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4. 2WAY SYSTEM UNIT SPECIFICATIONS

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1. Outdoor Unit

1-1. Specifications

Unit specifications (1)

Unit specifications (1)			High efficiency combination			High efficiency combination			High efficiency combination		
Outdoor Unit		MODEL	U-8ME2E8			U-10ME2E8			U-12ME2E8		
Performance test condition			EN14511			EN14511			EN14511		
Power supply		ø,Hz	3ø, 50Hz			3ø, 50Hz			3ø, 50Hz		
		V	380	400	415	380	400	415	380	400	415
C O O L I N G	Capacity	kW	22.4	22.4	22.4	28.0	28.0	28.0	33.5	33.5	33.5
		BTU/h	76500	76500	76500	95600	95600	95600	114300	114300	114300
	Current	A	7.79	7.40	7.14	10.7	10.2	9.80	13.7	13.0	12.5
	Input power	W	4.77k	4.77k	4.77k	6.41k	6.41k	6.41k	8.47k	8.47k	8.47k
	EER	(W/W)	4.70	4.70	4.70	4.37	4.37	4.37	3.96	3.96	3.96
	Power factor	%	93	93	93	91	91	91	94	94	94
	Noise outdoor	dB-A (Normal)	54.0			56.0			59.0		
Power Level dB (Normal)		75.0			77.0			80.0			
dB-A (Silent)		51.0			53.0			56.0			
H E A T I N G	Capacity	kW	25.0	25.0	25.0	31.5	31.5	31.5	37.5	37.5	37.5
		BTU/h	85300	85300	85300	107500	107500	107500	128000	128000	128000
	Current	A	7.96	7.56	7.29	11.1	10.5	10.1	12.9	12.3	11.8
	Input power	W	4.87k	4.87k	4.87k	6.62k	6.62k	6.62k	7.92k	7.92k	7.92k
	COP	(W / W)	5.13	5.13	5.13	4.76	4.76	4.76	4.73	4.73	4.73
	Power factor	%	93	93	93	91	91	91	93	93	93
Max Current (A) / Max Input power (W)			10.2 / 6.24k	10.2 / 6.57k	10.2 / 6.82k	14.5 / 8.68k	14.5 / 9.14k	14.5 / 9.48k	18.2 / 11.3k	18.2 / 11.9k	18.2 / 12.3k
Starting current (A)			1	1	1	1	1	1	1	1	1
Time Delay fuse max size (A)			20			25			30		
Fan motor output		W / Pole number	750 / 8			750 / 8			750 / 8		
External static pressure		Pa	0 ~ 80			0 ~ 80			0 ~ 80		
Air flow		m³/ min	224			224			232		
Refrigerant type / amount g			R410A / 5.6k			R410A / 5.6k			R410A / 8.3k		
Product dimension	Height	mm	1842			1842			1842		
	Width	mm	770			770			1180		
	Depth	mm	1000			1000			1000		
Packing dimension	Height	mm	1977			1977			1977		
	Width	mm	870			870			1280		
	Depth	mm	1100			1100			1100		
Weight	(NET) kg		210			210			270		
	(GROSS) kg		225			225			285		
Layers limit			1			1			1		
Operation condition (Outdoor)	Cool (DBT)		-10℃ ~ 52℃			-10℃ ~ 52℃			-10℃ ~ 52℃		
	Heat (WBT)		-25℃ ~ 18℃			-25℃ ~ 18℃			-25℃ ~ 18℃		
MAX. WORKING PRESSURE	High side bar (MPa)		38.0 (3.80)			38.0 (3.80)			38.0 (3.80)		
	Low side bar (MPa)		31.1 (3.11)			31.1 (3.11)			31.1 (3.11)		
P I P I N G	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)		(Liquid) 9.52(3/8) (Gas) 19.05(3/4)			(Liquid) 9.52(3/8) (Gas) 22.22(7/8)			(Liquid) 12.7(1/2) (Gas) 25.4(1)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)		(Liquid) 12.7(1/2) (Gas) 22.22(7/8)			(Liquid) 12.7(1/2) (Gas) 25.4(1)			(Liquid) 15.88(5/8) (Gas) 28.58(1-1/8)		
	Balance pipe mm (inch)		6.35(1/4)			6.35(1/4)			6.35(1/4)		
	Connecting method		flared(Liquid), brazing(Gas) flared(Balance)			flared(Liquid), brazing(Gas) flared(Balance)			flared(Liquid), brazing(Gas) flared(Balance)		
	Max tubing length m		7.5	~	200	7.5	~	200	7.5	~	200
	Total Max tubing length m		7.5	~	1000	7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m		50 / 40			50 / 40			50 / 40		
Max connectable indoor units pcs.			13			16			19		
Max allowable indoor/outdoor capacity ratio %			50 ~ 130 *2			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (2)

Unit specifications (2)			High efficiency combination			High efficiency combination		
Outdoor Unit		MODEL	U-14ME2E8			U-16ME2E8		
Performance test condition			EN14511			EN14511		
Power supply		ø,Hz	3ø, 50Hz			3ø, 50Hz		
		V	380	400	415	380	400	415
C O O L I N G	Capacity	kW	40.0	40.0	40.0	45.0	45.0	45.0
		BTU/h	136500	136500	136500	153600	153600	153600
	Current	A	17.4	16.5	15.9	21.1	20.1	19.4
	Input power	W	10.3k	10.3k	10.3k	12.8k	12.8k	12.8k
	EER	(W/W)	3.88	3.88	3.88	3.52	3.52	3.52
	Power factor	%	90	90	90	92	92	92
N O I S E	Noise outdoor	dB-A (Normal)	60.0			61.0		
		Power Level dB (Normal)	81.0			82.0		
		dB-A (Silent)	57.0			58.0		
H E A T I N G	Capacity	kW	45.0	45.0	45.0	50.0	50.0	50.0
		BTU/h	153600	153600	153600	170600	170600	170600
	Current	A	16.6	15.8	15.2	18.9	17.9	17.3
	Input power	W	9.86k	9.86k	9.86k	11.3k	11.3k	11.3k
	COP	(W / W)	4.56	4.56	4.56	4.42	4.42	4.42
	Power factor	%	90	90	90	91	91	91
Max Current (A) / Max Input power (W)			23.4 / 13.9k	23.4 / 14.6k	23.4 / 15.1k	28.5 / 17.3k	28.5 / 18.2k	28.5 / 18.8k
Starting current (A)			2	2	2	2	2	2
Time Delay fuse max size (A)			35			40		
Fan motor output		W / Pole number	750 / 8			750 / 8		
External static pressure		Pa	0 ~ 80			0 ~ 80		
Air flow		m³ / min	232			232		
Refrigerant type / amount g			R410A/ 8.3k			R410A/ 8.3k		
P r o d u c t d i m e n s i o n	Product dimension	Height mm	1842			1842		
		Width mm	1180			1180		
		Depth mm	1000			1000		
P a c k i n g d i m e n s i o n	Packing dimension	Height mm	1977			1977		
		Width mm	1280			1280		
		Depth mm	1100			1100		
W e i g h t	(NET) kg	315			315			
	(GROSS) kg	330			330			
Layers limit			1			1		
O p e r a t i o n (O u t d o o r)	Cool (DBT)	-10°C ~ 52°C			-10°C ~ 52°C			
	Heat (WBT)	-25°C ~ 18°C			-25°C ~ 18°C			
M A X. W O R K I N G P R E S S U R E	High side bar (MPa)	38.0 (3.80)			38.0 (3.80)			
	Low side bar (MPa)	31.1 (3.11)			31.1 (3.11)			
P I P I N G	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)		(Liquid) 12.7(1/2) (Gas) 25.4(1)			(Liquid) 12.7(1/2) (Gas) 28.58(1-1/8)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)		(Liquid) 15.88(5/8) (Gas) 28.58(1-1/8)			(Liquid) 15.88(5/8) (Gas) 31.75(1-1/4)		
	Balance pipe mm (inch)		6.35(1/4)			6.35(1/4)		
	Connecting method		flared(Liquid), (brazing(Gas) flared(Balance)			flared(Liquid), (brazing(Gas) flared(Balance)		
	Max tubing length m		7.5	~	200	7.5	~	200
	Total Max tubing length m		7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m		50 / 40			50 / 40		
Max connectable indoor units pcs.			23			26		
Max allowable indoor/outdoor capacity ratio %			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (3)

Unit specifications (3)			High efficiency combination			High efficiency combination			High efficiency combination		
Outdoor Unit		MODEL	U-8ME2E8 U-10ME2E8			U-10ME2E8 U-10ME2E8			U-10ME2E8 U-12ME2E8		
Performance test condition			EN14511			EN14511			EN14511		
Power supply		ø,Hz	3ø, 50Hz			3ø, 50Hz			3ø, 50Hz		
		V	380	400	415	380	400	415	380	400	415
C O O L I N G	Capacity	kW	50.0	50.0	50.0	56.0	56.0	56.0	61.5	61.5	61.5
		BTU/h	170600	170600	170600	191100	191100	191100	209900	209900	209900
	Current	A	18.2	17.3	16.6	21.4	20.3	19.6	24.3	23.1	22.3
	Input power	W	11.0k	11.0k	11.0k	12.8k	12.8k	12.8k	14.9k	14.9k	14.9k
	EER	(W/W)	4.55	4.55	4.55	4.38	4.38	4.38	4.13	4.13	4.13
	Power factor	%	92	92	92	91	91	91	93	93	93
	Noise outdoor	dB-A (Normal)	58.5			59.0			61.0		
Power Level dB (Normal)		79.5			80.0			82.0			
dB-A (Silent)		55.5			56.0			58.0			
H E A T I N G	Capacity	kW	56.0	56.0	56.0	63.0	63.0	63.0	69.0	69.0	69.0
		BTU/h	191100	191100	191100	215000	215000	215000	235500	235500	235500
	Current	A	18.7	17.7	17.1	22.0	20.9	20.2	23.9	22.7	21.9
	Input power	W	11.3k	11.3k	11.3k	13.2k	13.2k	13.2k	14.5k	14.5k	14.5k
	COP	(W / W)	4.96	4.96	4.96	4.77	4.77	4.77	4.76	4.76	4.76
	Power factor	%	92	92	92	91	91	91	92	92	92
Max Current (A) / Max Input power (W)			24.7 / 14.9k	24.7 / 15.7k	24.7 / 16.3k	29.0 / 17.4k	29.0 / 18.3k	29.0 / 19.0k	32.7 / 19.9k	32.7 / 21.0k	32.7 / 21.8k
Starting current (A)			1+1	1+1	1+1	1+1	1+1	1+1	1+1	1+1	1+1
Time Delay fuse max size (A)			20+25			25+25			25+30		
Fan motor output		W / Pole number	750+750 / 8			750+750 / 8			750+750 / 8		
External static pressure		Pa	0 ~80			0 ~80			0 ~80		
Air flow		m³/ min	224+224			224+224			224+232		
Refrigerant type / amount g			R410A / 11.2k			R410A / 11.2k			R410A / 13.9k		
Product dimension	Height	mm	1842			1842			1842		
	Width	mm	(770)+(770)+60			(770)+(770)+60			(770)+(1180)+60		
	Depth	mm	1000			1000			1000		
Packing dimension	Height	mm	-			-			-		
	Width	mm	-			-			-		
	Depth	mm	-			-			-		
Weight	(NET) kg		(210)+(210)			(210)+(210)			(210)+(270)		
	(GROSS) kg		-			-			-		
Layers limit			-			-			-		
Operation condition (Outdoor)	Cool (DBT)	-10°C ~ 52°C			-10°C ~ 52°C			-10°C ~ 52°C			
	Heat (WBT)	-25°C ~ 18°C			-25°C ~ 18°C			-25°C ~ 18°C			
MAX. WORKING PRESSURE	High side bar (MPa)		38.0 (3.80)			38.0 (3.80)			38.0 (3.80)		
	Low side bar (MPa)		31.1 (3.11)			31.1 (3.11)			31.1 (3.11)		
P I P I N G	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)		(Liquid) 15.88(5/8) (Gas) 28.58(1-1/8)			(Liquid) 15.88(5/8) (Gas) 28.58(1-1/8)			(Liquid) 15.88(5/8) (Gas) 28.58(1-1/8)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)		(Liquid) 19.05(3/4) (Gas) 31.75(1-1/4)			(Liquid) 19.05(3/4) (Gas) 31.75(1-1/4)			(Liquid) 19.05(3/4) (Gas) 31.75(1-1/4)		
	Balance pipe mm (inch)		6.35(1/4)			6.35(1/4)			6.35(1/4)		
	Connecting method		-			-			-		
	Max tubing length m		7.5	~	200	7.5	~	200	7.5	~	200
	Total Max tubing length m		7.5	~	1000	7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m		50 / 40			50 / 40			50 / 40		
Max connectable indoor units pcs.			29			33			36		
Max allowable indoor/outdoor capacity ratio %			50 ~ 130 *2			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°C CWB (standard -25°C CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (4)

Unit specifications (4)			High efficiency combination			High efficiency combination			High efficiency combination		
Outdoor Unit		MODEL	U-12ME2E8 U-12ME2E8			U-10ME2E8 U-16ME2E8			U-12ME2E8 U-16ME2E8		
Performance test condition			EN14511			EN14511			EN14511		
Power supply		ø,Hz	3ø, 50Hz			3ø, 50Hz			3ø, 50Hz		
		V	380	400	415	380	400	415	380	400	415
C O O L I N G	Capacity	kW	68.0	68.0	68.0	73.0	73.0	73.0	78.5	78.5	78.5
		BTU/h	232100	232100	232100	249100	249100	249100	267900	267900	267900
	Current	A	28.0	26.6	25.6	31.7	30.1	29.0	34.8	33.1	31.9
	Input power	W	17.3k	17.3k	17.3k	19.2k	19.2k	19.2k	21.3k	21.3k	21.3k
	EER	(W/W)	3.93	3.93	3.93	3.80	3.80	3.80	3.69	3.69	3.69
	Power factor	%	94	94	94	92	92	92	93	93	93
	Noise outdoor	dB-A (Normal)	62.0			62.5			63.5		
		Power Level dB (Normal)	83.0			83.5			84.5		
dB-A (Silent)		59.0			59.5			60.5			
H E A T I N G	Capacity	kW	76.5	76.5	76.5	81.5	81.5	81.5	87.5	87.5	87.5
		BTU/h	261100	261100	261100	278200	278200	278200	298600	298600	298600
	Current	A	26.6	25.3	24.4	29.9	28.4	27.4	31.7	30.1	29.0
	Input power	W	16.3k	16.3k	16.3k	17.9k	17.9k	17.9k	19.2k	19.2k	19.2k
	COP	(W / W)	4.69	4.69	4.69	4.55	4.55	4.55	4.56	4.56	4.56
	Power factor	%	93	93	93	91	91	91	92	92	92
Max Current (A) / Max Input power (W)			36.4 / 22.5k	36.4 / 23.7k	36.4 / 24.6k	43.0 / 25.9k	43.0 / 27.3k	43.0 / 28.3k	46.7 / 28.5k	46.7 / 30.0k	46.7 / 31.1k
Starting current (A)			1+1	1+1	1+1	1+2	1+2	1+2	1+2	1+2	1+2
Time Delay fuse max size (A)			30+30			25+40			30+40		
Fan motor output		W / Pole number	750+750 / 8			750+750 / 8			750+750 / 8		
External static pressure		Pa	0 ~ 80			0 ~ 80			0 ~ 80		
Air flow		m³/ min	232+232			224+232			232+232		
Refrigerant type / amount g			R410A / 16.6k			R410A / 13.9k			R410A / 16.6k		
Product dimension	Height	mm	1842			1842			1842		
	Width	mm	(1180)+(1180)+60			(770)+(1180)+60			(1180)+(1180)+60		
	Depth	mm	1000			1000			1000		
Packing dimension	Height	mm	-			-			-		
	Width	mm	-			-			-		
	Depth	mm	-			-			-		
Weight	(NET) kg		(270)+(270)			(210)+(315)			(270)+(315)		
	(GROSS) kg		-			-			-		
Layers limit			-			-			-		
Operation condition (Outdoor)	Cool (DBT)	-10°C ~ 52°C			-10°C ~ 52°C			-10°C ~ 52°C			
	Heat (WBT)	-25°C ~ 18°C			-25°C ~ 18°C			-25°C ~ 18°C			
MAX. WORKING PRESSURE	High side bar (MPa)		38.0 (3.80)			38.0 (3.80)			38.0 (3.80)		
	Low side bar (MPa)		31.1 (3.11)			31.1 (3.11)			31.1 (3.11)		
P I P I N G	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)		(Liquid) 15.88(5/8) (Gas) 28.58(1-1/8)			(Liquid) 19.05(3/4) (Gas) 31.75(1-1/4)			(Liquid) 19.05(3/4) (Gas) 31.75(1-1/4)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)		(Liquid) 19.05(3/4) (Gas) 31.75(1-1/4)			(Liquid) 22.22(7/8) (Gas) 38.1(1-1/2)			(Liquid) 22.22(7/8) (Gas) 38.1(1-1/2)		
	Balance pipe mm (inch)		6.35(1/4)			6.35(1/4)			6.35(1/4)		
	Connecting method		-			-			-		
	Max tubing length m		7.5	~	200	7.5	~	200	7.5	~	200
	Total Max tubing length m		7.5	~	1000	7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m		50 / 40			50 / 40			50 / 40		
Max connectable indoor units pcs.			40			43			46		
Max allowable indoor/outdoor capacity ratio %			50 ~ 130 *2			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°C CWB (standard -25°C CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (5)

Unit specifications (5)			High efficiency combination			High efficiency combination		
Outdoor Unit		MODEL	U-14ME2E8 U-16ME2E8			U-16ME2E8 U-16ME2E8		
Performance test condition			EN14511			EN14511		
Power supply		ø,Hz	3ø, 50Hz			3ø, 50Hz		
		V	380	400	415	380	400	415
C O O L I N G	Capacity	kW	85.0	85.0	85.0	90.0	90.0	90.0
		BTU/h	290100	290100	290100	307200	307200	307200
	Current	A	38.6	36.6	35.3	42.3	40.2	38.7
	Input power	W	23.1k	23.1k	23.1k	25.6k	25.6k	25.6k
	EER	(W/W)	3.68	3.68	3.68	3.52	3.52	3.52
	Power factor	%	91	91	91	92	92	92
	Noise outdoor	dB-A (Normal)	63.5			64.0		
Power Level dB (Normal)		84.5			85.0			
dB-A (Silent)		60.5			61.0			
H E A T I N G	Capacity	kW	95.0	95.0	95.0	100	100	100
		BTU/h	324200	324200	324200	341300	341300	341300
	Current	A	35.4	33.6	32.4	37.7	35.8	34.6
	Input power	W	21.2k	21.2k	21.2k	22.6k	22.6k	22.6k
	COP	(W / W)	4.48	4.48	4.48	4.42	4.42	4.42
Power factor	%	91	91	91	91	91	91	
Max Current (A) / Max Input power (W)			51.9 / 31.1k	51.9 / 32.8k	51.9 / 34.0k	57.0 / 34.5k	57.0 / 36.3k	57.0 / 37.7k
Starting current (A)			2+2	2+2	2+2	2+2	2+2	2+2
Time Delay fuse max size (A)			35+40			40+40		
Fan motor output		W / Pole number	750+750 / 8			750+750 / 8		
External static pressure		Pa	0 ~ 80			0 ~ 80		
Air flow		m³/ min	232+232			232+232		
Refrigerant type / amount g			R410A / 16.6k			R410A / 16.6k		
Product dimension	Height	mm	1842			1842		
	Width	mm	(1180)+(1180)+60			(1180)+(1180)+60		
	Depth	mm	1000			1000		
Packing dimension	Height	mm	-			-		
	Width	mm	-			-		
	Depth	mm	-			-		
Weight	(NET) kg		(315)+(315)			(315)+(315)		
	(GROSS) kg		-			-		
Layers limit			-			-		
Operation condition (Outdoor)	Cool (DBT)	-10°C ~ 52°C			-10°C ~ 52°C			
	Heat (WBT)	-25°C ~ 18°C			-25°C ~ 18°C			
MAX. WORKING PRESSURE	High side bar (MPa)		38.0 (3.80)			38.0 (3.80)		
	Low side bar (MPa)		31.1 (3.11)			31.1 (3.11)		
P I P I N G	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)		(Liquid) 19.05(3/4) (Gas) 31.75(1-1/4)			(Liquid) 19.05(3/4) (Gas) 31.75(1-1/4)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)		(Liquid) 22.22(7/8) (Gas) 38.1(1-1/2)			(Liquid) 22.22(7/8) (Gas) 38.1(1-1/2)		
	Balance pipe mm (inch)		6.35(1/4)			6.35(1/4)		
	Connecting method		-			-		
	Max tubing length m		7.5	~	200	7.5	~	200
	Total Max tubing length m		7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m		50 / 40			50 / 40		
Max connectable indoor units pcs.			50			53		
Max allowable indoor/outdoor capacity ratio %			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (6)

Unit specifications (6)			High efficiency combination			High efficiency combination			High efficiency combination		
Outdoor Unit		MODEL	U-10ME2E8 U-12ME2E8 U-12ME2E8			U-12ME2E8 U-12ME2E8 U-12ME2E8			U-10ME2E8 U-12ME2E8 U-16ME2E8		
Performance test condition			EN14511			EN14511			EN14511		
Power supply		ø,Hz	3ø, 50Hz			3ø, 50Hz			3ø, 50Hz		
		V	380	400	415	380	400	415	380	400	415
C O O L I N G	Capacity	kW	96.0	96.0	96.0	101	101	101	107	107	107
		BTU/h	327600	327600	327600	344700	344700	344700	365200	365200	365200
	Current	A	38.7	36.8	35.5	41.4	39.3	37.9	46.1	43.8	42.2
	Input power	W	23.7k	23.7k	23.7k	25.6k	25.6k	25.6k	27.9k	27.9k	27.9k
	EER	(W/W)	4.05	4.05	4.05	3.95	3.95	3.95	3.84	3.84	3.84
	Power factor	%	93	93	93	94	94	94	92	92	92
	Noise outdoor	dB-A (Normal)	63.0			64.0			64.0		
Power Level dB (Normal)		84.0			85.0			85.0			
dB-A (Silent)		60.0			61.0			61.0			
H E A T I N G	Capacity	kW	108	108	108	113	113	113	119	119	119
		BTU/h	368600	368600	368600	385700	385700	385700	406100	406100	406100
	Current	A	37.8	35.9	34.6	39.0	37.1	35.8	42.6	40.5	39.0
	Input power	W	22.9k	22.9k	22.9k	23.9k	23.9k	23.9k	25.8k	25.8k	25.8k
	COP	(W / W)	4.72	4.72	4.72	4.73	4.73	4.73	4.61	4.61	4.61
Power factor	%	92	92	92	93	93	93	92	92	92	
Max Current (A) / Max Input power (W)			50.9 / 31.2k	50.9 / 32.8k	50.9 / 34.1k	54.6 / 33.8k	54.6 / 35.6k	54.6 / 36.9k	61.2 / 37.2k	61.2 / 39.2k	61.2 / 40.6k
Starting current (A)			1+1+1	1+1+1	1+1+1	1+1+1	1+1+1	1+1+1	1+1+2	1+1+2	1+1+2
Time Delay fuse max size (A)			25+30+30			30+30+30			25+30+40		
Fan motor output		W / Pole number	750+750+750 / 8			750+750+750 / 8			750+750+750 / 8		
External static pressure		Pa	0 ~ 80			0 ~ 80			0 ~ 80		
Air flow		m³/ min	224+232+232			232+232+232			224+232+232		
Refrigerant type / amount g			R410A / 22.2k			R410A / 24.9k			R410A / 22.2k		
Product dimension	Height	mm	1842			1842			1842		
	Width	mm	(770)+(1180)+(1180)+120			(1180)+(1180)+(1180)+120			(770)+(1180)+(1180)+120		
	Depth	mm	1000			1000			1000		
Packing dimension	Height	mm	-			-			-		
	Width	mm	-			-			-		
	Depth	mm	-			-			-		
Weight	(NET) kg		(210)+(270)+(270)			(270)+(270)+(270)			(210)+(270)+(315)		
	(GROSS) kg		-			-			-		
Layers limit			-			-			-		
Operation condition (Outdoor)	Cool (DBT)		-10°C ~ 52°C			-10°C ~ 52°C			-10°C ~ 52°C		
	Heat (WBT)		-25°C ~ 18°C			-25°C ~ 18°C			-25°C ~ 18°C		
MAX. WORKING PRESSURE	High side bar (MPa)		38.0 (3.80)			38.0 (3.80)			38.0 (3.80)		
	Low side bar (MPa)		31.1 (3.11)			31.1 (3.11)			31.1 (3.11)		
P I P I N G	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)		(Liquid) 19.05(3/4) (Gas) 31.75(1-1/4)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)		(Liquid) 22.22(7/8) (Gas) 38.1(1-1/2)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)		
	Balance pipe mm (inch)		6.35(1/4)			6.35(1/4)			6.35(1/4)		
	Connecting method		-			-			-		
	Max tubing length m		7.5	~	200	7.5	~	200	7.5	~	200
	Total Max tubing length m		7.5	~	1000	7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m		50 / 40			50 / 40			50 / 40		
Max connectable indoor units pcs.			56			59			63		
Max allowable indoor/outdoor capacity ratio %			50 ~ 130 *2			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (7)

Unit specifications (7)			High efficiency combination			High efficiency combination			High efficiency combination		
Outdoor Unit		MODEL	U-12ME2E8 U-12ME2E8 U-16ME2E8			U-10ME2E8 U-16ME2E8 U-16ME2E8			U-12ME2E8 U-16ME2E8 U-16ME2E8		
Performance test condition			EN14511			EN14511			EN14511		
Power supply		ø,Hz	3ø, 50Hz			3ø, 50Hz			3ø, 50Hz		
		V	380	400	415	380	400	415	380	400	415
C O O L I N G	Capacity	kW	113	113	113	118	118	118	124	124	124
		BTU/h	385700	385700	385700	402700	402700	402700	423200	423200	423200
	Current	A	49.2	46.7	45.0	52.8	50.2	48.4	56.0	53.2	51.3
	Input power	W	30.1k	30.1k	30.1k	32.0k	32.0k	32.0k	34.3k	34.3k	34.3k
	EER	(W/W)	3.75	3.75	3.75	3.69	3.69	3.69	3.62	3.62	3.62
	Power factor	%	93	93	93	92	92	92	93	93	93
	Noise outdoor	dB-A (Normal)	64.5			65.0			65.5		
Power Level dB (Normal)		85.5			86.0			86.5			
dB-A (Silent)		61.5			62.0			62.5			
H E A T I N G	Capacity	kW	127	127	127	132	132	132	138	138	138
		BTU/h	433400	433400	433400	450500	450500	450500	471000	471000	471000
	Current	A	45.9	43.6	42.0	49.1	46.6	44.9	50.7	48.2	46.4
	Input power	W	27.8k	27.8k	27.8k	29.4k	29.4k	29.4k	30.7k	30.7k	30.7k
	COP	(W / W)	4.57	4.57	4.57	4.49	4.49	4.49	4.50	4.50	4.50
Power factor	%	92	92	92	91	91	91	92	92	92	
Max Current (A) / Max Input power (W)			64.9 / 39.8k	64.9 / 41.9k	64.9 / 43.4k	71.5 / 43.2k	71.5 / 45.5k	71.5 / 47.2k	75.2 / 45.8k	75.2 / 48.2k	75.2 / 50.0k
Starting current (A)			1+1+2	1+1+2	1+1+2	1+2+2	1+2+2	1+2+2	1+2+2	1+2+2	1+2+2
Time Delay fuse max size (A)			30+30+40			25+40+40			30+40+40		
Fan motor output		W / Pole number	750+750+750 / 8			750+750+750 / 8			750+750+750 / 8		
External static pressure		Pa	0 ~ 80			0 ~ 80			0 ~ 80		
Air flow		m³/ min	232+232+232			224+232+232			232+232+232		
Refrigerant type / amount g			R410A / 24.9k			R410A / 22.2k			R410A / 24.9k		
Product dimension	Height	mm	1842			1842			1842		
	Width	mm	(1180)+(1180)+(1180)+120			(770)+(1180)+(1180)+120			(1180)+(1180)+(1180)+120		
	Depth	mm	1000			1000			1000		
Packing dimension	Height	mm	-			-			-		
	Width	mm	-			-			-		
	Depth	mm	-			-			-		
Weight	(NET) kg		(270)+(270)+(315)			(210)+(315)+(315)			(270)+(315)+(315)		
	(GROSS) kg		-			-			-		
Layers limit			-			-			-		
Operation condition (Outdoor)	Cool (DBT)		-10°C ~ 52°C			-10°C ~ 52°C			-10°C ~ 52°C		
	Heat (WBT)		-25°C ~ 18°C			-25°C ~ 18°C			-25°C ~ 18°C		
MAX. WORKING PRESSURE	High side bar (MPa)		38.0 (3.80)			38.0 (3.80)			38.0 (3.80)		
	Low side bar (MPa)		31.1 (3.11)			31.1 (3.11)			31.1 (3.11)		
P I P I N G	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)		(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)		(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)		
	Balance pipe mm (inch)		6.35(1/4)			6.35(1/4)			6.35(1/4)		
	Connecting method		-			-			-		
	Max tubing length m		7.5	~	200	7.5	~	200	7.5	~	200
	Total Max tubing length m		7.5	~	1000	7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m		50 / 40			50 / 40			50 / 40		
Max connectable indoor units pcs.			64			64			64		
Max allowable indoor/outdoor capacity ratio %			50 ~ 130 *2			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (8)

Unit specifications (8)			High efficiency combination			High efficiency combination		
Outdoor Unit		MODEL	U-14ME2E8 U-16ME2E8 U-16ME2E8			U-16ME2E8 U-16ME2E8 U-16ME2E8		
Performance test condition			EN14511			EN14511		
Power supply		ø,Hz	3ø, 50Hz			3ø, 50Hz		
		V	380	400	415	380	400	415
C O O L I N G	Capacity	kW	130	130	130	135	135	135
		BTU/h	443700	443700	443700	460800	460800	460800
	Current	A	59.9	56.9	54.9	63.4	60.2	58.1
	Input power	W	35.9k	35.9k	35.9k	38.4k	38.4k	38.4k
	EER	(W/W)	3.62	3.62	3.62	3.52	3.52	3.52
	Power factor	%	91	91	91	92	92	92
	Noise outdoor	dB-A (Normal)	65.5			66.0		
Power Level dB (Normal)		86.5			87.0			
dB-A (Silent)		62.5			63.0			
H E A T I N G	Capacity	kW	145	145	145	150	150	150
		BTU/h	494900	494900	494900	511900	511900	511900
	Current	A	54.3	51.5	49.7	56.6	53.8	51.8
	Input power	W	32.5k	32.5k	32.5k	33.9k	33.9k	33.9k
	COP	(W / W)	4.46	4.46	4.46	4.42	4.42	4.42
Power factor	%	91	91	91	91	91	91	
Max Current (A) / Max Input power (W)			80.4 / 48.4k	80.4 / 50.9k	80.4 / 52.8k	85.5 / 51.8k	85.5 / 54.5k	85.5 / 56.5k
Starting current (A)			2+2+2	2+2+2	2+2+2	2+2+2	2+2+2	2+2+2
Time Delay fuse max size (A)			35+40+40			40+40+40		
Fan motor output		W / Pole number	750+750+750 / 8			750+750+750 / 8		
External static pressure		Pa	0 ~ 80			0 ~ 80		
Air flow		m³ / min	232+232+232			232+232+232		
Refrigerant type / amount g			R410A / 24.9k			R410A / 24.9k		
Product dimension	Height	mm	1842			1842		
	Width	mm	(1180)+(1180)+(1180)+120			(1180)+(1180)+(1180)+120		
	Depth	mm	1000			1000		
Packing dimension	Height	mm	-			-		
	Width	mm	-			-		
	Depth	mm	-			-		
Weight	(NET) kg		(315)+(315)+(315)			(315)+(315)+(315)		
	(GROSS) kg		-			-		
Layers limit			-			-		
Operation condition (Outdoor)	Cool (DBT)		-10°C ~ 52°C			-10°C ~ 52°C		
	Heat (WBT)		-25°C ~ 18°C			-25°C ~ 18°C		
MAX. WORKING PRESSURE	High side bar (MPa)		38.0 (3.80)			38.0 (3.80)		
	Low side bar (MPa)		31.1 (3.11)			31.1 (3.11)		
P I P I N G	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)		(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)		(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)		
	Balance pipe mm (inch)		6.35(1/4)			6.35(1/4)		
	Connecting method		-			-		
	Max tubing length m		7.5	~	200	7.5	~	200
	Total Max tubing length m		7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m		50 / 40			50 / 40		
Max connectable indoor units pcs.			64			64		
Max allowable indoor/outdoor capacity ratio %			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

i) Obey the limited number of connectable indoor units.

ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).

iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (9)

Outdoor Unit		MODEL	High efficiency combination			High efficiency combination			High efficiency combination		
			U-10ME2E8 U-12ME2E8 U-12ME2E8 U-16ME2E8			U-12ME2E8 U-12ME2E8 U-12ME2E8 U-16ME2E8			U-10ME2E8 U-12ME2E8 U-16ME2E8 U-16ME2E8		
Performance test condition			EN14511			EN14511			EN14511		
Power supply	ϕ , Hz		3 ϕ , 50Hz			3 ϕ , 50Hz			3 ϕ , 50Hz		
	V		380	400	415	380	400	415	380	400	415
C O O L I N G	Capacity	kW	140	140	140	145	145	145	151	151	151
		BTU/h	477800	477800	477800	494900	494900	494900	515400	515400	515400
	Current	A	59.1	56.2	54.2	62.1	59.0	56.8	66.6	63.2	60.9
	Input power	W	36.2k	36.2k	36.2k	38.0k	38.0k	38.0k	40.3k	40.3k	40.3k
	EER	(W/W)	3.87	3.87	3.87	3.82	3.82	3.82	3.75	3.75	3.75
	Power factor	%	93	93	93	93	93	93	92	92	92
N o i s e	Noise outdoor	dB-A (Normal)	65.5			66.0			66.0		
		Power Level dB (Normal)	86.5			87.0			87.0		
		dB-A (Silent)	62.5			63.0			63.0		
H E A T I N G	Capacity	kW	155	155	155	160	160	160	169	169	169
		BTU/h	529000	529000	529000	546100	546100	546100	576800	576800	576800
	Current	A	55.0	52.2	50.4	56.6	53.8	51.9	61.9	58.8	56.7
	Input power	W	33.3k	33.3k	33.3k	34.3k	34.3k	34.3k	37.1k	37.1k	37.1k
	COP	(W / W)	4.65	4.65	4.65	4.66	4.66	4.66	4.56	4.56	4.56
G	Power factor	%	92	92	92	92	92	92	91	91	91
	Max Current (A) / Max Input power (W)		79.4 / 48.5k	79.4 / 51.0k	79.4 / 52.9k	83.1 / 51.0k	83.1 / 53.7k	83.1 / 55.7k	89.7 / 54.5k	89.7 / 57.3k	89.7 / 59.5k
Starting current (A)			1+1+1+2	1+1+1+2	1+1+1+2	1+1+1+2	1+1+1+2	1+1+1+2	1+1+2+2	1+1+2+2	1+1+2+2
Time Delay fuse max size (A)			25+30+30+40			30+30+30+40			25+30+40+40		
Fan motor output		W / Pole number	750+750+750+750 / 8			750+750+750+750 / 8			750+750+750+750 / 8		
External static pressure		Pa	0 ~ 80			0 ~ 80			0 ~ 80		
Air flow		m ³ / min	224+232+232+232			232+232+232+232			224+232+232+232		
Refrigerant type / amount g			R410A / 30.5k			R410A / 33.2k			R410A / 30.5k		
Product dimension	Height	mm	1842			1842			1842		
	Width	mm	(770)+(1180)+(1180)+(1180)+180			(1180)+(1180)+(1180)+(1180)+180			(770)+(1180)+(1180)+(1180)+180		
	Depth	mm	1000			1000			1000		
Packing dimension	Height	mm	-			-			-		
	Width	mm	-			-			-		
	Depth	mm	-			-			-		
Weight	(NET) kg		(210)+(270)+(270)+(315)			(270)+(270)+(270)+(315)			(210)+(270)+(315)+(315)		
	(GROSS) kg		-			-			-		
Layers limit			-			-			-		
Operation condition (Outdoor)	Cool (DBT)		-10°C ~ 52°C			-10°C ~ 52°C			-10°C ~ 52°C		
	Heat (WBT)		-25°C ~ 18°C			-25°C ~ 18°C			-25°C ~ 18°C		
MAX. WORKING PRESSURE	High side bar (MPa)		38.0 (3.80)			38.0 (3.80)			38.0 (3.80)		
	Low side bar (MPa)		31.1 (3.11)			31.1 (3.11)			31.1 (3.11)		
P I P I N G	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)		(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)		(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)		
	Balance pipe mm (inch)		6.35(1/4)			6.35(1/4)			6.35(1/4)		
	Connecting method		-			-			-		
	Max tubing length m		7.5	~	200	7.5	~	200	7.5	~	200
	Total Max tubing length m		7.5	~	1000	7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m		50 / 40			50 / 40			50 / 40		
	Max connectable indoor units pcs.		64			64			64		
Max allowable indoor/outdoor capacity ratio %			50 ~ 130 *2			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

- i) Obey the limited number of connectable indoor units.
- ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).
- iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (10)

Outdoor Unit		MODEL	High efficiency combination			High efficiency combination			High efficiency combination		
			U-12ME2E8 U-12ME2E8 U-16ME2E8 U-16ME2E8			U-10ME2E8 U-16ME2E8 U-16ME2E8 U-16ME2E8			U-12ME2E8 U-16ME2E8 U-16ME2E8 U-16ME2E8		
Performance test condition			EN14511			EN14511			EN14511		
Power supply	ϕ , Hz		3 ϕ , 50Hz			3 ϕ , 50Hz			3 ϕ , 50Hz		
	V		380	400	415	380	400	415	380	400	415
C O O L I N G	Capacity	kW	156	156	156	162	162	162	168	168	168
		BTU/h	532400	532400	532400	552900	552900	552900	573400	573400	573400
	Current	A	68.8	65.3	63.0	73.3	69.7	67.1	77.1	73.3	70.6
	Input power	W	42.1k	42.1k	42.1k	44.4k	44.4k	44.4k	46.7k	46.7k	46.7k
	EER	(W/W)	3.71	3.71	3.71	3.65	3.65	3.65	3.60	3.60	3.60
	Power factor	%	93	93	93	92	92	92	92	92	92
N o i s e	Noise outdoor	dB-A (Normal)	66.5			66.5			67.0		
		Power Level dB (Normal)	87.5			87.5			88.0		
		dB-A (Silent)	63.5			63.5			64.0		
H E A T I N G	Capacity	kW	175	175	175	182	182	182	189	189	189
		BTU/h	597300	597300	597300	621200	621200	621200	645100	645100	645100
	Current	A	63.4	60.2	58.1	68.0	64.6	62.2	70.6	67.1	64.7
	Input power	W	38.4k	38.4k	38.4k	40.7k	40.7k	40.7k	42.3k	42.3k	42.3k
	COP	(W / W)	4.56	4.56	4.56	4.47	4.47	4.47	4.47	4.47	4.47
Power factor		%	92	92	92	91	91	91	91	91	91
Max Current (A) / Max Input power (W)			93.4 / 57.0k	93.4 / 60.0k	93.4 / 62.3k	100.0 / 60.5k	100.0 / 63.6k	100.0 / 66.0k	103.7 / 63.0k	103.7 / 66.3k	103.7 / 68.8k
Starting current (A)			1+1+2+2	1+1+2+2	1+1+2+2	1+2+2+2	1+2+2+2	1+2+2+2	1+2+2+2	1+2+2+2	1+2+2+2
Time Delay fuse max size (A)			30+30+40+40			25+40+40+40			30+40+40+40		
Fan motor output		W / Pole number	750+750+750+750 / 8			750+750+750+750 / 8			750+750+750+750 / 8		
External static pressure		Pa	0 ~ 80			0 ~ 80			0 ~ 80		
Air flow		m ³ / min	232+232+232+232			224+232+232+232			232+232+232+232		
Refrigerant type / amount g			R410A / 33.2k			R410A / 30.5k			R410A / 33.2k		
Product dimension	Height	mm	1842			1842			1842		
	Width	mm	(1180)+(1180)+(1180)+(1180)+180			(770)+(1180)+(1180)+(1180)+180			(1180)+(1180)+(1180)+(1180)+180		
	Depth	mm	1000			1000			1000		
Packing dimension	Height	mm	-			-			-		
	Width	mm	-			-			-		
	Depth	mm	-			-			-		
Weight	(NET) kg		(270)+(270)+(315)+(315)			(210)+(315)+(315)+(315)			(270)+(315)+(315)+(315)		
	(GROSS) kg		-			-			-		
Layers limit			-			-			-		
Operation condition (Outdoor)	Cool (DBT)		-10°C ~ 52°C			-10°C ~ 52°C			-10°C ~ 52°C		
	Heat (WBT)		-25°C ~ 18°C			-25°C ~ 18°C			-25°C ~ 18°C		
MAX. WORKING PRESSURE	High side bar (MPa)		38.0 (3.80)			38.0 (3.80)			38.0 (3.80)		
	Low side bar (MPa)		31.1 (3.11)			31.1 (3.11)			31.1 (3.11)		
P I P I N G	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)		(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)			(Liquid) 19.05(3/4) (Gas) 38.1(1-1/2)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)		(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)			(Liquid) 22.22(7/8) (Gas) 41.28(1-5/8)		
	Balance pipe mm (inch)		6.35(1/4)			6.35(1/4)			6.35(1/4)		
	Connecting method		-			-			-		
	Max tubing length m		7.5	~	200	7.5	~	200	7.5	~	200
	Total Max tubing length m		7.5	~	1000	7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m		50 / 40			50 / 40			50 / 40		
	Max connectable indoor units pcs.		64			64			64		
Max allowable indoor/outdoor capacity ratio %			50 ~ 130 *2			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

- Obeys the limited number of connectable indoor units.
- The lower limit of operating range for heating outdoor temperature is limited to -10°C CWB (standard -25°C CWB).
- Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

Necessary amount of additional refrigerant charge per outdoor unit for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-1. Specifications

Unit specifications (11)

Unit specifications (11)			High efficiency combination			High efficiency combination		
Outdoor Unit		MODEL	U-14ME2E8 U-16ME2E8 U-16ME2E8 U-16ME2E8			U-16ME2E8 U-16ME2E8 U-16ME2E8 U-16ME2E8		
Performance test condition			EN14511			EN14511		
Power supply		ø,Hz	3ø, 50Hz			3ø, 50Hz		
		V	380	400	415	380	400	415
C O O L I N G	Capacity	kW	174	174	174	180	180	180
		BTU/h	593900	593900	593900	614300	614300	614300
	Current	A	79.8	75.8	73.0	84.6	80.3	77.4
	Input power	W	48.3k	48.3k	48.3k	51.2k	51.2k	51.2k
	EER	(W/W)	3.60	3.60	3.60	3.52	3.52	3.52
	Power factor	%	92	92	92	92	92	92
	Noise outdoor	dB-A (Normal)	67.0			67.0		
Power Level dB (Normal)		88.0			88.0			
dB-A (Silent)		64.0			64.0			
H E A T I N G	Capacity	kW	195	195	195	201	201	201
		BTU/h	665500	665500	665500	686000	686000	686000
	Current	A	73.1	69.5	67.0	76.0	72.2	69.6
	Input power	W	43.8k	43.8k	43.8k	45.5k	45.5k	45.5k
	COP	(W / W)	4.45	4.45	4.45	4.42	4.42	4.42
	Power factor	%	91	91	91	91	91	91
Max Current (A) / Max Input power (W)			108.9 / 65.6k	108.9 / 69.1k	108.9 / 71.7k	114.0 / 69.0k	114.0 / 72.7k	114.0 / 75.4k
Starting current (A)			2+2+2+2	2+2+2+2	2+2+2+2	2+2+2+2	2+2+2+2	2+2+2+2
Time Delay fuse max size (A)			35+40+40+40			40+40+40+40		
Fan motor output		W / Pole number	750+750+750+750 / 8			750+750+750+750 / 8		
External static pressure		Pa	0 ~ 80			0 ~ 80		
Air flow		m³ / min	232+232+232+232			232+232+232+232		
Refrigerant type / amount g			R410A / 33.2k			R410A / 33.2k		
Product dimension	Height	mm	1842			1842		
	Width	mm	(1180)+(1180)+(1180)+(1180)+180			(1180)+(1180)+(1180)+(1180)+180		
	Depth	mm	1000			1000		
Packing dimension	Height	mm	-			-		
	Width	mm	-			-		
	Depth	mm	-			-		
Weight	(NET) kg	(315)+(315)+(315)+(315)			(315)+(315)+(315)+(315)			
	(GROSS) kg	-			-			
Layers limit			-			-		
Operation condition (Outdoor)	Cool (DBT)	-10°C ~ 52°C			-10°C ~ 52°C			
	Heat (WBT)	-25°C ~ 18°C			-25°C ~ 18°C			
MAX. WORKING PRESSURE	High side bar (MPa)	38.0 (3.80)			38.0 (3.80)			
	Low side bar (MPa)	31.1 (3.11)			31.1 (3.11)			
P I P I N G	Pipe diameter mm (inch) (Under 90m for ultimate Indoor unit.)		(Liquid) 19.05(3/4) (Gas) 41.28(1-5/8)			(Liquid) 19.05(3/4) (Gas) 41.28(1-5/8)		
	Pipe diameter mm (inch) *1 (Over 90m for ultimate Indoor unit.)		(Liquid) 22.22(7/8) (Gas) 44.45(1-3/4)			(Liquid) 22.22(7/8) (Gas) 44.45(1-3/4)		
	Balance pipe mm (inch)		6.35(1/4)			6.35(1/4)		
	Connecting method		-			-		
	Max tubing length m		7.5	~	200	7.5	~	200
	Total Max tubing length m		7.5	~	1000	7.5	~	1000
	Indoor unit & Outdoor unit height difference (Outdoor unit upper / Outdoor unit Lower) m		50 / 40			50 / 40		
Max connectable indoor units pcs.			64			64		
Max allowable indoor/outdoor capacity ratio %			50 ~ 130 *2			50 ~ 130 *2		

*1: If the longest tubing equivalent length exceeds 90m, increase the sizes of the main tubes by 1 rank for gas tubes and liquid tubes.

*2: If the following conditions are satisfied, the effective range is above 130 % and below 200 %.

- i) Obey the limited number of connectable indoor units.
- ii) The lower limit of operating range for heating outdoor temperature is limited to -10°CWB (standard -25°CWB).
- iii) Simultaneous operation is limited to less than 130 % of connectable indoor units.

The number of max connectable outdoor units are 4.

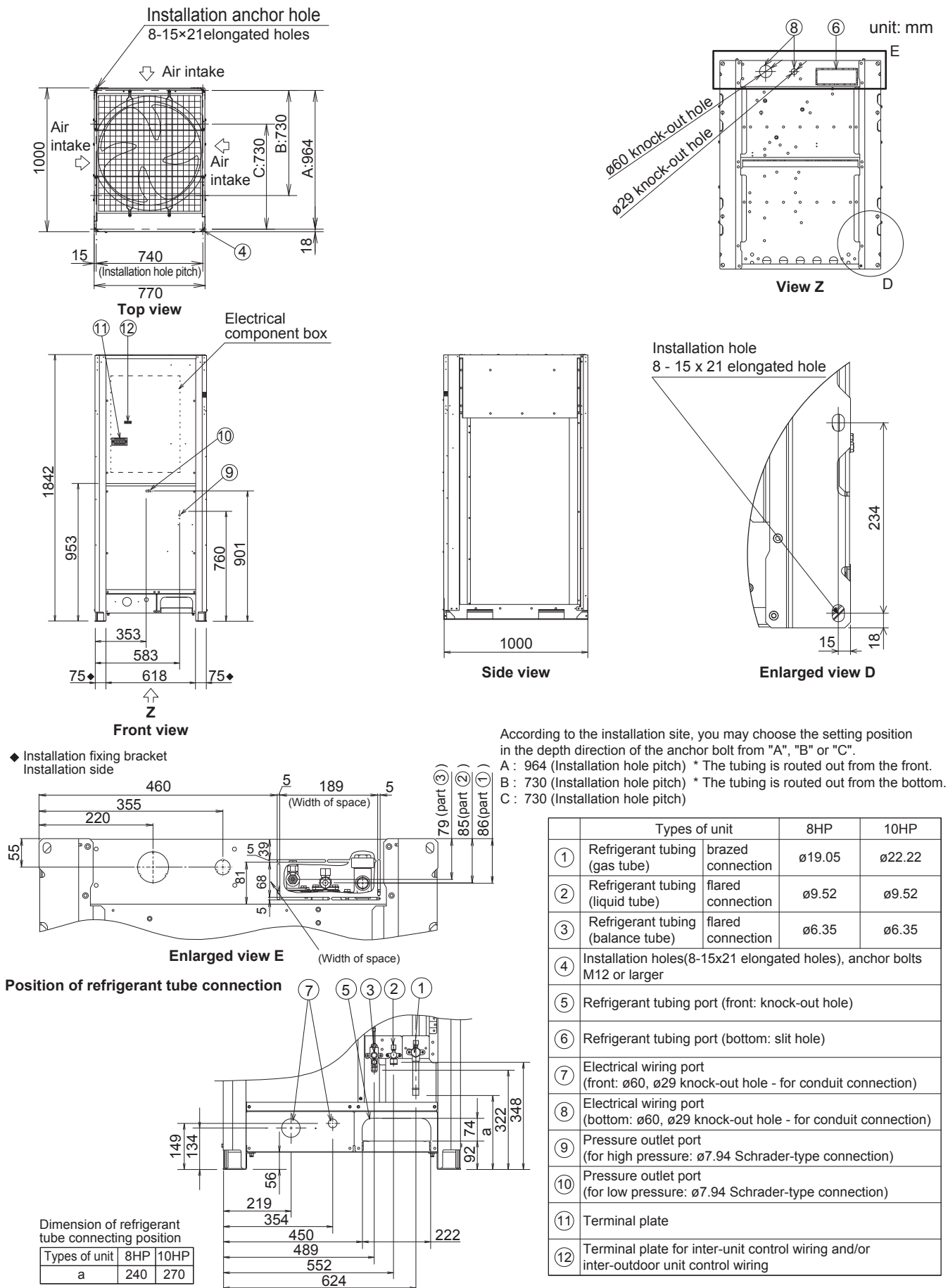
Necessary amount of additional refrigerant charge per outdoor unit for 8HP or 10HP is 5.5kg, for 12HP or 14HP or 16HP is 7.0kg.

Max total refrigerant amount of 1 outdoor unit is 50kg, for 2 outdoor units is 80kg, for 3 or 4 outdoor units is 100kg.

1. Outdoor Unit

1-2. Dimensional Data

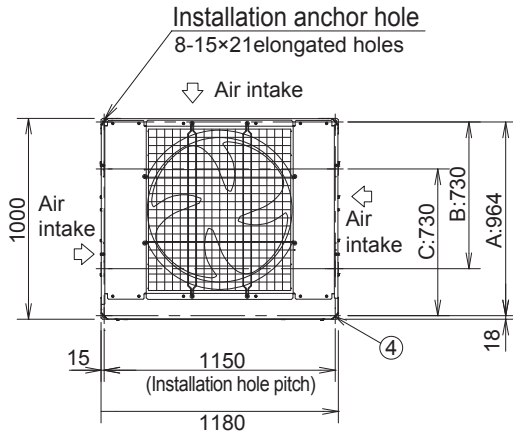
U-8ME2E8, U-10ME2E8



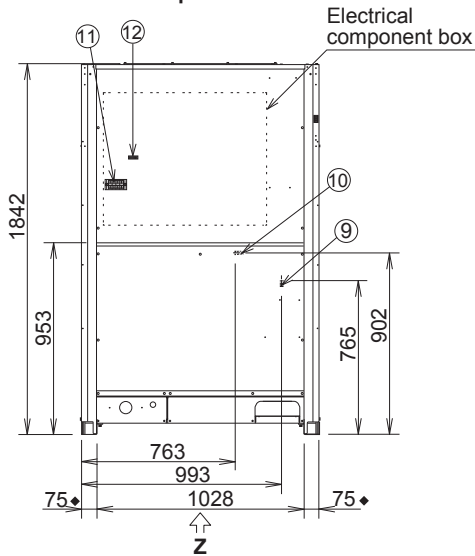
1. Outdoor Unit

1-2. Dimensional Data (continued)

U-12ME2E8, U-14ME2E8, U-16ME2E8

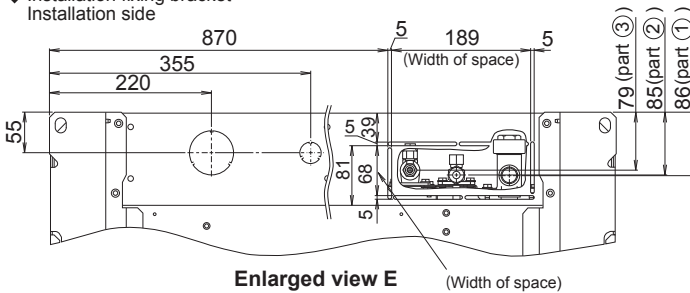


Top view



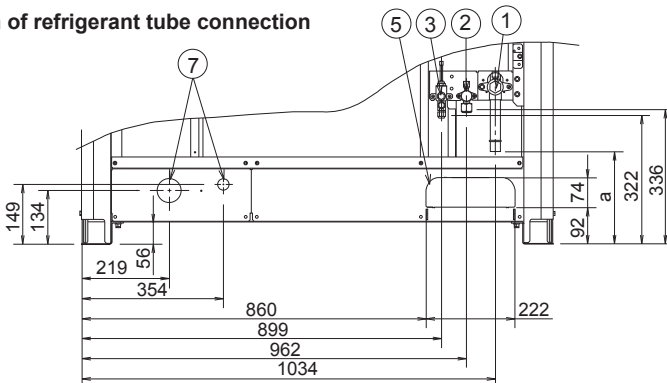
Front view

◆ Installation fixing bracket
Installation side



Enlarged view E

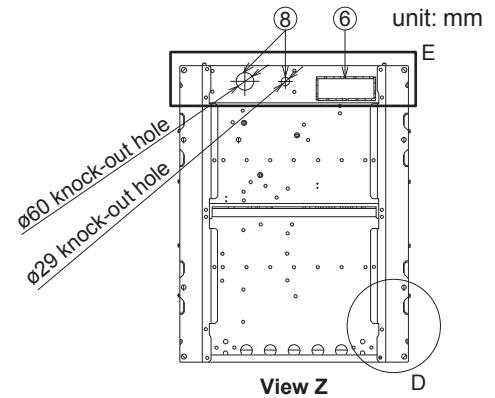
Position of refrigerant tube connection



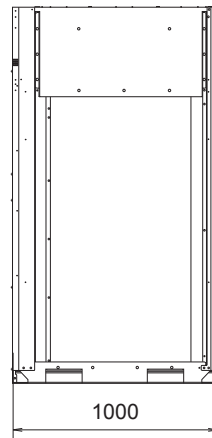
Dimension of refrigerant tube connecting position

Types of unit	12HP	14HP	16HP
a	231	231	154

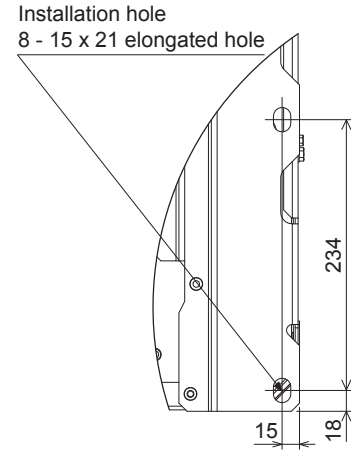
• 16hp unit dimensions shows a case using the connection tubing supplied with the unit.



View Z



Side view



Enlarged view D

According to the installation site, you may choose the setting position in the depth direction of the anchor bolt from "A", "B" or "C".
A : 964 (Installation hole pitch) * The tubing is routed out from the front.
B : 730 (Installation hole pitch) * The tubing is routed out from the bottom.
C : 730 (Installation hole pitch)

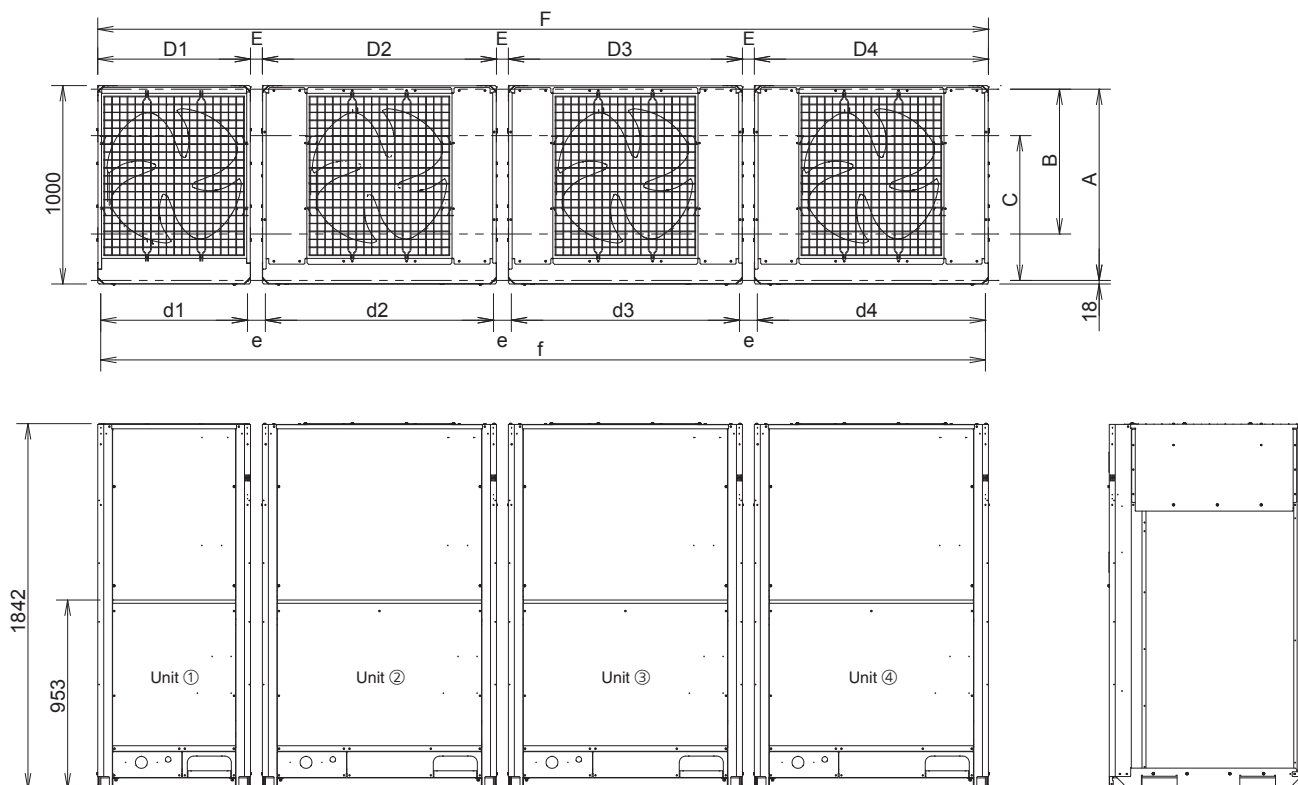
	Types of unit		12HP	14HP	16HP
①	Refrigerant tubing (gas tube)	brazed connection	ø25.4	ø25.4	ø28.58
②	Refrigerant tubing (liquid tube)	flared connection	ø12.7	ø12.7	ø12.7
③	Refrigerant tubing (balance tube)	flared connection	ø6.35	ø6.35	ø6.35
④	Installation holes(8-15x21 elongated holes), anchor bolts M12 or larger				
⑤	Refrigerant tubing port (front: knock-out hole)				
⑥	Refrigerant tubing port (bottom: slit hole)				
⑦	Electrical wiring port (front: ø60, ø29 knock-out hole - for conduit connection)				
⑧	Electrical wiring port (bottom: ø60, ø29 knock-out hole - for conduit connection)				
⑨	Pressure outlet port (for high pressure: ø7.94 Schrader-type connection)				
⑩	Pressure outlet port (for low pressure: ø7.94 Schrader-type connection)				
⑪	Terminal plate				
⑫	Terminal plate for inter-unit control wiring and/or inter-outdoor unit control wiring				

1. Outdoor Unit

1-3. Multiple Unit Installation Example

● Diagrams for 18hp ~ 64hp

Unit: mm



Capacity	Combination				Dimensions of single unit				Distance between units		Dimensions of combination unit		Dimensions of single unit installation hole				Distance between unit installation hole		Dimensions of combination unit installation hole	
	①	②	③	④	D1	D2	D3	D4	E(+1)	E(+2)	F(+1)	F(+2)	d1	d2	d3	d4	e(+1)	e(+2)	f(+1)	f(+2)
8HP	8	—	—	—	770	—	—	—	—	—	770	770	740	—	—	—	—	—	740	740
10HP	10	—	—	—	770	—	—	—	—	—	770	770	740	—	—	—	—	—	740	740
12HP	12	—	—	—	1180	—	—	—	—	—	1180	1180	1150	—	—	—	—	—	1150	1150
14HP	14	—	—	—	1180	—	—	—	—	—	1180	1180	1150	—	—	—	—	—	1150	1150
16HP	16	—	—	—	1180	—	—	—	—	—	1180	1180	1150	—	—	—	—	—	1150	1150
18HP	8	10	—	—	770	770	—	—	60	180	1600	1720	740	740	—	—	90	210	1570	1690
20HP	10	10	—	—	770	770	—	—	60	180	1600	1720	740	740	—	—	90	210	1570	1690
22HP	10	12	—	—	770	1180	—	—	60	180	2010	2130	740	1150	—	—	90	210	1980	2100
24HP	12	12	—	—	1180	1180	—	—	60	180	2420	2540	1150	1150	—	—	90	210	2390	2510
26HP	10	16	—	—	770	1180	—	—	60	180	2010	2130	740	1150	—	—	90	210	1980	2100
28HP	12	16	—	—	1180	1180	—	—	60	180	2420	2540	1150	1150	—	—	90	210	2390	2510
30HP	14	16	—	—	1180	1180	—	—	60	180	2420	2540	1150	1150	—	—	90	210	2390	2510
32HP	16	16	—	—	1180	1180	—	—	60	180	2420	2540	1150	1150	—	—	90	210	2390	2510
34HP	10	12	12	—	770	1180	1180	—	60	180	3250	3490	740	1150	1150	—	90	210	3220	3460
36HP	12	12	12	—	1180	1180	1180	—	60	180	3660	3900	1150	1150	1150	—	90	210	3630	3870
38HP	10	12	16	—	770	1180	1180	—	60	180	3250	3490	740	1150	1150	—	90	210	3220	3460
40HP	12	12	16	—	1180	1180	1180	—	60	180	3660	3900	1150	1150	1150	—	90	210	3630	3870
42HP	10	16	16	—	770	1180	1180	—	60	180	3250	3490	740	1150	1150	—	90	210	3220	3460
44HP	12	16	16	—	1180	1180	1180	—	60	180	3660	3900	1150	1150	1150	—	90	210	3630	3870
46HP	14	16	16	—	1180	1180	1180	—	60	180	3660	3900	1150	1150	1150	—	90	210	3630	3870
48HP	16	16	16	—	1180	1180	1180	—	60	180	3660	3900	1150	1150	1150	—	90	210	3630	3870
50HP	10	12	12	16	770	1180	1180	1180	60	180	4490	4850	740	1150	1150	1150	90	210	4460	4820
52HP	12	12	12	16	1180	1180	1180	1180	60	180	4900	5260	1150	1150	1150	1150	90	210	4870	5230
54HP	10	12	16	16	770	1180	1180	1180	60	180	4490	4850	740	1150	1150	1150	90	210	4460	4820
56HP	12	12	16	16	1180	1180	1180	1180	60	180	4900	5260	1150	1150	1150	1150	90	210	4870	5230
58HP	10	16	16	16	770	1180	1180	1180	60	180	4490	4850	740	1150	1150	1150	90	210	4460	4820
60HP	12	16	16	16	1180	1180	1180	1180	60	180	4900	5260	1150	1150	1150	1150	90	210	4870	5230
62HP	14	16	16	16	1180	1180	1180	1180	60	180	4900	5260	1150	1150	1150	1150	90	210	4870	5230
64HP	16	16	16	16	1180	1180	1180	1180	60	180	4900	5260	1150	1150	1150	1150	90	210	4870	5230

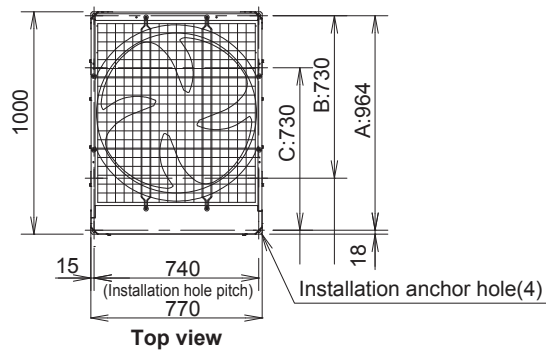
According to the installation site, you may choose the setting position in the depth direction of the anchor bolt from A, B or C.
A: 964: (Installation hole pitch) : For removing tube forward. Use the data with the asterisk (*) in combination of each unit dimension.
B: 730: (Installation hole pitch) : For removing tube downward. Use the data with the asterisk (*) in combination of each unit dimension.
C: 730: (Installation hole pitch) : Use the data with the asterisk (*) in combination of each unit dimension.

1. Outdoor Unit

1-4. Position of Center of Gravity

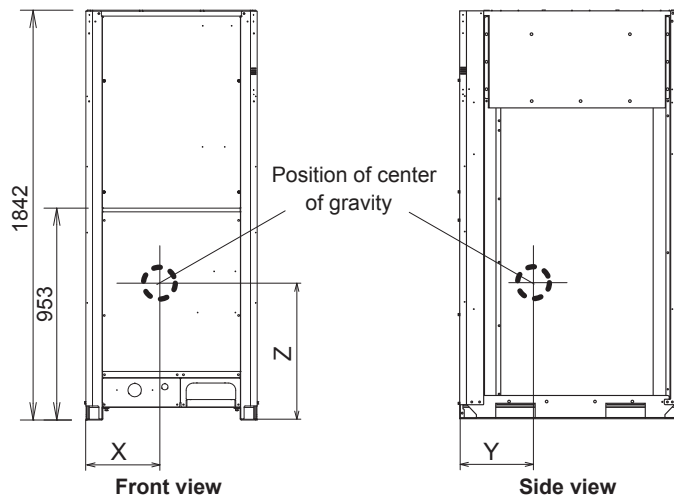
U-8ME8E8, U-10ME2E8

Unit: mm



Position of center of gravity

Model	Position of center of gravity			Weight (kg)
	X	Y	Z	
U-8ME2E8	375	455	890	210
U-10ME2E8	375	455	890	210

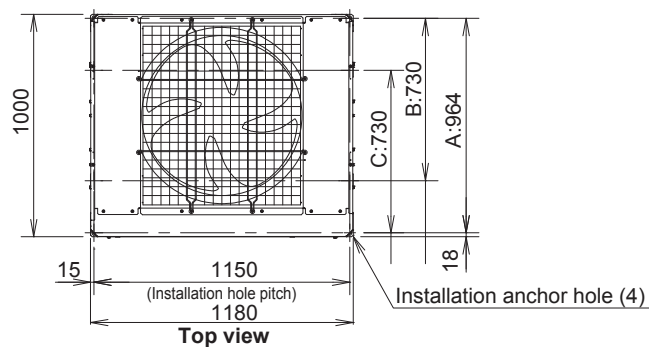


- According to the installation site, you may choose the setting position in the depth direction of the anchor bolt from "A", "B" or "C".

A : 964 (Installation hole pitch) * The tubing is routed out from the front.
B : 730 (Installation hole pitch) * The tubing is routed out from the bottom.
C : 730 (Installation hole pitch)

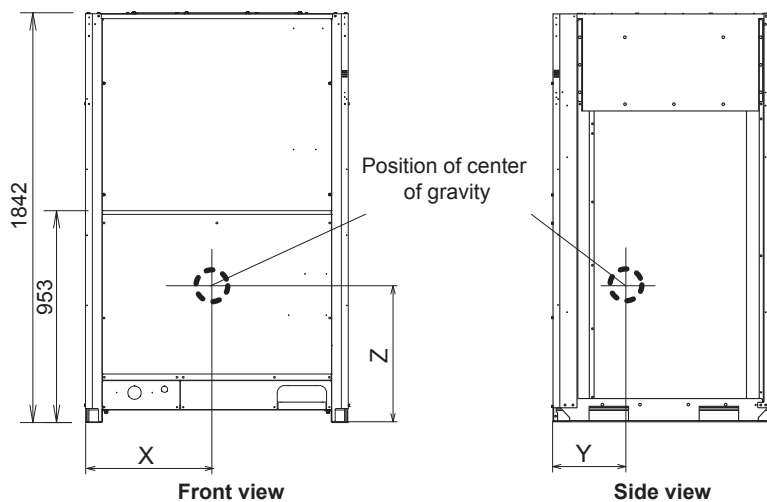
U-12ME2E8, U-14ME2E8, U-16ME2E8

Unit: mm



Position of center of gravity

Model	Position of center of gravity			Weight (kg)
	X	Y	Z	
U-12ME2E8	630	480	870	270
U-14ME2E8	615	440	785	315
U-16ME2E8	615	440	785	315



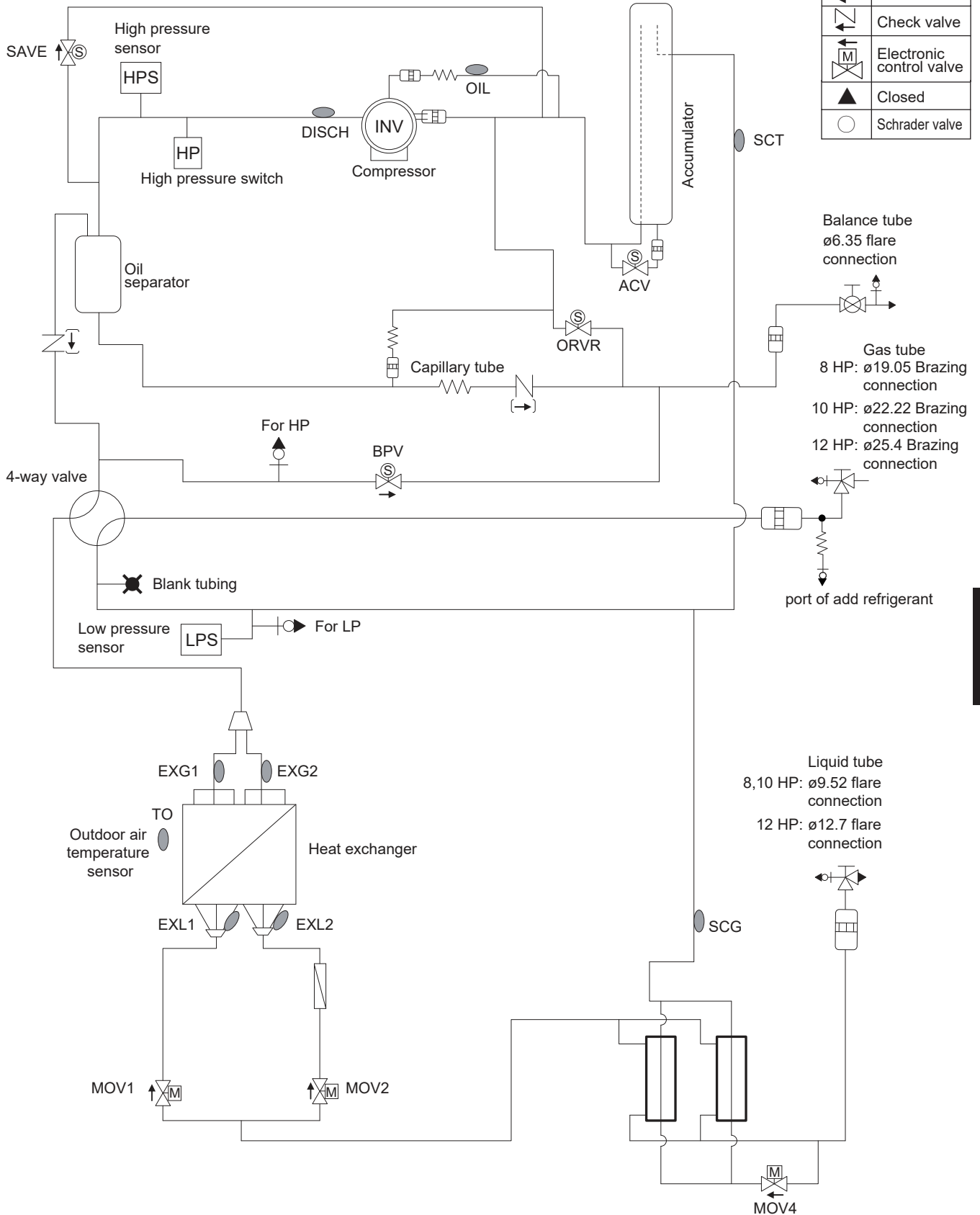
- According to the installation site, you may choose the setting position in the depth direction of the anchor bolt from "A", "B" or "C".

A : 964 (Installation hole pitch) * The tubing is routed out from the front.
B : 730 (Installation hole pitch) * The tubing is routed out from the bottom.
C : 730 (Installation hole pitch)

1. Outdoor Unit

1-5. Refrigerant Flow Diagram

U-8ME2E8, U-10ME2E8, U-12ME2E8

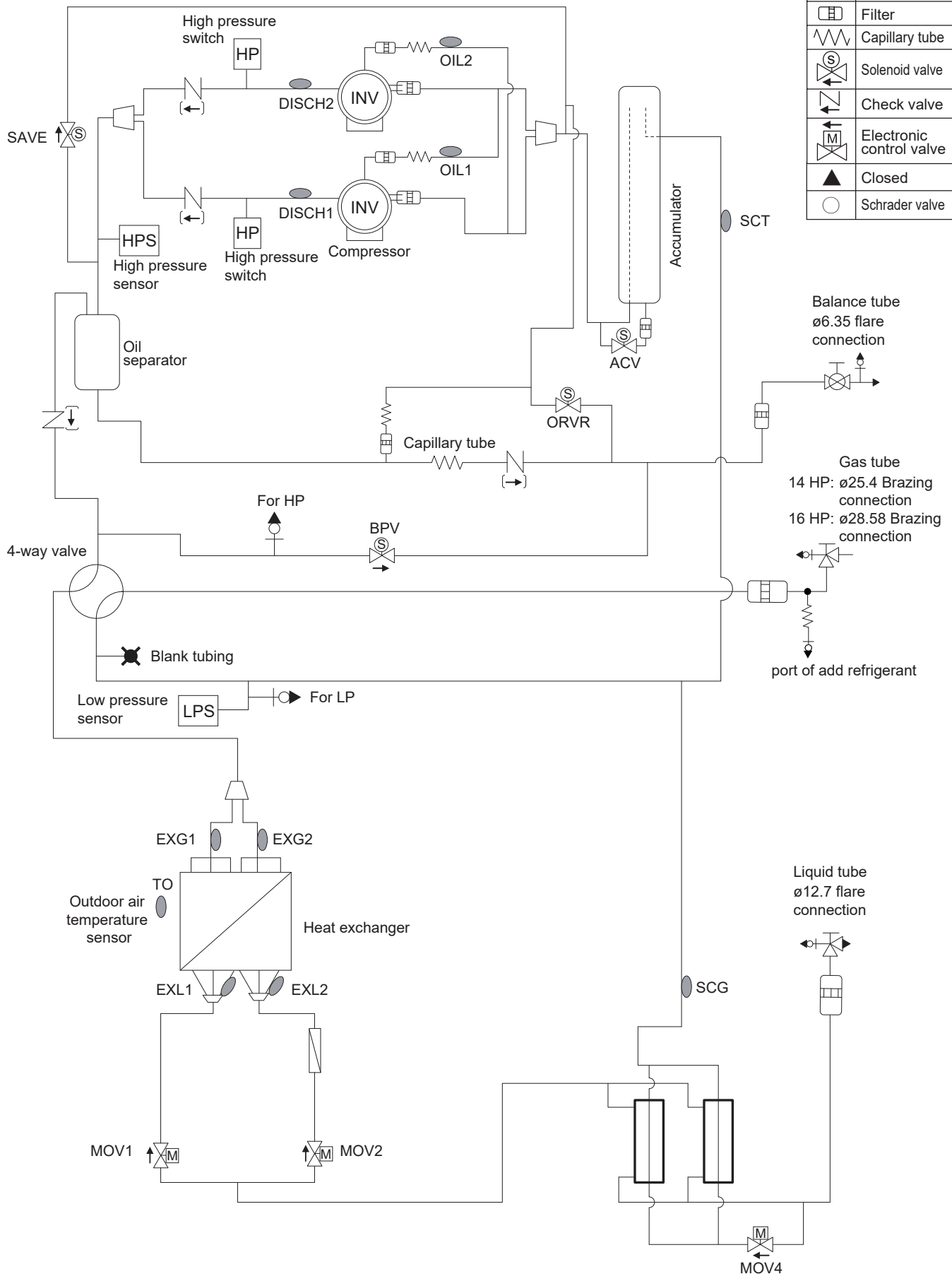


1. Outdoor Unit

1-5. Refrigerant Flow Diagram (continued)

U-14ME2E8, U-16ME2E8

Ex.	Name
	Thermistor
	Filter
	Capillary tube
	Solenoid valve
	Check valve
	Electronic control valve
	Closed
	Schrader valve

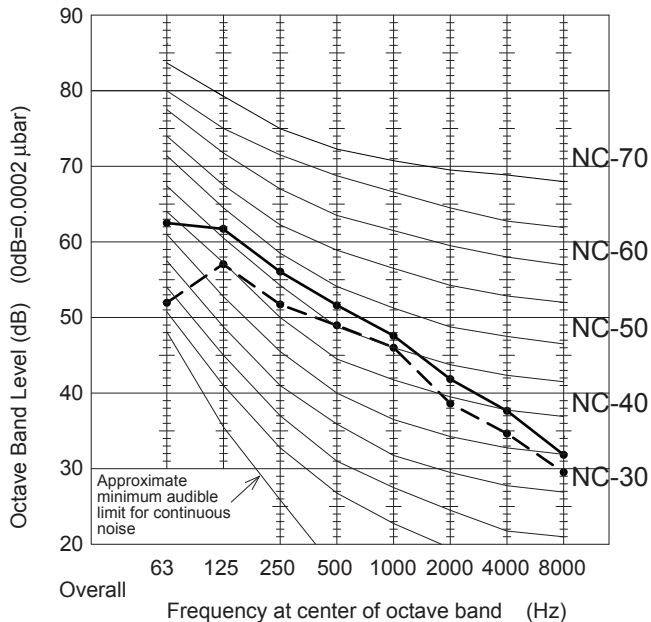


1. Outdoor Unit

1-6. Noise Criterion Curves

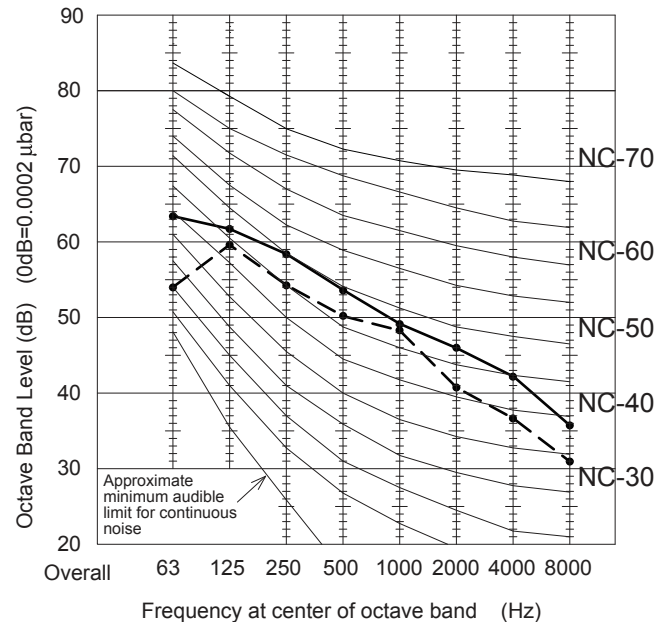
MODEL	U-8ME2E8
SOUND LEVEL dB(A) (Cooling/Heating)	54.0 (Quiet mode 51.0)
CONDITION	1 m in front at height of 1.5 m

50Hz
 ● Standard mode
 ● Quiet mode



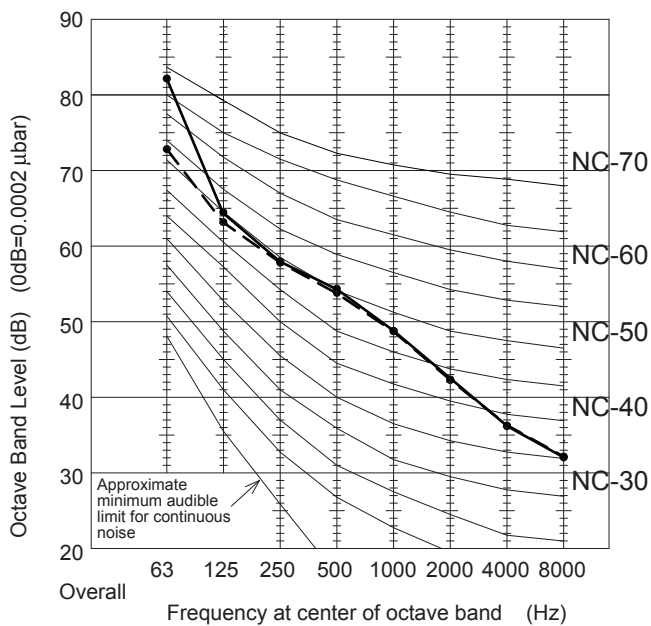
MODEL	U-10ME2E8
SOUND LEVEL dB(A) (Cooling/Heating)	56.0 (Quiet mode 53.0)
CONDITION	1 m in front at height of 1.5 m

50Hz
 ● Standard mode
 ● Quiet mode



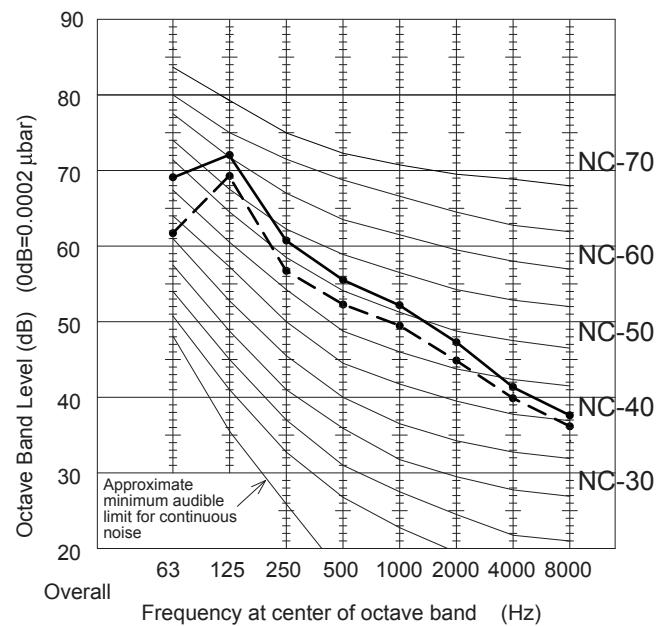
MODEL	U-12ME2E8
SOUND LEVEL dB(A) (Cooling/Heating)	59.0 (Quiet mode 56.0)
CONDITION	1 m in front at height of 1.5 m

50Hz
 ● Standard mode
 ● Quiet mode



MODEL	U-14ME2E8
SOUND LEVEL dB(A) (Cooling/Heating)	60.0 (Quiet mode 57.0)
CONDITION	1 m in front at height of 1.5 m

50Hz
 ● Standard mode
 ● Quiet mode



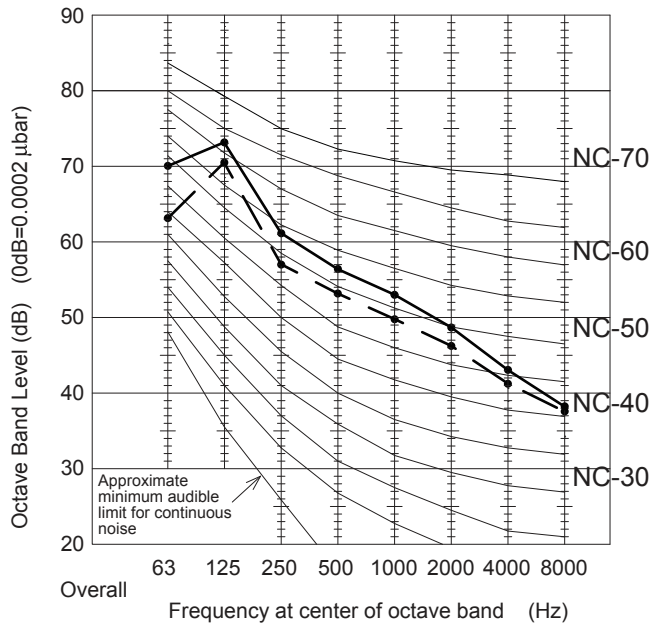
1. Outdoor Unit

1-6. Noise Criterion Curves (continued)

MODEL	U-16ME2E8
SOUND LEVEL dB(A) (Cooling/Heating)	61.0 (Quiet mode 58.0)
CONDITION	1 m in front at height of 1.5 m

50Hz

—●— Standard mode
-●- Quiet mode



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1. Capacity of Outdoor Unit

1-1. U-8ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-10.0	19.4	2.12	23.3	2.54	24.1	2.63	24.1	2.63	27.3	2.99	30.5	3.34	33.7	3.69
	-5.0	19.4	2.12	23.3	2.55	24.1	2.64	24.1	2.64	27.3	2.99	30.5	3.34	33.7	3.69
	0.0	19.4	2.13	23.3	2.55	24.1	2.64	24.1	2.64	27.3	2.99	30.5	3.35	33.7	3.70
	5.0	19.4	2.13	23.3	2.56	24.1	2.65	24.1	2.65	27.3	3.00	30.5	3.35	33.7	3.70
	10.0	19.4	2.14	23.3	2.56	24.1	2.66	24.1	2.66	27.3	3.02	30.5	3.38	33.7	3.73
	15.0	19.4	2.14	23.3	2.58	24.1	2.70	24.1	2.70	27.3	3.08	30.5	3.46	33.7	3.82
	20.0	19.4	2.20	23.3	2.67	24.1	2.86	24.1	2.86	27.3	3.28	30.5	3.84	33.7	4.45
	25.0	19.4	2.53	23.3	3.14	24.1	3.52	24.1	3.52	27.3	4.16	30.5	4.86	33.7	5.61
	30.0	19.4	3.17	23.3	3.93	24.1	4.35	24.1	4.35	27.3	5.13	30.5	5.95	33.4	6.68
	35.0	19.4	3.85	23.3	4.77	24.1	5.25	24.1	5.25	27.3	6.16	29.6	6.68	30.8	6.68
	40.0	19.4	4.59	23.3	5.67	24.1	6.22	24.1	6.22	26.1	6.68	27.2	6.68	28.4	6.68
	43.0	19.4	5.06	23.3	6.25	23.7	6.68	23.7	6.68	24.8	6.68	25.8	6.53	26.5	6.24
	46.0	19.2	5.09	19.3	5.09	19.3	5.09	19.3	5.09	20.0	4.90	20.8	4.75	21.7	4.65
	52.0	8.1	2.01	8.6	2.01	8.6	2.01	8.6	2.01	9.5	2.08	10.6	2.16	11.7	2.24

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120%	-10.0	17.9	1.96	21.5	2.35	23.5	2.57	23.5	2.57	26.7	2.92	29.8	3.26	32.9	3.60
	-5.0	17.9	1.96	21.5	2.35	23.5	2.58	23.5	2.58	26.7	2.92	29.8	3.26	32.9	3.60
	0.0	17.9	1.96	21.5	2.36	23.5	2.58	23.5	2.58	26.7	2.92	29.8	3.27	32.9	3.61
	5.0	17.9	1.97	21.5	2.36	23.5	2.59	23.5	2.59	26.7	2.93	29.8	3.27	32.9	3.62
	10.0	17.9	1.97	21.5	2.37	23.5	2.59	23.5	2.59	26.7	2.95	29.8	3.30	32.9	3.65
	15.0	17.9	1.98	21.5	2.38	23.5	2.63	23.5	2.63	26.7	3.01	29.8	3.38	32.9	3.73
	20.0	17.9	2.03	21.5	2.47	23.5	2.78	23.5	2.78	26.7	3.20	29.8	3.70	32.9	4.29
	25.0	17.9	2.34	21.5	2.90	23.5	3.41	23.5	3.41	26.7	4.02	29.8	4.69	32.9	5.40
	30.0	17.9	2.93	21.5	3.62	23.5	4.22	23.5	4.22	26.7	4.96	29.8	5.75	32.9	6.60
	35.0	17.9	3.56	21.5	4.39	23.5	5.09	23.5	5.09	26.7	5.97	29.3	6.68	30.6	6.68
	40.0	17.9	4.24	21.5	5.23	23.5	6.03	23.5	6.03	25.9	6.68	27.0	6.68	28.2	6.68
	43.0	17.9	4.67	21.5	5.76	23.5	6.63	23.5	6.63	24.6	6.68	25.7	6.57	26.3	6.26
	46.0	17.7	5.08	19.2	5.10	19.2	5.10	19.2	5.10	19.8	4.90	20.6	4.74	21.5	4.62
	52.0	7.5	1.98	8.3	1.98	8.4	1.98	8.4	1.98	9.3	2.04	10.3	2.11	11.4	2.18

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-10.0	16.4	1.80	19.7	2.16	23.0	2.51	23.0	2.51	26.0	2.85	29.1	3.18	32.1	3.52
	-5.0	16.4	1.80	19.7	2.16	23.0	2.52	23.0	2.52	26.0	2.85	29.1	3.19	32.1	3.52
	0.0	16.4	1.80	19.7	2.16	23.0	2.52	23.0	2.52	26.0	2.86	29.1	3.19	32.1	3.52
	5.0	16.4	1.81	19.7	2.17	23.0	2.53	23.0	2.53	26.0	2.86	29.1	3.20	32.1	3.53
	10.0	16.4	1.81	19.7	2.17	23.0	2.53	23.0	2.53	26.0	2.87	29.1	3.22	32.1	3.56
	15.0	16.4	1.82	19.7	2.18	23.0	2.57	23.0	2.57	26.0	2.93	29.1	3.30	32.1	3.64
	20.0	16.4	1.86	19.7	2.27	23.0	2.71	23.0	2.71	26.0	3.11	29.1	3.56	32.1	4.12
	25.0	16.4	2.16	19.7	2.66	23.0	3.30	23.0	3.30	26.0	3.89	29.1	4.52	32.1	5.21
	30.0	16.4	2.69	19.7	3.32	23.0	4.08	23.0	4.08	26.0	4.79	29.1	5.55	32.1	6.37
	35.0	16.4	3.27	19.7	4.02	23.0	4.93	23.0	4.93	26.0	5.77	29.1	6.67	30.3	6.68
	40.0	16.4	3.89	19.7	4.79	23.0	5.84	23.0	5.84	25.7	6.68	26.8	6.68	28.0	6.68
	43.0	16.4	4.29	19.7	5.27	23.0	6.43	23.0	6.43	24.5	6.68	25.5	6.62	26.1	6.29
	46.0	16.3	4.66	19.1	5.13	19.1	5.13	19.1	5.13	19.7	4.91	20.4	4.74	21.2	4.60
	52.0	7.0	1.95	7.6	1.95	8.2	1.95	8.2	1.95	9.1	2.01	10.0	2.07	11.1	2.13

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	-10.0	14.9	1.63	17.9	1.96	20.9	2.29	22.4	2.45	25.4	2.78	28.4	3.10	31.4	3.43
	-5.0	14.9	1.64	17.9	1.96	20.9	2.29	22.4	2.45	25.4	2.78	28.4	3.11	31.4	3.43
	0.0	14.9	1.64	17.9	1.97	20.9	2.29	22.4	2.46	25.4	2.79	28.4	3.11	31.4	3.44
	5.0	14.9	1.64	17.9	1.97	20.9	2.30	22.4	2.46	25.4	2.79	28.4	3.12	31.4	3.45
	10.0	14.9	1.65	17.9	1.98	20.9	2.31	22.4	2.47	25.4	2.80	28.4	3.14	31.4	3.47
	15.0	14.9	1.66	17.9	1.99	20.9	2.33	22.4	2.50	25.4	2.85	28.4	3.21	31.4	3.55
	20.0	14.9	1.70	17.9	2.06	20.9	2.44	22.4	2.63	25.4	3.02	28.4	3.42	31.4	3.96
	25.0	14.9	1.98	17.9	2.43	20.9	2.92	22.4	3.19	25.4	3.75	28.4	4.36	31.4	5.01
	30.0	14.9	2.46	17.9	3.02	20.9	3.63	22.4	3.95	25.4	4.63	28.4	5.36	31.4	6.14
	35.0	14.9	2.98	17.9	3.66	20.9	4.39	22.4	4.77	25.4	5.58	28.4	6.44	30.0	6.68
	40.0	14.9	3.55	17.9	4.35	20.9	5.21	22.4	5.66	25.4	6.61	26.6	6.68	27.7	6.68
	43.0	14.9	3.91	17.9	4.79	20.9	5.73	22.4	6.23	24.3	6.68	25.4	6.68	25.9	6.33
	46.0	14.8	4.24	17.7	5.20	18.8	5.29	19.0	5.15	19.6	4.92	20.2	4.73	21.0	4.59
	52.0	6.4	1.85	7.0	1.87	7.7	1.90	8.1	1.92	8.9	1.97	9.8	2.02	10.8	2.08

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-8ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-10.0	13.4	1.47	16.1	1.77	18.8	2.06	20.2	2.21	22.8	2.50	25.5	2.79	28.2	3.09
	-5.0	13.4	1.47	16.1	1.77	18.8	2.06	20.2	2.21	22.8	2.50	25.5	2.80	28.2	3.09
	0.0	13.4	1.48	16.1	1.77	18.8	2.07	20.2	2.21	22.8	2.51	25.5	2.80	28.2	3.10
	5.0	13.4	1.48	16.1	1.77	18.8	2.07	20.2	2.22	22.8	2.51	25.5	2.81	28.2	3.10
	10.0	13.4	1.48	16.1	1.78	18.8	2.08	20.2	2.22	22.8	2.52	25.5	2.82	28.2	3.12
	15.0	13.4	1.49	16.1	1.79	18.8	2.09	20.2	2.24	22.8	2.55	25.5	2.87	28.2	3.19
	20.0	13.4	1.51	16.1	1.84	18.8	2.17	20.2	2.34	22.8	2.68	25.5	3.03	28.2	3.38
	25.0	13.4	1.74	16.1	2.14	18.8	2.55	20.2	2.77	22.8	3.24	25.5	3.74	28.2	4.27
	30.0	13.4	2.19	16.1	2.66	18.8	3.18	20.2	3.45	22.8	4.01	25.5	4.62	28.2	5.26
	35.0	13.4	2.65	16.1	3.23	18.8	3.85	20.2	4.17	22.8	4.85	25.5	5.57	28.2	6.33
	40.0	13.4	3.15	16.1	3.84	18.8	4.57	20.2	4.95	22.8	5.75	25.5	6.59	26.7	6.68
	43.0	13.4	3.47	16.1	4.23	18.8	5.03	20.2	5.45	22.8	6.33	24.5	6.68	25.4	6.57
	46.0	13.3	3.77	16.0	4.59	18.6	5.47	18.8	5.31	19.1	5.01	19.5	4.77	20.1	4.57
	52.0	6.2	1.80	6.6	1.80	7.2	1.80	7.5	1.81	8.1	1.83	8.9	1.86	9.7	1.90

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80%	-10.0	11.9	1.31	14.3	1.57	16.7	1.83	17.9	1.96	20.3	2.22	22.7	2.48	25.1	2.75
	-5.0	11.9	1.31	14.3	1.57	16.7	1.83	17.9	1.96	20.3	2.23	22.7	2.49	25.1	2.75
	0.0	11.9	1.31	14.3	1.57	16.7	1.84	17.9	1.97	20.3	2.23	22.7	2.49	25.1	2.75
	5.0	11.9	1.32	14.3	1.58	16.7	1.84	17.9	1.97	20.3	2.23	22.7	2.50	25.1	2.76
	10.0	11.9	1.32	14.3	1.58	16.7	1.85	17.9	1.98	20.3	2.24	22.7	2.50	25.1	2.77
	15.0	11.9	1.33	14.3	1.59	16.7	1.85	17.9	1.99	20.3	2.26	22.7	2.53	25.1	2.81
	20.0	11.9	1.34	14.3	1.62	16.7	1.91	17.9	2.05	20.3	2.35	22.7	2.65	25.1	2.96
	25.0	11.9	1.51	14.3	1.86	16.7	2.20	17.9	2.38	20.3	2.76	22.7	3.17	25.1	3.60
	30.0	11.9	1.93	14.3	2.32	16.7	2.75	17.9	2.97	20.3	3.44	22.7	3.94	25.1	4.46
	35.0	11.9	2.33	14.3	2.82	16.7	3.34	17.9	3.60	20.3	4.17	22.7	4.76	25.1	5.38
	40.0	11.9	2.77	14.3	3.35	16.7	3.97	17.9	4.29	20.3	4.95	22.7	5.65	25.1	6.38
	43.0	11.9	3.05	14.3	3.69	16.7	4.37	17.9	4.72	20.3	5.45	22.7	6.22	24.5	6.68
	46.0	11.8	3.31	14.2	4.01	16.6	4.75	17.7	5.13	18.8	5.22	19.0	4.91	19.4	4.65
	52.0	5.9	1.77	6.3	1.74	6.7	1.73	6.9	1.72	7.4	1.72	8.0	1.73	8.6	1.74

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-10.0	10.5	1.15	12.5	1.37	14.6	1.60	15.7	1.72	17.8	1.95	19.9	2.17	22.0	2.40
	-5.0	10.5	1.15	12.5	1.38	14.6	1.60	15.7	1.72	17.8	1.95	19.9	2.18	22.0	2.41
	0.0	10.5	1.15	12.5	1.38	14.6	1.61	15.7	1.72	17.8	1.95	19.9	2.18	22.0	2.41
	5.0	10.5	1.15	12.5	1.38	14.6	1.61	15.7	1.73	17.8	1.96	19.9	2.19	22.0	2.42
	10.0	10.5	1.16	12.5	1.39	14.6	1.62	15.7	1.73	17.8	1.96	19.9	2.19	22.0	2.42
	15.0	10.5	1.16	12.5	1.39	14.6	1.62	15.7	1.74	17.8	1.97	19.9	2.21	22.0	2.44
	20.0	10.5	1.17	12.5	1.41	14.6	1.65	15.7	1.77	17.8	2.03	19.9	2.28	22.0	2.54
	25.0	10.5	1.28	12.5	1.58	14.6	1.88	15.7	2.03	17.8	2.33	19.9	2.65	22.0	2.99
	30.0	10.5	1.68	12.5	2.01	14.6	2.35	15.7	2.53	17.8	2.91	19.9	3.31	22.0	3.72
	35.0	10.5	2.03	12.5	2.43	14.6	2.86	15.7	3.07	17.8	3.53	19.9	4.01	22.0	4.51
	40.0	10.5	2.41	12.5	2.89	14.6	3.40	15.7	3.66	17.8	4.20	19.9	4.77	22.0	5.36
	43.0	10.5	2.65	12.5	3.19	14.6	3.75	15.7	4.03	17.8	4.63	19.9	5.25	22.0	5.90
	46.0	10.3	2.88	12.4	3.46	14.5	4.07	15.5	4.38	17.6	5.03	18.7	5.20	18.9	4.87
	52.0	5.8	1.77	6.0	1.71	6.3	1.67	6.5	1.66	6.8	1.63	7.3	1.62	7.8	1.61

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60%	-10.0	9.0	0.98	10.8	1.18	12.5	1.37	13.4	1.47	15.2	1.67	17.0	1.86	18.8	2.06
	-5.0	9.0	0.98	10.8	1.18	12.5	1.38	13.4	1.47	15.2	1.67	17.0	1.87	18.8	2.06
	0.0	9.0	0.99	10.8	1.18	12.5	1.38	13.4	1.48	15.2	1.67	17.0	1.87	18.8	2.07
	5.0	9.0	0.99	10.8	1.18	12.5	1.38	13.4	1.48	15.2	1.68	17.0	1.87	18.8	2.07
	10.0	9.0	0.99	10.8	1.19	12.5	1.39	13.4	1.48	15.2	1.68	17.0	1.88	18.8	2.08
	15.0	9.0	1.00	10.8	1.20	12.5	1.39	13.4	1.49	15.2	1.69	17.0	1.89	18.8	2.09
	20.0	9.0	1.01	10.8	1.21	12.5	1.41	13.4	1.51	15.2	1.72	17.0	1.93	18.8	2.15
	25.0	9.0	1.07	10.8	1.31	12.5	1.56	13.4	1.67	15.2	1.93	17.0	2.18	18.8	2.44
	30.0	9.0	1.45	10.8	1.71	12.5	1.99	13.4	2.13	15.2	2.42	17.0	2.73	18.8	3.06
	35.0	9.0	1.75	10.8	2.07	12.5	2.41	13.4	2.58	15.2	2.95	17.0	3.32	18.8	3.71
	40.0	9.0	2.07	10.8	2.46	12.5	2.87	13.4	3.08	15.2	3.51	17.0	3.95	18.8	4.42
	43.0	9.0	2.27	10.8	2.71	12.5	3.16	13.4	3.39	15.2	3.87	17.0	4.36	18.8	4.87
	46.0	8.9	2.46	10.6	2.94	12.4	3.43	13.3	3.68	15.1	4.20	16.9	4.74	18.6	5.30
	52.0	5.6	1.78	5.8	1.71	6.0	1.64	6.1	1.62	6.3	1.57	6.6	1.54	7.0	1.50

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-8ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-10.0	7.5	0.82	9.0	0.98	10.5	1.15	11.2	1.23	12.7	1.39	14.2	1.55	15.7	1.72
	-5.0	7.5	0.82	9.0	0.98	10.5	1.15	11.2	1.23	12.7	1.39	14.2	1.56	15.7	1.72
	0.0	7.5	0.82	9.0	0.99	10.5	1.15	11.2	1.23	12.7	1.39	14.2	1.56	15.7	1.72
	5.0	7.5	0.82	9.0	0.99	10.5	1.15	11.2	1.23	12.7	1.40	14.2	1.56	15.7	1.73
	10.0	7.5	0.83	9.0	0.99	10.5	1.16	11.2	1.24	12.7	1.40	14.2	1.57	15.7	1.73
	15.0	7.5	0.83	9.0	1.00	10.5	1.16	11.2	1.24	12.7	1.41	14.2	1.57	15.7	1.74
	20.0	7.5	0.84	9.0	1.01	10.5	1.17	11.2	1.25	12.7	1.42	14.2	1.59	15.7	1.76
	25.0	7.5	0.87	9.0	1.06	10.5	1.25	11.2	1.34	12.7	1.55	14.2	1.75	15.7	1.96
	30.0	7.5	1.23	9.0	1.43	10.5	1.64	11.2	1.75	12.7	1.98	14.2	2.21	15.7	2.45
	35.0	7.5	1.48	9.0	1.73	10.5	1.99	11.2	2.12	12.7	2.40	14.2	2.69	15.7	2.98
	40.0	7.5	1.74	9.0	2.05	10.5	2.37	11.2	2.53	12.7	2.86	14.2	3.20	15.7	3.56
	43.0	7.5	1.91	9.0	2.25	10.5	2.60	11.2	2.78	12.7	3.15	14.2	3.53	15.7	3.92
	46.0	7.4	2.06	8.9	2.44	10.3	2.83	11.1	3.02	12.6	3.43	14.0	3.84	15.5	4.27
	52.0	5.5	1.84	5.6	1.74	5.7	1.66	5.8	1.62	6.0	1.55	6.1	1.49	6.4	1.44

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40%	-10.0	6.0	0.66	7.2	0.79	8.4	0.92	9.0	0.98	10.2	1.11	11.3	1.24	12.5	1.38
	-5.0	6.0	0.66	7.2	0.79	8.4	0.92	9.0	0.98	10.2	1.11	11.3	1.25	12.5	1.38
	0.0	6.0	0.66	7.2	0.79	8.4	0.92	9.0	0.99	10.2	1.12	11.3	1.25	12.5	1.38
	5.0	6.0	0.66	7.2	0.79	8.4	0.92	9.0	0.99	10.2	1.12	11.3	1.25	12.5	1.38
	10.0	6.0	0.66	7.2	0.79	8.4	0.93	9.0	0.99	10.2	1.12	11.3	1.25	12.5	1.39
	15.0	6.0	0.67	7.2	0.80	8.4	0.93	9.0	1.00	10.2	1.13	11.3	1.26	12.5	1.39
	20.0	6.0	0.67	7.2	0.81	8.4	0.94	9.0	1.01	10.2	1.14	11.3	1.27	12.5	1.40
	25.0	6.0	0.69	7.2	0.83	8.4	0.97	9.0	1.04	10.2	1.19	11.3	1.35	12.5	1.50
	30.0	6.0	1.02	7.2	1.18	8.4	1.33	9.0	1.41	10.2	1.57	11.3	1.74	12.5	1.91
	35.0	6.0	1.22	7.2	1.41	8.4	1.60	9.0	1.70	10.2	1.91	11.3	2.11	12.5	2.33
	40.0	6.0	1.43	7.2	1.66	8.4	1.90	9.0	2.02	10.2	2.26	11.3	2.52	12.5	2.77
	43.0	6.0	1.56	7.2	1.82	8.4	2.08	9.0	2.22	10.2	2.49	11.3	2.77	12.5	3.06
	46.0	5.9	1.68	7.1	1.97	8.3	2.26	8.9	2.41	10.1	2.71	11.2	3.01	12.4	3.32
	52.0	4.8	1.68	5.5	1.84	5.6	1.73	5.6	1.68	5.7	1.59	5.8	1.51	5.9	1.44

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30%	-10.0	4.5	0.49	5.4	0.59	6.3	0.69	6.7	0.74	7.6	0.84	8.5	0.93	9.4	1.03
	-5.0	4.5	0.49	5.4	0.59	6.3	0.69	6.7	0.74	7.6	0.84	8.5	0.94	9.4	1.03
	0.0	4.5	0.49	5.4	0.59	6.3	0.69	6.7	0.74	7.6	0.84	8.5	0.94	9.4	1.04
	5.0	4.5	0.50	5.4	0.59	6.3	0.69	6.7	0.74	7.6	0.84	8.5	0.94	9.4	1.04
	10.0	4.5	0.50	5.4	0.60	6.3	0.70	6.7	0.74	7.6	0.84	8.5	0.94	9.4	1.04
	15.0	4.5	0.50	5.4	0.60	6.3	0.70	6.7	0.75	7.6	0.85	8.5	0.95	9.4	1.05
	20.0	4.5	0.51	5.4	0.61	6.3	0.71	6.7	0.75	7.6	0.86	8.5	0.95	9.4	1.05
	25.0	4.5	0.52	5.4	0.62	6.3	0.72	6.7	0.77	7.6	0.87	8.5	0.98	9.4	1.08
	30.0	4.5	0.83	5.4	0.94	6.3	1.04	6.7	1.10	7.6	1.21	8.5	1.32	9.4	1.43
	35.0	4.5	0.98	5.4	1.11	6.3	1.25	6.7	1.31	7.6	1.45	8.5	1.59	9.4	1.73
	40.0	4.5	1.13	5.4	1.30	6.3	1.46	6.7	1.55	7.6	1.72	8.5	1.89	9.4	2.06
	43.0	4.5	1.23	5.4	1.41	6.3	1.60	6.7	1.69	7.6	1.88	8.5	2.07	9.4	2.27
	46.0	4.4	1.32	5.3	1.52	6.2	1.73	6.7	1.83	7.5	2.04	8.4	2.25	9.3	2.46
	52.0	3.6	1.32	4.4	1.52	5.1	1.73	5.4	1.83	5.5	1.74	5.6	1.63	5.6	1.53

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

1-2. U-8ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-24.9	-25.0	12.5	5.11	12.2	5.04	11.5	4.89	11.2	4.81	10.2	4.54	9.4	4.33	7.6	3.71
	-19.8	-20.0	14.6	5.28	14.2	5.20	13.5	5.03	13.1	4.94	11.9	4.64	11.1	4.41	8.9	3.76
	-14.7	-15.0	16.9	5.51	16.5	5.42	15.6	5.23	15.2	5.13	13.8	4.80	12.9	4.55	10.4	3.86
	-9.6	-10.0	19.5	5.86	19.1	5.76	18.1	5.54	17.6	5.43	16.1	5.07	15.0	4.80	12.2	4.04
	-4.4	-5.0	22.7	6.30	22.1	6.20	21.0	5.98	20.5	5.86	18.7	5.45	17.5	5.14	14.2	4.27
	-1.8	-2.5	24.4	6.44	23.9	6.34	22.7	6.10	22.1	5.98	20.1	5.57	18.8	5.26	15.3	4.39
	0.8	0.0	26.3	6.55	25.6	6.44	24.4	6.19	23.7	6.06	21.7	5.63	20.2	5.32	16.4	4.43
	2.8	2.0	27.8	6.62	27.2	6.50	25.8	6.25	25.1	6.12	23.0	5.68	21.5	5.36	16.9	4.27
	6.0	5.0	30.4	6.72	29.7	6.61	27.9	6.21	26.9	5.98	23.9	5.30	21.9	4.85	16.9	3.78
	7.0	6.0	30.9	6.59	29.9	6.36	27.9	5.92	26.9	5.70	23.9	5.06	21.9	4.64	16.9	3.63
	8.6	7.5	30.9	6.09	29.9	5.89	27.9	5.48	26.9	5.28	23.9	4.70	21.9	4.32	16.9	3.40
	11.2	10.0	30.9	5.30	29.9	5.13	27.9	4.79	26.9	4.63	23.9	4.14	21.9	3.82	16.9	3.03
	16.4	15.0	30.9	3.89	29.9	3.78	27.9	3.57	26.9	3.46	23.9	3.14	21.9	2.93	16.9	2.39
	24.0	18.0	30.9	3.85	29.9	3.74	27.9	3.52	26.9	3.40	23.9	3.07	21.9	2.84	16.9	2.29

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120%	-24.9	-25.0	12.5	5.05	12.2	4.99	11.5	4.84	11.2	4.76	10.1	4.49	9.4	4.29	7.5	3.67
	-19.8	-20.0	14.6	5.22	14.2	5.14	13.4	4.98	13.0	4.89	11.8	4.59	11.0	4.37	8.8	3.72
	-14.7	-15.0	16.8	5.46	16.4	5.37	15.6	5.18	15.1	5.08	13.8	4.75	12.8	4.51	10.3	3.82
	-9.6	-10.0	19.5	5.81	19.0	5.71	18.1	5.50	17.6	5.39	16.0	5.02	15.0	4.76	12.1	4.00
	-4.4	-5.0	22.7	6.23	22.1	6.13	21.0	5.92	20.4	5.80	18.7	5.40	17.4	5.10	14.1	4.25
	-1.8	-2.5	24.4	6.36	23.8	6.26	22.6	6.03	22.0	5.91	20.1	5.51	18.8	5.21	15.2	4.35
	0.8	0.0	26.2	6.47	25.6	6.36	24.3	6.12	23.7	5.99	21.6	5.57	20.2	5.26	16.4	4.39
	2.8	2.0	27.8	6.53	27.1	6.42	25.8	6.17	25.1	6.04	22.9	5.61	21.4	5.29	16.5	4.12
	6.0	5.0	30.1	6.55	29.2	6.33	27.2	5.90	26.3	5.68	23.3	5.05	21.4	4.64	16.5	3.64
	7.0	6.0	30.1	6.23	29.2	6.02	27.2	5.61	26.3	5.41	23.3	4.82	21.4	4.44	16.5	3.49
	8.6	7.5	30.1	5.75	29.2	5.56	27.2	5.20	26.3	5.02	23.3	4.48	21.4	4.13	16.5	3.27
	11.2	10.0	30.1	5.00	29.2	4.84	27.2	4.54	26.3	4.39	23.3	3.95	21.4	3.65	16.5	2.92
	16.4	15.0	30.1	3.77	29.2	3.66	27.2	3.44	26.3	3.33	23.3	3.01	21.4	2.80	16.5	2.30
	24.0	18.0	30.1	3.77	29.2	3.66	27.2	3.44	26.3	3.33	23.3	3.01	21.4	2.79	16.5	2.24

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-24.9	-25.0	12.4	5.00	12.1	4.93	11.5	4.79	11.1	4.71	10.1	4.44	9.4	4.24	7.5	3.64
	-19.8	-20.0	14.5	5.17	14.1	5.09	13.4	4.92	13.0	4.84	11.8	4.54	11.0	4.32	8.8	3.68
	-14.7	-15.0	16.8	5.41	16.4	5.32	15.5	5.13	15.1	5.03	13.7	4.71	12.8	4.47	10.3	3.79
	-9.6	-10.0	19.5	5.73	19.0	5.66	18.0	5.46	17.5	5.34	16.0	4.98	14.9	4.72	12.1	3.97
	-4.4	-5.0	22.6	6.16	22.1	6.07	21.0	5.86	20.4	5.74	18.6	5.35	17.4	5.06	14.1	4.22
	-1.8	-2.5	24.4	6.29	23.8	6.18	22.6	5.96	22.0	5.84	20.1	5.44	18.7	5.15	15.1	4.30
	0.8	0.0	26.2	6.38	25.6	6.28	24.3	6.04	23.6	5.91	21.6	5.50	20.1	5.19	16.1	4.28
	2.8	2.0	27.8	6.45	27.1	6.33	25.7	6.09	25.0	5.96	22.8	5.51	20.9	5.06	16.1	3.96
	6.0	5.0	29.4	6.19	28.5	5.99	26.6	5.59	25.6	5.40	22.8	4.82	20.9	4.44	16.1	3.51
	7.0	6.0	29.4	5.88	28.5	5.69	26.6	5.32	25.6	5.14	22.8	4.60	20.9	4.24	16.1	3.36
	8.6	7.5	29.4	5.42	28.5	5.26	26.6	4.92	25.6	4.76	22.8	4.27	20.9	3.95	16.1	3.15
	11.2	10.0	29.4	4.71	28.5	4.57	26.6	4.30	25.6	4.17	22.8	3.76	20.9	3.49	16.1	2.81
	16.4	15.0	29.4	3.69	28.5	3.58	26.6	3.37	25.6	3.26	22.8	2.94	20.9	2.73	16.1	2.22
	24.0	18.0	29.4	3.69	28.5	3.58	26.6	3.37	25.6	3.26	22.8	2.94	20.9	2.73	16.1	2.20

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	-24.9	-25.0	12.4	4.95	12.1	4.88	11.4	4.74	11.1	4.66	10.0	4.40	9.3	4.20	7.4	3.60
	-19.8	-20.0	14.5	5.12	14.1	5.04	13.3	4.88	12.9	4.79	11.7	4.50	10.9	4.28	8.7	3.65
	-14.7	-15.0	16.8	5.36	16.3	5.27	15.5	5.09	15.0	4.99	13.7	4.67	12.7	4.43	10.2	3.75
	-9.6	-10.0	19.5	5.72	19.0	5.59	18.0	5.41	17.5	5.30	15.9	4.94	14.9	4.68	12.0	3.94
	-4.4	-5.0	22.6	6.09	22.1	6.00	20.9	5.79	20.4	5.68	18.6	5.30	17.3	5.01	14.0	4.19
	-1.8	-2.5	24.4	6.21	23.8	6.11	22.6	5.89	21.9	5.77	20.0	5.38	18.6	5.09	15.1	4.26
	0.8	0.0	26.2	6.30	25.6	6.19	24.3	5.96	23.6	5.84	21.5	5.43	20.1	5.13	15.7	4.12
	2.8	2.0	27.7	6.36	27.1	6.25	25.7	6.02	25.0	5.89	22.2	5.26	20.4	4.84	15.7	3.81
	6.0	5.0	28.7	5.84	27.8	5.66	25.9	5.30	25.0	5.12	22.2	4.59	20.4	4.24	15.7	3.37
	7.0	6.0	28.7	5.54	27.8	5.37	25.9	5.04	25.0	4.87	22.2	4.37	20.4	4.05	15.7	3.23
	8.6	7.5	28.7	5.11	27.8	4.96	25.9	4.66	25.0	4.51	22.2	4.06	20.4	3.77	15.7	3.03
	11.2	10.0	28.7	4.42	27.8	4.30	25.9	4.06	25.0	3.94	22.2	3.58	20.4	3.33	15.7	2.71
	16.4	15.0	28.7	3.61	27.8	3.50	25.9	3.30	25.0	3.19	22.2	2.88	20.4	2.67	15.7	2.15
	24.0	18.0	28.7	3.61	27.8	3.50	25.9	3.30	25.0	3.19	22.2	2.88	20.4	2.67	15.7	2.15

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-8ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-24.9	-25.0	12.3	4.75	11.9	4.68	11.3	4.55	10.9	4.47	9.9	4.22	9.1	4.03	7.3	3.47
	-19.8	-20.0	14.3	4.93	13.9	4.85	13.2	4.69	12.8	4.60	11.6	4.32	10.7	4.12	8.6	3.51
	-14.7	-15.0	16.6	5.18	16.2	5.10	15.3	4.91	14.9	4.82	13.5	4.50	12.5	4.27	10.1	3.62
	-9.6	-10.0	19.4	5.57	18.9	5.48	17.9	5.26	17.4	5.14	15.8	4.79	14.7	4.53	11.8	3.81
	-4.4	-5.0	22.5	5.82	22.0	5.73	20.8	5.54	20.2	5.43	18.4	5.08	17.1	4.82	13.8	4.04
	-1.8	-2.5	24.3	5.92	23.7	5.82	22.4	5.62	21.8	5.51	19.8	5.14	18.3	4.83	14.2	3.86
	0.8	0.0	25.8	5.88	25.0	5.72	23.3	5.39	22.5	5.22	20.0	4.72	18.3	4.38	14.2	3.52
	2.8	2.0	25.8	5.36	25.0	5.21	23.3	4.92	22.5	4.78	20.0	4.33	18.3	4.04	14.2	3.29
	6.0	5.0	25.8	4.65	25.0	4.55	23.3	4.33	22.5	4.22	20.0	3.88	18.3	3.62	14.2	2.94
	7.0	6.0	25.8	4.54	25.0	4.43	23.3	4.19	22.5	4.07	20.0	3.70	18.3	3.45	14.2	2.81
	8.6	7.5	25.8	4.18	25.0	4.07	23.3	3.86	22.5	3.76	20.0	3.43	18.3	3.21	14.2	2.64
	11.2	10.0	25.8	3.60	25.0	3.52	23.3	3.36	22.5	3.28	20.0	3.02	18.3	2.84	14.2	2.36
	16.4	15.0	25.8	3.29	25.0	3.19	23.3	3.01	22.5	2.91	20.0	2.63	18.3	2.44	14.2	1.98
	24.0	18.0	25.8	3.29	25.0	3.19	23.3	3.01	22.5	2.91	20.0	2.63	18.3	2.44	14.2	1.98

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80%	-24.9	-25.0	12.2	4.59	11.8	4.53	11.1	4.39	10.8	4.32	9.7	4.08	9.0	3.90	7.1	3.35
	-19.8	-20.0	14.2	4.77	13.8	4.70	13.1	4.54	12.7	4.46	11.4	4.19	10.6	3.99	8.4	3.40
	-14.7	-15.0	16.6	5.04	16.1	4.96	15.2	4.78	14.8	4.68	13.4	4.37	12.4	4.15	9.9	3.52
	-9.6	-10.0	19.3	5.38	18.8	5.31	17.8	5.13	17.3	5.03	15.7	4.67	14.6	4.41	11.6	3.71
	-4.4	-5.0	22.6	5.59	22.0	5.51	20.7	5.31	20.0	5.17	17.8	4.71	16.3	4.39	12.6	3.57
	-1.8	-2.5	23.0	5.18	22.2	5.06	20.7	4.81	20.0	4.68	17.8	4.28	16.3	4.01	12.6	3.29
	0.8	0.0	23.0	4.61	22.2	4.52	20.7	4.33	20.0	4.23	17.8	3.90	16.3	3.67	12.6	3.04
	2.8	2.0	23.0	4.27	22.2	4.19	20.7	4.02	20.0	3.92	17.8	3.63	16.3	3.42	12.6	2.84
	6.0	5.0	23.0	3.78	22.2	3.72	20.7	3.57	20.0	3.49	17.8	3.24	16.3	3.05	12.6	2.53
	7.0	6.0	23.0	3.67	22.2	3.59	20.7	3.43	20.0	3.35	17.8	3.09	16.3	2.91	12.6	2.43
	8.6	7.5	23.0	3.36	22.2	3.30	20.7	3.16	20.0	3.09	17.8	2.87	16.3	2.71	12.6	2.28
	11.2	10.0	23.0	2.96	22.2	2.88	20.7	2.74	20.0	2.69	17.8	2.52	16.3	2.39	12.6	2.04
	16.4	15.0	23.0	2.96	22.2	2.88	20.7	2.72	20.0	2.63	17.8	2.38	16.3	2.22	12.6	1.80
	24.0	18.0	23.0	2.96	22.2	2.88	20.7	2.72	20.0	2.63	17.8	2.38	16.3	2.22	12.6	1.80

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-24.9	-25.0	12.2	4.50	11.8	4.44	11.1	4.31	10.8	4.23	9.7	4.00	9.0	3.82	7.1	3.29
	-19.8	-20.0	14.3	4.69	13.9	4.62	13.1	4.46	12.7	4.38	11.4	4.11	10.6	3.91	8.4	3.34
	-14.7	-15.0	16.7	4.97	16.2	4.89	15.3	4.71	14.9	4.62	13.4	4.31	12.4	4.09	9.9	3.46
	-9.6	-10.0	19.5	5.27	19.0	5.20	17.9	5.04	17.4	4.95	15.6	4.56	14.3	4.26	11.0	3.45
	-4.4	-5.0	20.1	4.52	19.4	4.43	18.1	4.26	17.5	4.17	15.6	3.87	14.3	3.65	11.0	3.04
	-1.8	-2.5	20.1	4.13	19.4	4.05	18.1	3.90	17.5	3.82	15.6	3.56	14.3	3.36	11.0	2.82
	0.8	0.0	20.1	3.75	19.4	3.69	18.1	3.55	17.5	3.48	15.6	3.25	14.3	3.08	11.0	2.60
	2.8	2.0	20.1	3.45	19.4	3.40	18.1	3.29	17.5	3.23	15.6	3.02	14.3	2.87	11.0	2.43
	6.0	5.0	20.1	3.04	19.4	3.00	18.1	2.90	17.5	2.85	15.6	2.68	14.3	2.55	11.0	2.16
	7.0	6.0	20.1	2.92	19.4	2.87	18.1	2.77	17.5	2.72	15.6	2.56	14.3	2.43	11.0	2.08
	8.6	7.5	20.1	2.66	19.4	2.63	18.1	2.55	17.5	2.51	15.6	2.37	14.3	2.26	11.0	1.95
	11.2	10.0	20.1	2.64	19.4	2.57	18.1	2.42	17.5	2.35	15.6	2.13	14.3	2.00	11.0	1.75
	16.4	15.0	20.1	2.64	19.4	2.57	18.1	2.42	17.5	2.35	15.6	2.13	14.3	1.99	11.0	1.62
	24.0	18.0	20.1	2.64	19.4	2.57	18.1	2.42	17.5	2.35	15.6	2.13	14.3	1.99	11.0	1.62

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60%	-24.9	-25.0	12.5	4.54	12.1	4.47	11.4	4.34	11.0	4.26	9.9	4.02	9.2	3.84	7.2	3.31
	-19.8	-20.0	14.7	4.74	14.3	4.67	13.4	4.51	13.0	4.42	11.7	4.15	10.8	3.94	8.6	3.36
	-14.7	-15.0	17.2	5.07	16.7	4.95	15.6	4.71	15.0	4.59	13.3	4.21	12.2	3.95	9.4	3.26
	-9.6	-10.0	17.2	4.31	16.7	4.24	15.6	4.09	15.0	4.01	13.3	3.74	12.2	3.54	9.4	2.95
	-4.4	-5.0	17.2	3.64	16.7	3.59	15.6	3.48	15.0	3.41	13.3	3.20	12.2	3.04	9.4	2.58
	-1.8	-2.5	17.2	3.32	16.7	3.27	15.6	3.17	15.0	3.12	13.3	2.93	12.2	2.79	9.4	2.38
	0.8	0.0	17.2	3.00	16.7	2.96	15.6	2.88	15.0	2.83	13.3	2.68	12.2	2.56	9.4	2.20
	2.8	2.0	17.2	2.75	16.7	2.72	15.6	2.66	15.0	2.62	13.3	2.48	12.2	2.37	9.4	2.05
	6.0	5.0	17.2	2.40	16.7	2.38	15.6	2.33	15.0	2.30	13.3	2.18	12.2	2.09	9.4	1.81
	7.0	6.0	17.2	2.32	16.7	2.26	15.6	2.20	15.0	2.18	13.3	2.08	12.2	2.00	9.4	1.75
	8.6	7.5	17.2	2.32	16.7	2.26	15.6	2.13	15.0	2.07	13.3	1.93	12.2	1.86	9.4	1.65
	11.2	10.0	17.2	2.32	16.7	2.26	15.6	2.13	15.0	2.07	13.3	1.88	12.2	1.76	9.4	1.48
	16.4	15.0	17.2	2.32	16.7	2.26	15.6	2.13	15.0	2.07	13.3	1.88	12.2	1.76	9.4	1.45
	24.0	18.0	17.2	2.32	16.7	2.26	15.6	2.13	15.0	2.07	13.3	1.88	12.2	1.76	9.4	1.45

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-8ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-24.9	-25.0	13.3	4.77	12.9	4.70	12.1	4.55	11.7	4.48	10.5	4.22	9.7	4.02	7.7	3.46
	-19.8	-20.0	14.4	4.52	13.9	4.43	13.0	4.25	12.5	4.15	11.1	3.85	10.2	3.63	7.9	3.04
	-14.7	-15.0	14.4	4.01	13.9	3.95	13.0	3.81	12.5	3.73	11.1	3.43	10.2	3.25	7.9	2.71
	-9.6	-10.0	14.4	3.44	13.9	3.40	13.0	3.29	12.5	3.24	11.1	3.04	10.2	2.90	7.9	2.47
	-4.4	-5.0	14.4	2.89	13.9	2.86	13.0	2.78	12.5	2.74	11.1	2.60	10.2	2.49	7.9	2.14
	-1.8	-2.5	14.4	2.62	13.9	2.59	13.0	2.54	12.5	2.50	11.1	2.38	10.2	2.28	7.9	1.98
	0.8	0.0	14.4	2.36	13.9	2.34	13.0	2.30	12.5	2.27	11.1	2.17	10.2	2.09	7.9	1.83
	2.8	2.0	14.4	2.16	13.9	2.15	13.0	2.11	12.5	2.09	11.1	2.01	10.2	1.94	7.9	1.70
	6.0	5.0	14.4	2.00	13.9	1.95	13.0	1.84	12.5	1.80	11.1	1.74	10.2	1.69	7.9	1.51
	7.0	6.0	14.4	2.00	13.9	1.95	13.0	1.84	12.5	1.79	11.1	1.66	10.2	1.62	7.9	1.46
	8.6	7.5	14.4	2.00	13.9	1.95	13.0	1.84	12.5	1.79	11.1	1.63	10.2	1.53	7.9	1.37
	11.2	10.0	14.4	2.00	13.9	1.95	13.0	1.84	12.5	1.79	11.1	1.63	10.2	1.53	7.9	1.27
	16.4	15.0	14.4	2.00	13.9	1.95	13.0	1.84	12.5	1.79	11.1	1.63	10.2	1.53	7.9	1.27
	24.0	18.0	14.4	2.00	13.9	1.95	13.0	1.84	12.5	1.79	11.1	1.63	10.2	1.53	7.9	1.27

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40%	-24.9	-25.0	11.5	3.97	11.1	3.90	10.4	3.77	10.0	3.69	8.9	3.46	8.1	3.29	6.3	2.81
	-19.8	-20.0	11.5	3.54	11.1	3.48	10.4	3.34	10.0	3.27	8.9	3.05	8.1	2.89	6.3	2.46
	-14.7	-15.0	11.5	3.12	11.1	3.08	10.4	3.00	10.0	2.95	8.9	2.77	8.1	2.62	6.3	2.21
	-9.6	-10.0	11.5	2.67	11.1	2.64	10.4	2.58	10.0	2.54	8.9	2.41	8.1	2.31	6.3	2.00
	-4.4	-5.0	11.5	2.23	11.1	2.21	10.4	2.17	10.0	2.15	8.9	2.06	8.1	1.98	6.3	1.74
	-1.8	-2.5	11.5	2.02	11.1	2.01	10.4	1.98	10.0	1.96	8.9	1.89	8.1	1.82	6.3	1.62
	0.8	0.0	11.5	1.81	11.1	1.80	10.4	1.78	10.0	1.77	8.9	1.71	8.1	1.66	6.3	1.48
	2.8	2.0	11.5	1.68	11.1	1.63	10.4	1.62	10.0	1.61	8.9	1.57	8.1	1.53	6.3	1.38
	6.0	5.0	11.5	1.68	11.1	1.63	10.4	1.55	10.0	1.51	8.9	1.38	8.1	1.34	6.3	1.23
	7.0	6.0	11.5	1.68	11.1	1.63	10.4	1.55	10.0	1.51	8.9	1.38	8.1	1.30	6.3	1.19
	8.6	7.5	11.5	1.68	11.1	1.63	10.4	1.55	10.0	1.51	8.9	1.38	8.1	1.30	6.3	1.13
	11.2	10.0	11.5	1.68	11.1	1.63	10.4	1.55	10.0	1.51	8.9	1.38	8.1	1.30	6.3	1.09
	16.4	15.0	11.5	1.68	11.1	1.63	10.4	1.55	10.0	1.51	8.9	1.38	8.1	1.30	6.3	1.09
	24.0	18.0	11.5	1.68	11.1	1.63	10.4	1.55	10.0	1.51	8.9	1.38	8.1	1.30	6.3	1.09

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30%	-24.9	-25.0	8.6	2.97	8.3	2.92	7.8	2.82	7.5	2.77	6.7	2.61	6.1	2.49	4.7	2.16
	-19.8	-20.0	8.6	2.68	8.3	2.64	7.8	2.52	7.5	2.48	6.7	2.32	6.1	2.21	4.7	1.90
	-14.7	-15.0	8.6	2.32	8.3	2.30	7.8	2.24	7.5	2.21	6.7	2.11	6.1	2.02	4.7	1.72
	-9.6	-10.0	8.6	1.98	8.3	1.97	7.8	1.93	7.5	1.91	6.7	1.83	6.1	1.77	4.7	1.56
	-4.4	-5.0	8.6	1.65	8.3	1.64	7.8	1.62	7.5	1.61	6.7	1.56	6.1	1.51	4.7	1.36
	-1.8	-2.5	8.6	1.47	8.3	1.47	7.8	1.46	7.5	1.46	6.7	1.42	6.1	1.39	4.7	1.26
	0.8	0.0	8.6	1.35	8.3	1.32	7.8	1.31	7.5	1.31	6.7	1.29	6.1	1.26	4.7	1.16
	2.8	2.0	8.6	1.35	8.3	1.32	7.8	1.26	7.5	1.23	6.7	1.19	6.1	1.17	4.7	1.09
	6.0	5.0	8.6	1.35	8.3	1.32	7.8	1.26	7.5	1.23	6.7	1.14	6.1	1.07	4.7	0.98
	7.0	6.0	8.6	1.35	8.3	1.32	7.8	1.26	7.5	1.23	6.7	1.14	6.1	1.07	4.7	0.95
	8.6	7.5	8.6	1.35	8.3	1.32	7.8	1.26	7.5	1.23	6.7	1.14	6.1	1.07	4.7	0.92
	11.2	10.0	8.6	1.35	8.3	1.32	7.8	1.26	7.5	1.23	6.7	1.14	6.1	1.07	4.7	0.92
	16.4	15.0	8.6	1.35	8.3	1.32	7.8	1.26	7.5	1.23	6.7	1.14	6.1	1.07	4.7	0.92
	24.0	18.0	8.6	1.35	8.3	1.32	7.8	1.26	7.5	1.23	6.7	1.14	6.1	1.07	4.7	0.92

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

1-3. U-10ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-10.0	24.3	2.88	29.1	3.45	30.1	3.58	30.1	3.58	34.1	4.05	38.1	4.53	42.1	5.00
	-5.0	24.3	2.88	29.1	3.46	30.1	3.58	30.1	3.58	34.1	4.06	38.1	4.53	42.1	5.01
	0.0	24.3	2.88	29.1	3.46	30.1	3.58	30.1	3.58	34.1	4.06	38.1	4.54	42.1	5.01
	5.0	24.3	2.89	29.1	3.47	30.1	3.59	30.1	3.59	34.1	4.07	38.1	4.55	42.1	5.02
	10.0	24.3	2.90	29.1	3.47	30.1	3.60	30.1	3.60	34.1	4.09	38.1	4.58	42.1	5.06
	15.0	24.3	2.90	29.1	3.49	30.1	3.65	30.1	3.65	34.1	4.16	38.1	4.67	42.1	5.16
	20.0	24.3	2.97	29.1	3.60	30.1	3.83	30.1	3.83	34.1	4.39	38.1	5.14	42.1	5.98
	25.0	24.3	3.36	29.1	4.20	30.1	4.71	30.1	4.71	34.1	5.58	38.1	6.53	42.1	7.55
	30.0	24.3	4.23	29.1	5.26	30.1	5.85	30.1	5.85	34.1	6.89	38.1	8.02	41.7	8.97
	35.0	24.3	5.16	29.1	6.41	30.1	7.06	30.1	7.06	34.1	8.30	36.9	8.97	38.5	8.97
	40.0	24.3	6.17	29.1	7.64	30.1	8.38	30.1	8.38	32.6	8.97	34.0	8.97	35.5	8.97
	43.0	24.3	6.81	29.1	8.42	29.6	8.97	29.6	8.97	31.0	8.97	32.3	8.80	33.1	8.41
	46.0	24.0	6.84	24.2	6.84	24.2	6.84	24.2	6.84	25.0	6.58	26.0	6.39	27.2	6.24
	52.0	10.1	2.66	10.7	2.66	10.7	2.66	10.7	2.66	11.9	2.76	13.2	2.86	14.6	2.97

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120%	-10.0	22.4	2.66	26.9	3.19	29.4	3.49	29.4	3.49	33.3	3.96	37.2	4.42	41.2	4.89
	-5.0	22.4	2.66	26.9	3.19	29.4	3.50	29.4	3.50	33.3	3.96	37.2	4.43	41.2	4.89
	0.0	22.4	2.66	26.9	3.20	29.4	3.50	29.4	3.50	33.3	3.97	37.2	4.43	41.2	4.90
	5.0	22.4	2.67	26.9	3.20	29.4	3.51	29.4	3.51	33.3	3.97	37.2	4.44	41.2	4.91
	10.0	22.4	2.68	26.9	3.21	29.4	3.52	29.4	3.52	33.3	3.99	37.2	4.47	41.2	4.94
	15.0	22.4	2.68	26.9	3.23	29.4	3.56	29.4	3.56	33.3	4.06	37.2	4.56	41.2	5.04
	20.0	22.4	2.74	26.9	3.33	29.4	3.73	29.4	3.73	33.3	4.28	37.2	4.95	41.2	5.75
	25.0	22.4	3.11	26.9	3.87	29.4	4.56	29.4	4.56	33.3	5.39	37.2	6.30	41.2	7.27
	30.0	22.4	3.91	26.9	4.85	29.4	5.66	29.4	5.66	33.3	6.67	37.2	7.75	41.2	8.90
	35.0	22.4	4.76	26.9	5.90	29.4	6.84	29.4	6.84	33.3	8.04	36.6	8.97	38.1	8.97
	40.0	22.4	5.69	26.9	7.03	29.4	8.12	29.4	8.12	32.3	8.97	33.7	8.97	35.2	8.97
	43.0	22.4	6.28	26.9	7.75	29.4	8.94	29.4	8.94	30.8	8.97	32.1	8.86	32.9	8.44
	46.0	22.2	6.83	24.0	6.86	24.0	6.86	24.0	6.86	24.8	6.59	25.7	6.37	26.8	6.21
	52.0	9.4	2.62	10.3	2.62	10.5	2.62	10.5	2.62	11.6	2.70	12.9	2.80	14.2	2.89

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-10.0	20.5	2.44	24.6	2.93	28.7	3.41	28.7	3.41	32.5	3.86	36.4	4.32	40.2	4.77
	-5.0	20.5	2.44	24.6	2.93	28.7	3.41	28.7	3.41	32.5	3.87	36.4	4.32	40.2	4.78
	0.0	20.5	2.44	24.6	2.93	28.7	3.42	28.7	3.42	32.5	3.87	36.4	4.33	40.2	4.78
	5.0	20.5	2.45	24.6	2.94	28.7	3.42	28.7	3.42	32.5	3.88	36.4	4.33	40.2	4.79
	10.0	20.5	2.45	24.6	2.94	28.7	3.43	28.7	3.43	32.5	3.89	36.4	4.36	40.2	4.82
	15.0	20.5	2.46	24.6	2.96	28.7	3.47	28.7	3.47	32.5	3.96	36.4	4.45	40.2	4.92
	20.0	20.5	2.51	24.6	3.05	28.7	3.63	28.7	3.63	32.5	4.16	36.4	4.76	40.2	5.53
	25.0	20.5	2.86	24.6	3.54	28.7	4.41	28.7	4.41	32.5	5.21	36.4	6.07	40.2	7.00
	30.0	20.5	3.59	24.6	4.44	28.7	5.48	28.7	5.48	32.5	6.44	36.4	7.48	40.2	8.58
	35.0	20.5	4.37	24.6	5.40	28.7	6.62	28.7	6.62	32.5	7.77	36.3	8.95	37.8	8.97
	40.0	20.5	5.22	24.6	6.43	28.7	7.87	28.7	7.87	32.1	8.97	33.5	8.97	34.9	8.97
	43.0	20.5	5.75	24.6	7.09	28.7	8.67	28.7	8.67	30.5	8.97	31.9	8.93	32.6	8.48
	46.0	20.3	6.26	23.9	6.89	23.9	6.89	23.9	6.89	24.6	6.60	25.5	6.36	26.5	6.18
	52.0	8.7	2.58	9.6	2.58	10.3	2.58	10.3	2.58	11.4	2.65	12.6	2.74	13.9	2.82

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	-10.0	18.7	2.22	22.4	2.66	26.1	3.10	28.0	3.33	31.7	3.77	35.5	4.21	39.2	4.66
	-5.0	18.7	2.22	22.4	2.66	26.1	3.11	28.0	3.33	31.7	3.77	35.5	4.22	39.2	4.66
	0.0	18.7	2.22	22.4	2.67	26.1	3.11	28.0	3.33	31.7	3.78	35.5	4.22	39.2	4.67
	5.0	18.7	2.23	22.4	2.67	26.1	3.12	28.0	3.34	31.7	3.78	35.5	4.23	39.2	4.67
	10.0	18.7	2.23	22.4	2.68	26.1	3.12	28.0	3.35	31.7	3.80	35.5	4.25	39.2	4.70
	15.0	18.7	2.24	22.4	2.69	26.1	3.15	28.0	3.38	31.7	3.86	35.5	4.33	39.2	4.80
	20.0	18.7	2.29	22.4	2.78	26.1	3.28	28.0	3.53	31.7	4.05	35.5	4.58	39.2	5.31
	25.0	18.7	2.61	22.4	3.22	26.1	3.90	28.0	4.26	31.7	5.02	35.5	5.85	39.2	6.74
	30.0	18.7	3.27	22.4	4.03	26.1	4.86	28.0	5.30	31.7	6.22	35.5	7.21	39.2	8.27
	35.0	18.7	3.98	22.4	4.90	26.1	5.89	28.0	6.41	31.7	7.51	35.5	8.68	37.5	8.97
	40.0	18.7	4.75	22.4	5.84	26.1	7.01	28.0	7.62	31.7	8.91	33.2	8.97	34.6	8.97
	43.0	18.7	5.23	22.4	6.43	26.1	7.72	28.0	8.39	30.3	8.97	31.7	8.97	32.4	8.53
	46.0	18.5	5.69	22.2	7.00	23.6	7.12	23.8	6.93	24.4	6.61	25.3	6.36	26.2	6.16
	52.0	8.1	2.44	8.8	2.46	9.6	2.51	10.1	2.54	11.1	2.60	12.2	2.68	13.5	2.76

* Use the above table when choosing the model of outdoor unit.

See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-10ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-10.0	16.8	2.00	20.2	2.40	23.5	2.79	25.2	2.99	28.6	3.39	31.9	3.79	35.3	4.19
	-5.0	16.8	2.00	20.2	2.40	23.5	2.80	25.2	3.00	28.6	3.40	31.9	3.80	35.3	4.20
	0.0	16.8	2.00	20.2	2.40	23.5	2.80	25.2	3.00	28.6	3.40	31.9	3.80	35.3	4.20
	5.0	16.8	2.01	20.2	2.41	23.5	2.81	25.2	3.01	28.6	3.41	31.9	3.81	35.3	4.21
	10.0	16.8	2.01	20.2	2.41	23.5	2.81	25.2	3.01	28.6	3.41	31.9	3.82	35.3	4.23
	15.0	16.8	2.02	20.2	2.42	23.5	2.83	25.2	3.03	28.6	3.45	31.9	3.88	35.3	4.30
	20.0	16.8	2.05	20.2	2.48	23.5	2.92	25.2	3.14	28.6	3.60	31.9	4.06	35.3	4.52
	25.0	16.8	2.31	20.2	2.83	23.5	3.39	25.2	3.69	28.6	4.32	31.9	5.01	35.3	5.74
	30.0	16.8	2.90	20.2	3.55	23.5	4.24	25.2	4.61	28.6	5.38	31.9	6.21	35.3	7.08
	35.0	16.8	3.53	20.2	4.32	23.5	5.16	25.2	5.59	28.6	6.52	31.9	7.50	35.3	8.53
	40.0	16.8	4.21	20.2	5.14	23.5	6.14	25.2	6.66	28.6	7.74	31.9	8.89	33.4	8.97
	43.0	16.8	4.64	20.2	5.67	23.5	6.77	25.2	7.34	28.6	8.53	30.5	8.97	31.7	8.86
	46.0	16.6	5.05	20.0	6.17	23.3	7.36	23.4	7.14	23.9	6.74	24.4	6.41	25.1	6.14
	52.0	7.7	2.38	8.3	2.37	8.9	2.38	9.3	2.39	10.1	2.42	11.1	2.46	12.1	2.50

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80%	-10.0	14.9	1.78	17.9	2.13	20.9	2.48	22.4	2.66	25.4	3.02	28.4	3.37	31.4	3.73
	-5.0	14.9	1.78	17.9	2.13	20.9	2.49	22.4	2.66	25.4	3.02	28.4	3.38	31.4	3.73
	0.0	14.9	1.78	17.9	2.13	20.9	2.49	22.4	2.67	25.4	3.02	28.4	3.38	31.4	3.74
	5.0	14.9	1.78	17.9	2.14	20.9	2.50	22.4	2.67	25.4	3.03	28.4	3.39	31.4	3.74
	10.0	14.9	1.79	17.9	2.15	20.9	2.50	22.4	2.68	25.4	3.04	28.4	3.39	31.4	3.75
	15.0	14.9	1.80	17.9	2.15	20.9	2.51	22.4	2.69	25.4	3.06	28.4	3.43	31.4	3.80
	20.0	14.9	1.81	17.9	2.19	20.9	2.57	22.4	2.76	25.4	3.16	28.4	3.56	31.4	3.97
	25.0	14.9	2.00	17.9	2.46	20.9	2.92	22.4	3.17	25.4	3.68	28.4	4.23	31.4	4.82
	30.0	14.9	2.54	17.9	3.08	20.9	3.66	22.4	3.97	25.4	4.60	28.4	5.28	31.4	5.99
	35.0	14.9	3.10	17.9	3.76	20.9	4.46	22.4	4.82	25.4	5.59	28.4	6.39	31.4	7.24
	40.0	14.9	3.69	17.9	4.49	20.9	5.32	22.4	5.75	25.4	6.66	28.4	7.60	31.4	8.60
	43.0	14.9	4.07	17.9	4.95	20.9	5.87	22.4	6.34	25.4	7.34	28.4	8.38	30.5	8.97
	46.0	14.8	4.43	17.7	5.38	20.7	6.38	22.2	6.90	23.5	7.02	23.8	6.60	24.3	6.25
	52.0	7.4	2.34	7.8	2.29	8.4	2.27	8.6	2.27	9.3	2.26	10.0	2.27	10.8	2.29

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-10.0	13.1	1.55	15.7	1.86	18.3	2.17	19.6	2.33	22.2	2.64	24.8	2.95	27.4	3.26
	-5.0	13.1	1.56	15.7	1.87	18.3	2.18	19.6	2.33	22.2	2.64	24.8	2.95	27.4	3.26
	0.0	13.1	1.56	15.7	1.87	18.3	2.18	19.6	2.34	22.2	2.65	24.8	2.96	27.4	3.27
	5.0	13.1	1.56	15.7	1.87	18.3	2.18	19.6	2.34	22.2	2.65	24.8	2.96	27.4	3.27
	10.0	13.1	1.57	15.7	1.88	18.3	2.19	19.6	2.35	22.2	2.66	24.8	2.97	27.4	3.28
	15.0	13.1	1.57	15.7	1.89	18.3	2.20	19.6	2.35	22.2	2.67	24.8	2.99	27.4	3.31
	20.0	13.1	1.58	15.7	1.90	18.3	2.23	19.6	2.40	22.2	2.73	24.8	3.08	27.4	3.42
	25.0	13.1	1.71	15.7	2.10	18.3	2.49	19.6	2.68	22.2	3.09	24.8	3.53	27.4	3.99
	30.0	13.1	2.21	15.7	2.65	18.3	3.12	19.6	3.37	22.2	3.88	24.8	4.42	27.4	4.99
	35.0	13.1	2.69	15.7	3.23	18.3	3.81	19.6	4.10	22.2	4.73	24.8	5.38	27.4	6.06
	40.0	13.1	3.20	15.7	3.86	18.3	4.55	19.6	4.90	22.2	5.64	24.8	6.41	27.4	7.21
	43.0	13.1	3.53	15.7	4.26	18.3	5.02	19.6	5.41	22.2	6.22	24.8	7.07	27.4	7.95
	46.0	12.9	3.84	15.5	4.63	18.1	5.46	19.4	5.89	22.0	6.77	23.4	7.00	23.7	6.55
	52.0	7.2	2.33	7.5	2.25	7.9	2.20	8.1	2.18	8.5	2.14	9.1	2.12	9.7	2.11

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60%	-10.0	11.2	1.33	13.4	1.60	15.7	1.86	16.8	2.00	19.0	2.26	21.3	2.53	23.5	2.80
	-5.0	11.2	1.33	13.4	1.60	15.7	1.87	16.8	2.00	19.0	2.27	21.3	2.53	23.5	2.80
	0.0	11.2	1.34	13.4	1.60	15.7	1.87	16.8	2.00	19.0	2.27	21.3	2.54	23.5	2.80
	5.0	11.2	1.34	13.4	1.61	15.7	1.87	16.8	2.01	19.0	2.27	21.3	2.54	23.5	2.81
	10.0	11.2	1.34	13.4	1.61	15.7	1.88	16.8	2.01	19.0	2.28	21.3	2.55	23.5	2.81
	15.0	11.2	1.35	13.4	1.62	15.7	1.89	16.8	2.02	19.0	2.29	21.3	2.55	23.5	2.83
	20.0	11.2	1.36	13.4	1.63	15.7	1.90	16.8	2.04	19.0	2.32	21.3	2.61	23.5	2.90
	25.0	11.2	1.43	13.4	1.75	15.7	2.07	16.8	2.23	19.0	2.57	21.3	2.89	23.5	3.25
	30.0	11.2	1.89	13.4	2.25	15.7	2.62	16.8	2.82	19.0	3.22	21.3	3.64	23.5	4.08
	35.0	11.2	2.30	13.4	2.74	15.7	3.20	16.8	3.43	19.0	3.93	21.3	4.44	23.5	4.97
	40.0	11.2	2.73	13.4	3.27	15.7	3.82	16.8	4.11	19.0	4.69	21.3	5.30	23.5	5.93
	43.0	11.2	3.01	13.4	3.60	15.7	4.22	16.8	4.53	19.0	5.18	21.3	5.85	23.5	6.55
	46.0	11.1	3.27	13.3	3.92	15.5	4.59	16.6	4.93	18.8	5.64	21.1	6.37	23.3	7.13
	52.0	7.0	2.35	7.2	2.25	7.5	2.16	7.6	2.12	7.9	2.06	8.3	2.01	8.7	1.97

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-10ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-10.0	9.3	1.11	11.2	1.33	13.1	1.55	14.0	1.67	15.9	1.89	17.7	2.11	19.6	2.33
	-5.0	9.3	1.11	11.2	1.33	13.1	1.56	14.0	1.67	15.9	1.89	17.7	2.11	19.6	2.33
	0.0	9.3	1.11	11.2	1.34	13.1	1.56	14.0	1.67	15.9	1.89	17.7	2.11	19.6	2.34
	5.0	9.3	1.12	11.2	1.34	13.1	1.56	14.0	1.67	15.9	1.90	17.7	2.12	19.6	2.34
	10.0	9.3	1.12	11.2	1.34	13.1	1.57	14.0	1.68	15.9	1.90	17.7	2.12	19.6	2.35
	15.0	9.3	1.12	11.2	1.35	13.1	1.57	14.0	1.68	15.9	1.91	17.7	2.13	19.6	2.35
	20.0	9.3	1.13	11.2	1.36	13.1	1.58	14.0	1.69	15.9	1.92	17.7	2.15	19.6	2.39
	25.0	9.3	1.17	11.2	1.42	13.1	1.67	14.0	1.80	15.9	2.07	17.7	2.34	19.6	2.60
	30.0	9.3	1.60	11.2	1.87	13.1	2.16	14.0	2.31	15.9	2.61	17.7	2.93	19.6	3.26
	35.0	9.3	1.93	11.2	2.28	13.1	2.63	14.0	2.81	15.9	3.19	17.7	3.58	19.6	3.98
	40.0	9.3	2.29	11.2	2.71	13.1	3.14	14.0	3.36	15.9	3.82	17.7	4.28	19.6	4.76
	43.0	9.3	2.52	11.2	2.98	13.1	3.47	14.0	3.71	15.9	4.21	17.7	4.73	19.6	5.26
	46.0	9.2	2.73	11.1	3.24	12.9	3.77	13.9	4.04	15.7	4.58	17.6	5.15	19.4	5.72
	52.0	6.9	2.43	7.0	2.29	7.1	2.18	7.2	2.12	7.4	2.03	7.7	1.96	8.0	1.89

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40%	-10.0	7.5	0.89	9.0	1.07	10.5	1.24	11.2	1.33	12.7	1.51	14.2	1.69	15.7	1.87
	-5.0	7.5	0.89	9.0	1.07	10.5	1.25	11.2	1.33	12.7	1.51	14.2	1.69	15.7	1.87
	0.0	7.5	0.89	9.0	1.07	10.5	1.25	11.2	1.34	12.7	1.51	14.2	1.69	15.7	1.87
	5.0	7.5	0.89	9.0	1.07	10.5	1.25	11.2	1.34	12.7	1.52	14.2	1.70	15.7	1.87
	10.0	7.5	0.90	9.0	1.07	10.5	1.25	11.2	1.34	12.7	1.52	14.2	1.70	15.7	1.88
	15.0	7.5	0.90	9.0	1.08	10.5	1.26	11.2	1.35	12.7	1.53	14.2	1.71	15.7	1.89
	20.0	7.5	0.91	9.0	1.09	10.5	1.27	11.2	1.36	12.7	1.54	14.2	1.72	15.7	1.90
	25.0	7.5	0.92	9.0	1.11	10.5	1.30	11.2	1.40	12.7	1.60	14.2	1.81	15.7	2.01
	30.0	7.5	1.32	9.0	1.52	10.5	1.73	11.2	1.84	12.7	2.06	14.2	2.29	15.7	2.52
	35.0	7.5	1.58	9.0	1.84	10.5	2.11	11.2	2.24	12.7	2.52	14.2	2.80	15.7	3.09
	40.0	7.5	1.86	9.0	2.18	10.5	2.51	11.2	2.67	12.7	3.00	14.2	3.35	15.7	3.69
	43.0	7.5	2.04	9.0	2.40	10.5	2.76	11.2	2.94	12.7	3.31	14.2	3.69	15.7	4.08
	46.0	7.4	2.21	8.9	2.60	10.3	3.00	11.1	3.20	12.6	3.61	14.0	4.02	15.5	4.44
	52.0	6.0	2.21	6.9	2.42	6.9	2.27	7.0	2.21	7.1	2.08	7.2	1.98	7.4	1.88

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30%	-10.0	5.6	0.67	6.7	0.80	7.8	0.93	8.4	1.00	9.5	1.13	10.6	1.27	11.8	1.40
	-5.0	5.6	0.67	6.7	0.80	7.8	0.94	8.4	1.00	9.5	1.14	10.6	1.27	11.8	1.40
	0.0	5.6	0.67	6.7	0.80	7.8	0.94	8.4	1.00	9.5	1.14	10.6	1.27	11.8	1.40
	5.0	5.6	0.67	6.7	0.80	7.8	0.94	8.4	1.00	9.5	1.14	10.6	1.27	11.8	1.41
	10.0	5.6	0.67	6.7	0.81	7.8	0.94	8.4	1.01	9.5	1.14	10.6	1.28	11.8	1.41
	15.0	5.6	0.68	6.7	0.81	7.8	0.95	8.4	1.01	9.5	1.15	10.6	1.28	11.8	1.42
	20.0	5.6	0.68	6.7	0.82	7.8	0.95	8.4	1.02	9.5	1.16	10.6	1.29	11.8	1.43
	25.0	5.6	0.70	6.7	0.83	7.8	0.97	8.4	1.04	9.5	1.17	10.6	1.32	11.8	1.46
	30.0	5.6	1.06	6.7	1.20	7.8	1.35	8.4	1.42	9.5	1.57	10.6	1.72	11.8	1.87
	35.0	5.6	1.25	6.7	1.44	7.8	1.62	8.4	1.71	9.5	1.90	10.6	2.09	11.8	2.28
	40.0	5.6	1.46	6.7	1.69	7.8	1.91	8.4	2.03	9.5	2.26	10.6	2.49	11.8	2.72
	43.0	5.6	1.60	6.7	1.85	7.8	2.10	8.4	2.23	9.5	2.48	10.6	2.74	11.8	3.01
	46.0	5.5	1.72	6.7	2.00	7.8	2.28	8.3	2.42	9.4	2.70	10.5	2.98	11.6	3.27
	52.0	4.5	1.72	5.4	1.99	6.4	2.27	6.8	2.41	6.9	2.29	6.9	2.14	7.0	2.01

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

1-4. U-10ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-24.9	-25.0	15.9	6.92	15.5	6.82	14.6	6.62	14.2	6.51	12.9	6.13	12.0	5.84	9.7	4.99
	-19.8	-20.0	18.5	7.13	18.0	7.03	17.1	6.79	16.6	6.67	15.1	6.26	14.1	5.95	11.3	5.05
	-14.7	-15.0	21.3	7.43	20.8	7.31	19.7	7.05	19.2	6.91	17.5	6.46	16.3	6.13	13.2	5.17
	-9.6	-10.0	24.6	7.86	24.0	7.73	22.8	7.44	22.2	7.29	20.3	6.80	19.0	6.44	15.5	5.41
	-4.4	-5.0	28.5	8.50	27.8	8.35	26.5	8.02	25.8	7.84	23.6	7.24	22.1	6.87	18.0	5.73
	-1.8	-2.5	30.7	8.75	30.0	8.60	28.5	8.29	27.8	8.11	25.5	7.54	23.8	7.12	19.4	5.92
	0.8	0.0	33.0	8.93	32.2	8.78	30.7	8.44	29.9	8.26	27.4	7.66	25.6	7.23	20.9	5.99
	2.8	2.0	34.9	9.04	34.1	8.88	32.5	8.53	31.6	8.34	29.0	7.73	27.2	7.28	21.3	5.71
	6.0	5.0	38.1	9.18	37.2	9.02	35.1	8.51	33.9	8.17	30.1	7.19	27.6	6.56	21.3	5.05
	7.0	6.0	38.9	9.09	37.6	8.76	35.1	8.11	33.9	7.79	30.1	6.86	27.6	6.26	21.3	4.83
	8.6	7.5	38.9	8.40	37.6	8.10	35.1	7.51	33.9	7.22	30.1	6.37	27.6	5.83	21.3	4.52
	11.2	10.0	38.9	7.31	37.6	7.05	35.1	6.56	33.9	6.31	30.1	5.60	27.6	5.14	21.3	4.03
	16.4	15.0	38.9	5.35	37.6	5.19	35.1	4.87	33.9	4.71	30.1	4.24	27.6	3.93	21.3	3.16
	24.0	18.0	38.9	5.02	37.6	4.87	35.1	4.57	33.9	4.43	30.1	3.98	27.6	3.69	21.3	2.95

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120%	-24.9	-25.0	15.8	6.84	15.4	6.75	14.6	6.54	14.2	6.43	12.9	6.06	12.0	5.78	9.6	4.94
	-19.8	-20.0	18.4	7.05	18.0	6.95	17.0	6.72	16.5	6.59	15.0	6.19	14.0	5.88	11.3	5.00
	-14.7	-15.0	21.3	7.35	20.7	7.23	19.7	6.98	19.1	6.84	17.4	6.39	16.3	6.07	13.2	5.12
	-9.6	-10.0	24.6	7.79	24.0	7.66	22.8	7.38	22.2	7.23	20.3	6.74	18.9	6.38	15.4	5.36
	-4.4	-5.0	28.5	8.43	27.8	8.28	26.5	7.96	25.8	7.79	23.6	7.22	22.1	6.79	18.0	5.68
	-1.8	-2.5	30.7	8.65	30.0	8.51	28.5	8.19	27.8	8.02	25.4	7.46	23.8	7.05	19.3	5.86
	0.8	0.0	33.0	8.82	32.2	8.66	30.7	8.33	29.8	8.15	27.3	7.57	25.5	7.14	20.8	5.93
	2.8	2.0	34.9	8.92	34.1	8.76	32.5	8.41	31.6	8.23	28.9	7.63	27.0	7.14	20.8	5.49
	6.0	5.0	38.0	9.02	36.8	8.70	34.3	8.06	33.1	7.75	29.4	6.85	27.0	6.26	20.8	4.85
	7.0	6.0	38.0	8.57	36.8	8.27	34.3	7.67	33.1	7.38	29.4	6.53	27.0	5.98	20.8	4.65
	8.6	7.5	38.0	7.92	36.8	7.64	34.3	7.10	33.1	6.84	29.4	6.06	27.0	5.56	20.8	4.35
	11.2	10.0	38.0	6.87	36.8	6.65	34.3	6.20	33.1	5.98	29.4	5.33	27.0	4.91	20.8	3.88
	16.4	15.0	38.0	5.02	36.8	4.87	34.3	4.59	33.1	4.45	29.4	4.02	27.0	3.74	20.8	3.04
	24.0	18.0	38.0	4.91	36.8	4.77	34.3	4.48	33.1	4.33	29.4	3.90	27.0	3.61	20.8	2.89

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-24.9	-25.0	15.8	6.76	15.4	6.67	14.5	6.47	14.1	6.36	12.8	5.99	11.9	5.71	9.6	4.88
	-19.8	-20.0	18.4	6.98	17.9	6.87	17.0	6.64	16.5	6.52	15.0	6.12	13.9	5.82	11.2	4.94
	-14.7	-15.0	21.2	7.28	20.7	7.16	19.6	6.91	19.1	6.77	17.4	6.33	16.2	6.00	13.1	5.07
	-9.6	-10.0	24.5	7.73	23.9	7.59	22.7	7.31	22.1	7.16	20.2	6.68	18.9	6.32	15.3	5.31
	-4.4	-5.0	28.5	8.34	27.8	8.20	26.4	7.90	25.7	7.73	23.5	7.17	22.0	6.76	17.9	5.63
	-1.8	-2.5	30.7	8.54	29.9	8.40	28.5	8.10	27.7	7.93	25.4	7.38	23.7	6.97	19.3	5.80
	0.8	0.0	33.0	8.70	32.2	8.55	30.6	8.22	29.8	8.05	27.3	7.47	25.5	7.05	20.3	5.70
	2.8	2.0	34.9	8.80	34.1	8.64	32.4	8.30	31.6	8.12	28.7	7.46	26.3	6.82	20.3	5.28
	6.0	5.0	37.1	8.50	35.9	8.21	33.5	7.63	32.3	7.35	28.7	6.52	26.3	5.98	20.3	4.67
	7.0	6.0	37.1	8.08	35.9	7.80	33.5	7.26	32.3	6.99	28.7	6.21	26.3	5.71	20.3	4.47
	8.6	7.5	37.1	7.45	35.9	7.20	33.5	6.72	32.3	6.48	28.7	5.77	26.3	5.31	20.3	4.18
	11.2	10.0	37.1	6.46	35.9	6.26	33.5	5.86	32.3	5.66	28.7	5.07	26.3	4.68	20.3	3.73
	16.4	15.0	37.1	4.80	35.9	4.66	33.5	4.38	32.3	4.24	28.7	3.82	26.3	3.57	20.3	2.92
	24.0	18.0	37.1	4.80	35.9	4.66	33.5	4.38	32.3	4.24	28.7	3.82	26.3	3.54	20.3	2.83

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	-24.9	-25.0	15.7	6.68	15.3	6.59	14.5	6.39	14.1	6.29	12.8	5.92	11.9	5.65	9.5	4.83
	-19.8	-20.0	18.3	6.90	17.9	6.79	16.9	6.57	16.4	6.45	14.9	6.05	13.9	5.75	11.2	4.89
	-14.7	-15.0	21.2	7.21	20.7	7.09	19.6	6.84	19.0	6.70	17.3	6.26	16.2	5.94	13.0	5.02
	-9.6	-10.0	24.5	7.66	23.9	7.53	22.7	7.24	22.1	7.10	20.2	6.61	18.8	6.26	15.3	5.26
	-4.4	-5.0	28.4	8.25	27.8	8.12	26.4	7.82	25.7	7.66	23.5	7.12	21.9	6.71	17.8	5.56
	-1.8	-2.5	30.6	8.44	29.9	8.30	28.4	8.00	27.7	7.83	25.3	7.29	23.6	6.88	19.2	5.73
	0.8	0.0	33.0	8.59	32.2	8.44	30.6	8.11	29.7	7.94	27.2	7.38	25.4	6.96	19.8	5.48
	2.8	2.0	34.9	8.68	34.1	8.52	32.4	8.19	31.5	8.01	28.0	7.10	25.7	6.51	19.8	5.07
	6.0	5.0	36.2	8.01	35.0	7.74	32.7	7.22	31.5	6.96	28.0	6.20	25.7	5.70	19.8	4.47
	7.0	6.0	36.2	7.60	35.0	7.35	32.7	6.87	31.5	6.62	28.0	5.90	25.7	5.43	19.8	4.29
	8.6	7.5	36.2	7.00	35.0	6.78	32.7	6.34	31.5	6.12	28.0	5.48	25.7	5.05	19.8	4.01
	11.2	10.0	36.2	6.06	35.0	5.88	32.7	5.52	31.5	5.34	28.0	4.81	25.7	4.46	19.8	3.58
	16.4	15.0	36.2	4.70	35.0	4.56	32.7	4.29	31.5	4.15	28.0	3.74	25.7	3.46	19.8	2.79
	24.0	18.0	36.2	4.70	35.0	4.56	32.7	4.29	31.5	4.15	28.0	3.74	25.7	3.46	19.8	2.77

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-10ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
90%	-24.9	-25.0	15.5	6.37	15.1	6.29	14.3	6.10	13.8	6.00	12.5	5.66	11.6	5.40	9.3	4.62
	-19.8	-20.0	18.1	6.60	17.6	6.50	16.7	6.28	16.2	6.17	14.7	5.79	13.6	5.51	10.9	4.68
	-14.7	-15.0	21.0	6.92	20.5	6.81	19.4	6.57	18.8	6.43	17.1	6.01	15.9	5.71	12.8	4.82
	-9.6	-10.0	24.4	7.42	23.8	7.27	22.5	6.99	21.9	6.85	19.9	6.38	18.6	6.04	15.0	5.07
	-4.4	-5.0	28.3	7.86	27.7	7.74	26.2	7.47	25.5	7.32	23.2	6.83	21.7	6.47	17.5	5.40
	-1.8	-2.5	30.5	8.00	29.8	7.87	28.3	7.59	27.5	7.44	25.0	6.93	23.1	6.46	17.9	5.11
	0.8	0.0	32.6	8.00	31.5	7.76	29.4	7.28	28.4	7.05	25.2	6.33	23.1	5.86	17.9	4.66
	2.8	2.0	32.6	7.29	31.5	7.08	29.4	6.66	28.4	6.45	25.2	5.80	23.1	5.41	17.9	4.37
	6.0	5.0	32.6	6.32	31.5	6.17	29.4	5.87	28.4	5.71	25.2	5.21	23.1	4.84	17.9	3.88
	7.0	6.0	32.6	6.20	31.5	6.03	29.4	5.67	28.4	5.50	25.2	4.97	23.1	4.61	17.9	3.72
	8.6	7.5	32.6	5.70	31.5	5.54	29.4	5.23	28.4	5.08	25.2	4.60	23.1	4.29	17.9	3.48
	11.2	10.0	32.6	4.90	31.5	4.78	29.4	4.54	28.4	4.42	25.2	4.04	23.1	3.78	17.9	3.11
	16.4	15.0	32.6	4.27	31.5	4.15	29.4	3.90	28.4	3.78	25.2	3.41	23.1	3.16	17.9	2.54
24.0	18.0	32.6	4.27	31.5	4.15	29.4	3.90	28.4	3.78	25.2	3.41	23.1	3.16	17.9	2.54	

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI
80%	-24.9	-25.0	15.3	6.10	14.9	6.02	14.1	5.84	13.6	5.74	12.3	5.42	11.4	5.17	9.1	4.44
	-19.8	-20.0	17.9	6.34	17.4	6.24	16.5	6.03	16.0	5.92	14.4	5.55	13.4	5.28	10.7	4.50
	-14.7	-15.0	20.8	6.68	20.3	6.57	19.2	6.33	18.6	6.20	16.9	5.79	15.7	5.49	12.5	4.64
	-9.6	-10.0	24.3	7.17	23.6	7.06	22.4	6.80	21.7	6.65	19.7	6.17	18.4	5.83	14.7	4.89
	-4.4	-5.0	28.3	7.48	27.5	7.37	26.1	7.12	25.2	6.93	22.4	6.29	20.5	5.85	15.9	4.71
	-1.8	-2.5	28.9	7.00	28.0	6.82	26.1	6.46	25.2	6.27	22.4	5.71	20.5	5.32	15.9	4.34
	0.8	0.0	28.9	6.25	28.0	6.09	26.1	5.81	25.2	5.67	22.4	5.21	20.5	4.88	15.9	4.01
	2.8	2.0	28.9	5.76	28.0	5.64	26.1	5.39	25.2	5.26	22.4	4.85	20.5	4.55	15.9	3.75
	6.0	5.0	28.9	5.11	28.0	5.01	26.1	4.80	25.2	4.69	22.4	4.33	20.5	4.06	15.9	3.33
	7.0	6.0	28.9	4.98	28.0	4.86	26.1	4.63	25.2	4.50	22.4	4.13	20.5	3.87	15.9	3.19
	8.6	7.5	28.9	4.56	28.0	4.46	26.1	4.26	25.2	4.15	22.4	3.83	20.5	3.60	15.9	2.99
	11.2	10.0	28.9	3.90	28.0	3.83	26.1	3.68	25.2	3.60	22.4	3.35	20.5	3.17	15.9	2.67
	16.4	15.0	28.9	3.85	28.0	3.74	26.1	3.52	25.2	3.41	22.4	3.08	20.5	2.86	15.9	2.31
	24.0	18.0	28.9	3.85	28.0	3.74	26.1	3.52	25.2	3.41	22.4	3.08	20.5	2.86	15.9	2.31

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-24.9	-25.0	15.2	5.90	14.8	5.82	13.9	5.65	13.5	5.55	12.2	5.24	11.3	5.00	8.9	4.30
	-19.8	-20.0	17.8	6.15	17.4	6.05	16.4	5.85	15.9	5.74	14.3	5.38	13.3	5.12	10.5	4.36
	-14.7	-15.0	20.8	6.51	20.3	6.40	19.1	6.16	18.5	6.04	16.8	5.64	15.6	5.35	12.4	4.52
	-9.6	-10.0	24.3	6.94	23.7	6.84	22.4	6.62	21.7	6.49	19.6	6.03	18.0	5.60	13.9	4.52
	-4.4	-5.0	25.3	6.06	24.5	5.93	22.9	5.67	22.1	5.54	19.6	5.12	18.0	4.82	13.9	3.99
	-1.8	-2.5	25.3	5.51	24.5	5.41	22.9	5.20	22.1	5.08	19.6	4.71	18.0	4.44	13.9	3.70
	0.8	0.0	25.3	5.01	24.5	4.92	22.9	4.73	22.1	4.63	19.6	4.31	18.0	4.07	13.9	3.40
	2.8	2.0	25.3	4.62	24.5	4.54	22.9	4.38	22.1	4.29	19.6	4.00	18.0	3.79	13.9	3.18
	6.0	5.0	25.3	4.06	24.5	4.00	22.9	3.87	22.1	3.80	19.6	3.55	18.0	3.37	13.9	2.83
	7.0	6.0	25.3	3.92	24.5	3.86	22.9	3.71	22.1	3.63	19.6	3.39	18.0	3.21	13.9	2.71
	8.6	7.5	25.3	3.58	24.5	3.53	22.9	3.41	22.1	3.34	19.6	3.13	18.0	2.98	13.9	2.54
	11.2	10.0	25.3	3.42	24.5	3.32	22.9	3.13	22.1	3.04	19.6	2.75	18.0	2.62	13.9	2.27
	16.4	15.0	25.3	3.42	24.5	3.32	22.9	3.13	22.1	3.04	19.6	2.75	18.0	2.55	13.9	2.07
	24.0	18.0	25.3	3.42	24.5	3.32	22.9	3.13	22.1	3.04	19.6	2.75	18.0	2.55	13.9	2.07

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
60%	-24.9	-25.0	15.4	5.85	15.0	5.76	14.1	5.59	13.6	5.49	12.3	5.18	11.3	4.95	9.0	4.25
	-19.8	-20.0	18.1	6.11	17.6	6.01	16.6	5.80	16.0	5.69	14.5	5.34	13.4	5.08	10.6	4.32
	-14.7	-15.0	21.2	6.51	20.6	6.36	19.4	6.14	18.8	6.01	16.8	5.55	15.4	5.19	11.9	4.27
	-9.6	-10.0	21.7	5.71	21.0	5.61	19.6	5.40	18.9	5.29	16.8	4.92	15.4	4.64	11.9	3.84
	-4.4	-5.0	21.7	4.83	21.0	4.75	19.6	4.59	18.9	4.50	16.8	4.21	15.4	3.99	11.9	3.36
	-1.8	-2.5	21.7	4.39	21.0	4.33	19.6	4.19	18.9	4.11	16.8	3.86	15.4	3.66	11.9	3.10
	0.8	0.0	21.7	3.97	21.0	3.92	19.6	3.80	18.9	3.74	16.8	3.52	15.4	3.35	11.9	2.86
	2.8	2.0	21.7	3.64	21.0	3.60	19.6	3.50	18.9	3.45	16.8	3.26	15.4	3.11	11.9	2.67
	6.0	5.0	21.7	3.18	21.0	3.15	19.6	3.07	18.9	3.03	16.8	2.87	15.4	2.75	11.9	2.36
	7.0	6.0	21.7	3.03	21.0	3.00	19.6	2.92	18.9	2.88	16.8	2.73	15.4	2.62	11.9	2.27
	8.6	7.5	21.7	2.99	21.0	2.91	19.6	2.75	18.9	2.66	16.8	2.53	15.4	2.43	11.9	2.13
	11.2	10.0	21.7	2.99	21.0	2.91	19.6	2.75	18.9	2.66	16.8	2.42	15.4	2.25	11.9	1.91
	16.4	15.0	21.7	2.99	21.0	2.91	19.6	2.75	18.9	2.66	16.8	2.42	15.4	2.25	11.9	1.84
	24.0	18.0	21.7	2.99	21.0	2.91	19.6	2.75	18.9	2.66	16.8	2.42	15.4	2.25	11.9	1.84

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-10ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-24.9	-25.0	16.2	6.03	15.7	5.94	14.7	5.76	14.3	5.66	12.8	5.33	11.8	5.09	9.3	4.37
	-19.8	-20.0	18.1	5.96	17.5	5.84	16.3	5.59	15.8	5.46	14.0	5.05	12.8	4.77	9.9	3.98
	-14.7	-15.0	18.1	5.28	17.5	5.19	16.3	5.00	15.8	4.89	14.0	4.50	12.8	4.23	9.9	3.53
	-9.6	-10.0	18.1	4.52	17.5	4.46	16.3	4.32	15.8	4.24	14.0	3.98	12.8	3.78	9.9	3.21
	-4.4	-5.0	18.1	3.79	17.5	3.75	16.3	3.65	15.8	3.59	14.0	3.39	12.8	3.24	9.9	2.78
	-1.8	-2.5	18.1	3.44	17.5	3.40	16.3	3.32	15.8	3.27	14.0	3.10	12.8	2.97	9.9	2.56
	0.8	0.0	18.1	3.09	17.5	3.07	16.3	3.00	15.8	2.96	14.0	2.82	12.8	2.71	9.9	2.36
	2.8	2.0	18.1	2.83	17.5	2.81	16.3	2.76	15.8	2.73	14.0	2.61	12.8	2.51	9.9	2.20
	6.0	5.0	18.1	2.57	17.5	2.50	16.3	2.38	15.8	2.36	14.0	2.27	12.8	2.20	9.9	1.94
	7.0	6.0	18.1	2.57	17.5	2.50	16.3	2.36	15.8	2.29	14.0	2.16	12.8	2.10	9.9	1.87
	8.6	7.5	18.1	2.57	17.5	2.50	16.3	2.36	15.8	2.29	14.0	2.09	12.8	1.95	9.9	1.76
	11.2	10.0	18.1	2.57	17.5	2.50	16.3	2.36	15.8	2.29	14.0	2.09	12.8	1.95	9.9	1.61
	16.4	15.0	18.1	2.57	17.5	2.50	16.3	2.36	15.8	2.29	14.0	2.09	12.8	1.95	9.9	1.61
	24.0	18.0	18.1	2.57	17.5	2.50	16.3	2.36	15.8	2.29	14.0	2.09	12.8	1.95	9.9	1.61

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40%	-24.9	-25.0	14.5	5.20	14.0	5.11	13.1	4.92	12.6	4.83	11.2	4.52	10.3	4.29	7.9	3.65
	-19.8	-20.0	14.5	4.60	14.0	4.54	13.1	4.36	12.6	4.27	11.2	3.97	10.3	3.76	7.9	3.18
	-14.7	-15.0	14.5	4.08	14.0	4.03	13.1	3.91	12.6	3.84	11.2	3.60	10.3	3.39	7.9	2.85
	-9.6	-10.0	14.5	3.48	14.0	3.44	13.1	3.36	12.6	3.31	11.2	3.13	10.3	3.00	7.9	2.59
	-4.4	-5.0	14.5	2.90	14.0	2.88	13.1	2.82	12.6	2.79	11.2	2.66	10.3	2.56	7.9	2.24
	-1.8	-2.5	14.5	2.62	14.0	2.61	13.1	2.56	12.6	2.54	11.2	2.44	10.3	2.35	7.9	2.07
	0.8	0.0	14.5	2.35	14.0	2.34	13.1	2.31	12.6	2.30	11.2	2.22	10.3	2.14	7.9	1.90
	2.8	2.0	14.5	2.14	14.0	2.12	13.1	2.10	12.6	2.09	11.2	2.03	10.3	1.97	7.9	1.77
	6.0	5.0	14.5	2.14	14.0	2.09	13.1	1.98	12.6	1.92	11.2	1.76	10.3	1.72	7.9	1.57
	7.0	6.0	14.5	2.14	14.0	2.09	13.1	1.98	12.6	1.92	11.2	1.76	10.3	1.65	7.9	1.51
	8.6	7.5	14.5	2.14	14.0	2.09	13.1	1.98	12.6	1.92	11.2	1.76	10.3	1.65	7.9	1.43
	11.2	10.0	14.5	2.14	14.0	2.09	13.1	1.98	12.6	1.92	11.2	1.76	10.3	1.65	7.9	1.37
	16.4	15.0	14.5	2.14	14.0	2.09	13.1	1.98	12.6	1.92	11.2	1.76	10.3	1.65	7.9	1.37
	24.0	18.0	14.5	2.14	14.0	2.09	13.1	1.98	12.6	1.92	11.2	1.76	10.3	1.65	7.9	1.37

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30%	-24.9	-25.0	10.9	3.86	10.5	3.80	9.8	3.67	9.5	3.60	8.4	3.39	7.7	3.23	6.0	2.78
	-19.8	-20.0	10.9	3.48	10.5	3.42	9.8	3.28	9.5	3.22	8.4	3.01	7.7	2.86	6.0	2.45
	-14.7	-15.0	10.9	3.01	10.5	2.97	9.8	2.90	9.5	2.86	8.4	2.72	7.7	2.60	6.0	2.21
	-9.6	-10.0	10.9	2.56	10.5	2.54	9.8	2.49	9.5	2.47	8.4	2.36	7.7	2.27	6.0	2.00
	-4.4	-5.0	10.9	2.13	10.5	2.12	9.8	2.10	9.5	2.08	8.4	2.01	7.7	1.95	6.0	1.74
	-1.8	-2.5	10.9	1.90	10.5	1.90	9.8	1.89	9.5	1.88	8.4	1.82	7.7	1.77	6.0	1.60
	0.8	0.0	10.9	1.72	10.5	1.68	9.8	1.68	9.5	1.68	8.4	1.65	7.7	1.61	6.0	1.47
	2.8	2.0	10.9	1.72	10.5	1.68	9.8	1.59	9.5	1.55	8.4	1.51	7.7	1.48	6.0	1.37
	6.0	5.0	10.9	1.72	10.5	1.68	9.8	1.59	9.5	1.55	8.4	1.43	7.7	1.35	6.0	1.23
	7.0	6.0	10.9	1.72	10.5	1.68	9.8	1.59	9.5	1.55	8.4	1.43	7.7	1.35	6.0	1.19
	8.6	7.5	10.9	1.72	10.5	1.68	9.8	1.59	9.5	1.55	8.4	1.43	7.7	1.35	6.0	1.14
	11.2	10.0	10.9	1.72	10.5	1.68	9.8	1.59	9.5	1.55	8.4	1.43	7.7	1.35	6.0	1.14
	16.4	15.0	10.9	1.72	10.5	1.68	9.8	1.59	9.5	1.55	8.4	1.43	7.7	1.35	6.0	1.14
	24.0	18.0	10.9	1.72	10.5	1.68	9.8	1.59	9.5	1.55	8.4	1.43	7.7	1.35	6.0	1.14

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

1-5. U-12ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-10.0	29.0	3.76	34.8	4.51	36.0	4.67	36.0	4.67	40.8	5.29	45.6	5.92	50.4	6.54
	-5.0	29.0	3.76	34.8	4.52	36.0	4.67	36.0	4.67	40.8	5.30	45.6	5.92	50.4	6.54
	0.0	29.0	3.77	34.8	4.52	36.0	4.68	36.0	4.68	40.8	5.30	45.6	5.93	50.4	6.55
	5.0	29.0	3.77	34.8	4.53	36.0	4.69	36.0	4.69	40.8	5.32	45.6	5.95	50.4	6.57
	10.0	29.0	3.78	34.8	4.54	36.0	4.72	36.0	4.72	40.8	5.37	45.6	6.01	50.4	6.64
	15.0	29.0	3.80	34.8	4.58	36.0	4.81	36.0	4.81	40.8	5.49	45.6	6.16	50.4	6.80
	20.0	29.0	3.92	34.8	4.77	36.0	5.09	36.0	5.09	40.8	5.83	45.6	6.81	50.4	7.91
	25.0	29.0	4.49	34.8	5.58	36.0	6.25	36.0	6.25	40.8	7.39	45.6	8.63	50.4	9.96
	30.0	29.0	5.62	34.8	6.97	36.0	7.73	36.0	7.73	40.8	9.10	45.6	10.57	49.9	11.86
	35.0	29.0	6.84	34.8	8.47	36.0	9.32	36.0	9.32	40.8	10.94	44.2	11.86	46.1	11.86
	40.0	29.0	8.15	34.8	10.08	36.0	11.04	36.0	11.04	39.0	11.86	40.7	11.86	42.5	11.86
	43.0	29.0	8.99	34.8	11.10	35.5	11.86	35.5	11.86	37.1	11.86	38.6	11.60	39.6	11.08
	46.0	28.7	9.03	28.9	9.03	28.9	9.03	28.9	9.03	29.9	8.70	31.1	8.44	32.5	8.25
	52.0	12.1	3.57	12.8	3.57	12.8	3.57	12.8	3.57	14.2	3.70	15.8	3.83	17.5	3.97

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120%	-10.0	26.8	3.47	32.2	4.17	35.2	4.56	35.2	4.56	39.9	5.17	44.6	5.78	49.2	6.38
	-5.0	26.8	3.48	32.2	4.17	35.2	4.57	35.2	4.57	39.9	5.18	44.6	5.78	49.2	6.39
	0.0	26.8	3.48	32.2	4.17	35.2	4.57	35.2	4.57	39.9	5.18	44.6	5.79	49.2	6.40
	5.0	26.8	3.49	32.2	4.18	35.2	4.58	35.2	4.58	39.9	5.19	44.6	5.81	49.2	6.42
	10.0	26.8	3.49	32.2	4.19	35.2	4.60	35.2	4.60	39.9	5.24	44.6	5.87	49.2	6.49
	15.0	26.8	3.51	32.2	4.23	35.2	4.69	35.2	4.69	39.9	5.36	44.6	6.02	49.2	6.64
	20.0	26.8	3.62	32.2	4.40	35.2	4.96	35.2	4.96	39.9	5.68	44.6	6.56	49.2	7.61
	25.0	26.8	4.15	32.2	5.15	35.2	6.05	35.2	6.05	39.9	7.14	44.6	8.32	49.2	9.60
	30.0	26.8	5.20	32.2	6.43	35.2	7.49	35.2	7.49	39.9	8.80	44.6	10.22	49.2	11.73
	35.0	26.8	6.32	32.2	7.80	35.2	9.03	35.2	9.03	39.9	10.59	43.9	11.86	45.7	11.86
	40.0	26.8	7.53	32.2	9.28	35.2	10.71	35.2	10.71	38.7	11.86	40.4	11.86	42.2	11.86
	43.0	26.8	8.30	32.2	10.22	35.2	11.78	35.2	11.78	36.9	11.85	38.4	11.67	39.3	11.12
	46.0	26.5	9.02	28.8	9.06	28.8	9.06	28.8	9.06	29.7	8.70	30.8	8.42	32.1	8.21
	52.0	11.3	3.52	12.4	3.52	12.6	3.52	12.6	3.52	13.9	3.63	15.4	3.75	17.0	3.88

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-10.0	24.6	3.18	29.5	3.82	34.3	4.45	34.3	4.45	38.9	5.05	43.5	5.64	48.1	6.23
	-5.0	24.6	3.19	29.5	3.82	34.3	4.46	34.3	4.46	38.9	5.05	43.5	5.65	48.1	6.24
	0.0	24.6	3.19	29.5	3.83	34.3	4.46	34.3	4.46	38.9	5.06	43.5	5.65	48.1	6.24
	5.0	24.6	3.20	29.5	3.84	34.3	4.47	34.3	4.47	38.9	5.07	43.5	5.67	48.1	6.27
	10.0	24.6	3.21	29.5	3.84	34.3	4.49	34.3	4.49	38.9	5.11	43.5	5.73	48.1	6.33
	15.0	24.6	3.22	29.5	3.88	34.3	4.57	34.3	4.57	38.9	5.22	43.5	5.87	48.1	6.49
	20.0	24.6	3.32	29.5	4.04	34.3	4.82	34.3	4.82	38.9	5.53	43.5	6.32	48.1	7.32
	25.0	24.6	3.83	29.5	4.72	34.3	5.85	34.3	5.85	38.9	6.90	43.5	8.03	48.1	9.24
	30.0	24.6	4.78	29.5	5.89	34.3	7.25	34.3	7.25	38.9	8.51	43.5	9.86	48.1	11.31
	35.0	24.6	5.81	29.5	7.15	34.3	8.75	34.3	8.75	38.9	10.25	43.4	11.79	45.3	11.86
	40.0	24.6	6.91	29.5	8.50	34.3	10.38	34.3	10.38	38.4	11.86	40.1	11.86	41.8	11.86
	43.0	24.6	7.61	29.5	9.36	34.3	11.42	34.3	11.42	36.6	11.86	38.2	11.76	39.1	11.18
	46.0	24.3	8.27	28.6	9.10	28.6	9.10	28.6	9.10	29.4	8.71	30.5	8.41	31.7	8.17
	52.0	10.5	3.46	11.4	3.46	12.3	3.46	12.3	3.46	13.6	3.56	15.0	3.67	16.6	3.78

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	-10.0	22.3	2.90	26.8	3.48	31.3	4.05	33.5	4.34	38.0	4.92	42.4	5.50	46.9	6.08
	-5.0	22.3	2.90	26.8	3.48	31.3	4.06	33.5	4.35	38.0	4.93	42.4	5.51	46.9	6.09
	0.0	22.3	2.90	26.8	3.48	31.3	4.06	33.5	4.35	38.0	4.93	42.4	5.51	46.9	6.09
	5.0	22.3	2.91	26.8	3.49	31.3	4.07	33.5	4.36	38.0	4.94	42.4	5.53	46.9	6.12
	10.0	22.3	2.92	26.8	3.50	31.3	4.08	33.5	4.38	38.0	4.98	42.4	5.58	46.9	6.18
	15.0	22.3	2.93	26.8	3.53	31.3	4.14	33.5	4.45	38.0	5.08	42.4	5.72	46.9	6.33
	20.0	22.3	3.02	26.8	3.68	31.3	4.35	33.5	4.69	38.0	5.38	42.4	6.08	46.9	7.03
	25.0	22.3	3.51	26.8	4.31	31.3	5.19	33.5	5.66	38.0	6.66	42.4	7.74	46.9	8.90
	30.0	22.3	4.37	26.8	5.37	31.3	6.45	33.5	7.02	38.0	8.22	42.4	9.52	46.9	10.90
	35.0	22.3	5.30	26.8	6.50	31.3	7.79	33.5	8.47	38.0	9.91	42.4	11.44	44.9	11.86
	40.0	22.3	6.30	26.8	7.72	31.3	9.25	33.5	10.05	38.0	11.73	39.8	11.86	41.5	11.86
	43.0	22.3	6.93	26.8	8.50	31.3	10.18	33.5	11.06	36.3	11.86	38.0	11.86	38.8	11.24
	46.0	22.1	7.53	26.5	9.24	28.2	9.40	28.5	9.15	29.2	8.73	30.2	8.40	31.4	8.15
	52.0	9.6	3.28	10.5	3.31	11.5	3.37	12.1	3.41	13.3	3.49	14.6	3.59	16.1	3.70

* Use the above table when choosing the model of outdoor unit.

See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-12ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-10.0	20.1	2.61	24.1	3.13	28.1	3.65	30.2	3.91	34.2	4.43	38.2	4.95	42.2	5.48
	-5.0	20.1	2.61	24.1	3.13	28.1	3.65	30.2	3.91	34.2	4.44	38.2	4.96	42.2	5.48
	0.0	20.1	2.61	24.1	3.14	28.1	3.66	30.2	3.92	34.2	4.44	38.2	4.96	42.2	5.49
	5.0	20.1	2.62	24.1	3.14	28.1	3.67	30.2	3.93	34.2	4.45	38.2	4.97	42.2	5.50
	10.0	20.1	2.63	24.1	3.15	28.1	3.67	30.2	3.94	34.2	4.47	38.2	5.01	42.2	5.55
	15.0	20.1	2.63	24.1	3.17	28.1	3.71	30.2	3.99	34.2	4.54	38.2	5.11	42.2	5.68
	20.0	20.1	2.70	24.1	3.28	28.1	3.87	30.2	4.17	34.2	4.78	38.2	5.39	42.2	6.00
	25.0	20.1	3.10	24.1	3.79	28.1	4.53	30.2	4.92	34.2	5.75	38.2	6.64	42.2	7.59
	30.0	20.1	3.88	24.1	4.73	28.1	5.64	30.2	6.12	34.2	7.13	38.2	8.20	42.2	9.35
	35.0	20.1	4.71	24.1	5.73	28.1	6.83	30.2	7.40	34.2	8.61	38.2	9.89	42.2	11.24
	40.0	20.1	5.59	24.1	6.82	28.1	8.12	30.2	8.80	34.2	10.21	38.2	11.71	40.0	11.86
	43.0	20.1	6.16	24.1	7.51	28.1	8.94	30.2	9.68	34.2	11.24	36.6	11.86	38.0	11.67
	46.0	19.9	6.69	23.9	8.15	27.9	9.71	28.0	9.43	28.5	8.90	29.2	8.47	30.1	8.12
	52.0	9.2	3.20	9.9	3.19	10.7	3.20	11.1	3.21	12.1	3.25	13.2	3.31	14.4	3.37

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80%	-10.0	17.9	2.32	21.4	2.78	25.0	3.24	26.8	3.48	30.4	3.94	33.9	4.40	37.5	4.87
	-5.0	17.9	2.32	21.4	2.78	25.0	3.25	26.8	3.48	30.4	3.94	33.9	4.41	37.5	4.87
	0.0	17.9	2.32	21.4	2.79	25.0	3.25	26.8	3.48	30.4	3.95	33.9	4.41	37.5	4.88
	5.0	17.9	2.33	21.4	2.79	25.0	3.26	26.8	3.49	30.4	3.96	33.9	4.42	37.5	4.89
	10.0	17.9	2.33	21.4	2.80	25.0	3.27	26.8	3.50	30.4	3.97	33.9	4.44	37.5	4.92
	15.0	17.9	2.35	21.4	2.81	25.0	3.29	26.8	3.53	30.4	4.01	33.9	4.51	37.5	5.01
	20.0	17.9	2.38	21.4	2.88	25.0	3.40	26.8	3.66	30.4	4.19	33.9	4.73	37.5	5.26
	25.0	17.9	2.69	21.4	3.31	25.0	3.91	26.8	4.23	30.4	4.90	33.9	5.63	37.5	6.39
	30.0	17.9	3.42	21.4	4.13	25.0	4.88	26.8	5.28	30.4	6.11	33.9	6.99	37.5	7.92
	35.0	17.9	4.14	21.4	5.01	25.0	5.92	26.8	6.39	30.4	7.40	33.9	8.45	37.5	9.56
	40.0	17.9	4.92	21.4	5.96	25.0	7.05	26.8	7.61	30.4	8.79	33.9	10.03	37.5	11.33
	43.0	17.9	5.42	21.4	6.56	25.0	7.76	26.8	8.38	30.4	9.68	33.9	11.04	36.6	11.86
	46.0	17.7	5.88	21.2	7.12	24.8	8.43	26.5	9.11	28.1	9.27	28.5	8.72	29.0	8.26
	52.0	8.9	3.15	9.4	3.09	10.0	3.06	10.3	3.05	11.1	3.05	12.0	3.06	12.9	3.08

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-10.0	15.6	2.03	18.8	2.43	21.9	2.84	23.5	3.04	26.6	3.45	29.7	3.85	32.8	4.26
	-5.0	15.6	2.03	18.8	2.44	21.9	2.84	23.5	3.05	26.6	3.45	29.7	3.86	32.8	4.26
	0.0	15.6	2.03	18.8	2.44	21.9	2.85	23.5	3.05	26.6	3.46	29.7	3.86	32.8	4.27
	5.0	15.6	2.04	18.8	2.44	21.9	2.85	23.5	3.06	26.6	3.46	29.7	3.87	32.8	4.28
	10.0	15.6	2.04	18.8	2.45	21.9	2.86	23.5	3.06	26.6	3.47	29.7	3.88	32.8	4.29
	15.0	15.6	2.05	18.8	2.46	21.9	2.87	23.5	3.08	26.6	3.49	29.7	3.92	32.8	4.35
	20.0	15.6	2.07	18.8	2.50	21.9	2.94	23.5	3.16	26.6	3.62	29.7	4.08	32.8	4.54
	25.0	15.6	2.29	18.8	2.82	21.9	3.34	23.5	3.60	26.6	4.14	29.7	4.71	32.8	5.31
	30.0	15.6	2.98	18.8	3.56	21.9	4.18	23.5	4.50	26.6	5.17	29.7	5.87	32.8	6.61
	35.0	15.6	3.61	18.8	4.32	21.9	5.07	23.5	5.45	26.6	6.27	29.7	7.12	32.8	8.01
	40.0	15.6	4.28	18.8	5.14	21.9	6.04	23.5	6.50	26.6	7.46	29.7	8.47	32.8	9.51
	43.0	15.6	4.71	18.8	5.66	21.9	6.65	23.5	7.16	26.6	8.22	29.7	9.33	32.8	10.48
	46.0	15.5	5.11	18.6	6.14	21.7	7.23	23.2	7.79	26.3	8.94	28.0	9.24	28.3	8.65
	52.0	8.6	3.13	9.0	3.04	9.4	2.96	9.7	2.94	10.2	2.89	10.9	2.87	11.6	2.85

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60%	-10.0	13.4	1.74	16.1	2.09	18.8	2.43	20.1	2.61	22.8	2.96	25.5	3.30	28.1	3.65
	-5.0	13.4	1.74	16.1	2.09	18.8	2.44	20.1	2.61	22.8	2.96	25.5	3.31	28.1	3.66
	0.0	13.4	1.74	16.1	2.09	18.8	2.44	20.1	2.61	22.8	2.96	25.5	3.31	28.1	3.66
	5.0	13.4	1.75	16.1	2.10	18.8	2.45	20.1	2.62	22.8	2.97	25.5	3.32	28.1	3.67
	10.0	13.4	1.75	16.1	2.10	18.8	2.45	20.1	2.63	22.8	2.98	25.5	3.33	28.1	3.67
	15.0	13.4	1.76	16.1	2.11	18.8	2.46	20.1	2.63	22.8	2.99	25.5	3.34	28.1	3.70
	20.0	13.4	1.77	16.1	2.13	18.8	2.50	20.1	2.68	22.8	3.06	25.5	3.44	28.1	3.83
	25.0	13.4	1.91	16.1	2.34	18.8	2.78	20.1	2.99	22.8	3.44	25.5	3.88	28.1	4.34
	30.0	13.4	2.57	16.1	3.03	18.8	3.52	20.1	3.78	22.8	4.30	25.5	4.85	28.1	5.43
	35.0	13.4	3.10	16.1	3.68	18.8	4.28	20.1	4.58	22.8	5.23	25.5	5.90	28.1	6.59
	40.0	13.4	3.67	16.1	4.36	18.8	5.09	20.1	5.46	22.8	6.23	25.5	7.02	28.1	7.85
	43.0	13.4	4.03	16.1	4.80	18.8	5.60	20.1	6.02	22.8	6.86	25.5	7.74	28.1	8.65
	46.0	13.3	4.37	15.9	5.21	18.6	6.09	19.9	6.54	22.6	7.46	25.2	8.42	27.9	9.41
	52.0	8.4	3.16	8.6	3.03	8.9	2.92	9.1	2.87	9.5	2.79	9.9	2.72	10.5	2.67

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-12ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-10.0	11.2	1.45	13.4	1.74	15.6	2.03	16.8	2.17	19.0	2.46	21.2	2.75	23.5	3.04
	-5.0	11.2	1.45	13.4	1.74	15.6	2.03	16.8	2.18	19.0	2.47	21.2	2.76	23.5	3.05
	0.0	11.2	1.45	13.4	1.74	15.6	2.03	16.8	2.18	19.0	2.47	21.2	2.76	23.5	3.05
	5.0	11.2	1.46	13.4	1.75	15.6	2.04	16.8	2.18	19.0	2.47	21.2	2.77	23.5	3.06
	10.0	11.2	1.46	13.4	1.75	15.6	2.04	16.8	2.19	19.0	2.48	21.2	2.77	23.5	3.06
	15.0	11.2	1.47	13.4	1.76	15.6	2.05	16.8	2.20	19.0	2.49	21.2	2.78	23.5	3.07
	20.0	11.2	1.48	13.4	1.77	15.6	2.07	16.8	2.22	19.0	2.52	21.2	2.83	23.5	3.14
	25.0	11.2	1.55	13.4	1.89	15.6	2.24	16.8	2.41	19.0	2.77	21.2	3.13	23.5	3.49
	30.0	11.2	2.18	13.4	2.54	15.6	2.92	16.8	3.11	19.0	3.51	21.2	3.92	23.5	4.35
	35.0	11.2	2.62	13.4	3.07	15.6	3.54	16.8	3.77	19.0	4.27	21.2	4.77	23.5	5.30
	40.0	11.2	3.08	13.4	3.63	15.6	4.20	16.8	4.49	19.0	5.08	21.2	5.69	23.5	6.32
	43.0	11.2	3.38	13.4	3.99	15.6	4.62	16.8	4.94	19.0	5.60	21.2	6.27	23.5	6.96
	46.0	11.1	3.66	13.3	4.33	15.5	5.02	16.6	5.37	18.8	6.08	21.0	6.82	23.2	7.57
	52.0	8.3	3.26	8.4	3.09	8.5	2.94	8.7	2.87	8.9	2.75	9.2	2.65	9.5	2.56

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40%	-10.0	8.9	1.16	10.7	1.39	12.5	1.62	13.4	1.74	15.2	1.97	17.0	2.20	18.8	2.44
	-5.0	8.9	1.16	10.7	1.39	12.5	1.63	13.4	1.74	15.2	1.97	17.0	2.21	18.8	2.44
	0.0	8.9	1.16	10.7	1.40	12.5	1.63	13.4	1.74	15.2	1.98	17.0	2.21	18.8	2.44
	5.0	8.9	1.17	10.7	1.40	12.5	1.63	13.4	1.75	15.2	1.98	17.0	2.21	18.8	2.45
	10.0	8.9	1.17	10.7	1.40	12.5	1.64	13.4	1.75	15.2	1.99	17.0	2.22	18.8	2.45
	15.0	8.9	1.18	10.7	1.41	12.5	1.64	13.4	1.76	15.2	1.99	17.0	2.23	18.8	2.46
	20.0	8.9	1.18	10.7	1.42	12.5	1.66	13.4	1.77	15.2	2.01	17.0	2.24	18.8	2.48
	25.0	8.9	1.21	10.7	1.47	12.5	1.73	13.4	1.86	15.2	2.13	17.0	2.41	18.8	2.68
	30.0	8.9	1.82	10.7	2.08	12.5	2.36	13.4	2.50	15.2	2.79	17.0	3.09	18.8	3.39
	35.0	8.9	2.16	10.7	2.50	12.5	2.85	13.4	3.02	15.2	3.38	17.0	3.75	18.8	4.13
	40.0	8.9	2.53	10.7	2.95	12.5	3.37	13.4	3.58	15.2	4.02	17.0	4.47	18.8	4.92
	43.0	8.9	2.77	10.7	3.23	12.5	3.70	13.4	3.94	15.2	4.42	17.0	4.92	18.8	5.42
	46.0	8.8	2.99	10.6	3.50	12.4	4.01	13.3	4.27	15.0	4.81	16.8	5.35	18.6	5.90
	52.0	7.2	2.98	8.2	3.26	8.3	3.07	8.4	2.98	8.5	2.82	8.6	2.68	8.8	2.55

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30%	-10.0	6.7	0.87	8.0	1.05	9.4	1.22	10.1	1.31	11.4	1.48	12.7	1.65	14.1	1.83
	-5.0	6.7	0.87	8.0	1.05	9.4	1.22	10.1	1.31	11.4	1.48	12.7	1.66	14.1	1.83
	0.0	6.7	0.87	8.0	1.05	9.4	1.22	10.1	1.31	11.4	1.48	12.7	1.66	14.1	1.83
	5.0	6.7	0.88	8.0	1.05	9.4	1.22	10.1	1.31	11.4	1.49	12.7	1.66	14.1	1.84
	10.0	6.7	0.88	8.0	1.05	9.4	1.23	10.1	1.32	11.4	1.49	12.7	1.67	14.1	1.84
	15.0	6.7	0.88	8.0	1.06	9.4	1.23	10.1	1.32	11.4	1.50	12.7	1.67	14.1	1.85
	20.0	6.7	0.89	8.0	1.07	9.4	1.24	10.1	1.33	11.4	1.51	12.7	1.68	14.1	1.86
	25.0	6.7	0.91	8.0	1.08	9.4	1.27	10.1	1.36	11.4	1.55	12.7	1.74	14.1	1.93
	30.0	6.7	1.48	8.0	1.66	9.4	1.85	10.1	1.95	11.4	2.14	12.7	2.34	14.1	2.54
	35.0	6.7	1.73	8.0	1.97	9.4	2.21	10.1	2.33	11.4	2.58	12.7	2.83	14.1	3.08
	40.0	6.7	2.01	8.0	2.30	9.4	2.59	10.1	2.74	11.4	3.04	12.7	3.35	14.1	3.65
	43.0	6.7	2.18	8.0	2.51	9.4	2.84	10.1	3.00	11.4	3.34	12.7	3.68	14.1	4.02
	46.0	6.6	2.34	8.0	2.70	9.3	3.07	9.9	3.25	11.3	3.62	12.6	3.99	13.9	4.37
	52.0	5.4	2.34	6.5	2.70	7.6	3.06	8.1	3.25	8.3	3.08	8.3	2.89	8.4	2.72

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

1-6. U-12ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-24.9	-25.0	19.1	8.37	18.6	8.24	17.5	7.97	17.0	7.83	15.4	7.35	14.3	6.99	11.3	5.92
	-19.8	-20.0	22.3	8.70	21.7	8.56	20.5	8.25	19.9	8.09	18.0	7.55	16.7	7.16	13.4	6.02
	-14.7	-15.0	25.9	9.18	25.3	9.01	23.9	8.66	23.2	8.48	21.0	7.88	19.5	7.45	15.7	6.22
	-9.6	-10.0	30.2	9.87	29.4	9.68	27.8	9.28	27.0	9.07	24.6	8.40	22.9	7.92	18.4	6.57
	-4.4	-5.0	35.1	10.69	34.2	10.49	32.4	10.07	31.5	9.84	28.7	9.09	26.7	8.54	21.4	7.00
	-1.8	-2.5	37.8	10.95	36.9	10.75	34.9	10.30	33.9	10.06	30.8	9.29	28.7	8.73	23.1	7.18
	0.8	0.0	40.5	11.09	39.6	10.95	37.5	10.48	36.5	10.23	33.2	9.44	30.9	8.86	25.0	7.29
	2.8	2.0	42.6	11.09	42.0	11.09	39.9	10.64	38.7	10.39	35.3	9.59	32.8	8.97	25.4	6.90
	6.0	5.0	45.9	11.09	44.8	10.86	41.8	10.09	40.3	9.71	35.8	8.60	32.8	7.87	25.4	6.10
	7.0	6.0	46.3	10.70	44.8	10.34	41.8	9.61	40.3	9.26	35.8	8.21	32.8	7.52	25.4	5.84
	8.6	7.5	46.3	9.90	44.8	9.57	41.8	8.91	40.3	8.59	35.8	7.63	32.8	7.00	25.4	5.46
	11.2	10.0	46.3	8.64	44.8	8.36	41.8	7.81	40.3	7.53	35.8	6.72	32.8	6.19	25.4	4.86
	16.4	15.0	46.3	6.38	44.8	6.20	41.8	5.84	40.3	5.66	35.8	5.11	32.8	4.74	25.4	3.81
	24.0	18.0	46.3	6.25	44.8	6.06	41.8	5.68	40.3	5.49	35.8	4.92	32.8	4.54	25.4	3.59

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI
120%	-24.9	-25.0	19.1	8.29	18.5	8.17	17.5	7.90	17.0	7.76	15.3	7.29	14.2	6.93	11.3	5.88
	-19.8	-20.0	22.3	8.63	21.7	8.48	20.5	8.18	19.9	8.02	18.0	7.49	16.7	7.10	13.3	5.97
	-14.7	-15.0	25.9	9.11	25.2	8.94	23.8	8.60	23.1	8.41	21.0	7.82	19.5	7.39	15.6	6.18
	-9.6	-10.0	30.1	9.80	29.4	9.61	27.8	9.22	27.0	9.01	24.5	8.35	22.8	7.87	18.3	6.52
	-4.4	-5.0	35.1	10.59	34.2	10.40	32.4	9.98	31.5	9.76	28.6	9.02	26.6	8.48	21.4	6.96
	-1.8	-2.5	37.8	10.84	36.8	10.64	34.9	10.20	33.9	9.96	30.8	9.21	28.7	8.65	23.0	7.11
	0.8	0.0	40.6	11.05	39.6	10.84	37.5	10.37	36.4	10.13	33.1	9.34	30.9	8.78	24.8	7.18
	2.8	2.0	42.8	11.09	42.0	11.01	39.8	10.54	38.7	10.29	35.0	9.38	32.1	8.58	24.8	6.64
	6.0	5.0	45.2	10.64	43.8	10.29	40.8	9.58	39.4	9.24	35.0	8.21	32.1	7.53	24.8	5.87
	7.0	6.0	45.2	10.12	43.8	9.79	40.8	9.13	39.4	8.80	35.0	7.83	32.1	7.19	24.8	5.62
	8.6	7.5	45.2	9.36	43.8	9.05	40.8	8.46	39.4	8.16	35.0	7.28	32.1	6.70	24.8	5.25
	11.2	10.0	45.2	8.15	43.8	7.90	40.8	7.40	39.4	7.15	35.0	6.41	32.1	5.91	24.8	4.68
	16.4	15.0	45.2	6.11	43.8	5.92	40.8	5.55	39.4	5.37	35.0	4.86	32.1	4.52	24.8	3.66
	24.0	18.0	45.2	6.11	43.8	5.92	40.8	5.55	39.4	5.37	35.0	4.81	32.1	4.44	24.8	3.51

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-24.9	-25.0	19.0	8.22	18.5	8.10	17.4	7.84	16.9	7.70	15.3	7.23	14.2	6.87	11.2	5.83
	-19.8	-20.0	22.2	8.56	21.6	8.42	20.4	8.12	19.8	7.95	17.9	7.43	16.6	7.04	13.3	5.93
	-14.7	-15.0	25.9	9.04	25.2	8.88	23.8	8.53	23.1	8.35	20.9	7.77	19.4	7.34	15.6	6.13
	-9.6	-10.0	30.1	9.72	29.3	9.55	27.8	9.16	27.0	8.96	24.5	8.29	22.8	7.81	18.3	6.48
	-4.4	-5.0	35.1	10.50	34.2	10.31	32.4	9.90	31.4	9.68	28.6	8.95	26.6	8.42	21.3	6.92
	-1.8	-2.5	37.8	10.73	36.8	10.53	34.8	10.10	33.8	9.87	30.7	9.12	28.6	8.57	22.9	7.05
	0.8	0.0	40.6	10.94	39.6	10.72	37.5	10.27	36.4	10.03	33.1	9.25	30.8	8.70	24.2	6.91
	2.8	2.0	43.0	11.09	42.0	10.90	39.8	10.44	38.4	10.08	34.2	8.95	31.3	8.22	24.2	6.39
	6.0	5.0	44.1	10.06	42.7	9.74	39.9	9.10	38.4	8.78	34.2	7.83	31.3	7.20	24.2	5.64
	7.0	6.0	44.1	9.56	42.7	9.26	39.9	8.66	38.4	8.36	34.2	7.47	31.3	6.87	24.2	5.40
	8.6	7.5	44.1	8.84	42.7	8.56	39.9	8.02	38.4	7.75	34.2	6.94	31.3	6.40	24.2	5.05
	11.2	10.0	44.1	7.69	42.7	7.46	39.9	7.01	38.4	6.78	34.2	6.10	31.3	5.65	24.2	4.50
	16.4	15.0	44.1	5.97	42.7	5.79	39.9	5.43	38.4	5.25	34.2	4.70	31.3	4.34	24.2	3.52
	24.0	18.0	44.1	5.97	42.7	5.79	39.9	5.43	38.4	5.25	34.2	4.70	31.3	4.34	24.2	3.44

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	-24.9	-25.0	19.0	8.15	18.5	8.03	17.4	7.78	16.9	7.64	15.2	7.17	14.1	6.82	11.2	5.79
	-19.8	-20.0	22.2	8.49	21.6	8.35	20.4	8.05	19.8	7.89	17.9	7.37	16.6	6.99	13.2	5.88
	-14.7	-15.0	25.8	8.98	25.2	8.82	23.8	8.48	23.1	8.30	20.9	7.71	19.4	7.29	15.5	6.09
	-9.6	-10.0	30.1	9.70	29.3	9.48	27.7	9.11	26.9	8.90	24.4	8.24	22.7	7.76	18.2	6.43
	-4.4	-5.0	35.1	10.40	34.2	10.22	32.4	9.81	31.4	9.60	28.5	8.88	26.5	8.36	21.2	6.87
	-1.8	-2.5	37.8	10.63	36.8	10.43	34.8	10.00	33.8	9.77	30.7	9.04	28.5	8.50	22.9	6.99
	0.8	0.0	40.6	10.83	39.6	10.62	37.5	10.17	36.4	9.93	33.1	9.17	30.6	8.53	23.6	6.65
	2.8	2.0	43.1	10.99	41.7	10.64	38.9	9.93	37.5	9.58	33.3	8.55	30.6	7.86	23.6	6.15
	6.0	5.0	43.1	9.51	41.7	9.21	38.9	8.63	37.5	8.34	33.3	7.46	30.6	6.87	23.6	5.41
	7.0	6.0	43.1	9.03	41.7	8.76	38.9	8.21	37.5	7.92	33.3	7.10	30.6	6.55	23.6	5.19
	8.6	7.5	43.1	8.32	41.7	8.07	38.9	7.58	37.5	7.33	33.3	6.60	30.6	6.10	23.6	4.85
	11.2	10.0	43.1	7.23	41.7	7.03	38.9	6.63	37.5	6.42	33.3	5.81	30.6	5.40	23.6	4.33
	16.4	15.0	43.1	5.83	41.7	5.66	38.9	5.30	37.5	5.13	33.3	4.60	30.6	4.24	23.6	3.36
	24.0	18.0	43.1	5.83	41.7	5.66	38.9	5.30	37.5	5.13	33.3	4.60	30.6	4.24	23.6	3.36

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-12ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-24.9	-25.0	18.9	7.94	18.4	7.83	17.3	7.57	16.8	7.43	15.1	6.98	14.0	6.64	11.1	5.64
	-19.8	-20.0	22.2	8.29	21.6	8.15	20.3	7.86	19.7	7.70	17.8	7.19	16.5	6.82	13.1	5.74
	-14.7	-15.0	25.8	8.80	25.1	8.64	23.7	8.30	23.0	8.12	20.8	7.55	19.3	7.13	15.4	5.95
	-9.6	-10.0	30.2	9.56	29.4	9.38	27.8	8.97	26.9	8.73	24.4	8.09	22.7	7.61	18.1	6.30
	-4.4	-5.0	35.2	10.10	34.3	9.92	32.4	9.53	31.4	9.32	28.5	8.64	26.4	8.14	21.1	6.72
	-1.8	-2.5	37.9	10.30	36.9	10.11	34.9	9.70	33.8	9.44	30.0	8.49	27.5	7.85	21.3	6.23
	0.8	0.0	38.8	9.60	37.5	9.33	35.0	8.79	33.8	8.51	30.0	7.68	27.5	7.12	21.3	5.67
	2.8	2.0	38.8	8.75	37.5	8.51	35.0	8.03	33.8	7.79	30.0	7.04	27.5	6.54	21.3	5.28
	6.0	5.0	38.8	7.61	37.5	7.43	35.0	7.06	33.8	6.86	30.0	6.26	27.5	5.83	21.3	4.68
	7.0	6.0	38.8	7.37	37.5	7.17	35.0	6.78	33.8	6.58	30.0	5.97	27.5	5.56	21.3	4.48
	8.6	7.5	38.8	6.77	37.5	6.60	35.0	6.26	33.8	6.08	30.0	5.54	27.5	5.17	21.3	4.19
	11.2	10.0	38.8	5.85	37.5	5.72	35.0	5.44	33.8	5.30	30.0	4.86	27.5	4.56	21.3	3.74
	16.4	15.0	38.8	5.29	37.5	5.13	35.0	4.81	33.8	4.65	30.0	4.17	27.5	3.86	21.3	3.06
	24.0	18.0	38.8	5.29	37.5	5.13	35.0	4.81	33.8	4.65	30.0	4.17	27.5	3.86	21.3	3.06

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80%	-24.9	-25.0	19.0	7.85	18.5	7.73	17.4	7.48	16.9	7.35	15.2	6.90	14.0	6.56	11.1	5.58
	-19.8	-20.0	22.4	8.22	21.7	8.08	20.5	7.78	19.8	7.62	17.9	7.12	16.5	6.74	13.1	5.68
	-14.7	-15.0	26.1	8.75	25.4	8.59	24.0	8.25	23.2	8.07	21.0	7.49	19.4	7.07	15.4	5.90
	-9.6	-10.0	30.6	9.49	29.8	9.32	28.1	8.95	27.2	8.74	24.6	8.01	22.8	7.57	18.2	6.25
	-4.4	-5.0	34.4	9.42	33.3	9.18	31.1	8.69	30.0	8.44	26.7	7.68	24.4	7.15	18.9	5.76
	-1.8	-2.5	34.4	8.48	33.3	8.28	31.1	7.86	30.0	7.64	26.7	6.97	24.4	6.50	18.9	5.29
	0.8	0.0	34.4	7.59	33.3	7.43	31.1	7.09	30.0	6.91	26.7	6.35	24.4	5.95	18.9	4.86
	2.8	2.0	34.4	7.00	33.3	6.86	31.1	6.55	30.0	6.39	26.7	5.88	24.4	5.52	18.9	4.52
	6.0	5.0	34.4	6.17	33.3	6.05	31.1	5.79	30.0	5.65	26.7	5.20	24.4	4.88	18.9	3.99
	7.0	6.0	34.4	5.91	33.3	5.79	31.1	5.52	30.0	5.39	26.7	4.96	24.4	4.65	18.9	3.83
	8.6	7.5	34.4	5.42	33.3	5.31	31.1	5.08	30.0	4.96	26.7	4.59	24.4	4.32	18.9	3.58
	11.2	10.0	34.4	4.74	33.3	4.60	31.1	4.40	30.0	4.31	26.7	4.01	24.4	3.80	18.9	3.19
	16.4	15.0	34.4	4.74	33.3	4.60	31.1	4.31	30.0	4.17	26.7	3.75	24.4	3.47	18.9	2.76
	24.0	18.0	34.4	4.74	33.3	4.60	31.1	4.31	30.0	4.17	26.7	3.75	24.4	3.47	18.9	2.76

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-24.9	-25.0	19.5	7.94	19.0	7.82	17.9	7.57	17.3	7.43	15.5	6.97	14.4	6.63	11.3	5.63
	-19.8	-20.0	23.0	8.34	22.3	8.19	21.0	7.89	20.3	7.73	18.3	7.21	16.9	6.82	13.4	5.74
	-14.7	-15.0	26.9	8.91	26.2	8.74	24.6	8.39	23.9	8.20	21.5	7.61	19.9	7.18	15.8	5.98
	-9.6	-10.0	30.1	9.02	29.2	8.81	27.2	8.38	26.3	8.16	23.3	7.45	21.4	6.94	16.5	5.56
	-4.4	-5.0	30.1	7.46	29.2	7.31	27.2	7.01	26.3	6.84	23.3	6.31	21.4	5.93	16.5	4.89
	-1.8	-2.5	30.1	6.79	29.2	6.66	27.2	6.39	26.3	6.25	23.3	5.78	21.4	5.44	16.5	4.50
	0.8	0.0	30.1	6.14	29.2	6.03	27.2	5.80	26.3	5.67	23.3	5.26	21.4	4.96	16.5	4.13
	2.8	2.0	30.1	5.64	29.2	5.55	27.2	5.34	26.3	5.23	23.3	4.87	21.4	4.60	16.5	3.83
	6.0	5.0	30.1	4.92	29.2	4.84	27.2	4.67	26.3	4.57	23.3	4.26	21.4	4.03	16.5	3.35
	7.0	6.0	30.1	4.65	29.2	4.57	27.2	4.41	26.3	4.33	23.3	4.05	21.4	3.84	16.5	3.23
	8.6	7.5	30.1	4.24	29.2	4.18	27.2	4.05	26.3	3.98	23.3	3.74	21.4	3.56	16.5	3.02
	11.2	10.0	30.1	4.19	29.2	4.07	27.2	3.82	26.3	3.70	23.3	3.33	21.4	3.12	16.5	2.69
	16.4	15.0	30.1	4.19	29.2	4.07	27.2	3.82	26.3	3.70	23.3	3.33	21.4	3.08	16.5	2.46
	24.0	18.0	30.1	4.19	29.2	4.07	27.2	3.82	26.3	3.70	23.3	3.33	21.4	3.08	16.5	2.46

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60%	-24.9	-25.0	20.6	8.32	20.0	8.19	18.8	7.91	18.2	7.76	16.3	7.28	15.1	6.92	11.9	5.87
	-19.8	-20.0	24.3	8.75	23.6	8.59	22.2	8.27	21.5	8.10	19.3	7.54	17.8	7.14	14.0	5.99
	-14.7	-15.0	25.8	8.34	25.0	8.12	23.3	7.71	22.5	7.50	20.0	6.86	18.3	6.42	14.2	5.24
	-9.6	-10.0	25.8	7.14	25.0	7.01	23.3	6.73	22.5	6.59	20.0	6.11	18.3	5.76	14.2	4.73
	-4.4	-5.0	25.8	5.99	25.0	5.89	23.3	5.68	22.5	5.56	20.0	5.19	18.3	4.90	14.2	4.10
	-1.8	-2.5	25.8	5.42	25.0	5.34	23.3	5.16	22.5	5.06	20.0	4.73	18.3	4.49	14.2	3.77
	0.8	0.0	25.8	4.88	25.0	4.81	23.3	4.66	22.5	4.58	20.0	4.30	18.3	4.08	14.2	3.45
	2.8	2.0	25.8	4.46	25.0	4.40	23.3	4.28	22.5	4.21	20.0	3.96	18.3	3.77	14.2	3.19
	6.0	5.0	25.8	3.79	25.0	3.75	23.3	3.66	22.5	3.60	20.0	3.41	18.3	3.26	14.2	2.78
	7.0	6.0	25.8	3.64	25.0	3.54	23.3	3.45	22.5	3.41	20.0	3.24	18.3	3.10	14.2	2.68
	8.6	7.5	25.8	3.64	25.0	3.54	23.3	3.33	22.5	3.22	20.0	2.99	18.3	2.87	14.2	2.51
	11.2	10.0	25.8	3.64	25.0	3.54	23.3	3.33	22.5	3.22	20.0	2.90	18.3	2.69	14.2	2.23
	16.4	15.0	25.8	3.64	25.0	3.54	23.3	3.33	22.5	3.22	20.0	2.90	18.3	2.69	14.2	2.16
	24.0	18.0	25.8	3.64	25.0	3.54	23.3	3.33	22.5	3.22	20.0	2.90	18.3	2.69	14.2	2.16

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-12ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-24.9	-25.0	21.5	8.59	20.8	8.42	19.4	8.07	18.8	7.89	16.7	7.32	15.3	6.91	11.8	5.76
	-19.8	-20.0	21.5	7.41	20.8	7.25	19.4	6.94	18.8	6.78	16.7	6.26	15.3	5.90	11.8	4.90
	-14.7	-15.0	21.5	6.62	20.8	6.51	19.4	6.25	18.8	6.10	16.7	5.59	15.3	5.25	11.8	4.33
	-9.6	-10.0	21.5	5.64	20.8	5.56	19.4	5.37	18.8	5.27	16.7	4.93	15.3	4.67	11.8	3.92
	-4.4	-5.0	21.5	4.69	20.8	4.63	19.4	4.50	18.8	4.42	16.7	4.16	15.3	3.96	11.8	3.36
	-1.8	-2.5	21.5	4.23	20.8	4.18	19.4	4.07	18.8	4.01	16.7	3.79	15.3	3.61	11.8	3.09
	0.8	0.0	21.5	3.78	20.8	3.75	19.4	3.66	18.8	3.61	16.7	3.42	15.3	3.27	11.8	2.81
	2.8	2.0	21.5	3.40	20.8	3.37	19.4	3.30	18.8	3.26	16.7	3.11	15.3	2.98	11.8	2.59
	6.0	5.0	21.5	3.10	20.8	3.01	19.4	2.83	18.8	2.76	16.7	2.67	15.3	2.58	11.8	2.27
	7.0	6.0	21.5	3.10	20.8	3.01	19.4	2.83	18.8	2.74	16.7	2.53	15.3	2.45	11.8	2.18
	8.6	7.5	21.5	3.10	20.8	3.01	19.4	2.83	18.8	2.74	16.7	2.48	15.3	2.30	11.8	2.04
	11.2	10.0	21.5	3.10	20.8	3.01	19.4	2.83	18.8	2.74	16.7	2.48	15.3	2.30	11.8	1.86
	16.4	15.0	21.5	3.10	20.8	3.01	19.4	2.83	18.8	2.74	16.7	2.48	15.3	2.30	11.8	1.86
	24.0	18.0	21.5	3.10	20.8	3.01	19.4	2.83	18.8	2.74	16.7	2.48	15.3	2.30	11.8	1.86

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40%	-24.9	-25.0	17.2	6.52	16.7	6.40	15.6	6.16	15.0	6.04	13.3	5.63	12.2	5.34	9.4	4.51
	-19.8	-20.0	17.2	5.78	16.7	5.66	15.6	5.43	15.0	5.31	13.3	4.92	12.2	4.65	9.4	3.90
	-14.7	-15.0	17.2	5.07	16.7	5.00	15.6	4.85	15.0	4.76	13.3	4.44	12.2	4.16	9.4	3.47
	-9.6	-10.0	17.2	4.30	16.7	4.25	15.6	4.13	15.0	4.07	13.3	3.84	12.2	3.66	9.4	3.12
	-4.4	-5.0	17.2	3.55	16.7	3.51	15.6	3.44	15.0	3.39	13.3	3.23	12.2	3.10	9.4	2.67
	-1.8	-2.5	17.2	3.16	16.7	3.14	15.6	3.08	15.0	3.04	13.3	2.91	12.2	2.80	9.4	2.44
	0.8	0.0	17.2	2.77	16.7	2.75	15.6	2.72	15.0	2.70	13.3	2.60	12.2	2.51	9.4	2.22
	2.8	2.0	17.2	2.55	16.7	2.48	15.6	2.44	15.0	2.43	13.3	2.36	12.2	2.29	9.4	2.04
	6.0	5.0	17.2	2.55	16.7	2.48	15.6	2.34	15.0	2.27	13.3	2.05	12.2	1.98	9.4	1.80
	7.0	6.0	17.2	2.55	16.7	2.48	15.6	2.34	15.0	2.27	13.3	2.05	12.2	1.91	9.4	1.73
	8.6	7.5	17.2	2.55	16.7	2.48	15.6	2.34	15.0	2.27	13.3	2.05	12.2	1.91	9.4	1.62
	11.2	10.0	17.2	2.55	16.7	2.48	15.6	2.34	15.0	2.27	13.3	2.05	12.2	1.91	9.4	1.56
	16.4	15.0	17.2	2.55	16.7	2.48	15.6	2.34	15.0	2.27	13.3	2.05	12.2	1.91	9.4	1.56
	24.0	18.0	17.2	2.55	16.7	2.48	15.6	2.34	15.0	2.27	13.3	2.05	12.2	1.91	9.4	1.56

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30%	-24.9	-25.0	12.9	4.77	12.5	4.69	11.7	4.53	11.3	4.44	10.0	4.16	9.2	3.96	7.1	3.38
	-19.8	-20.0	12.9	4.28	12.5	4.20	11.7	4.02	11.3	3.94	10.0	3.67	9.2	3.47	7.1	2.94
	-14.7	-15.0	12.9	3.67	12.5	3.63	11.7	3.54	11.3	3.49	10.0	3.30	9.2	3.14	7.1	2.64
	-9.6	-10.0	12.9	3.09	12.5	3.07	11.7	3.01	11.3	2.97	10.0	2.83	9.2	2.72	7.1	2.36
	-4.4	-5.0	12.9	2.49	12.5	2.48	11.7	2.45	11.3	2.43	10.0	2.34	9.2	2.27	7.1	2.01
	-1.8	-2.5	12.9	2.20	12.5	2.19	11.7	2.18	11.3	2.17	10.0	2.11	9.2	2.05	7.1	1.84
	0.8	0.0	12.9	2.00	12.5	1.95	11.7	1.92	11.3	1.92	10.0	1.89	9.2	1.84	7.1	1.67
	2.8	2.0	12.9	2.00	12.5	1.95	11.7	1.84	11.3	1.79	10.0	1.71	9.2	1.69	7.1	1.55
	6.0	5.0	12.9	2.00	12.5	1.95	11.7	1.84	11.3	1.79	10.0	1.63	9.2	1.52	7.1	1.37
	7.0	6.0	12.9	2.00	12.5	1.95	11.7	1.84	11.3	1.79	10.0	1.63	9.2	1.52	7.1	1.32
	8.6	7.5	12.9	2.00	12.5	1.95	11.7	1.84	11.3	1.79	10.0	1.63	9.2	1.52	7.1	1.26
	11.2	10.0	12.9	2.00	12.5	1.95	11.7	1.84	11.3	1.79	10.0	1.63	9.2	1.52	7.1	1.26
	16.4	15.0	12.9	2.00	12.5	1.95	11.7	1.84	11.3	1.79	10.0	1.63	9.2	1.52	7.1	1.26
	24.0	18.0	12.9	2.00	12.5	1.95	11.7	1.84	11.3	1.79	10.0	1.63	9.2	1.52	7.1	1.26

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

1-7. U-14ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-10.0	34.7	4.62	41.6	5.54	43.0	5.74	43.0	5.74	48.7	6.50	54.5	7.27	60.2	8.03
	-5.0	34.7	4.62	41.6	5.55	43.0	5.74	43.0	5.74	48.7	6.51	54.5	7.27	60.2	8.04
	0.0	34.7	4.63	41.6	5.55	43.0	5.75	43.0	5.75	48.7	6.51	54.5	7.28	60.2	8.04
	5.0	34.7	4.63	41.6	5.56	43.0	5.76	43.0	5.76	48.7	6.53	54.5	7.30	60.2	8.07
	10.0	34.7	4.64	41.6	5.57	43.0	5.79	43.0	5.79	48.7	6.58	54.5	7.37	60.2	8.14
	15.0	34.7	4.66	41.6	5.62	43.0	5.88	43.0	5.88	48.7	6.71	54.5	7.52	60.2	8.30
	20.0	34.7	4.78	41.6	5.81	43.0	6.17	43.0	6.17	48.7	7.06	54.5	8.26	60.2	9.61
	25.0	34.7	5.40	41.6	6.75	43.0	7.57	43.0	7.57	48.7	8.97	54.5	10.49	60.2	12.13
	30.0	34.7	6.80	41.6	8.46	43.0	9.39	43.0	9.39	48.7	11.08	54.5	12.89	59.5	14.42
	35.0	34.7	8.30	41.6	10.30	43.0	11.35	43.0	11.35	48.7	13.34	52.7	14.42	54.9	14.42
	40.0	34.7	9.91	41.6	12.27	43.0	13.46	43.0	13.46	46.5	14.42	48.6	14.42	50.7	14.42
	43.0	34.7	10.94	41.6	13.54	42.3	14.42	42.3	14.42	44.3	14.42	46.1	14.15	47.3	13.52
	46.0	34.3	10.99	34.5	10.99	34.5	10.99	34.5	10.99	35.7	10.58	37.1	10.26	38.8	10.03
	52.0	14.4	4.28	15.3	4.28	15.3	4.28	15.3	4.28	17.0	4.43	18.9	4.59	20.9	4.76

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120%	-10.0	32.0	4.27	38.4	5.12	42.0	5.60	42.0	5.60	47.6	6.35	53.2	7.10	58.8	7.85
	-5.0	32.0	4.27	38.4	5.12	42.0	5.61	42.0	5.61	47.6	6.36	53.2	7.11	58.8	7.85
	0.0	32.0	4.27	38.4	5.13	42.0	5.62	42.0	5.62	47.6	6.36	53.2	7.11	58.8	7.86
	5.0	32.0	4.28	38.4	5.14	42.0	5.62	42.0	5.62	47.6	6.38	53.2	7.13	58.8	7.88
	10.0	32.0	4.29	38.4	5.14	42.0	5.65	42.0	5.65	47.6	6.42	53.2	7.19	58.8	7.95
	15.0	32.0	4.31	38.4	5.19	42.0	5.74	42.0	5.74	47.6	6.54	53.2	7.34	58.8	8.11
	20.0	32.0	4.42	38.4	5.36	42.0	6.01	42.0	6.01	47.6	6.88	53.2	7.95	58.8	9.24
	25.0	32.0	4.99	38.4	6.21	42.0	7.32	42.0	7.32	47.6	8.67	53.2	10.12	58.8	11.69
	30.0	32.0	6.27	38.4	7.79	42.0	9.09	42.0	9.09	47.6	10.71	53.2	12.45	58.8	14.31
	35.0	32.0	7.65	38.4	9.48	42.0	10.99	42.0	10.99	47.6	12.91	52.3	14.42	54.5	14.42
	40.0	32.0	9.14	38.4	11.30	42.0	13.05	42.0	13.05	46.2	14.42	48.2	14.42	50.3	14.42
	43.0	32.0	10.08	38.4	12.46	42.0	14.37	42.0	14.37	43.9	14.42	45.8	14.24	47.0	13.56
	46.0	31.7	10.97	34.3	11.03	34.3	11.03	34.3	11.03	35.4	10.58	36.8	10.24	38.3	9.98
	52.0	13.5	4.21	14.8	4.21	15.0	4.21	15.0	4.21	16.6	4.34	18.4	4.49	20.3	4.65

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-10.0	29.3	3.91	35.2	4.69	41.0	5.47	41.0	5.47	46.5	6.20	51.9	6.93	57.4	7.66
	-5.0	29.3	3.92	35.2	4.70	41.0	5.48	41.0	5.48	46.5	6.21	51.9	6.94	57.4	7.67
	0.0	29.3	3.92	35.2	4.70	41.0	5.48	41.0	5.48	46.5	6.21	51.9	6.94	57.4	7.67
	5.0	29.3	3.93	35.2	4.71	41.0	5.49	41.0	5.49	46.5	6.22	51.9	6.96	57.4	7.70
	10.0	29.3	3.93	35.2	4.72	41.0	5.51	41.0	5.51	46.5	6.26	51.9	7.02	57.4	7.76
	15.0	29.3	3.95	35.2	4.76	41.0	5.59	41.0	5.59	46.5	6.38	51.9	7.17	57.4	7.92
	20.0	29.3	4.05	35.2	4.92	41.0	5.85	41.0	5.85	46.5	6.70	51.9	7.65	57.4	8.88
	25.0	29.3	4.59	35.2	5.69	41.0	7.08	41.0	7.08	46.5	8.37	51.9	9.76	57.4	11.25
	30.0	29.3	5.76	35.2	7.13	41.0	8.80	41.0	8.80	46.5	10.35	51.9	12.01	57.4	13.79
	35.0	29.3	7.02	35.2	8.67	41.0	10.64	41.0	10.64	46.5	12.49	51.8	14.39	54.0	14.42
	40.0	29.3	8.38	35.2	10.33	41.0	12.65	41.0	12.65	45.8	14.42	47.8	14.42	49.9	14.42
	43.0	29.3	9.24	35.2	11.39	41.0	13.92	41.0	13.92	43.6	14.42	45.6	14.34	46.6	13.63
	46.0	29.0	10.05	34.2	11.08	34.2	11.08	34.2	11.08	35.2	10.60	36.4	10.22	37.9	9.94
	52.0	12.5	4.14	13.7	4.14	14.7	4.14	14.7	4.14	16.2	4.26	17.9	4.39	19.8	4.54

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	-10.0	26.7	3.56	32.0	4.27	37.3	4.98	40.0	5.34	45.3	6.05	50.7	6.76	56.0	7.47
	-5.0	26.7	3.56	32.0	4.27	37.3	4.99	40.0	5.34	45.3	6.06	50.7	6.77	56.0	7.48
	0.0	26.7	3.57	32.0	4.28	37.3	4.99	40.0	5.35	45.3	6.06	50.7	6.77	56.0	7.49
	5.0	26.7	3.57	32.0	4.29	37.3	5.00	40.0	5.35	45.3	6.07	50.7	6.79	56.0	7.51
	10.0	26.7	3.58	32.0	4.29	37.3	5.01	40.0	5.37	45.3	6.11	50.7	6.85	56.0	7.57
	15.0	26.7	3.59	32.0	4.33	37.3	5.07	40.0	5.45	45.3	6.21	50.7	6.98	56.0	7.73
	20.0	26.7	3.69	32.0	4.48	37.3	5.29	40.0	5.70	45.3	6.52	50.7	7.36	56.0	8.53
	25.0	26.7	4.19	32.0	5.18	37.3	6.26	40.0	6.84	45.3	8.07	50.7	9.40	56.0	10.83
	30.0	26.7	5.26	32.0	6.48	37.3	7.81	40.0	8.51	45.3	10.00	50.7	11.59	56.0	13.29
	35.0	26.7	6.40	32.0	7.88	37.3	9.47	40.0	10.30	45.3	12.07	50.7	13.95	53.5	14.42
	40.0	26.7	7.63	32.0	9.38	37.3	11.26	40.0	12.24	45.3	14.31	47.4	14.42	49.5	14.42
	43.0	26.7	8.41	32.0	10.34	37.3	12.40	40.0	13.49	43.3	14.42	45.3	14.42	46.3	13.71
	46.0	26.4	9.14	31.7	11.25	33.7	11.44	34.0	11.13	34.9	10.62	36.1	10.22	37.5	9.90
	52.0	11.5	3.91	12.5	3.95	13.7	4.03	14.4	4.07	15.9	4.18	17.5	4.30	19.3	4.43

* Use the above table when choosing the model of outdoor unit.

See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-14ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-10.0	24.0	3.20	28.8	3.84	33.6	4.48	36.0	4.80	40.8	5.45	45.6	6.09	50.4	6.73
	-5.0	24.0	3.21	28.8	3.85	33.6	4.49	36.0	4.81	40.8	5.45	45.6	6.09	50.4	6.73
	0.0	24.0	3.21	28.8	3.85	33.6	4.49	36.0	4.81	40.8	5.46	45.6	6.10	50.4	6.74
	5.0	24.0	3.21	28.8	3.86	33.6	4.50	36.0	4.82	40.8	5.46	45.6	6.11	50.4	6.75
	10.0	24.0	3.22	28.8	3.87	33.6	4.51	36.0	4.83	40.8	5.48	45.6	6.14	50.4	6.81
	15.0	24.0	3.23	28.8	3.88	33.6	4.55	36.0	4.88	40.8	5.56	45.6	6.25	50.4	6.94
	20.0	24.0	3.30	28.8	4.00	33.6	4.71	36.0	5.07	40.8	5.80	45.6	6.54	50.4	7.27
	25.0	24.0	3.72	28.8	4.54	33.6	5.45	36.0	5.93	40.8	6.95	45.6	8.04	50.4	9.22
	30.0	24.0	4.65	28.8	5.70	33.6	6.82	36.0	7.41	40.8	8.65	45.6	9.97	50.4	11.38
	35.0	24.0	5.67	28.8	6.93	33.6	8.28	36.0	8.98	40.8	10.47	45.6	12.05	50.4	13.71
	40.0	24.0	6.76	28.8	8.27	33.6	9.86	36.0	10.70	40.8	12.44	45.6	14.29	47.7	14.42
	43.0	24.0	7.46	28.8	9.11	33.6	10.87	36.0	11.79	40.8	13.71	43.6	14.42	45.3	14.23
	46.0	23.8	8.11	28.5	9.91	33.3	11.83	33.5	11.48	34.1	10.83	34.9	10.30	35.9	9.87
	52.0	11.0	3.81	11.8	3.80	12.8	3.82	13.3	3.83	14.5	3.88	15.8	3.95	17.2	4.02

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80%	-10.0	21.3	2.85	25.6	3.42	29.9	3.99	32.0	4.27	36.3	4.84	40.5	5.41	44.8	5.98
	-5.0	21.3	2.85	25.6	3.42	29.9	3.99	32.0	4.27	36.3	4.85	40.5	5.42	44.8	5.99
	0.0	21.3	2.85	25.6	3.42	29.9	3.99	32.0	4.28	36.3	4.85	40.5	5.42	44.8	5.99
	5.0	21.3	2.86	25.6	3.43	29.9	4.00	32.0	4.29	36.3	4.86	40.5	5.43	44.8	6.00
	10.0	21.3	2.86	25.6	3.44	29.9	4.01	32.0	4.29	36.3	4.87	40.5	5.45	44.8	6.03
	15.0	21.3	2.88	25.6	3.45	29.9	4.03	32.0	4.32	36.3	4.92	40.5	5.52	44.8	6.12
	20.0	21.3	2.91	25.6	3.52	29.9	4.15	32.0	4.46	36.3	5.10	40.5	5.74	44.8	6.39
	25.0	21.3	3.23	25.6	3.96	29.9	4.69	32.0	5.09	36.3	5.91	40.5	6.80	44.8	7.75
	30.0	21.3	4.08	25.6	4.96	29.9	5.89	32.0	6.37	36.3	7.40	40.5	8.48	44.8	9.62
	35.0	21.3	4.98	25.6	6.04	29.9	7.17	32.0	7.74	36.3	8.98	40.5	10.28	44.8	11.64
	40.0	21.3	5.94	25.6	7.21	29.9	8.55	32.0	9.25	36.3	10.70	40.5	12.22	44.8	13.82
	43.0	21.3	6.54	25.6	7.95	29.9	9.43	32.0	10.19	36.3	11.79	40.5	13.46	43.6	14.42
	46.0	21.1	7.12	25.3	8.64	29.6	10.25	31.7	11.09	33.5	11.28	34.0	10.61	34.7	10.04
	52.0	10.6	3.75	11.2	3.68	11.9	3.65	12.3	3.64	13.3	3.64	14.3	3.65	15.4	3.67

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-10.0	18.7	2.49	22.4	2.99	26.1	3.49	28.0	3.74	31.7	4.24	35.5	4.74	39.2	5.23
	-5.0	18.7	2.49	22.4	2.99	26.1	3.49	28.0	3.74	31.7	4.24	35.5	4.74	39.2	5.24
	0.0	18.7	2.50	22.4	3.00	26.1	3.50	28.0	3.75	31.7	4.24	35.5	4.74	39.2	5.24
	5.0	18.7	2.50	22.4	3.00	26.1	3.50	28.0	3.75	31.7	4.25	35.5	4.75	39.2	5.25
	10.0	18.7	2.51	22.4	3.01	26.1	3.51	28.0	3.76	31.7	4.26	35.5	4.76	39.2	5.26
	15.0	18.7	2.52	22.4	3.02	26.1	3.52	28.0	3.77	31.7	4.28	35.5	4.80	39.2	5.32
	20.0	18.7	2.54	22.4	3.06	26.1	3.59	28.0	3.86	31.7	4.41	35.5	4.96	39.2	5.52
	25.0	18.7	2.76	22.4	3.38	26.1	4.01	28.0	4.31	31.7	4.97	35.5	5.67	39.2	6.41
	30.0	18.7	3.55	22.4	4.26	26.1	5.02	28.0	5.41	31.7	6.24	35.5	7.10	39.2	8.02
	35.0	18.7	4.32	22.4	5.20	26.1	6.12	28.0	6.59	31.7	7.60	35.5	8.64	39.2	9.73
	40.0	18.7	5.15	22.4	6.20	26.1	7.31	28.0	7.88	31.7	9.06	35.5	10.30	39.2	11.58
	43.0	18.7	5.67	22.4	6.84	26.1	8.06	28.0	8.69	31.7	10.00	35.5	11.35	39.2	12.77
	46.0	18.5	6.17	22.2	7.44	25.9	8.77	27.7	9.46	31.4	10.88	33.4	11.24	33.8	10.52
	52.0	10.3	3.73	10.7	3.62	11.2	3.53	11.5	3.49	12.2	3.44	13.0	3.41	13.8	3.38

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60%	-10.0	16.0	2.14	19.2	2.56	22.4	2.99	24.0	3.20	27.2	3.63	30.4	4.06	33.6	4.49
	-5.0	16.0	2.14	19.2	2.57	22.4	2.99	24.0	3.21	27.2	3.64	30.4	4.06	33.6	4.49
	0.0	16.0	2.14	19.2	2.57	22.4	3.00	24.0	3.21	27.2	3.64	30.4	4.07	33.6	4.50
	5.0	16.0	2.14	19.2	2.57	22.4	3.00	24.0	3.22	27.2	3.64	30.4	4.07	33.6	4.50
	10.0	16.0	2.15	19.2	2.58	22.4	3.01	24.0	3.22	27.2	3.65	30.4	4.08	33.6	4.51
	15.0	16.0	2.16	19.2	2.59	22.4	3.02	24.0	3.23	27.2	3.66	30.4	4.10	33.6	4.54
	20.0	16.0	2.17	19.2	2.61	22.4	3.05	24.0	3.28	27.2	3.74	30.4	4.20	33.6	4.67
	25.0	16.0	2.31	19.2	2.82	22.4	3.35	24.0	3.60	27.2	4.13	30.4	4.65	33.6	5.22
	30.0	16.0	3.04	19.2	3.61	22.4	4.21	24.0	4.53	27.2	5.17	30.4	5.85	33.6	6.55
	35.0	16.0	3.69	19.2	4.40	22.4	5.14	24.0	5.51	27.2	6.31	30.4	7.13	33.6	7.99
	40.0	16.0	4.39	19.2	5.25	22.4	6.14	24.0	6.60	27.2	7.54	30.4	8.52	33.6	9.53
	43.0	16.0	4.84	19.2	5.79	22.4	6.78	24.0	7.28	27.2	8.32	30.4	9.40	33.6	10.52
	46.0	15.8	5.26	19.0	6.29	22.2	7.37	23.8	7.92	26.9	9.06	30.1	10.23	33.3	11.45
	52.0	10.0	3.77	10.3	3.61	10.6	3.47	10.8	3.41	11.3	3.31	11.9	3.23	12.5	3.16

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-14ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-10.0	13.3	1.78	16.0	2.14	18.7	2.49	20.0	2.67	22.7	3.03	25.3	3.38	28.0	3.74
	-5.0	13.3	1.78	16.0	2.14	18.7	2.50	20.0	2.67	22.7	3.03	25.3	3.39	28.0	3.74
	0.0	13.3	1.79	16.0	2.14	18.7	2.50	20.0	2.68	22.7	3.03	25.3	3.39	28.0	3.75
	5.0	13.3	1.79	16.0	2.15	18.7	2.50	20.0	2.68	22.7	3.04	25.3	3.40	28.0	3.75
	10.0	13.3	1.79	16.0	2.15	18.7	2.51	20.0	2.69	22.7	3.04	25.3	3.40	28.0	3.76
	15.0	13.3	1.80	16.0	2.16	18.7	2.52	20.0	2.70	22.7	3.05	25.3	3.41	28.0	3.77
	20.0	13.3	1.81	16.0	2.17	18.7	2.53	20.0	2.71	22.7	3.09	25.3	3.46	28.0	3.84
	25.0	13.3	1.88	16.0	2.29	18.7	2.71	20.0	2.91	22.7	3.34	25.3	3.77	28.0	4.20
	30.0	13.3	2.56	16.0	3.01	18.7	3.47	20.0	3.71	22.7	4.20	25.3	4.71	28.0	5.23
	35.0	13.3	3.10	16.0	3.66	18.7	4.23	20.0	4.51	22.7	5.13	25.3	5.75	28.0	6.40
	40.0	13.3	3.68	16.0	4.35	18.7	5.05	20.0	5.40	22.7	6.13	25.3	6.88	28.0	7.65
	43.0	13.3	4.04	16.0	4.79	18.7	5.57	20.0	5.96	22.7	6.77	25.3	7.60	28.0	8.45
	46.0	13.2	4.39	15.8	5.21	18.5	6.05	19.8	6.49	22.4	7.37	25.1	8.27	27.7	9.20
	52.0	9.9	3.90	10.0	3.68	10.2	3.49	10.3	3.41	10.6	3.27	11.0	3.14	11.4	3.03

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40%	-10.0	10.7	1.43	12.8	1.71	14.9	2.00	16.0	2.14	18.1	2.42	20.3	2.71	22.4	2.99
	-5.0	10.7	1.43	12.8	1.71	14.9	2.00	16.0	2.14	18.1	2.43	20.3	2.71	22.4	3.00
	0.0	10.7	1.43	12.8	1.71	14.9	2.00	16.0	2.14	18.1	2.43	20.3	2.71	22.4	3.00
	5.0	10.7	1.43	12.8	1.72	14.9	2.00	16.0	2.15	18.1	2.43	20.3	2.72	22.4	3.00
	10.0	10.7	1.43	12.8	1.72	14.9	2.01	16.0	2.15	18.1	2.44	20.3	2.72	22.4	3.01
	15.0	10.7	1.44	12.8	1.73	14.9	2.01	16.0	2.16	18.1	2.45	20.3	2.73	22.4	3.02
	20.0	10.7	1.45	12.8	1.74	14.9	2.03	16.0	2.17	18.1	2.46	20.3	2.75	22.4	3.04
	25.0	10.7	1.48	12.8	1.79	14.9	2.10	16.0	2.26	18.1	2.59	20.3	2.92	22.4	3.25
	30.0	10.7	2.12	12.8	2.45	14.9	2.78	16.0	2.96	18.1	3.31	20.3	3.68	22.4	4.05
	35.0	10.7	2.54	12.8	2.96	14.9	3.38	16.0	3.59	18.1	4.04	20.3	4.50	22.4	4.96
	40.0	10.7	2.99	12.8	3.50	14.9	4.02	16.0	4.29	18.1	4.83	20.3	5.37	22.4	5.93
	43.0	10.7	3.28	12.8	3.85	14.9	4.43	16.0	4.73	18.1	5.32	20.3	5.93	22.4	6.55
	46.0	10.6	3.56	12.7	4.18	14.8	4.82	15.8	5.14	18.0	5.79	20.1	6.46	22.2	7.14
	52.0	8.6	3.55	9.8	3.89	9.9	3.65	10.0	3.54	10.1	3.35	10.3	3.17	10.5	3.02

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30%	-10.0	8.0	1.07	9.6	1.28	11.2	1.50	12.0	1.60	13.6	1.82	15.2	2.03	16.8	2.25
	-5.0	8.0	1.07	9.6	1.29	11.2	1.50	12.0	1.61	13.6	1.82	15.2	2.03	16.8	2.25
	0.0	8.0	1.07	9.6	1.29	11.2	1.50	12.0	1.61	13.6	1.82	15.2	2.04	16.8	2.25
	5.0	8.0	1.07	9.6	1.29	11.2	1.50	12.0	1.61	13.6	1.82	15.2	2.04	16.8	2.25
	10.0	8.0	1.08	9.6	1.29	11.2	1.51	12.0	1.61	13.6	1.83	15.2	2.04	16.8	2.26
	15.0	8.0	1.08	9.6	1.30	11.2	1.51	12.0	1.62	13.6	1.84	15.2	2.05	16.8	2.27
	20.0	8.0	1.09	9.6	1.31	11.2	1.52	12.0	1.63	13.6	1.85	15.2	2.06	16.8	2.28
	25.0	8.0	1.11	9.6	1.32	11.2	1.55	12.0	1.66	13.6	1.89	15.2	2.12	16.8	2.35
	30.0	8.0	1.70	9.6	1.93	11.2	2.16	12.0	2.28	13.6	2.51	15.2	2.76	16.8	3.00
	35.0	8.0	2.01	9.6	2.30	11.2	2.60	12.0	2.74	13.6	3.05	15.2	3.36	16.8	3.67
	40.0	8.0	2.35	9.6	2.71	11.2	3.07	12.0	3.25	13.6	3.62	15.2	4.00	16.8	4.38
	43.0	8.0	2.56	9.6	2.96	11.2	3.37	12.0	3.58	13.6	3.99	15.2	4.41	16.8	4.83
	46.0	7.9	2.76	9.5	3.21	11.1	3.65	11.9	3.88	13.5	4.33	15.0	4.79	16.6	5.26
	52.0	6.5	2.76	7.8	3.20	9.1	3.65	9.7	3.87	9.9	3.67	9.9	3.44	10.0	3.23

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

1-8. U-14ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-24.9	-25.0	22.5	9.98	21.9	9.84	20.7	9.52	20.1	9.36	18.2	8.80	16.9	8.37	13.5	7.12
	-19.8	-20.0	26.2	10.34	25.5	10.18	24.1	9.82	23.4	9.64	21.3	9.01	19.8	8.56	15.8	7.23
	-14.7	-15.0	30.4	10.85	29.6	10.67	28.0	10.27	27.2	10.06	24.8	9.37	23.0	8.87	18.5	7.44
	-9.6	-10.0	35.2	11.61	34.3	11.39	32.6	10.94	31.7	10.70	28.9	9.94	26.9	9.39	21.7	7.83
	-4.4	-5.0	40.9	12.62	40.0	12.39	37.9	11.89	36.9	11.61	33.6	10.72	31.4	10.07	25.3	8.31
	-1.8	-2.5	44.1	12.97	43.0	12.74	40.8	12.22	39.7	11.95	36.2	11.05	33.8	10.40	27.3	8.58
	0.8	0.0	47.4	13.25	46.3	13.00	43.9	12.45	42.7	12.16	38.9	11.23	36.3	10.56	29.4	8.70
	2.8	2.0	50.2	13.45	49.0	13.18	46.5	12.62	45.3	12.33	41.3	11.38	38.6	10.70	30.5	8.46
	6.0	5.0	54.9	13.80	53.7	13.56	50.2	12.60	48.4	12.10	43.0	10.66	39.4	9.73	30.5	7.49
	7.0	6.0	55.5	13.45	53.8	12.96	50.2	12.01	48.4	11.55	43.0	10.18	39.4	9.30	30.5	7.18
	8.6	7.5	55.5	12.46	53.8	12.02	50.2	11.15	48.4	10.73	43.0	9.48	39.4	8.67	30.5	6.72
	11.2	10.0	55.5	10.90	53.8	10.53	50.2	9.79	48.4	9.43	43.0	8.37	39.4	7.68	30.5	6.00
	16.4	15.0	55.5	8.11	53.8	7.87	50.2	7.37	48.4	7.13	43.0	6.40	39.4	5.92	30.5	4.73
	24.0	18.0	55.5	7.46	53.8	7.24	50.2	6.79	48.4	6.57	43.0	5.90	39.4	5.45	30.5	4.34

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120%	-24.9	-25.0	22.4	9.87	21.8	9.73	20.6	9.43	20.0	9.26	18.1	8.71	16.8	8.29	13.4	7.05
	-19.8	-20.0	26.1	10.24	25.5	10.08	24.1	9.73	23.4	9.54	21.2	8.93	19.7	8.47	15.8	7.16
	-14.7	-15.0	30.3	10.76	29.5	10.57	28.0	10.18	27.2	9.97	24.7	9.29	23.0	8.79	18.5	7.38
	-9.6	-10.0	35.2	11.51	34.3	11.30	32.5	10.85	31.6	10.62	28.8	9.86	26.8	9.31	21.6	7.76
	-4.4	-5.0	40.9	12.50	39.9	12.27	37.9	11.79	36.8	11.52	33.5	10.65	31.3	10.01	25.2	8.22
	-1.8	-2.5	44.1	12.83	43.0	12.59	40.8	12.09	39.6	11.82	36.1	10.94	33.7	10.29	27.2	8.49
	0.8	0.0	47.4	13.09	46.2	12.84	43.8	12.30	42.6	12.02	38.8	11.11	36.2	10.44	29.3	8.61
	2.8	2.0	50.2	13.28	48.9	13.02	46.5	12.47	45.2	12.18	41.3	11.26	38.5	10.58	29.8	8.14
	6.0	5.0	54.3	13.35	52.5	12.88	49.0	11.95	47.3	11.50	42.0	10.17	38.5	9.30	29.8	7.21
	7.0	6.0	54.3	12.71	52.5	12.26	49.0	11.39	47.3	10.97	42.0	9.71	38.5	8.89	29.8	6.91
	8.6	7.5	54.3	11.77	52.5	11.36	49.0	10.57	47.3	10.18	42.0	9.04	38.5	8.29	29.8	6.47
	11.2	10.0	54.3	10.28	52.5	9.94	49.0	9.28	47.3	8.95	42.0	7.98	38.5	7.34	29.8	5.77
	16.4	15.0	54.3	7.63	52.5	7.40	49.0	6.96	47.3	6.74	42.0	6.09	38.5	5.65	29.8	4.54
	24.0	18.0	54.3	7.30	52.5	7.08	49.0	6.65	47.3	6.43	42.0	5.77	38.5	5.34	29.8	4.25

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-24.9	-25.0	22.3	9.77	21.7	9.64	20.5	9.33	19.9	9.17	18.0	8.62	16.7	8.21	13.3	6.99
	-19.8	-20.0	26.1	10.14	25.4	9.98	24.0	9.63	23.3	9.45	21.1	8.84	19.6	8.39	15.7	7.09
	-14.7	-15.0	30.2	10.67	29.5	10.48	27.9	10.09	27.1	9.88	24.6	9.20	22.9	8.71	18.4	7.31
	-9.6	-10.0	35.1	11.43	34.3	11.22	32.5	10.77	31.5	10.54	28.7	9.78	26.7	9.23	21.6	7.70
	-4.4	-5.0	40.9	12.38	39.9	12.16	37.8	11.68	36.8	11.42	33.5	10.57	31.2	9.94	25.1	8.18
	-1.8	-2.5	44.0	12.68	42.9	12.45	40.7	11.96	39.6	11.69	36.0	10.82	33.6	10.19	27.1	8.41
	0.8	0.0	47.3	12.94	46.2	12.69	43.8	12.16	42.5	11.88	38.8	10.98	36.1	10.33	29.0	8.45
	2.8	2.0	50.1	13.12	48.9	12.87	46.4	12.33	45.1	12.04	41.0	11.06	37.6	10.11	29.0	7.83
	6.0	5.0	53.0	12.61	51.3	12.18	47.8	11.34	46.1	10.92	41.0	9.69	37.6	8.89	29.0	6.93
	7.0	6.0	53.0	12.00	51.3	11.59	47.8	10.80	46.1	10.41	41.0	9.25	37.6	8.49	29.0	6.64
	8.6	7.5	53.0	11.10	51.3	10.74	47.8	10.02	46.1	9.66	41.0	8.61	37.6	7.92	29.0	6.22
	11.2	10.0	53.0	9.69	51.3	9.38	47.8	8.78	46.1	8.48	41.0	7.59	37.6	7.01	29.0	5.55
	16.4	15.0	53.0	7.16	51.3	6.97	47.8	6.57	46.1	6.38	41.0	5.78	37.6	5.39	29.0	4.37
	24.0	18.0	53.0	7.14	51.3	6.93	47.8	6.50	46.1	6.29	41.0	5.65	37.6	5.23	29.0	4.16

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	-24.9	-25.0	22.3	9.67	21.7	9.54	20.5	9.24	19.8	9.08	18.0	8.54	16.7	8.13	13.3	6.92
	-19.8	-20.0	26.0	10.05	25.3	9.89	23.9	9.54	23.2	9.36	21.0	8.76	19.5	8.31	15.6	7.02
	-14.7	-15.0	30.2	10.57	29.4	10.39	27.8	10.00	27.0	9.79	24.5	9.12	22.8	8.63	18.3	7.25
	-9.6	-10.0	35.1	11.34	34.2	11.13	32.4	10.69	31.5	10.46	28.6	9.71	26.7	9.16	21.5	7.63
	-4.4	-5.0	40.8	12.25	39.8	12.04	37.8	11.57	36.7	11.32	33.4	10.49	31.1	9.87	25.0	8.13
	-1.8	-2.5	44.0	12.54	42.9	12.31	40.7	11.82	39.5	11.56	35.9	10.70	33.5	10.08	27.0	8.33
	0.8	0.0	47.3	12.78	46.1	12.54	43.7	12.02	42.5	11.74	38.7	10.86	36.0	10.21	28.3	8.13
	2.8	2.0	50.1	12.97	48.9	12.72	46.4	12.19	45.0	11.88	40.0	10.54	36.7	9.67	28.3	7.53
	6.0	5.0	51.7	11.90	50.0	11.51	46.7	10.74	45.0	10.36	40.0	9.23	36.7	8.48	28.3	6.65
	7.0	6.0	51.7	11.32	50.0	10.95	46.7	10.23	45.0	9.86	40.0	8.80	36.7	8.10	28.3	6.37
	8.6	7.5	51.7	10.45	50.0	10.12	46.7	9.47	45.0	9.14	40.0	8.18	36.7	7.54	28.3	5.97
	11.2	10.0	51.7	9.10	50.0	8.83	46.7	8.29	45.0	8.02	40.0	7.22	36.7	6.69	28.3	5.34
	16.4	15.0	51.7	6.98	50.0	6.77	46.7	6.36	45.0	6.15	40.0	5.53	36.7	5.12	28.3	4.14
	24.0	18.0	51.7	6.98	50.0	6.77	46.7	6.36	45.0	6.15	40.0	5.53	36.7	5.11	28.3	4.08

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-14ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-24.9	-25.0	22.0	9.32	21.4	9.19	20.2	8.90	19.6	8.75	17.7	8.23	16.4	7.84	13.0	6.68
	-19.8	-20.0	25.8	9.70	25.1	9.55	23.7	9.21	23.0	9.04	20.8	8.45	19.3	8.02	15.3	6.79
	-14.7	-15.0	30.0	10.25	29.2	10.07	27.6	9.69	26.8	9.49	24.3	8.84	22.5	8.36	18.0	7.02
	-9.6	-10.0	35.0	11.09	34.1	10.87	32.2	10.35	31.3	10.17	28.4	9.43	26.4	8.90	21.2	7.41
	-4.4	-5.0	40.8	11.77	39.7	11.57	37.6	11.13	36.5	10.90	33.1	10.12	30.8	9.54	24.7	7.90
	-1.8	-2.5	43.9	12.01	42.8	11.79	40.5	11.33	39.3	11.08	35.7	10.27	33.0	9.61	25.5	7.59
	0.8	0.0	46.5	11.91	45.0	11.56	42.0	10.85	40.5	10.50	36.0	9.43	33.0	8.72	25.5	6.93
	2.8	2.0	46.5	10.87	45.0	10.56	42.0	9.94	40.5	9.62	36.0	8.67	33.0	8.04	25.5	6.46
	6.0	5.0	46.5	9.47	45.0	9.24	42.0	8.76	40.5	8.51	36.0	7.75	33.0	7.19	25.5	5.75
	7.0	6.0	46.5	9.23	45.0	8.97	42.0	8.45	40.5	8.19	36.0	7.40	33.0	6.87	25.5	5.51
	8.6	7.5	46.5	8.51	45.0	8.28	42.0	7.81	40.5	7.58	36.0	6.87	33.0	6.39	25.5	5.17
	11.2	10.0	46.5	7.37	45.0	7.19	42.0	6.82	40.5	6.63	36.0	6.05	33.0	5.66	25.5	4.62
	16.4	15.0	46.5	6.33	45.0	6.15	42.0	5.77	40.5	5.59	36.0	5.03	33.0	4.66	25.5	3.72
	24.0	18.0	46.5	6.33	45.0	6.15	42.0	5.77	40.5	5.59	36.0	5.03	33.0	4.66	25.5	3.72

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80%	-24.9	-25.0	22.0	9.07	21.4	8.94	20.1	8.66	19.5	8.51	17.6	8.01	16.3	7.63	12.9	6.51
	-19.8	-20.0	25.8	9.47	25.1	9.31	23.6	8.98	22.9	8.81	20.7	8.24	19.1	7.82	15.2	6.62
	-14.7	-15.0	30.0	10.04	29.2	9.86	27.6	9.48	26.8	9.28	24.2	8.64	22.4	8.18	17.9	6.86
	-9.6	-10.0	35.1	10.87	34.2	10.68	32.3	10.26	31.3	10.02	28.4	9.25	26.3	8.72	21.0	7.25
	-4.4	-5.0	40.9	11.41	39.9	11.22	37.3	10.66	36.0	10.34	32.0	9.37	29.3	8.71	22.7	7.00
	-1.8	-2.5	41.3	10.46	40.0	10.20	37.3	9.65	36.0	9.38	32.0	8.53	29.3	7.94	22.7	6.44
	0.8	0.0	41.3	9.35	40.0	9.14	37.3	8.71	36.0	8.48	32.0	7.77	29.3	7.27	22.7	5.93
	2.8	2.0	41.3	8.65	40.0	8.46	37.3	8.07	36.0	7.87	32.0	7.23	29.3	6.77	22.7	5.54
	6.0	5.0	41.3	7.67	40.0	7.51	37.3	7.17	36.0	7.00	32.0	6.44	29.3	6.03	22.7	4.93
	7.0	6.0	41.3	7.41	40.0	7.24	37.3	6.88	36.0	6.70	32.0	6.14	29.3	5.75	22.7	4.72
	8.6	7.5	41.3	6.81	40.0	6.66	37.3	6.35	36.0	6.19	32.0	5.70	29.3	5.35	22.7	4.42
	11.2	10.0	41.3	5.86	40.0	5.75	37.3	5.51	36.0	5.39	32.0	5.00	29.3	4.72	22.7	3.96
	16.4	15.0	41.3	5.69	40.0	5.53	37.3	5.19	36.0	5.03	32.0	4.53	29.3	4.20	22.7	3.37
	24.0	18.0	41.3	5.69	40.0	5.53	37.3	5.19	36.0	5.03	32.0	4.53	29.3	4.20	22.7	3.37

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-24.9	-25.0	22.2	9.00	21.6	8.87	20.3	8.58	19.7	8.44	17.7	7.93	16.4	7.56	12.9	6.45
	-19.8	-20.0	26.1	9.42	25.4	9.26	23.9	8.93	23.1	8.75	20.8	8.18	19.3	7.76	15.3	6.57
	-14.7	-15.0	30.5	10.02	29.7	9.84	28.0	9.46	27.1	9.26	24.5	8.61	22.7	8.14	18.0	6.82
	-9.6	-10.0	35.7	10.81	34.8	10.63	32.7	10.19	31.5	9.90	28.0	8.99	25.7	8.34	19.8	6.72
	-4.4	-5.0	36.2	9.09	35.0	8.91	32.7	8.52	31.5	8.32	28.0	7.67	25.7	7.21	19.8	5.94
	-1.8	-2.5	36.2	8.31	35.0	8.15	32.7	7.81	31.5	7.63	28.0	7.05	25.7	6.63	19.8	5.48
	0.8	0.0	36.2	7.54	35.0	7.40	32.7	7.10	31.5	6.95	28.0	6.44	25.7	6.07	19.8	5.04
	2.8	2.0	36.2	6.95	35.0	6.83	32.7	6.57	31.5	6.42	28.0	5.97	25.7	5.63	19.8	4.70
	6.0	5.0	36.2	6.11	35.0	6.01	32.7	5.79	31.5	5.67	28.0	5.28	25.7	4.98	19.8	4.15
	7.0	6.0	36.2	5.83	35.0	5.73	32.7	5.51	31.5	5.40	28.0	5.02	25.7	4.75	19.8	4.00
	8.6	7.5	36.2	5.34	35.0	5.25	32.7	5.07	31.5	4.97	28.0	4.65	25.7	4.42	19.8	3.74
	11.2	10.0	36.2	5.05	35.0	4.90	32.7	4.61	31.5	4.47	28.0	4.07	25.7	3.89	19.8	3.34
	16.4	15.0	36.2	5.05	35.0	4.90	32.7	4.61	31.5	4.47	28.0	4.03	25.7	3.74	19.8	3.02
	24.0	18.0	36.2	5.05	35.0	4.90	32.7	4.61	31.5	4.47	28.0	4.03	25.7	3.74	19.8	3.02

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60%	-24.9	-25.0	23.0	9.21	22.4	9.07	21.0	8.78	20.4	8.62	18.3	8.10	16.9	7.71	13.3	6.58
	-19.8	-20.0	27.1	9.66	26.3	9.49	24.8	9.15	24.0	8.96	21.6	8.37	19.9	7.94	15.7	6.70
	-14.7	-15.0	31.0	9.98	30.0	9.78	28.0	9.30	27.0	9.05	24.0	8.28	22.0	7.75	17.0	6.34
	-9.6	-10.0	31.0	8.64	30.0	8.48	28.0	8.14	27.0	7.96	24.0	7.38	22.0	6.95	17.0	5.70
	-4.4	-5.0	31.0	7.29	30.0	7.17	28.0	6.91	27.0	6.76	24.0	6.30	22.0	5.96	17.0	4.98
	-1.8	-2.5	31.0	6.63	30.0	6.52	28.0	6.30	27.0	6.17	24.0	5.77	22.0	5.47	17.0	4.60
	0.8	0.0	31.0	5.98	30.0	5.90	28.0	5.71	27.0	5.60	24.0	5.25	22.0	4.99	17.0	4.22
	2.8	2.0	31.0	5.49	30.0	5.42	28.0	5.26	27.0	5.17	24.0	4.86	22.0	4.62	17.0	3.93
	6.0	5.0	31.0	4.76	30.0	4.70	28.0	4.57	27.0	4.49	24.0	4.24	22.0	4.05	17.0	3.45
	7.0	6.0	31.0	4.49	30.0	4.44	28.0	4.32	27.0	4.26	24.0	4.03	22.0	3.86	17.0	3.33
	8.6	7.5	31.0	4.41	30.0	4.28	28.0	4.03	27.0	3.92	24.0	3.73	22.0	3.58	17.0	3.12
	11.2	10.0	31.0	4.41	30.0	4.28	28.0	4.03	27.0	3.91	24.0	3.54	22.0	3.29	17.0	2.79
	16.4	15.0	31.0	4.41	30.0	4.28	28.0	4.03	27.0	3.91	24.0	3.54	22.0	3.29	17.0	2.67
	24.0	18.0	31.0	4.41	30.0	4.28	28.0	4.03	27.0	3.91	24.0	3.54	22.0	3.29	17.0	2.67

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-14ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-24.9	-25.0	24.8	9.85	24.1	9.70	22.6	9.38	21.9	9.21	19.6	8.64	18.1	8.22	14.2	6.95
	-19.8	-20.0	25.8	8.93	25.0	8.75	23.3	8.33	22.5	8.13	20.0	7.52	18.3	7.09	14.2	5.91
	-14.7	-15.0	25.8	7.98	25.0	7.84	23.3	7.52	22.5	7.33	20.0	6.73	18.3	6.32	14.2	5.24
	-9.6	-10.0	25.8	6.83	25.0	6.72	23.3	6.50	22.5	6.37	20.0	5.96	18.3	5.65	14.2	4.75
	-4.4	-5.0	25.8	5.71	25.0	5.64	23.3	5.47	22.5	5.38	20.0	5.07	18.3	4.82	14.2	4.11
	-1.8	-2.5	25.8	5.17	25.0	5.11	23.3	4.97	22.5	4.90	20.0	4.63	18.3	4.42	14.2	3.79
	0.8	0.0	25.8	4.65	25.0	4.60	23.3	4.49	22.5	4.43	20.0	4.20	18.3	4.02	14.2	3.48
	2.8	2.0	25.8	4.25	25.0	4.21	23.3	4.12	22.5	4.06	20.0	3.86	18.3	3.70	14.2	3.21
	6.0	5.0	25.8	3.76	25.0	3.66	23.3	3.50	22.5	3.47	20.0	3.33	18.3	3.22	14.2	2.82
	7.0	6.0	25.8	3.76	25.0	3.66	23.3	3.45	22.5	3.35	20.0	3.17	18.3	3.07	14.2	2.73
	8.6	7.5	25.8	3.76	25.0	3.66	23.3	3.45	22.5	3.35	20.0	3.04	18.3	2.85	14.2	2.56
	11.2	10.0	25.8	3.76	25.0	3.66	23.3	3.45	22.5	3.35	20.0	3.04	18.3	2.83	14.2	2.31
	16.4	15.0	25.8	3.76	25.0	3.66	23.3	3.45	22.5	3.35	20.0	3.04	18.3	2.83	14.2	2.31
	24.0	18.0	25.8	3.76	25.0	3.66	23.3	3.45	22.5	3.35	20.0	3.04	18.3	2.83	14.2	2.31

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40%	-24.9	-25.0	20.7	7.82	20.0	7.69	18.7	7.40	18.0	7.25	16.0	6.77	14.7	6.42	11.3	5.44
	-19.8	-20.0	20.7	6.94	20.0	6.81	18.7	6.53	18.0	6.39	16.0	5.93	14.7	5.61	11.3	4.72
	-14.7	-15.0	20.7	6.14	20.0	6.05	18.7	5.86	18.0	5.75	16.0	5.36	14.7	5.01	11.3	4.21
	-9.6	-10.0	20.7	5.22	20.0	5.16	18.7	5.02	18.0	4.94	16.0	4.67	14.7	4.45	11.3	3.81
	-4.4	-5.0	20.7	4.34	20.0	4.30	18.7	4.21	18.0	4.15	16.0	3.95	14.7	3.79	11.3	3.29
	-1.8	-2.5	20.7	3.92	20.0	3.89	18.7	3.81	18.0	3.77	16.0	3.61	14.7	3.47	11.3	3.03
	0.8	0.0	20.7	3.47	20.0	3.45	18.7	3.40	18.0	3.36	16.0	3.23	14.7	3.12	11.3	2.76
	2.8	2.0	20.7	3.12	20.0	3.10	18.7	3.07	18.0	3.04	16.0	2.95	14.7	2.86	11.3	2.56
	6.0	5.0	20.7	3.12	20.0	3.04	18.7	2.87	18.0	2.79	16.0	2.55	14.7	2.50	11.3	2.27
	7.0	6.0	20.7	3.12	20.0	3.04	18.7	2.87	18.0	2.79	16.0	2.54	14.7	2.38	11.3	2.18
	8.6	7.5	20.7	3.12	20.0	3.04	18.7	2.87	18.0	2.79	16.0	2.54	14.7	2.38	11.3	2.05
	11.2	10.0	20.7	3.12	20.0	3.04	18.7	2.87	18.0	2.79	16.0	2.54	14.7	2.38	11.3	1.96
	16.4	15.0	20.7	3.12	20.0	3.04	18.7	2.87	18.0	2.79	16.0	2.54	14.7	2.38	11.3	1.96
	24.0	18.0	20.7	3.12	20.0	3.04	18.7	2.87	18.0	2.79	16.0	2.54	14.7	2.38	11.3	1.96

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30%	-24.9	-25.0	15.5	5.76	15.0	5.66	14.0	5.47	13.5	5.36	12.0	5.03	11.0	4.79	8.5	4.11
	-19.8	-20.0	15.5	5.18	15.0	5.08	14.0	4.87	13.5	4.77	12.0	4.45	11.0	4.22	8.5	3.60
	-14.7	-15.0	15.5	4.47	15.0	4.42	14.0	4.31	13.5	4.25	12.0	4.02	11.0	3.83	8.5	3.23
	-9.6	-10.0	15.5	3.79	15.0	3.76	14.0	3.69	13.5	3.64	12.0	3.48	11.0	3.34	8.5	2.92
	-4.4	-5.0	15.5	3.11	15.0	3.09	14.0	3.05	13.5	3.02	12.0	2.92	11.0	2.82	8.5	2.51
	-1.8	-2.5	15.5	2.76	15.0	2.76	14.0	2.73	13.5	2.72	12.0	2.64	11.0	2.57	8.5	2.30
	0.8	0.0	15.5	2.48	15.0	2.43	14.0	2.43	13.5	2.42	12.0	2.37	11.0	2.32	8.5	2.11
	2.8	2.0	15.5	2.48	15.0	2.42	14.0	2.29	13.5	2.23	12.0	2.17	11.0	2.13	8.5	1.96
	6.0	5.0	15.5	2.48	15.0	2.42	14.0	2.29	13.5	2.23	12.0	2.04	11.0	1.92	8.5	1.76
	7.0	6.0	15.5	2.48	15.0	2.42	14.0	2.29	13.5	2.23	12.0	2.04	11.0	1.92	8.5	1.69
	8.6	7.5	15.5	2.48	15.0	2.42	14.0	2.29	13.5	2.23	12.0	2.04	11.0	1.92	8.5	1.61
	11.2	10.0	15.5	2.48	15.0	2.42	14.0	2.29	13.5	2.23	12.0	2.04	11.0	1.92	8.5	1.61
	16.4	15.0	15.5	2.48	15.0	2.42	14.0	2.29	13.5	2.23	12.0	2.04	11.0	1.92	8.5	1.61
	24.0	18.0	15.5	2.48	15.0	2.42	14.0	2.29	13.5	2.23	12.0	2.04	11.0	1.92	8.5	1.61

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

1-9. U-16ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-10.0	39.0	5.78	46.8	6.93	48.4	7.17	48.4	7.17	54.8	8.13	61.3	9.09	67.7	10.04
	-5.0	39.0	5.78	46.8	6.94	48.4	7.18	48.4	7.18	54.8	8.14	61.3	9.09	67.7	10.05
	0.0	39.0	5.79	46.8	6.94	48.4	7.19	48.4	7.19	54.8	8.14	61.3	9.10	67.7	10.06
	5.0	39.0	5.79	46.8	6.95	48.4	7.19	48.4	7.19	54.8	8.16	61.3	9.13	67.7	10.09
	10.0	39.0	5.80	46.8	6.96	48.4	7.23	48.4	7.23	54.8	8.21	61.3	9.20	67.7	10.16
	15.0	39.0	5.82	46.8	7.01	48.4	7.34	48.4	7.34	54.8	8.36	61.3	9.37	67.7	10.34
	20.0	39.0	5.96	46.8	7.22	48.4	7.65	48.4	7.65	54.8	8.75	61.3	10.25	67.7	11.94
	25.0	39.0	6.67	46.8	8.36	48.4	9.39	48.4	9.39	54.8	11.14	61.3	13.04	67.7	15.09
	30.0	39.0	8.42	46.8	10.50	48.4	11.67	48.4	11.67	54.8	13.77	61.3	16.04	66.9	17.92
	35.0	39.0	10.29	46.8	12.79	48.4	14.11	48.4	14.11	54.8	16.61	59.2	17.92	61.7	17.92
	40.0	39.0	12.31	46.8	15.27	48.4	16.76	48.4	16.76	52.3	17.92	54.6	17.92	57.0	17.92
	43.0	39.0	13.60	46.8	16.85	47.6	17.92	47.6	17.92	49.7	17.92	51.8	17.61	53.2	16.82
	46.0	38.6	13.67	38.8	13.67	38.8	13.67	38.8	13.67	40.1	13.15	41.8	12.76	43.7	12.47
	52.0	16.2	5.27	17.2	5.27	17.2	5.27	17.2	5.27	19.1	5.45	21.2	5.66	23.5	5.87

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120%	-10.0	36.0	5.33	43.2	6.40	47.3	7.01	47.3	7.01	53.6	7.94	59.9	8.88	66.2	9.81
	-5.0	36.0	5.34	43.2	6.41	47.3	7.01	47.3	7.01	53.6	7.95	59.9	8.88	66.2	9.82
	0.0	36.0	5.34	43.2	6.41	47.3	7.02	47.3	7.02	53.6	7.95	59.9	8.89	66.2	9.82
	5.0	36.0	5.35	43.2	6.42	47.3	7.03	47.3	7.03	53.6	7.97	59.9	8.91	66.2	9.85
	10.0	36.0	5.36	43.2	6.43	47.3	7.06	47.3	7.06	53.6	8.02	59.9	8.98	66.2	9.93
	15.0	36.0	5.38	43.2	6.48	47.3	7.16	47.3	7.16	53.6	8.16	59.9	9.15	66.2	10.10
	20.0	36.0	5.50	43.2	6.67	47.3	7.46	47.3	7.46	53.6	8.52	59.9	9.86	66.2	11.48
	25.0	36.0	6.16	43.2	7.69	47.3	9.08	47.3	9.08	53.6	10.76	59.9	12.58	66.2	14.53
	30.0	36.0	7.76	43.2	9.66	47.3	11.29	47.3	11.29	53.6	13.31	59.9	15.49	66.2	17.81
	35.0	36.0	9.49	43.2	11.77	47.3	13.67	47.3	13.67	53.6	16.07	58.8	17.92	61.2	17.92
	40.0	36.0	11.35	43.2	14.05	47.3	16.24	47.3	16.24	51.9	17.92	54.2	17.92	56.5	17.92
	43.0	36.0	12.53	43.2	15.50	46.9	17.70	46.9	17.70	49.4	17.92	51.6	17.73	52.8	16.88
	46.0	35.6	13.64	38.6	13.71	38.6	13.71	38.6	13.71	39.8	13.15	41.4	12.73	43.1	12.40
	52.0	15.2	5.18	16.6	5.18	16.9	5.18	16.9	5.18	18.7	5.35	20.7	5.53	22.9	5.73

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-10.0	33.0	4.89	39.6	5.87	46.1	6.84	46.1	6.84	52.3	7.75	58.4	8.67	64.6	9.58
	-5.0	33.0	4.90	39.6	5.87	46.1	6.85	46.1	6.85	52.3	7.76	58.4	8.67	64.6	9.58
	0.0	33.0	4.90	39.6	5.88	46.1	6.85	46.1	6.85	52.3	7.77	58.4	8.68	64.6	9.59
	5.0	33.0	4.91	39.6	5.89	46.1	6.86	46.1	6.86	52.3	7.78	58.4	8.70	64.6	9.62
	10.0	33.0	4.92	39.6	5.90	46.1	6.89	46.1	6.89	52.3	7.82	58.4	8.77	64.6	9.69
	15.0	33.0	4.93	39.6	5.94	46.1	6.98	46.1	6.98	52.3	7.95	58.4	8.93	64.6	9.86
	20.0	33.0	5.05	39.6	6.12	46.1	7.26	46.1	7.26	52.3	8.30	58.4	9.49	64.6	11.02
	25.0	33.0	5.65	39.6	7.03	46.1	8.77	46.1	8.77	52.3	10.38	58.4	12.12	64.6	13.99
	30.0	33.0	7.12	39.6	8.83	46.1	10.93	46.1	10.93	52.3	12.86	58.4	14.95	64.6	17.17
	35.0	33.0	8.70	39.6	10.76	46.1	13.23	46.1	13.23	52.3	15.54	58.3	17.91	60.7	17.92
	40.0	33.0	10.40	39.6	12.84	46.1	15.73	46.1	15.73	51.5	17.92	53.7	17.92	56.1	17.92
	43.0	33.0	11.48	39.6	14.16	46.1	17.34	46.1	17.34	49.0	17.92	51.3	17.86	52.5	16.96
	46.0	32.7	12.49	38.4	13.77	38.4	13.77	38.4	13.77	39.6	13.17	41.0	12.71	42.6	12.35
	52.0	14.1	5.09	15.4	5.09	16.5	5.09	16.5	5.09	18.3	5.24	20.2	5.41	22.3	5.59

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	-10.0	30.0	4.45	36.0	5.34	42.0	6.23	45.0	6.67	51.0	7.56	57.0	8.46	63.0	9.35
	-5.0	30.0	4.45	36.0	5.34	42.0	6.23	45.0	6.68	51.0	7.57	57.0	8.46	63.0	9.35
	0.0	30.0	4.46	36.0	5.35	42.0	6.24	45.0	6.69	51.0	7.58	57.0	8.47	63.0	9.36
	5.0	30.0	4.46	36.0	5.36	42.0	6.25	45.0	6.69	51.0	7.59	57.0	8.49	63.0	9.38
	10.0	30.0	4.47	36.0	5.36	42.0	6.26	45.0	6.71	51.0	7.63	57.0	8.55	63.0	9.45
	15.0	30.0	4.49	36.0	5.40	42.0	6.33	45.0	6.80	51.0	7.75	57.0	8.70	63.0	9.62
	20.0	30.0	4.59	36.0	5.57	42.0	6.57	45.0	7.07	51.0	8.08	57.0	9.12	63.0	10.58
	25.0	30.0	5.16	36.0	6.39	42.0	7.75	45.0	8.47	51.0	10.01	57.0	11.67	63.0	13.46
	30.0	30.0	6.49	36.0	8.02	42.0	9.68	45.0	10.56	51.0	12.42	57.0	14.41	63.0	16.54
	35.0	30.0	7.92	36.0	9.77	42.0	11.76	45.0	12.80	51.0	15.02	57.0	17.37	60.2	17.92
	40.0	30.0	9.46	36.0	11.65	42.0	14.00	45.0	15.23	51.0	17.82	53.3	17.92	55.6	17.92
	43.0	30.0	10.44	36.0	12.85	42.0	15.43	45.0	16.79	48.6	17.92	51.0	17.92	52.1	17.07
	46.0	29.7	11.35	35.6	13.98	37.9	14.23	38.3	13.84	39.3	13.20	40.6	12.70	42.1	12.30
	52.0	12.9	4.81	14.1	4.86	15.5	4.95	16.2	5.01	17.9	5.14	19.7	5.29	21.7	5.45

* Use the above table when choosing the model of outdoor unit.

See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-16ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-10.0	27.0	4.00	32.4	4.81	37.8	5.61	40.5	6.01	45.9	6.81	51.3	7.61	56.7	8.41
	-5.0	27.0	4.01	32.4	4.81	37.8	5.61	40.5	6.01	45.9	6.81	51.3	7.62	56.7	8.42
	0.0	27.0	4.01	32.4	4.81	37.8	5.62	40.5	6.02	45.9	6.82	51.3	7.62	56.7	8.42
	5.0	27.0	4.02	32.4	4.82	37.8	5.62	40.5	6.03	45.9	6.83	51.3	7.63	56.7	8.44
	10.0	27.0	4.03	32.4	4.83	37.8	5.63	40.5	6.04	45.9	6.85	51.3	7.67	56.7	8.50
	15.0	27.0	4.04	32.4	4.85	37.8	5.68	40.5	6.09	45.9	6.94	51.3	7.79	56.7	8.64
	20.0	27.0	4.11	32.4	4.98	37.8	5.86	40.5	6.30	45.9	7.21	51.3	8.11	56.7	9.01
	25.0	27.0	4.57	32.4	5.60	37.8	6.73	40.5	7.33	45.9	8.61	51.3	9.98	56.7	11.44
	30.0	27.0	5.74	32.4	7.04	37.8	8.44	40.5	9.18	45.9	10.73	51.3	12.39	56.7	14.15
	35.0	27.0	7.01	32.4	8.59	37.8	10.28	40.5	11.15	45.9	13.02	51.3	14.98	56.7	17.07
	40.0	27.0	8.37	32.4	10.26	37.8	12.26	40.5	13.30	45.9	15.48	51.3	17.79	53.6	17.92
	43.0	27.0	9.24	32.4	11.32	37.8	13.52	40.5	14.66	45.9	17.06	49.0	17.92	51.0	17.72
	46.0	26.7	10.06	32.1	12.32	37.4	14.71	37.7	14.28	38.3	13.47	39.3	12.80	40.4	12.26
	52.0	12.4	4.68	13.3	4.67	14.4	4.69	15.0	4.71	16.3	4.77	17.8	4.85	19.4	4.94

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80%	-10.0	24.0	3.56	28.8	4.27	33.6	4.98	36.0	5.34	40.8	6.05	45.6	6.77	50.4	7.48
	-5.0	24.0	3.56	28.8	4.28	33.6	4.99	36.0	5.34	40.8	6.06	45.6	6.77	50.4	7.48
	0.0	24.0	3.57	28.8	4.28	33.6	4.99	36.0	5.35	40.8	6.06	45.6	6.78	50.4	7.49
	5.0	24.0	3.57	28.8	4.29	33.6	5.00	36.0	5.36	40.8	6.07	45.6	6.78	50.4	7.50
	10.0	24.0	3.58	28.8	4.29	33.6	5.01	36.0	5.36	40.8	6.08	45.6	6.80	50.4	7.53
	15.0	24.0	3.59	28.8	4.31	33.6	5.03	36.0	5.40	40.8	6.14	45.6	6.88	50.4	7.64
	20.0	24.0	3.63	28.8	4.39	33.6	5.16	36.0	5.55	40.8	6.34	45.6	7.13	50.4	7.93
	25.0	24.0	3.99	28.8	4.87	33.6	5.78	36.0	6.27	40.8	7.31	45.6	8.42	50.4	9.60
	30.0	24.0	5.02	28.8	6.11	33.6	7.28	36.0	7.89	40.8	9.17	45.6	10.52	50.4	11.95
	35.0	24.0	6.14	28.8	7.47	33.6	8.88	36.0	9.60	40.8	11.15	45.6	12.77	50.4	14.47
	40.0	24.0	7.34	28.8	8.93	33.6	10.61	36.0	11.48	40.8	13.29	45.6	15.20	50.4	17.20
	43.0	24.0	8.10	28.8	9.86	33.6	11.71	36.0	12.67	40.8	14.66	45.6	16.76	49.0	17.92
	46.0	23.8	8.82	28.5	10.73	33.3	12.74	35.6	13.79	37.7	14.03	38.3	13.19	39.0	12.48
	52.0	11.9	4.61	12.6	4.52	13.4	4.48	13.9	4.46	14.9	4.46	16.1	4.48	17.4	4.51

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-10.0	21.0	3.12	25.2	3.74	29.4	4.36	31.5	4.67	35.7	5.30	39.9	5.92	44.1	6.54
	-5.0	21.0	3.12	25.2	3.74	29.4	4.37	31.5	4.68	35.7	5.30	39.9	5.93	44.1	6.55
	0.0	21.0	3.12	25.2	3.75	29.4	4.37	31.5	4.68	35.7	5.31	39.9	5.93	44.1	6.56
	5.0	21.0	3.13	25.2	3.75	29.4	4.38	31.5	4.69	35.7	5.31	39.9	5.94	44.1	6.56
	10.0	21.0	3.13	25.2	3.76	29.4	4.38	31.5	4.70	35.7	5.32	39.9	5.95	44.1	6.58
	15.0	21.0	3.14	25.2	3.77	29.4	4.40	31.5	4.71	35.7	5.35	39.9	5.99	44.1	6.64
	20.0	21.0	3.16	25.2	3.81	29.4	4.48	31.5	4.81	35.7	5.49	39.9	6.17	44.1	6.86
	25.0	21.0	3.41	25.2	4.17	29.4	4.94	31.5	5.31	35.7	6.13	39.9	7.01	44.1	7.94
	30.0	21.0	4.35	25.2	5.24	29.4	6.19	31.5	6.69	35.7	7.72	39.9	8.80	44.1	9.94
	35.0	21.0	5.31	25.2	6.41	29.4	7.57	31.5	8.15	35.7	9.42	39.9	10.72	44.1	12.09
	40.0	21.0	6.35	25.2	7.67	29.4	9.05	31.5	9.77	35.7	11.25	39.9	12.80	44.1	14.41
	43.0	21.0	7.01	25.2	8.47	29.4	10.00	31.5	10.79	35.7	12.42	39.9	14.12	44.1	15.89
	46.0	20.8	7.63	24.9	9.22	29.1	10.89	31.2	11.75	35.3	13.52	37.6	13.98	38.0	13.08
	52.0	11.6	4.58	12.0	4.44	12.6	4.33	13.0	4.28	13.7	4.22	14.6	4.17	15.6	4.15

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60%	-10.0	18.0	2.67	21.6	3.21	25.2	3.74	27.0	4.01	30.6	4.54	34.2	5.08	37.8	5.61
	-5.0	18.0	2.67	21.6	3.21	25.2	3.74	27.0	4.01	30.6	4.54	34.2	5.08	37.8	5.61
	0.0	18.0	2.68	21.6	3.21	25.2	3.75	27.0	4.01	30.6	4.55	34.2	5.08	37.8	5.62
	5.0	18.0	2.68	21.6	3.22	25.2	3.75	27.0	4.02	30.6	4.56	34.2	5.09	37.8	5.63
	10.0	18.0	2.69	21.6	3.22	25.2	3.76	27.0	4.03	30.6	4.56	34.2	5.10	37.8	5.63
	15.0	18.0	2.69	21.6	3.23	25.2	3.77	27.0	4.04	30.6	4.58	34.2	5.12	37.8	5.67
	20.0	18.0	2.71	21.6	3.25	25.2	3.81	27.0	4.09	30.6	4.66	34.2	5.23	37.8	5.81
	25.0	18.0	2.86	21.6	3.49	25.2	4.13	27.0	4.44	30.6	5.10	34.2	5.73	37.8	6.44
	30.0	18.0	3.72	21.6	4.43	25.2	5.18	27.0	5.58	30.6	6.38	34.2	7.23	37.8	8.11
	35.0	18.0	4.53	21.6	5.42	25.2	6.35	27.0	6.81	30.6	7.81	34.2	8.84	37.8	9.91
	40.0	18.0	5.41	21.6	6.48	25.2	7.60	27.0	8.17	30.6	9.35	34.2	10.57	37.8	11.84
	43.0	18.0	5.97	21.6	7.16	25.2	8.39	27.0	9.02	30.6	10.33	34.2	11.68	37.8	13.07
	46.0	17.8	6.49	21.4	7.79	24.9	9.14	26.7	9.83	30.3	11.25	33.9	12.72	37.4	14.24
	52.0	11.3	4.63	11.6	4.42	12.0	4.25	12.2	4.18	12.7	4.06	13.3	3.95	14.0	3.87

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-16ME2E8 (Cooling)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-10.0	15.0	2.23	18.0	2.67	21.0	3.12	22.5	3.34	25.5	3.79	28.5	4.23	31.5	4.68
	-5.0	15.0	2.23	18.0	2.67	21.0	3.12	22.5	3.34	25.5	3.79	28.5	4.23	31.5	4.68
	0.0	15.0	2.23	18.0	2.68	21.0	3.12	22.5	3.35	25.5	3.79	28.5	4.24	31.5	4.68
	5.0	15.0	2.23	18.0	2.68	21.0	3.13	22.5	3.35	25.5	3.80	28.5	4.24	31.5	4.69
	10.0	15.0	2.24	18.0	2.69	21.0	3.13	22.5	3.36	25.5	3.80	28.5	4.25	31.5	4.70
	15.0	15.0	2.25	18.0	2.69	21.0	3.14	22.5	3.37	25.5	3.82	28.5	4.26	31.5	4.71
	20.0	15.0	2.26	18.0	2.71	21.0	3.16	22.5	3.39	25.5	3.85	28.5	4.32	31.5	4.79
	25.0	15.0	2.34	18.0	2.84	21.0	3.36	22.5	3.60	25.5	4.14	28.5	4.66	31.5	5.18
	30.0	15.0	3.12	18.0	3.67	21.0	4.25	22.5	4.55	25.5	5.17	28.5	5.80	31.5	6.46
	35.0	15.0	3.79	18.0	4.49	21.0	5.21	22.5	5.56	25.5	6.33	28.5	7.11	31.5	7.92
	40.0	15.0	4.51	18.0	5.36	21.0	6.23	22.5	6.67	25.5	7.58	28.5	8.52	31.5	9.48
	43.0	15.0	4.97	18.0	5.91	21.0	6.88	22.5	7.37	25.5	8.38	28.5	9.42	31.5	10.48
	46.0	14.9	5.40	17.8	6.43	20.8	7.49	22.3	8.03	25.2	9.13	28.2	10.26	31.2	11.42
	52.0	11.1	4.79	11.3	4.52	11.5	4.28	11.6	4.18	12.0	4.00	12.3	3.84	12.8	3.70

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40%	-10.0	12.0	1.78	14.4	2.14	16.8	2.49	18.0	2.67	20.4	3.03	22.8	3.39	25.2	3.74
	-5.0	12.0	1.78	14.4	2.14	16.8	2.50	18.0	2.67	20.4	3.03	22.8	3.39	25.2	3.75
	0.0	12.0	1.79	14.4	2.14	16.8	2.50	18.0	2.68	20.4	3.03	22.8	3.39	25.2	3.75
	5.0	12.0	1.79	14.4	2.15	16.8	2.50	18.0	2.68	20.4	3.04	22.8	3.40	25.2	3.75
	10.0	12.0	1.79	14.4	2.15	16.8	2.51	18.0	2.69	20.4	3.04	22.8	3.40	25.2	3.76
	15.0	12.0	1.80	14.4	2.16	16.8	2.52	18.0	2.69	20.4	3.05	22.8	3.41	25.2	3.77
	20.0	12.0	1.81	14.4	2.17	16.8	2.53	18.0	2.71	20.4	3.07	22.8	3.43	25.2	3.80
	25.0	12.0	1.84	14.4	2.22	16.8	2.62	18.0	2.81	20.4	3.21	22.8	3.62	25.2	4.02
	30.0	12.0	2.56	14.4	2.97	16.8	3.40	18.0	3.61	20.4	4.06	22.8	4.51	25.2	4.98
	35.0	12.0	3.09	14.4	3.61	16.8	4.15	18.0	4.40	20.4	4.97	22.8	5.54	25.2	6.12
	40.0	12.0	3.66	14.4	4.30	16.8	4.95	18.0	5.28	20.4	5.95	22.8	6.64	25.2	7.34
	43.0	12.0	4.02	14.4	4.73	16.8	5.46	18.0	5.83	20.4	6.57	22.8	7.34	25.2	8.11
	46.0	11.9	4.36	14.3	5.14	16.6	5.94	17.8	6.34	20.2	7.16	22.6	7.99	24.9	8.84
	52.0	9.7	4.35	11.1	4.78	11.2	4.48	11.2	4.35	11.4	4.10	11.6	3.88	11.9	3.69

Combination :Indoor/outdoor capacity ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
		14.0		16.0		18.0		19.0		21.0		23.0		25.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30%	-10.0	9.0	1.34	10.8	1.61	12.6	1.87	13.5	2.01	15.3	2.27	17.1	2.54	18.9	2.81
	-5.0	9.0	1.34	10.8	1.61	12.6	1.87	13.5	2.01	15.3	2.28	17.1	2.54	18.9	2.81
	0.0	9.0	1.34	10.8	1.61	12.6	1.88	13.5	2.01	15.3	2.28	17.1	2.55	18.9	2.81
	5.0	9.0	1.34	10.8	1.61	12.6	1.88	13.5	2.01	15.3	2.28	17.1	2.55	18.9	2.82
	10.0	9.0	1.35	10.8	1.61	12.6	1.88	13.5	2.02	15.3	2.28	17.1	2.55	18.9	2.82
	15.0	9.0	1.35	10.8	1.62	12.6	1.89	13.5	2.02	15.3	2.29	17.1	2.56	18.9	2.83
	20.0	9.0	1.36	10.8	1.63	12.6	1.90	13.5	2.03	15.3	2.30	17.1	2.57	18.9	2.84
	25.0	9.0	1.38	10.8	1.65	12.6	1.93	13.5	2.06	15.3	2.35	17.1	2.64	18.9	2.93
	30.0	9.0	2.04	10.8	2.32	12.6	2.61	13.5	2.76	15.3	3.06	17.1	3.36	18.9	3.67
	35.0	9.0	2.43	10.8	2.79	12.6	3.16	13.5	3.34	15.3	3.73	17.1	4.11	18.9	4.50
	40.0	9.0	2.85	10.8	3.30	12.6	3.76	13.5	3.98	15.3	4.45	17.1	4.92	18.9	5.39
	43.0	9.0	3.12	10.8	3.62	12.6	4.13	13.5	4.39	15.3	4.90	17.1	5.43	18.9	5.95
	46.0	8.9	3.37	10.7	3.93	12.5	4.49	13.4	4.77	15.1	5.34	16.9	5.91	18.7	6.49
	52.0	7.3	3.37	8.7	3.92	10.2	4.48	10.9	4.76	11.1	4.51	11.2	4.22	11.3	3.95

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-16ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-24.9	-25.0	23.9	10.04	23.2	9.91	21.9	9.60	21.3	9.44	19.3	8.90	17.9	8.49	14.2	7.26
	-19.8	-20.0	27.9	10.42	27.1	10.26	25.7	9.91	24.9	9.73	22.6	9.12	21.0	8.67	16.8	7.36
	-14.7	-15.0	32.3	10.95	31.5	10.77	29.8	10.37	28.9	10.16	26.3	9.49	24.5	8.99	19.6	7.59
	-9.6	-10.0	37.6	11.68	36.6	11.52	34.7	11.07	33.7	10.84	30.7	10.08	28.6	9.53	23.0	7.98
	-4.4	-5.0	43.7	12.60	42.6	12.39	40.4	11.93	39.3	11.68	35.8	10.86	33.3	10.25	26.9	8.50
	-1.8	-2.5	47.1	12.88	45.9	12.66	43.5	12.17	42.3	11.91	38.5	11.06	35.9	10.44	28.3	8.45
	0.8	0.0	50.6	13.11	49.4	12.88	46.7	12.31	45.0	11.89	40.0	10.62	36.7	9.79	28.3	7.72
	2.8	2.0	51.7	12.45	50.0	12.06	46.7	11.30	45.0	10.92	40.0	9.76	36.7	9.06	28.3	7.24
	6.0	5.0	51.7	10.87	50.0	10.59	46.7	10.01	45.0	9.71	40.0	8.80	36.7	8.13	28.3	6.45
	7.0	6.0	51.7	10.67	50.0	10.34	46.7	9.69	45.0	9.37	40.0	8.40	36.7	7.77	28.3	6.19
	8.6	7.5	51.7	9.84	50.0	9.55	46.7	8.97	45.0	8.68	40.0	7.81	36.7	7.24	28.3	5.80
	11.2	10.0	51.7	8.55	50.0	8.32	46.7	7.84	45.0	7.61	40.0	6.90	36.7	6.42	28.3	5.20
	16.4	15.0	51.7	6.88	50.0	6.68	46.7	6.29	45.0	6.09	40.0	5.49	36.7	5.09	28.3	4.10
	24.0	18.0	51.7	6.88	50.0	6.68	46.7	6.29	45.0	6.09	40.0	5.49	36.7	5.09	28.3	4.10

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80%	-24.9	-25.0	23.6	9.64	22.9	9.51	21.6	9.22	21.0	9.07	18.9	8.55	17.5	8.15	13.9	6.98
	-19.8	-20.0	27.6	10.03	26.9	9.87	25.4	9.54	24.6	9.36	22.2	8.77	20.6	8.34	16.4	7.09
	-14.7	-15.0	32.1	10.59	31.3	10.41	29.5	10.02	28.7	9.82	26.0	9.16	24.1	8.68	19.3	7.32
	-9.6	-10.0	37.4	11.44	36.4	11.23	34.5	10.76	33.5	10.49	30.4	9.77	28.3	9.23	22.7	7.72
	-4.4	-5.0	43.6	12.05	42.5	11.85	40.2	11.43	39.0	11.19	35.4	10.43	32.6	9.71	25.2	7.76
	-1.8	-2.5	45.9	11.85	44.4	11.52	41.5	10.87	40.0	10.54	35.6	9.54	32.6	8.86	25.2	7.16
	0.8	0.0	45.9	10.64	44.4	10.34	41.5	9.82	40.0	9.56	35.6	8.73	32.6	8.15	25.2	6.62
	2.8	2.0	45.9	9.84	44.4	9.61	41.5	9.14	40.0	8.90	35.6	8.14	32.6	7.61	25.2	6.20
	6.0	5.0	45.9	8.77	44.4	8.57	41.5	8.17	40.0	7.96	35.6	7.30	32.6	6.81	25.2	5.53
	7.0	6.0	45.9	8.55	44.4	8.33	41.5	7.88	40.0	7.65	35.6	6.97	32.6	6.50	25.2	5.30
	8.6	7.5	45.9	7.87	44.4	7.67	41.5	7.28	40.0	7.08	35.6	6.47	32.6	6.06	25.2	4.97
	11.2	10.0	45.9	6.80	44.4	6.65	41.5	6.34	40.0	6.19	35.6	5.70	32.6	5.36	25.2	4.46
	16.4	15.0	45.9	6.20	44.4	6.02	41.5	5.67	40.0	5.49	35.6	4.96	32.6	4.60	25.2	3.72
	24.0	18.0	45.9	6.20	44.4	6.02	41.5	5.67	40.0	5.49	35.6	4.96	32.6	4.60	25.2	3.72

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-24.9	-25.0	23.5	9.37	22.9	9.24	21.5	8.96	20.8	8.81	18.8	8.30	17.4	7.92	13.8	6.79
	-19.8	-20.0	27.6	9.77	26.8	9.62	25.3	9.29	24.5	9.11	22.1	8.54	20.5	8.12	16.2	6.90
	-14.7	-15.0	32.2	10.36	31.3	10.18	29.5	9.80	28.6	9.60	25.9	8.95	24.0	8.48	19.1	7.15
	-9.6	-10.0	37.6	11.16	36.6	10.98	34.5	10.58	33.5	10.36	30.3	9.56	28.2	9.04	22.0	7.39
	-4.4	-5.0	40.2	10.20	38.9	9.97	36.3	9.50	35.0	9.26	31.1	8.52	28.5	8.00	22.0	6.57
	-1.8	-2.5	40.2	9.33	38.9	9.14	36.3	8.74	35.0	8.53	31.1	7.86	28.5	7.38	22.0	6.08
	0.8	0.0	40.2	8.50	38.9	8.33	36.3	7.98	35.0	7.80	31.1	7.20	28.5	6.78	22.0	5.61
	2.8	2.0	40.2	7.86	38.9	7.71	36.3	7.40	35.0	7.23	31.1	6.70	28.5	6.31	22.0	5.25
	6.0	5.0	40.2	6.96	38.9	6.84	36.3	6.57	35.0	6.43	31.1	5.97	28.5	5.63	22.0	4.68
	7.0	6.0	40.2	6.72	38.9	6.58	36.3	6.30	35.0	6.16	31.1	5.70	28.5	5.37	22.0	4.49
	8.6	7.5	40.2	6.16	38.9	6.05	36.3	5.81	35.0	5.69	31.1	5.29	28.5	5.00	22.0	4.21
	11.2	10.0	40.2	5.51	38.9	5.36	36.3	5.05	35.0	4.95	31.1	4.65	28.5	4.42	22.0	3.78
	16.4	15.0	40.2	5.51	38.9	5.36	36.3	5.05	35.0	4.89	31.1	4.43	28.5	4.12	22.0	3.34
	24.0	18.0	40.2	5.51	38.9	5.36	36.3	5.05	35.0	4.89	31.1	4.43	28.5	4.12	22.0	3.34

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60%	-24.9	-25.0	23.9	9.33	23.2	9.20	21.8	8.92	21.1	8.76	19.0	8.26	17.6	7.87	13.9	6.75
	-19.8	-20.0	28.1	9.77	27.3	9.61	25.7	9.27	24.9	9.09	22.4	8.51	20.7	8.09	16.4	6.87
	-14.7	-15.0	32.8	10.40	31.9	10.21	30.1	9.82	29.1	9.61	26.3	8.95	24.3	8.48	18.9	6.97
	-9.6	-10.0	34.4	9.55	33.3	9.37	31.1	8.99	30.0	8.79	26.7	8.13	24.4	7.65	18.9	6.23
	-4.4	-5.0	34.4	8.12	33.3	7.98	31.1	7.67	30.0	7.51	26.7	6.98	24.4	6.59	18.9	5.51
	-1.8	-2.5	34.4	7.41	33.3	7.28	31.1	7.02	30.0	6.88	26.7	6.41	24.4	6.07	18.9	5.10
	0.8	0.0	34.4	6.72	33.3	6.61	31.1	6.39	30.0	6.26	26.7	5.86	24.4	5.56	18.9	4.70
	2.8	2.0	34.4	6.19	33.3	6.10	31.1	5.90	30.0	5.79	26.7	5.44	24.4	5.17	18.9	4.39
	6.0	5.0	34.4	5.42	33.3	5.36	31.1	5.20	30.0	5.11	26.7	4.81	24.4	4.57	18.9	3.88
	7.0	6.0	34.4	5.17	33.3	5.10	31.1	4.94	30.0	4.86	26.7	4.58	24.4	4.37	18.9	3.75
	8.6	7.5	34.4	4.83	33.3	4.69	31.1	4.55	30.0	4.48	26.7	4.24	24.4	4.06	18.9	3.52
	11.2	10.0	34.4	4.83	33.3	4.69	31.1	4.43	30.0	4.29	26.7	3.90	24.4	3.63	18.9	3.16
	16.4	15.0	34.4	4.83	33.3	4.69	31.1	4.43	30.0	4.29	26.7	3.90	24.4	3.63	18.9	2.97
	24.0	18.0	34.4	4.83	33.3	4.69	31.1	4.43	30.0	4.29	26.7	3.90	24.4	3.63	18.9	2.97

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

1. Capacity of Outdoor Unit

U-16ME2E8 (Heating)

Capacity Ratio 30-130%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-24.9	-25.0	25.2	9.70	24.4	9.56	23.0	9.26	22.2	9.09	19.9	8.56	18.4	8.16	14.5	6.98
	-19.8	-20.0	28.7	9.82	27.8	9.61	25.9	9.19	25.0	8.97	22.2	8.28	20.4	7.80	15.7	6.50
	-14.7	-15.0	28.7	8.76	27.8	8.59	25.9	8.22	25.0	7.99	22.2	7.36	20.4	6.92	15.7	5.74
	-9.6	-10.0	28.7	7.54	27.8	7.42	25.9	7.16	25.0	7.02	22.2	6.56	20.4	6.22	15.7	5.23
	-4.4	-5.0	28.7	6.35	27.8	6.26	25.9	6.07	25.0	5.97	22.2	5.61	20.4	5.34	15.7	4.55
	-1.8	-2.5	28.7	5.77	27.8	5.70	25.9	5.54	25.0	5.45	22.2	5.14	20.4	4.90	15.7	4.20
	0.8	0.0	28.7	5.20	27.8	5.15	25.9	5.02	25.0	4.94	22.2	4.69	20.4	4.48	15.7	3.87
	2.8	2.0	28.7	4.77	27.8	4.73	25.9	4.62	25.0	4.56	22.2	4.34	20.4	4.16	15.7	3.61
	6.0	5.0	28.7	4.14	27.8	4.08	25.9	4.00	25.0	3.95	22.2	3.78	20.4	3.65	15.7	3.18
	7.0	6.0	28.7	4.14	27.8	4.03	25.9	3.81	25.0	3.75	22.2	3.60	20.4	3.48	15.7	3.08
	8.6	7.5	28.7	4.14	27.8	4.03	25.9	3.81	25.0	3.70	22.2	3.37	20.4	3.24	15.7	2.90
	11.2	10.0	28.7	4.14	27.8	4.03	25.9	3.81	25.0	3.70	22.2	3.37	20.4	3.14	15.7	2.61
	16.4	15.0	28.7	4.14	27.8	4.03	25.9	3.81	25.0	3.70	22.2	3.37	20.4	3.14	15.7	2.59
	24.0	18.0	28.7	4.14	27.8	4.03	25.9	3.81	25.0	3.70	22.2	3.37	20.4	3.14	15.7	2.59

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40%	-24.9	-25.0	23.0	8.54	22.2	8.39	20.7	8.08	20.0	7.92	17.8	7.40	16.3	7.02	12.6	5.96
	-19.8	-20.0	23.0	7.58	22.2	7.44	20.7	7.14	20.0	6.98	17.8	6.49	16.3	6.14	12.6	5.18
	-14.7	-15.0	23.0	6.74	22.2	6.65	20.7	6.43	20.0	6.31	17.8	5.87	16.3	5.52	12.6	4.63
	-9.6	-10.0	23.0	5.77	22.2	5.70	20.7	5.54	20.0	5.45	17.8	5.15	16.3	4.91	12.6	4.21
	-4.4	-5.0	23.0	4.83	22.2	4.78	20.7	4.67	20.0	4.61	17.8	4.39	16.3	4.21	12.6	3.66
	-1.8	-2.5	23.0	4.37	22.2	4.34	20.7	4.25	20.0	4.20	17.8	4.02	16.3	3.86	12.6	3.38
	0.8	0.0	23.0	3.93	22.2	3.91	20.7	3.85	20.0	3.81	17.8	3.65	16.3	3.52	12.6	3.11
	2.8	2.0	23.0	3.55	22.2	3.54	20.7	3.49	20.0	3.46	17.8	3.34	16.3	3.24	12.6	2.89
	6.0	5.0	23.0	3.45	22.2	3.37	20.7	3.19	20.0	3.10	17.8	2.91	16.3	2.84	12.6	2.57
	7.0	6.0	23.0	3.45	22.2	3.37	20.7	3.19	20.0	3.10	17.8	2.83	16.3	2.71	12.6	2.48
	8.6	7.5	23.0	3.45	22.2	3.37	20.7	3.19	20.0	3.10	17.8	2.83	16.3	2.66	12.6	2.34
	11.2	10.0	23.0	3.45	22.2	3.37	20.7	3.19	20.0	3.10	17.8	2.83	16.3	2.66	12.6	2.22
	16.4	15.0	23.0	3.45	22.2	3.37	20.7	3.19	20.0	3.10	17.8	2.83	16.3	2.66	12.6	2.22
	24.0	18.0	23.0	3.45	22.2	3.37	20.7	3.19	20.0	3.10	17.8	2.83	16.3	2.66	12.6	2.22

Combination :Indoor/outdoor capacity ratio	Outdoor air temp.		Indoor air temp. : °CDB													
			16.0		17.0		19.0		20.0		23.0		25.0		30.0	
	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30%	-24.9	-25.0	17.2	6.30	16.7	6.20	15.6	5.99	15.0	5.88	13.3	5.52	12.2	5.26	9.4	4.53
	-19.8	-20.0	17.2	5.68	16.7	5.56	15.6	5.34	15.0	5.24	13.3	4.89	12.2	4.65	9.4	3.97
	-14.7	-15.0	17.2	4.94	16.7	4.88	15.6	4.76	15.0	4.69	13.3	4.44	12.2	4.23	9.4	3.58
	-9.6	-10.0	17.2	4.21	16.7	4.18	15.6	4.09	15.0	4.04	13.3	3.86	12.2	3.71	9.4	3.25
	-4.4	-5.0	17.2	3.52	16.7	3.50	15.6	3.45	15.0	3.41	13.3	3.28	12.2	3.18	9.4	2.82
	-1.8	-2.5	17.2	3.14	16.7	3.13	15.6	3.10	15.0	3.08	13.3	2.99	12.2	2.90	9.4	2.60
	0.8	0.0	17.2	2.78	16.7	2.78	15.6	2.77	15.0	2.76	13.3	2.70	12.2	2.63	9.4	2.40
	2.8	2.0	17.2	2.77	16.7	2.70	15.6	2.57	15.0	2.51	13.3	2.48	12.2	2.43	9.4	2.24
	6.0	5.0	17.2	2.77	16.7	2.70	15.6	2.57	15.0	2.50	13.3	2.30	12.2	2.17	9.4	2.01
	7.0	6.0	17.2	2.77	16.7	2.70	15.6	2.57	15.0	2.50	13.3	2.30	12.2	2.17	9.4	1.94
	8.6	7.5	17.2	2.77	16.7	2.70	15.6	2.57	15.0	2.50	13.3	2.30	12.2	2.17	9.4	1.84
	11.2	10.0	17.2	2.77	16.7	2.70	15.6	2.57	15.0	2.50	13.3	2.30	12.2	2.17	9.4	1.84
	16.4	15.0	17.2	2.77	16.7	2.70	15.6	2.57	15.0	2.50	13.3	2.30	12.2	2.17	9.4	1.84
	24.0	18.0	17.2	2.77	16.7	2.70	15.6	2.57	15.0	2.50	13.3	2.30	12.2	2.17	9.4	1.84

* Use the above table when choosing the model of outdoor unit.
See "1-7. Calculation of Actual Capacity of Indoor Unit" under the section 2.

2. Cooling Capacity of Indoor Unit

2-1. 4-Way Cassette (Type U2)

● S-22MU2E5B, S-22MU2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.2 kW		AIR FLOW RATE : 14.5 m³/min																															
EVAPORATOR		CONDENSER																																	
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																																	
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52															
14		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6															
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6															
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6															
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6															
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6															
15		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7															
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7															
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7															
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7															
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7															
16		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7															
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.7															
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7															
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7															
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7															
17		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7															
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.8	0.6															
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7															
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7															
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7															
18		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8															
	21	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.5	0.4															
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.0	0.8															
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.1	0.8															
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8															
19		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.1	0.8															
	21	SHC	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.2	0.1															
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.7	0.6															
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.1	0.8															
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.1	0.8															
20		TC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.1	0.8															
	23	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.4	0.3															
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	1.0	0.8															
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.1	0.8															
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.1	0.8															
21		TC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	1.9	1.2	0.9														
	23	SHC	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.2	0.1															
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.7	0.6															
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.2	0.9															
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.9	1.2	0.9														
22		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.4	2.0	1.2	0.9														
	25	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.4	0.3															
	27	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.2	0.9	0.8															
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.2	0.9															
	31	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.0	1.2	0.9															
23		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.6	2.5	2.0	1.3	1.0															
	25	SHC	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.1	0.1															
	27	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.6	0.6															
	29	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.2	1.0															
	31	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.9	1.3	1.0															

2. Cooling Capacity of Indoor Unit

● S-28MU2E5B, S-28MU2E5A

Power supply : 220-230-240V 1phase-50Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.8 kW		AIR FLOW RATE : 14.5 m ³ /min																															
EVAPORATOR		CONDENSER																																	
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																																	
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52															
14		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8															
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8															
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8															
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8															
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8															
15		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8															
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8															
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8															
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8															
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8															
16		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9															
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.3	0.9															
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9															
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9															
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9															
17		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9															
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.1	0.9															
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.3	0.9															
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9															
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9															
18		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0															
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.9	0.8															
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.4	1.0															
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.4	1.0															
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0															
19		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.4	1.0															
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.6	0.5															
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.1	1.0															
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.4	1.0															
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.4	1.4	1.0															
20		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.4	1.1															
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	0.8	0.7															
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.4	1.1															
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	1.4	1.1															
	29	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.4	1.1															
21		TC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	2.4	1.5	1.1															
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	0.9	0.6	0.4															
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.4	1.1	1.0															
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.9	1.5	1.1															
	29	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.4	1.5	1.1															
22		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.1	2.5	1.5	1.2															
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.1	0.8	0.7															
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.6	1.3	1.2															
	29	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.2	1.5	1.2															
	31	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.5	1.5	1.2															
23		TC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.2	2.5	1.6	1.2															
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.8	0.5	0.4															
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.3	1.1	0.9															
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	1.8	1.6	1.2															
	31	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.4	1.6	1.2															

2. Cooling Capacity of Indoor Unit

● S-36MU2E5B, S-36MU2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		3.6 kW		AIR FLOW RATE : 14.5 m ³ /min																															
EVAPORATOR		CONDENSER																																	
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																																	
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52															
14		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0															
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0															
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0															
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0															
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0															
15		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1															
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.6	1.1															
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1															
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1															
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1															
16		TC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1															
	21	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.6	1.1															
	23	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.6	1.1															
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1															
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1															
17		TC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2															
	21	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.2															
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	1.7	1.2															
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2															
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2															
18		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2															
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.2	1.0															
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	1.7	1.2															
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.7	1.7	1.2															
	27	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2															
19		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	1.8	1.3															
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	0.9	0.8															
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.5	1.3															
	25	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.4	1.8	1.3															
	27	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.0	1.8	1.3															
20		TC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.1	1.9	1.4															
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.2	1.0															
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.7	1.4															
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.7	1.9	1.4															
	29	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.1	1.9	1.4															
21		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.1	1.9	1.4															
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.3	0.9	0.7															
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	1.8	1.4	1.3															
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.4	1.9	1.4															
	29	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.9	1.9	1.4															
22		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	4.0	3.2	2.0	1.5															
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.6	1.2	1.0															
	27	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.1	1.7	1.5															
	29	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.6	2.0	1.5															
	31	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.1	2.0	1.5															
23		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.3	4.2	4.1	3.2	2.1	1.6															
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.3	0.9	0.8															
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	1.8	1.4	1.3															
	29	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.3	1.9	1.6															
	31	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.1	3.1	3.1	2.8	2.1	1.6															

2. Cooling Capacity of Indoor Unit

● S-45MU2E5B, S-45MU2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		4.5 kW		AIR FLOW RATE : 15.5 m³/min																															
EVAPORATOR		CONDENSER																																	
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																																	
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52															
14		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3															
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3															
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3															
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3															
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3															
15		TC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4															
	21	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.0	1.4															
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4															
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4															
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4															
16		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4															
	21	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.0	1.4															
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.1	1.4															
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4															
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4															
17		TC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.1	1.5															
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.7	1.5															
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.1	1.5															
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.5															
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.1	1.5															
18		TC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.2	1.5															
	21	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.2															
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.0	1.5															
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.2	1.5															
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.2	1.5															
19		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	2.2	1.5															
	21	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	0.9															
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.6	1.4															
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.2	1.6															
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.2	1.6															
20		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.3	1.7															
	23	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.2															
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.9	1.7															
	27	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.3	1.7															
	29	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.3	1.7															
21		TC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	2.4	1.8															
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.6	0.9															
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.4															
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.2	1.8															
	29	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.8															
22		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	2.5	1.9															
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.8	1.2															
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.9	1.7															
	29	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.5	1.9															
	31	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.5	1.9															
23		TC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	2.6	2.0															
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.5	0.9															
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.4															
	29	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.2	2.0															
	31	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	2.6	2.0															

2. Cooling Capacity of Indoor Unit

● S-56MU2E5B, S-56MU2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		5.6 kW		AIR FLOW RATE : 16.5 m³/min																															
EVAPORATOR		CONDENSER																																	
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																																	
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52															
14		TC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6															
	21	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.4	1.6															
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6															
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6															
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6															
15		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7															
	21	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.5	1.7															
	23	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.5	1.7															
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7															
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7															
16		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8															
	21	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.3	1.8															
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.6	1.8															
	25	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	2.6	1.8															
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8															
17		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7	2.6	1.8															
	21	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	1.9	1.6															
	23	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	2.5	1.8															
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	2.6	1.8															
	27	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	2.6	1.8															
18		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.7	2.7	1.9															
	21	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.4	1.6	1.3															
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.0	2.2	1.9															
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.6	2.7	1.9															
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.2	2.7	1.9															
19		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	4.8	2.8	2.0															
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.3	1.0															
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7	1.9	1.6															
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.3	2.5	2.0															
	27	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.9	2.8	2.0															
20		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	4.8	2.9	2.1															
	23	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.3	1.6	1.3															
	25	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	2.9	2.2	1.9															
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.5	2.8	2.1															
	29	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.1	2.9	2.1															
21		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	4.9	3.0	2.2															
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.0	1.3	1.0															
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.6	1.9	1.6															
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.1	2.5	2.2															
	29	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	3.8	3.0	2.2															
22		TC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.4	6.2	5.0	3.1	2.3															
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.7	2.7	2.2	1.6	1.3															
	27	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.3	2.8	2.2	1.9															
	29	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.9	3.4	2.8	2.3															
	31	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.4	4.4	4.0	3.1	2.3															
23		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.7	6.5	6.3	5.1	3.2	2.4															
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	2.4	2.3	1.9	1.3	1.0															
	27	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	3.0	2.9	2.5	1.8	1.6															
	29	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.6	3.5	3.1	2.4	2.2															
	31	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.2	4.2	4.1	3.7	3.0	2.4															

2. Cooling Capacity of Indoor Unit

● S-60MU2E5B, S-60MU2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		6.0 kW		AIR FLOW RATE : 21.0 m ³ /min																															
EVAPORATOR		CONDENSER																																	
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																																	
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52															
14		TC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.6	1.7															
	21	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.6	1.7															
	23	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.6	1.7															
	25	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.6	1.7															
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.6	1.7															
15		TC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	2.7	1.8															
	21	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.7	1.8															
	23	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	2.7	1.8															
	25	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	2.7	1.8															
	27	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	2.7	1.8															
16		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.7	1.9															
	21	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.7	1.9															
	23	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	2.7	1.9															
	25	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.7	1.9															
	27	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.7	1.9															
17		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.0	2.8	2.0															
	21	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.3	2.0															
	23	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	2.8	2.0															
	25	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	2.8	2.0															
	27	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.0	2.8	2.0															
18		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.0	2.9	2.1															
	21	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.7	1.9	1.6															
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.4	2.6	2.1															
	25	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.2	2.9	2.1															
	27	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.0	2.9	2.1															
19		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.1	3.0	2.2															
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.3	1.5	1.2															
	23	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	2.2	2.0															
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.8	3.0	2.2															
	27	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.5	3.0	2.2															
20		TC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.3	5.2	3.1	2.3															
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.6	1.8	1.6															
	25	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.3	2.6	2.3															
	27	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.1	3.1	2.3															
	29	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	4.9	3.1	2.3															
21		TC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7	6.5	5.2	3.2	2.4															
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.1	1.4	1.2															
	25	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	2.9	2.2	1.9															
	27	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.6	2.9	2.4															
	29	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.4	3.2	2.4															
22		TC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	6.8	6.6	5.3	3.3	2.5															
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.9	2.5	1.8	1.5															
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.7	3.7	3.2	2.6	2.3															
	29	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.4	4.0	3.3	2.5															
	31	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.2	4.7	3.3	2.5															
23		TC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.2	7.0	6.8	5.4	3.4	2.6															
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.6	2.5	2.0	1.4	1.2															
	27	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.2	2.8	2.1	1.9															
	29	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	4.0	3.5	2.9	2.6															
	31	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.3	3.4	2.6															

2. Cooling Capacity of Indoor Unit

● S-73MU2E5B, S-73MU2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		7.3 kW		AIR FLOW RATE : 22.5 m ³ /min																															
EVAPORATOR		CONDENSER																																	
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																																	
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52															
14		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1															
	21	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	3.2	2.1															
	23	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1															
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1															
	27	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1															
15		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2															
	21	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	3.3	2.2															
	23	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	3.3	2.2															
	25	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2															
	27	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2															
16		TC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.3	2.3															
	21	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.0	2.3															
	23	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	3.3	2.3															
	25	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	3.3	2.3															
	27	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.3	2.3															
17		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	3.4	2.4															
	21	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	2.6	2.2															
	23	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	3.4	2.4															
	25	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.4	2.4															
	27	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	3.4	2.4															
18		TC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.1	3.5	2.5															
	21	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	2.2	1.8															
	23	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.0	3.0	2.5															
	25	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.8	3.5	2.5															
	27	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.6	3.5	2.5															
19		TC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.2	3.6	2.6														
	21	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.7	1.7	1.4															
	23	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.5	2.5	2.2															
	25	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.3	3.3	2.6															
	27	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.2	3.6	2.6															
20		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	6.3	3.8	2.8														
	23	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	2.1	1.8															
	25	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	3.9	2.9	2.6															
	27	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	4.7	3.8	2.8														
	29	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.5	3.8	2.8															
21		TC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.2	7.9	6.4	3.9	2.9														
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.1	2.6	1.7	1.4														
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.9	3.4	2.5	2.2														
	27	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.2	3.3	2.9														
	29	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.0	3.9	2.9														
22		TC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.6	8.3	8.1	6.5	4.0	3.0														
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.5	2.9	2.1	1.8															
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.3	3.7	2.9	2.6															
	29	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.2	5.1	4.6	3.7	3.0															
	31	SHC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.1	6.0	5.9	5.4	4.0	3.0															
23		TC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1	8.8	8.5	8.3	6.6	4.2	3.2															
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.1	3.0	2.5	1.7	1.4															
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.8	3.3	2.5	2.2															
	29	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.8	4.7	4.7	4.1	3.3	3.0															
	31	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.5	4.9	4.1	3.2															

2. Cooling Capacity of Indoor Unit

● S-90MU2E5B, S-90MU2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		9.0 kW AIR FLOW RATE : 23.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	3.9	2.6	
	21	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	3.9	2.6	
	23	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	3.9	2.6	
	25	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	3.9	2.6	
	27	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	3.9	2.6	
15		TC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5	4.0	2.7	
	21	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	3.8	2.7	
	23	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.8	4.0	2.7	
	25	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5	4.0	2.7	
	27	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5	4.0	2.7	
16		TC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	4.1	2.8	
	21	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	3.4	2.8	
	23	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	4.1	2.8	
	25	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	4.1	2.8	
	27	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	4.1	2.8
17		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.5	4.2	3.0
	21	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.3	2.9	2.5
	23	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	3.8	3.0
	25	SHC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.0	4.2	3.0
	27	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.9	4.2	3.0
18		TC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	7.6	4.4	3.1
	21	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.8	2.5	2.0
	23	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.7	3.3	2.8
	25	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.5	4.2	3.1
	27	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.4	4.4	3.1
19		TC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	7.7	4.5	3.2
	21	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.3	2.1	1.6
	23	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.2	2.9	2.4
	25	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.0	3.7	3.2
	27	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.8	4.5	3.2
20		TC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.5	7.7	4.6	3.4
	23	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	3.6	2.4	2.0
	25	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.4	3.3	2.8
	27	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.3	4.1	3.4
	29	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.2	4.6	3.4
21		TC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.1	9.7	7.9	4.8	3.6	
	23	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.8	3.1	2.0	1.6	
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.7	4.0	2.8	2.4
	27	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.5	4.8	3.7	3.3
	29	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5	6.3	5.7	4.5	3.6
22		TC	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.6	10.3	9.9	8.0	5.0	3.8	
	25	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.3	4.2	3.5	2.4	2.0	
	27	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.2	5.0	4.3	3.2	2.9	
	29	SHC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.1	6.0	5.9	5.1	4.1	3.7	
	31	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.9	6.7	6.0	4.9	3.8	
23		TC	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.2	10.8	10.5	10.2	8.1	5.1	3.9	
	25	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.9	3.8	3.7	3.0	2.0	1.6	
	27	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.8	4.6	4.5	3.8	2.8	2.4	
	29	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.6	5.5	5.4	4.6	3.6	3.2	
	31	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.5	6.4	6.2	5.5	4.4	3.4	

2. Cooling Capacity of Indoor Unit

● S-106MU2E5B, S-106MU2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		10.6 kW AIR FLOW RATE : 34.0 m³/min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1
	21	SHC	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	4.6	3.1
	23	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1
	25	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1
	27	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1
15		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	4.7	3.2
	21	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	4.7	3.2
	23	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	4.7	3.2
	25	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	4.7	3.2
	27	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	4.7	3.2
16		TC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	4.9	3.3
	21	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.5	3.3
	23	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	4.9	3.3
	25	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	4.9	3.3
	27	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	4.9	3.3
17		TC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.8	5.0	3.5
	21	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.4	3.8	3.3
	23	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.6	5.0	3.5
	25	SHC	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.9	5.0	3.5
	27	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.8	5.0	3.5
18		TC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	8.9	5.1	3.6
	21	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.6	3.2	2.6
	23	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	5.9	4.4	3.6
	25	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.1	5.1	3.6
	27	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.4	5.1	3.6
19		TC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	9.0	5.3	3.8
	21	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.9	2.5	2.0
	23	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.2	3.8	3.3
	25	SHC	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.4	5.0	3.8
	27	SHC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	7.7	5.3	3.8
20		TC	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.2	9.1	5.5	4.0
	23	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	4.4	3.1	2.6
	25	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	5.6	4.4	3.9
	27	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	6.9	5.5	4.0
	29	SHC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.1	5.5	4.0
21		TC	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.8	11.5	9.3	5.6	4.2
	23	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.5	3.7	2.5	2.0
	25	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	5.8	5.0	3.7	3.2
	27	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.0	6.2	4.9	4.2
	29	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	8.3	7.5	5.6	4.2
22		TC	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.5	12.1	11.7	9.4	5.8	4.4
	25	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.2	5.0	4.2	3.1	2.6	
	27	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.4	6.3	5.5	4.3	3.8
	29	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.8	7.7	7.5	6.7	5.5	4.4
	31	SHC	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	8.9	8.8	8.0	5.8	4.4
23		TC	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.2	12.8	12.4	12.0	9.6	6.1	4.6
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.6	4.5	4.4	3.5	2.4	2.0
	27	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.7	5.6	4.8	3.6	3.2
	29	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.1	7.0	6.9	6.0	4.9	4.4
	31	SHC	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.5	8.4	8.2	8.1	7.3	6.1	4.6

2. Cooling Capacity of Indoor Unit

● S-140MU2E5B, S-140MU2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		14.0 kW AIR FLOW RATE : 36.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	6.1	4.0	
	21	SHC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.2	6.1	4.0	
	23	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	6.1	4.0	
	25	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	6.1	4.0	
	27	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	6.1	4.0	
15		TC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.2	6.3	4.2	
	21	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.8	6.0	4.2	
	23	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	6.3	4.2	
	25	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.2	6.3	4.2	
	27	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.2	6.3	4.2	
16		TC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1	6.4	4.4	
	21	SHC	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	5.3	4.4	
	23	SHC	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	6.4	4.4	
	25	SHC	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.0	6.4	4.4	
	27	SHC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1	6.4	4.4	
17		TC	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	11.7	6.6	4.6	
	21	SHC	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.7	4.6	3.8	
	23	SHC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	5.9	4.6	
	25	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.4	6.6	4.6	
	27	SHC	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.8	6.6	4.6	
18		TC	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	11.8	6.8	4.8	
	21	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.0	3.9	3.1	
	23	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.3	5.2	4.4	
	25	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.6	6.5	4.8	
	27	SHC	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	9.9	6.8	4.8	
19		TC	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	11.9	7.0	5.0	
	21	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.1	3.2	2.5	
	23	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.4	4.5	3.8	
	25	SHC	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	7.7	5.8	5.0	
	27	SHC	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.1	7.0	5.0	
20		TC	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.8	12.1	7.2	5.3
	23	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	5.6	3.8	3.1
	25	SHC	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.0	5.1	4.4
	27	SHC	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.4	8.3	6.4	5.3
	29	SHC	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	9.6	7.2	5.3
21		TC	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.6	15.1	12.2	7.4	5.6
	23	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.2	5.9	4.8	3.1	2.5
	25	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.3	6.2	4.4	3.8
	27	SHC	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.6	7.5	5.7	5.1
	29	SHC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.1	9.9	8.8	7.0	5.6
22		TC	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.5	16.0	15.5	12.4	7.7	5.8
	25	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.9	6.7	6.5	5.4	3.8	3.1
	27	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.3	8.1	7.8	6.7	5.0	4.4
	29	SHC	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.6	9.4	9.2	8.0	6.4	5.7
	31	SHC	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9	10.7	10.5	9.3	7.6	5.8
23		TC	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.4	16.9	16.3	15.8	12.6	8.0	6.1
	25	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.3	6.2	5.9	5.7	4.6	3.1	2.5
	27	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	7.5	7.2	7.0	5.9	4.4	3.8
	29	SHC	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.0	8.8	8.5	8.4	7.2	5.7	5.0
	31	SHC	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.3	10.1	9.9	9.7	8.6	7.0	6.1

2. Cooling Capacity of Indoor Unit

● S-160MU2E5B, S-160MU2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		16.0 kW AIR FLOW RATE : 37.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	7.0	4.6	
	21	SHC	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.0	7.0	4.6	
	23	SHC	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	7.0	4.6	
	25	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	7.0	4.6	
	27	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	7.0	4.6	
15		TC	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.6	7.2	4.8	
	21	SHC	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	6.5	4.8	
	23	SHC	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.9	7.2	4.8	
	25	SHC	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.3	7.2	4.8	
	27	SHC	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.6	7.2	4.8	
16		TC	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.7	7.3	5.0	
	21	SHC	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	5.7	4.8	
	23	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.5	7.1	5.0	
	25	SHC	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9	7.3	5.0	
	27	SHC	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.3	7.3	5.0	
17		TC	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.3	7.5	5.2	
	21	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.5	5.0	4.1	
	23	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.9	6.4	5.2	
	25	SHC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.3	7.5	5.2	
	27	SHC	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.7	7.5	5.2	
18		TC	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	13.5	7.7	5.5	
	21	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.7	4.3	3.4	
	23	SHC	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.0	5.6	4.8	
	25	SHC	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	9.4	7.0	5.5	
	27	SHC	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	10.8	7.7	5.5	
19		TC	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	13.6	8.0	5.8	
	21	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	5.8	3.6	2.8	
	23	SHC	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	7.2	4.9	4.1	
	25	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	8.5	6.3	5.5	
	27	SHC	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	9.9	7.6	5.8	
20		TC	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	16.9	13.8	8.2	6.0
	23	SHC	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.6	6.4	4.2	3.4
	25	SHC	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.0	7.7	5.6	4.8
	27	SHC	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.4	9.0	6.9	6.0
	29	SHC	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.7	10.4	8.2	6.0
21		TC	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	17.9	17.3	14.0	8.5	6.4
	23	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	6.8	5.5	3.5	2.8
	25	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.2	6.9	4.8	4.1
	27	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.8	9.6	8.2	6.2	5.5
	29	SHC	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.2	11.0	9.6	7.5	6.4
22		TC	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	18.9	18.3	17.7	14.2	8.8	6.7	
	25	SHC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.6	7.4	6.0	4.1	3.5	
	27	SHC	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.2	9.0	8.8	7.4	5.5	4.8	
	29	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	10.4	10.1	8.7	6.8	6.1	
	31	SHC	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	11.9	11.7	11.5	10.1	8.2	6.7	
23		TC	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	19.9	19.3	18.7	18.1	14.4	9.1	7.0	
	25	SHC	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.3	7.1	6.8	6.6	5.3	3.5	2.8	
	27	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.7	8.4	8.2	8.0	6.6	4.8	4.1	
	29	SHC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.0	9.8	9.5	9.3	7.9	6.1	5.4	
	31	SHC	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.4	11.1	10.9	10.7	9.3	7.4	6.8	

2. Cooling Capacity of Indoor Unit

2-2. 4-Way Cassette 60×60 (Type Y3)

● S-15MY3E

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		1.5 kW AIR FLOW RATE : 8.5 m³/min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4
	27	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4
15		TC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5
	27	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5
16		TC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5
	21	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.6	0.5
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5
	27	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5
	29	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5
17		TC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5
	21	SHC	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.3
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5
	27	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5
	29	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5
18		TC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5
	21	SHC	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.2
	23	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.6	0.5
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5
	27	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5
	29	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5
	31	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5	
19		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.7	0.5
	21	SHC	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.1
	23	SHC	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.4	0.3
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.5
	27	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5
	29	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.7	0.5
	31	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.7	0.5
20		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.8	0.6
	23	SHC	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.2	0.2
	25	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.6	0.5
	27	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.8	0.6
	29	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.8	0.6
	31	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.8	0.6
21		TC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.3	0.8	0.6
	23	SHC	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.1
	25	SHC	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.5	0.4	0.3
	27	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.6
	29	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.2	0.8	0.6
	31	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.3	0.8	0.6
22		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.3	0.8	0.6
	25	SHC	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.2	0.1
	27	SHC	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.5	0.4
	29	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.8	0.6
	31	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.8	0.6
23		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.7	1.4	0.9	0.7
	25	SHC	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.1
	27	SHC	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.3
	29	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.7	0.6
	31	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.2	0.9	0.7

2. Cooling Capacity of Indoor Unit

● S-22MY3E

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.2 kW AIR FLOW RATE : 8.7 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
15		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.7	
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
16		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7	
	21	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.9	0.7	
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7
17		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.6	
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.7	
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7
18		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8	
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.4	
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.9	0.8	
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.1	0.8	
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.1	0.8	
19		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.1	0.8
	21	SHC	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.4	0.3	
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.7	0.6
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	1.0	0.8
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.1	0.8
20		TC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.1	0.8
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.4	
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	0.8	0.7
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.1	0.8
	29	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.1	0.8
21		TC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	1.9	1.2	0.9
	23	SHC	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.4	0.2	
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.7	0.6	
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	1.0	0.9
	29	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.2	0.9
22		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.4	2.0	1.2	0.9
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.5	0.4	
	27	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	0.8	0.7
	29	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.2	0.9
	31	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.2	0.9
23		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.6	2.5	2.0	1.3	1.0	
	25	SHC	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.3	0.2	
	27	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	0.9	0.7	0.6	
	29	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.2	1.0	0.9	
	31	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.6	1.3	1.0

2. Cooling Capacity of Indoor Unit

● S-28MY3E

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.8 kW AIR FLOW RATE : 9.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.2	0.8	
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
15		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.3	0.8	
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.3	0.8	
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
16		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.1	0.9	
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.3	0.9	
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
17		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9	
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.9	0.8	
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.9	
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.9	
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9	
	29	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9	
18		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0	
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.6	
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.1	0.9	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.4	1.0
	27	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	1.4	1.0	
	29	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0
	31	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0	
19		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.4	1.0	
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.5	0.4	
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.9	0.7	
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.2	1.0	
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.4	1.0	
	29	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	1.4	1.0	
20		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.4	1.1	
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	0.7	0.6	
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.0	0.9	
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.4	1.1
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.1	1.4	1.1	
	31	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.4	1.4	1.1	
21		TC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	2.4	1.5	1.1	
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	0.8	0.5	0.4	
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.2	0.9	0.7	
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.5	1.2	1.1	
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	1.9	1.5	1.1	
	31	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.2	1.5	1.1
22		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.1	2.5	1.5	1.2	
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.0	0.7	0.6	
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.3	1.0	0.9	
	29	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.7	1.4	1.2	
	31	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.0	1.5	1.2	
23		TC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.2	2.5	1.6	1.2	
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.8	0.5	0.4	
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.1	0.8	0.7	
	29	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.5	1.2	1.1	
	31	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	1.8	1.5	1.1	

2. Cooling Capacity of Indoor Unit

● S-36MY3E

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:			3.6 kW		AIR FLOW RATE : 9.5 m³/min																
EVAPORATOR			CONDENSER																		
AIR INTAKE TEMP			AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.6	1.0	
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
15		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.5	1.1	
	23	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.6	1.1	
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
16		TC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.3	1.1	
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.6	1.1	
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
17		TC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2	
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.1	0.9	
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.4	1.2	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.7	1.2	
	27	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.7	1.2	
18		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2	
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	0.9	0.7	
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.2	1.0	
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.1	1.6	1.2	
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.5	1.7	1.2	
19		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	1.8	1.3	
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	0.7	0.5	
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.1	0.9	
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.4	1.2	
	27	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	1.8	1.3	
20		TC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.1	1.9	1.4	
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.9	0.7	
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.2	1.1	
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.6	1.4	
	29	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.4	1.9	1.4	
21		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.1	1.9	1.4	
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.1	0.7	0.5	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.5	1.0	0.9	
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.8	1.4	1.2	
	29	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.2	1.7	1.4
22		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	4.0	3.2	2.0	1.5	
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.3	0.8	0.7	
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.6	1.2	1.0	
	29	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.0	1.6	1.4	
	31	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.6	2.3	1.9	1.5	
23		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.3	4.2	4.1	3.2	2.1	1.6	
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.0	0.7	0.5	
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.4	1.0	0.9	
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.1	1.8	1.4	1.2	
	31	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.4	2.1	1.7	1.6	

2. Cooling Capacity of Indoor Unit

● S-45MY3E

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		4.5 kW		AIR FLOW RATE : 11.5 m³/min																																	
EVAPORATOR		CONDENSER																																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52																	
14		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3																	
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.0	1.3																	
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3																	
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3																	
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3																	
15		TC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4																	
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.9	1.4																	
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.0	1.4																	
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4																	
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4																	
16		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4																	
	21	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.6	1.3																	
	23	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.1	1.4																	
	25	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.1	1.4																	
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4																	
17		TC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	2.1	1.5																	
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.4	1.1																	
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	1.8	1.5																	
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.1	1.5																	
	27	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	2.1	1.5																	
18		TC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.8	2.2	1.5																	
	21	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.1	0.9																	
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	1.6	1.3																	
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.0	1.5																	
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.1	2.2	1.5																	
19		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.8	2.2	1.6																	
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.5	0.9	0.7																	
	23	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.3	1.1																	
	25	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.4	1.8	1.5																	
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.8	2.2	1.6																	
20		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	3.9	2.3	1.7																	
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.7	1.1	0.9																	
	25	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2	1.5	1.3																	
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.6	2.0	1.7																	
	29	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	2.3	1.7																	
21		TC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.9	3.9	2.4	1.8																
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.4	0.9	0.7																
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.3	1.1																	
	27	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.3	1.7	1.5																
	29	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.7	2.2	1.8																
22		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.1	5.0	4.0	2.5	1.9																
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.0	2.0	1.6	1.1	0.9																
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.4	2.0	1.5	1.3																
	29	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.5	1.9	1.7																
	31	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.3	2.9	2.4	1.9																
23		TC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.2	5.1	4.1	2.6	2.0																	
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.8	1.7	1.4	0.9	0.7																	
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.2	1.8	1.3	1.1																	
	29	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.6	2.2	1.7	1.5																	
	31	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.0	2.7	2.2	1.9																	

2. Cooling Capacity of Indoor Unit

● S-56MY3E

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		5.6 kW AIR FLOW RATE : 13.5 m³/min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
	21	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.4	1.6
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
15		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.3	1.7
	23	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.5	1.7
	25	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.5	1.7
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7
16		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.0	1.7
	23	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	2.5	1.8
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	2.6	1.8
	27	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	2.6	1.8
17		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7	2.6	1.8
	21	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	1.7	1.4
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.2	1.8
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	2.6	1.8
	27	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	2.6	1.8
18		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.7	2.7	1.9
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2	1.4	1.1
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	1.9	1.6
	25	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.3	2.4	1.9
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.8	2.7	1.9
19		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	4.8	2.8	2.0
	21	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.2	0.9
	23	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.5	1.7	1.4
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.0	2.2	1.9
	27	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.5	2.7	2.0
20		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	4.8	2.9	2.1
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.1	1.4	1.1
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.6	1.9	1.6
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.1	2.4	2.1
	29	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.7	2.9	2.1
21		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	4.9	3.0	2.2
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.8	1.1	0.8
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.3	1.6	1.4
	27	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	2.8	2.1	1.9
	29	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.4	2.6	2.2
22		TC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.4	6.2	5.0	3.1	2.3
	25	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.5	2.0	1.4	1.1
	27	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	2.5	1.9	1.6
	29	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.5	3.0	2.4	2.1
	31	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.0	3.6	2.9	2.3
23		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.7	6.5	6.3	5.1	3.2	2.4
	25	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.3	2.2	2.2	1.7	1.1	0.8
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.8	2.7	2.2	1.6	1.3
	29	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.3	3.3	3.2	2.8	2.1	1.8
	31	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.8	3.8	3.7	3.3	2.6	2.3

2. Cooling Capacity of Indoor Unit

2-3. Wall Mounted (Type K2)

● S-15MK2E5B, S-15MK2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		1.5 kW AIR FLOW RATE : 7.9 m ³ /min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4
	27	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4
15		TC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5
	27	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5
16		TC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5
	21	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.5
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5
	27	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5
17		TC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5
	21	SHC	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.5
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5
	27	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5
18		TC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5
	21	SHC	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.5	0.4
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.5
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.7	0.5
	27	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5
19		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.7	0.5
	21	SHC	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.3	0.3
	23	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.5	0.5
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.7	0.5
	27	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.7	0.5
20		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.8	0.6
	23	SHC	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.5	0.4
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.6
	27	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.8	0.6
	29	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.8	0.6
21		TC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.8	0.6
	23	SHC	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.5	0.4	0.3
	25	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.6	0.5
	27	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.8	0.6
	29	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.8	0.6
22		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.3	0.8	0.6
	25	SHC	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.5	0.4
	27	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.6
	29	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.8	0.6
	31	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	0.8	0.6
23		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.4	0.9	0.7
	25	SHC	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.3
	27	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.5
	29	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.8	0.7
	31	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	0.9	0.7	0.5

2. Cooling Capacity of Indoor Unit

● S-22MK2E5B, S-22MK2E5A

Power supply : 220-230-240V 1phase-50Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.2 kW		AIR FLOW RATE : 9.0 m³/min																	
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.6	
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
15		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
	21	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.0	0.7	
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
16		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7	
	21	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.9	0.7	
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.0	0.7	
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.0	0.7	
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7	
	29	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7	
17		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7	
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.8	0.6	
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.0	0.7	
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7	
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7	
18		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8	
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.7	0.5	
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.9	0.8	
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.1	0.8	
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.1	0.8	
	29	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.1	0.8	
	31	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8	
19		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.1	0.8	
	21	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.5	0.4	
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.8	0.6	
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.0	0.8	
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.1	0.8	
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.1	0.8	
	31	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.1	0.8	
20		TC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.1	0.8	
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.6	0.5	
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.9	0.7	
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.1	0.8	
	29	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.1	0.8	
	31	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.1	0.8	
21		TC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.9	1.2	0.9	
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.4	
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.7	0.6	
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.2	1.0	0.9	
	29	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.2	0.9	
	31	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.2	0.9	
22		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.0	1.2	0.9	
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.6	0.5	
	27	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	0.8	0.7	
	29	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.1	0.9	
	31	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.2	0.9	
23		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.5	2.0	1.3	1.0	
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.5	0.4	
	27	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.0	0.7	0.6
	29	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.2	1.0	0.9	
	31	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.2	1.0	

2. Cooling Capacity of Indoor Unit

● S-28MK2E5B, S-28MK2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.8 kW AIR FLOW RATE : 9.5 m ³ /min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.2	0.8
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8
15		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.2	0.8
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.3	0.8
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8
16		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.1	0.9
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.9
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.3	0.9
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9
17		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.9	0.7
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.2	0.9
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.3	0.9
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.3	0.9
18		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4
	21	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.8	0.6
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.9
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.3	1.0
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.4
19		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.4
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.6	0.5
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.9	0.7
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.1	1.0
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.4
20		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.4
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.1	0.7	0.6
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.0	0.9
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.2	1.1
	29	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.4	1.1
21		TC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.4	1.5
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.9	0.6
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.2	0.9
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.5	1.1
	29	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.4
22		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	2.5	1.5
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.1	0.7
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.3	1.0
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.2
	31	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	1.8	1.5
23		TC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.2	2.5	1.6
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	0.9	0.6
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.2	0.8
	29	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.4	1.1
	31	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.7	1.3	1.2

2. Cooling Capacity of Indoor Unit

● S-36MK2E5B, S-36MK2E5A

Power supply : 220-230-240V 1phase-50Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		3.6 kW AIR FLOW RATE : 10.9 m ³ /min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0
	21	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.6	1.0
	23	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.6	1.0
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0
15		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.4	1.1
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.6	1.1
	25	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.6	1.1
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1
16		TC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.2	1.0
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.5	1.1
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.1
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.6	1.1
17		TC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	1.7	1.2
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.1	0.9
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.4	1.2
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.7	1.2
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.7	1.2
18		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	1.7	1.2
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	0.9
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.2
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.1	1.5
	27	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	1.7
19		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	1.8	1.3
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.8
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.1
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.4
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	1.7
20		TC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	1.9	1.4
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	0.9
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.2
	27	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.5
	29	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.3	1.8
21		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.0	1.5
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.2	0.8
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.5	1.1
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.8	1.3
	29	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.1	1.6
22		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	2.1	1.6
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.4
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.6
	29	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.9
	31	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.2
23		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	2.2	1.7
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.2
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.1
	31	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.4

2. Cooling Capacity of Indoor Unit

● S-45MK2E5B, S-45MK2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		4.5 kW AIR FLOW RATE : 14.5 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
15		TC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.0	1.4	
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
16		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.9	1.4	
	23	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.1	1.4	
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
17		TC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	2.1	1.5
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.6	1.4	
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.1	1.5	
	25	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.1	1.5	
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	2.1	1.5
18		TC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.8	2.2	1.5
	21	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.4	1.1	
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.5	1.9	1.5	
	25	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.0	2.2	1.5
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	2.2	1.5
19		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.8	2.2	1.5	
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.1	0.9	
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2	1.6	1.4	
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7	2.1	1.6
	27	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	2.2	1.6
20		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	3.9	2.3	1.7	
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.3	1.1	
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.9	1.6	
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.9	2.3	1.7
	29	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.5	2.3	1.7
21		TC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.9	3.9	2.4	1.8	
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.6	1.1	0.9	
	25	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.1	1.6	1.4	
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	2.6	2.1	1.8	
	29	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.1	2.4	1.8	
22		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.1	5.0	4.0	2.5	1.9	
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	1.8	1.3	1.1	
	27	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.3	1.8	1.6	
	29	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	2.8	2.4	1.9	
	31	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.7	3.4	2.5	1.9
23		TC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.2	5.1	4.1	2.6	2.0	
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	1.9	1.9	1.5	1.1	0.9	
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.4	2.4	2.0	1.6	1.4	
	29	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.9	2.9	2.6	2.1	1.9	
	31	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.4	3.1	2.6	2.0	

2. Cooling Capacity of Indoor Unit

● S-56MK2E5B, S-56MK2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		5.6 kW AIR FLOW RATE : 16.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
	21	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.4	1.6	
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
15		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7	
	21	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.5	1.7	
	23	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.5	1.7	
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7	
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7	
16		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8	
	21	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.3	1.8	
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	2.6	1.8	
	25	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	2.6	1.8	
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8	
17		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7	2.6	1.8	
	21	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	1.9	1.6	
	23	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	2.5	1.8	
	25	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.6	1.8	
	27	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	2.6	1.8	
18		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.7	2.7	1.9	
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.6	1.3	
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.0	2.2	1.9	
	25	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.6	2.7	1.9	
	27	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.2	2.7	1.9	
19		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	4.8	2.8	2.0	
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.3	1.0	
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7	1.9	1.6	
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.2	2.5	2.0	
	27	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.8	2.8	2.0	
20		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	4.8	2.9	2.1	
	23	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.3	1.6	1.3
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.9	2.2	1.9
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.5	2.7	2.1
	29	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.0	2.9	2.1
21		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	4.9	3.0	2.2	
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.0	1.3	1.0
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.5	1.9	1.6
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.1	2.4	2.2
	29	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.7	3.0	2.2
22		TC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.4	6.2	5.0	3.1	2.3	
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.2	1.6	1.3	
	27	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	2.8	2.1	1.9	
	29	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.4	2.7	2.3	
	31	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.4	4.4	4.0	3.1	2.3	
23		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.7	6.5	6.3	5.1	3.2	2.4	
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	2.4	2.3	1.9	1.3	1.0	
	27	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	2.9	2.9	2.4	1.8	1.6	
	29	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.5	3.5	3.0	2.4	2.2	
	31	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	4.0	3.6	3.0	2.4	

2. Cooling Capacity of Indoor Unit

● S-73MK2E5B, S-73MK2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		7.3 kW AIR FLOW RATE : 19.5 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1	
	21	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	3.2	2.1	
	23	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1	
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	3.2	2.1	
	27	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1	
15		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2	
	21	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.2	2.2	
	23	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	3.3	2.2	
	25	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2	
	27	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2	
16		TC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.3	2.3	
	21	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.8	2.3	
	23	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	3.3	2.3	
	25	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	3.3	2.3	
	27	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.3	2.3	
	29	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.3	2.3	
17		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	3.4	2.4	
	21	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.4	2.0	
	23	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	3.1	2.4	
	25	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	3.4	2.4	
	27	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	3.4	2.4	
	29	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	3.4	2.4	
18		TC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.1	3.5	2.5	
	21	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.1	2.0	1.7	
	23	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.8	2.7	2.4	
	25	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.5	3.5	2.5	
	27	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.2	3.5	2.5	
	29	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.0	3.5	2.5	
	31	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.1	3.5	2.5	
19		TC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.2	3.6	2.6	
	21	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.7	1.7	1.3	
	23	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.4	2.4	2.0	
	25	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.1	3.1	2.6	
	27	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	4.8	3.6	2.6	
	29	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.5	3.6	2.6	
	31	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.2	3.6	2.6	
20		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	6.3	3.8	2.8
	23	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.0	2.0	1.7
	25	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	3.7	2.7	2.4
	27	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.4	3.4	2.8	
	29	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.1	3.8	2.8	
	31	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.8	3.8	2.8	
21		TC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.2	7.9	6.4	3.9	2.9	
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.1	2.5	1.6	1.3	
	25	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.2	2.3	2.0	
	27	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.5	3.9	3.0	2.7	
	29	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	4.7	3.8	2.9	
	31	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.4	3.9	2.9	
22		TC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.6	8.3	8.1	6.5	4.0	3.0	
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.5	3.4	2.8	2.0	1.7	
	27	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.2	4.1	3.5	2.7	2.4	
	29	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.9	4.8	4.2	3.4	3.0	
	31	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.0	4.0	3.0	
23		TC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1	8.8	8.5	8.3	6.6	4.2	3.2	
	25	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.1	3.0	2.4	1.6	1.3	
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.8	3.7	3.1	2.3	2.0	
	29	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.6	4.5	4.4	3.8	3.0	2.7	
	31	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.3	5.2	5.2	4.6	3.7	3.2	

2. Cooling Capacity of Indoor Unit

● S-106MK2E5B, S-106MK2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		10.6 kW AIR FLOW RATE : 21.5 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1	
	21	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	4.5	3.1	
	23	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	4.6	3.1	
	25	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1	
	27	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1	
15		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	4.7	3.2	
	21	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	4.0	3.2	
	23	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	4.7	3.2	
	25	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	4.7	3.2	
	27	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	4.7	3.2	
16		TC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	4.9	3.3	
	21	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	3.6	3.0	
	23	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	4.4	3.3	
	25	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	4.9	3.3	
	27	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	4.9	3.3	
17		TC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.8	5.0	3.5	
	21	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.9	3.2	2.6	
	23	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.7	4.0	3.4	
	25	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	4.8	3.5	
	27	SHC	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.3	5.0	3.5	
18		TC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	8.9	5.1	3.6	
	21	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.4	2.7	2.2	
	23	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.2	3.5	3.0	
	25	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.0	4.3	3.6	
	27	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.8	5.1	3.6	
19		TC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	9.0	5.3	3.8	
	21	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	3.9	2.4	1.8	
	23	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	4.6	3.1	2.6	
	25	SHC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	5.4	3.9	3.3	
	27	SHC	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.3	4.7	3.8	
20		TC	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.2	9.1	5.5	4.0
	23	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.2	2.7	2.2	
	25	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	4.9	3.5	3.0	
	27	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	5.7	4.3	3.7	
	29	SHC	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	6.6	5.1	4.0	
21		TC	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.8	11.5	9.3	5.6	4.2
	23	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.6	3.7	2.3	1.8
	25	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.4	4.5	3.1	2.6
	27	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.3	6.2	5.3	3.8	3.3
	29	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	7.0	6.1	4.6	4.1
22		TC	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.5	12.1	11.7	9.4	5.8	4.4	
	25	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.1	4.9	4.0	2.6	2.2	
	27	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.7	4.7	3.4	3.0	
	29	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.8	6.7	6.5	5.5	4.2	3.7	
	31	SHC	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.4	7.3	6.3	5.0	4.4	
23		TC	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.2	12.8	12.4	12.0	9.6	6.1	4.6	
	25	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.8	4.6	4.4	3.5	2.3	1.8	
	27	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.4	5.2	4.3	3.0	2.6	
	29	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5	6.3	6.2	6.0	5.1	3.8	3.3	
	31	SHC	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.3	7.1	6.9	6.8	5.9	4.6	4.1	

2. Cooling Capacity of Indoor Unit

2-4. Ceiling (Type T2)

● S-36MT2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		3.6 kW AIR FLOW RATE : 14.0 m ³ /min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0
15		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.1
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1
16		TC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1
	21	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.6	1.1
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.6	1.1
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1
	29	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1
17		TC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2
	21	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.2
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.7	1.2
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.7	1.2
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2
	29	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2
18		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.2	1.0
	23	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	1.7	1.2
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	1.7	1.2
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.0	1.7	1.2
	29	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2
	31	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2
19		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	1.8	1.3
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.0	0.8
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.4	1.3
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.8	1.3
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.9	1.8	1.3
	29	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	1.8	1.3
	31	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	1.8	1.3
20		TC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.1	1.9	1.4
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.2	1.1
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.7	1.4
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.6	1.9	1.4
	29	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.1	1.9	1.4
	31	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.1	1.9	1.4
21		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.1	1.9	1.4
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.3	0.9	0.8
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.8	1.4	1.3
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.3	1.9	1.4
	29	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.8	1.9	1.4
	31	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	1.9	1.4
22		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	3.2	2.0	1.5
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.2	1.0
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.7	1.5
	29	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.5	2.0	1.5
	31	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.0	2.0	1.5
23		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.3	4.1	3.2	2.1	1.6
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.3	0.9	0.8
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	1.8	1.4	1.3
	29	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.5	2.2	1.9	1.6
	31	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.0	2.7	2.1	1.6

2. Cooling Capacity of Indoor Unit

● S-45MT2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		4.5 kW		AIR FLOW RATE : 15.0 m³/min																
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3
15		TC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.0	1.4
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4
16		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.0	1.4
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.1	1.4
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4
17		TC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.1	1.5
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.7	1.5
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.1	1.5
	25	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.1	1.5
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.1	1.5
18		TC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.2	1.5
	21	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.4	1.2
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.0	1.5
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.2	1.5
	27	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	2.2	1.5
19		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	2.2	1.5
	21	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	0.9
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2	1.6
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.8	2.2
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.3	2.2
20		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.3	1.7
	23	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.4
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.5	1.9
	27	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	2.3
	29	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.5	2.3
21		TC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	3.9	2.4
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.6	1.1
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.2	1.6
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.7	2.2
	29	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.2	2.4
22		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.1	4.0	2.5	1.9
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	1.9	1.4	1.2
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.4	1.9
	29	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	2.9	2.4
	31	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.4	2.5
23		TC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.1	4.1	2.6	2.0
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.9	1.6	1.1	0.9
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.5	2.5	2.1	1.6
	29	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.0	2.6	2.1
	31	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.5	3.1	2.6

2. Cooling Capacity of Indoor Unit

● S-56MT2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		5.6 kW AIR FLOW RATE : 15.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
	21	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.4	1.6	
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
15		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7	
	21	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.4	1.7	
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.5	1.7	
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7	
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7	
16		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8	
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.2	1.8	
	23	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.6	1.8	
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	2.6	1.8	
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8	
17		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7	2.6	1.8	
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	1.8	1.5	
	23	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	2.4	1.8	
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	2.6	1.8	
	27	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	2.6	1.8	
18		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.7	2.7	1.9	
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.6	1.3	
	23	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.9	2.1	1.8	
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.4	2.6	1.9	
	27	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.0	2.7	1.9	
19		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	4.8	2.8	2.0	
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.3	1.0	
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.6	1.8	1.5	
	25	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.1	2.3	2.0	
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.7	2.8	2.0	
20		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.8	2.9	2.1	
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.3	1.5	1.3	
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.8	2.1	1.8	
	27	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.3	2.6	2.1
	29	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.8	2.9	2.1	
21		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	4.9	3.0	2.2	
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.0	1.3	1.0	
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.5	1.8	1.5	
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.0	2.3	2.0	
	29	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.5	2.8	2.2	
22		TC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.3	5.0	3.1	2.3	
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.2	1.5	1.3	
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	2.7	2.0	1.8	
	29	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.7	3.2	2.5	2.3
	31	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.2	3.7	3.1	2.3	
23		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.7	6.4	5.1	3.2	2.4	
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	2.3	1.9	1.2	1.0	
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.9	2.4	1.8	1.5	
	29	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.5	3.4	2.9	2.3	2.0	
	31	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.0	3.9	3.4	2.8	2.4

2. Cooling Capacity of Indoor Unit

● S-73MT2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		7.3 kW AIR FLOW RATE : 21.0 m³/min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1
	21	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.2	2.1
	23	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1
	27	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1
15		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2
	21	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.3	2.2
	23	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	3.3	2.2
	25	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2
	27	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2
16		TC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.3	2.3
	21	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.9	2.3
	23	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	3.3	2.3
	25	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	3.3	2.3
	27	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.3	2.3
17		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	3.4	2.4
	21	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	2.5	2.2
	23	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	3.3	2.4
	25	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	3.4	2.4
	27	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	3.4	2.4
18		TC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.1	3.5	2.5
	21	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	2.2	1.8
	23	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.9	2.9	2.5
	25	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.7	3.5	2.5
	27	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.4	3.5	2.5
19		TC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.2	3.6	2.6
	21	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.7	1.8	1.4
	23	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.5	2.5	2.1
	25	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.2	3.2	2.6
	27	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.0	3.6	2.6
20		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	6.3	3.8	2.8
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.1	2.1	1.8
	25	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	3.8	2.9	2.5
	27	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.5	3.6	2.8
	29	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.3	3.8	2.8
21		TC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.2	6.4	3.9	2.9
	23	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	2.6	1.8	1.4
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.3	2.5	2.2
	27	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.1	3.2	2.9
	29	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	4.8	3.9	2.9
22		TC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.6	8.2	6.5	4.0	3.0
	25	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.6	2.9	2.1	1.8
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.3	3.7	2.8	2.5
	29	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.0	4.4	3.5	3.0
	31	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	5.8	5.2	4.0	3.0
23		TC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1	8.8	8.3	6.6	4.2	3.2
	25	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.1	2.5	1.7	1.4
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.8	3.2	2.5	2.1
	29	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.7	4.5	4.0	3.2	2.9
	31	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.5	5.3	4.7	3.9	3.0

2. Cooling Capacity of Indoor Unit

● S-106MT2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		10.6 kW AIR FLOW RATE : 30.0 m ³ /min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1
	21	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	4.6	3.1
	23	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1
	25	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1
	27	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1
15		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	4.7	3.2
	21	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	4.7	3.2
	23	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	4.7	3.2
	25	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	4.7	3.2
	27	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	4.7	3.2
16		TC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	4.9	3.3
	21	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	4.1	3.3
	23	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	4.9	3.3
	25	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.8	4.9	3.3
	27	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	4.9	3.3
17		TC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.8	5.0
	21	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.1	3.6	3.0
	23	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.2	4.6	3.5
	25	SHC	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.3	5.0	3.5
	27	SHC	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.4	5.0	3.5
18		TC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.1	5.1
	21	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.5	3.0	2.4
	23	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.6	4.1	3.5
	25	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.7	5.1	3.6
	27	SHC	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.7	5.1	3.6
19		TC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	9.0	5.3
	21	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.9	2.5	1.9
	23	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	4.9	3.5	3.0
	25	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.0	4.5	3.8
	27	SHC	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.1	5.3	3.8
20		TC	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	9.1	5.5
	23	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.3	3.0	2.4
	25	SHC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	5.4	4.0	3.5
	27	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.4	5.1	4.0
	29	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	7.5	5.5	4.0
21		TC	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9	9.3	5.6
	23	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	3.7	2.4	1.9
	25	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	4.7	3.4
	27	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	5.8	4.5
	29	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	6.8	5.5	4.2
22		TC	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.5	11.9	9.4	5.8
	25	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.1	4.1	2.9
	27	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.3	6.1	5.2	3.9
	29	SHC	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.1	6.2	5.0	4.4
	31	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	8.2	7.3	5.8
23		TC	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.2	12.8	12.0	9.6	6.1
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.6	4.4	3.5	2.4
	27	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.8	5.7	5.4	4.5	3.4
	29	SHC	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.7	6.5	5.6	4.5
	31	SHC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.8	7.5	6.6	5.5

2. Cooling Capacity of Indoor Unit

● S-140MT2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		14.0 kW AIR FLOW RATE : 32.0 m ³ /min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	6.1	4.0
	21	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	6.1	4.0
	23	SHC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.9	6.1	4.0
	25	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	6.1	4.0
	27	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	6.1	4.0
15		TC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.2	6.3	4.2
	21	SHC	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	5.7	4.2
	23	SHC	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6	6.3	4.2
	25	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.8	6.3	4.2
	27	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.2	6.3	4.2
16		TC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1	6.4	4.4
	21	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	5.0	4.2
	23	SHC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	6.2	4.4
	25	SHC	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	6.4	4.4
	27	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	6.4	4.4
	29	SHC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1	6.4	4.4
17		TC	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	11.7	6.6	4.6
	21	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7	4.4	3.6
	23	SHC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.8	5.5	4.6
	25	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.9	6.6	4.6
	27	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.1	6.6	4.6
	29	SHC	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.3	6.6	4.6
18		TC	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	11.8	6.8	4.8
	21	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	5.9	3.8	3.0
	23	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.0	4.9	4.2
	25	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.2	6.1	4.8
	27	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.3	6.8	4.8
	29	SHC	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	10.5	6.8	4.8
	31	SHC	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	11.7	6.8	4.8
19		TC	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	11.9	7.0	5.0
	21	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.2	3.2	2.4
	23	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	6.3	4.3	3.6
	25	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	7.5	5.5	4.7
	27	SHC	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	8.6	6.6	5.0
	29	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	9.8	7.0	5.0
	31	SHC	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	10.9	7.0	5.0
20		TC	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	12.1	7.2	5.3
	23	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	5.6	3.7	3.0
	25	SHC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.8	4.8	4.2
	27	SHC	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	7.9	6.0	5.3
	29	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	9.0	7.1	5.3
	31	SHC	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	10.2	7.2	5.3
21		TC	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.7	7.4	5.6
	23	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	4.9	3.1	2.5
	25	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	6.0	4.2	3.6
	27	SHC	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6	7.2	5.4	4.8
	29	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.8	8.3	6.5	5.6
	31	SHC	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9	9.4	7.4	5.6
22		TC	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.5	15.8	12.4	7.7	5.8
	25	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.7	5.4	3.7	3.0
	27	SHC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	7.8	6.5	4.8	4.2
	29	SHC	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.2	8.9	7.6	5.9	5.3
	31	SHC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.4	10.1	8.8	7.1	5.8
23		TC	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.4	16.9	15.9	12.6	8.0	6.1
	25	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5	6.3	5.9	4.7	3.1	2.5
	27	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.6	7.4	7.0	5.8	4.2	3.6
	29	SHC	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.6	8.2	6.9	5.3	4.7
	31	SHC	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.9	9.7	9.3	8.0	6.5	5.8

2. Cooling Capacity of Indoor Unit

2-5. Middle Static Pressure Duct (Type F3)

● S-15MF3E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		1.5 kW AIR FLOW RATE : 14.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	
	27	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	
15		TC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5	
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5	
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5	
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5	
	27	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5	
16		TC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5	
	21	SHC	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.5	0.3	
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5	
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5	
	27	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5	
17		TC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5	
	21	SHC	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.1	
	23	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.5	
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5	
	27	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5	
18		TC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.7	0.5	
	21	SHC	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
	23	SHC	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.3	0.3	
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.7	0.5
	27	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5
19		TC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.7	0.5
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.7	0.5
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.7	0.5
20		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.7	0.5
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.7	0.5
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.8	0.6
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.8	0.6
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.8	0.6
21		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.8	0.6
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.8	0.6
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	0.9	0.7
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	0.9	0.7
	29	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	0.9	0.7
22		TC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	0.9	0.7
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	0.9	0.7
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.4	0.9	0.7
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.4	0.9	0.7
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.4	0.9	0.7
23		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.4	0.9	0.7
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.4	0.9	0.7
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.4	0.9	0.7
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.4	0.9	0.7
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.4	0.9	0.7

2. Cooling Capacity of Indoor Unit

● S-22MF3E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.2 kW AIR FLOW RATE : 14.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
15		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.7	
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
16		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7	
	21	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.0	0.7	
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7	
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7	
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7	
	29	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7	
17		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7	
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.5	
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.7	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7
18		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8	
	21	SHC	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.2	
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.9	0.8	
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.1	0.8	
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8	
	29	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8	
	31	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8	
19		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.1	0.8	
	21	SHC	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.1	0.1	
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.5	
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.1	0.8	
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8	
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.1	0.8	
	31	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.1	0.8	
20		TC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.1	0.8	
	23	SHC	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.3	0.1	
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.8	0.7	
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.1	0.8	
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.1	0.8	
	31	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.1	0.8	
21		TC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	1.9	1.2	0.9	
	23	SHC	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.1	0.1	
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.4	
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	1.1	0.9	
	29	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.8	1.2	0.9
	31	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	1.9	1.2	0.9
22		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.4	2.0	1.2	0.9	
	25	SHC	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.5	0.2	0.1	
	27	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.8	0.7	
	29	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.6	1.2	0.9	
	31	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.0	1.2	0.9	
23		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.6	2.5	2.0	1.3	1.0	
	25	SHC	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.1	
	27	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.7	0.5	0.4	
	29	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.0	0.9	
	31	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.3	1.0	

2. Cooling Capacity of Indoor Unit

● S-28MF3E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.8 kW AIR FLOW RATE : 14.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
15		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.3	0.8	
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
16		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.2	0.9	
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.3	0.9	
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
17		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9	
	21	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.9	0.7	
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.3	0.9	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9
	29	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9
18		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0	
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.6	0.4	
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.1	1.0	
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.4	1.0	
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0
	29	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0
	31	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0
19		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.4	1.0	
	21	SHC	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.3	0.1	
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	0.8	0.7	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.4	1.0
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.4	1.0
	29	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.4	1.0
	31	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.4	1.0
20		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.4	1.1	
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.5	0.4	
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.0	0.9	
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.4	1.1
	29	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.4	1.4	1.1
	31	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.4	1.1
21		TC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	2.4	1.5	1.1
	23	SHC	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.5	0.2	0.1	
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.1	0.8	0.6
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.6	1.3	1.1
	29	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	1.5	1.1
	31	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.4	1.5	1.1
22		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.1	2.5	1.5	1.2	
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.8	0.5	0.4	
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.3	1.0	0.9	
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	1.9	1.5	1.2
	31	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.4	1.5	1.2
23		TC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.2	2.5	1.6	1.2	
	25	SHC	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.5	0.2	0.1	
	27	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.0	0.7	0.6	
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.5	1.2	1.1	
	31	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.1	1.6	1.2

2. Cooling Capacity of Indoor Unit

● S-36MF3E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		3.6 kW AIR FLOW RATE : 14.0 m ³ /min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0
15		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1
	21	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.6	1.1
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1
16		TC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1
	21	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.4	1.1
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.6	1.1
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1
17		TC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.1	0.9
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.7	1.2
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	1.7	1.2
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2
18		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.8	0.6
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.3	1.2
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.7	1.2
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2
19		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	1.8	1.3
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.5	0.3
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.1	0.9
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.1	1.6	1.3
	27	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	1.8	1.3
20		TC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.1	1.9	1.4
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.2	0.8	0.6
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.3	1.1
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.3	1.9	1.4
	29	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.8	1.9	1.4
21		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.1	1.9	1.4
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	0.9	0.5
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.4	1.0	0.8
	27	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.5	1.4
	29	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.5	1.9	1.4
22		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	4.0	3.2	2.0	1.5
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.1	0.7	0.6
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	1.9	1.7	1.3	1.1
	29	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.2	1.8	1.5
	31	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.7	2.0	1.5
23		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.3	4.2	4.1	3.2	2.1	1.6
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1	0.8	0.4	0.3
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.3	1.0	0.8
	29	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.2	2.2	2.2	1.9	1.5	1.4
	31	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.7	2.7	2.4	2.1	1.6

2. Cooling Capacity of Indoor Unit

● S-45MF3E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		4.5 kW AIR FLOW RATE : 14.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	21	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.0	1.3	
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
15		TC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
	21	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.0	1.4	
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.0	1.4	
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
16		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.8	1.4	
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.1	1.4	
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
17		TC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.1	1.5	
	21	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.5	1.3	
	23	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.0	1.5	
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.1	1.5	
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.1	1.5	
18		TC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.2	1.5	
	21	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.2	1.0	
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.7	1.5	
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.9	2.2	1.5
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.5	2.2	1.5
19		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.8	2.2	1.5	
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.5	0.9	0.7	
	23	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.1	1.4	1.2	
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.6	2.0	1.6
	27	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.1	2.2	1.6
20		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	3.9	2.3	1.7	
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.7	1.2	0.9	
	25	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.3	1.7	1.5	
	27	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.9	2.2	1.7
	29	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.4	2.3	1.7
21		TC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.9	3.9	2.4	1.8	
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.4	0.9	0.7	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.0	1.4	1.2	
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.5	2.0	1.8	
	29	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.0	2.4	1.8	
22		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.1	5.0	4.0	2.5	1.9	
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	1.7	1.1	1.0	
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.2	1.7	1.5	
	29	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.1	3.1	2.7	2.2	1.9	
	31	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.3	2.5	1.9	
23		TC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.2	5.1	4.1	2.6	2.0	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.7	1.3	0.9	0.7	
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	1.9	1.4	1.2	
	29	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.8	2.8	2.4	1.9	1.7	
	31	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.3	3.0	2.5	2.0	

2. Cooling Capacity of Indoor Unit

● S-56MF3E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		5.6 kW		AIR FLOW RATE : 16.0 m³/min																	
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
	21	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.4	1.6	
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
15		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7	
	21	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.5	1.7	
	23	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	2.5	1.7	
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7	
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7	
16		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8	
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.1	1.8	
	23	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	2.6	1.8	
	25	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.6	1.8	
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8	
	29	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8
17		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7	2.6	1.8	
	21	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.8	1.5	
	23	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	2.4	1.8	
	25	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	2.6	1.8	
	27	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	2.6	1.8	
	29	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7	2.6	1.8
18		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.7	2.7	1.9	
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	1.5	1.2	
	23	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.9	2.1	1.8	
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.5	2.7	1.9	
	27	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.1	2.7	1.9	
	29	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.7	2.7	1.9	
	31	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.7	2.7	1.9	
19		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	4.8	2.8	2.0	
	21	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.1	0.8	
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.5	1.7	1.5	
	25	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.1	2.4	2.0
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.8	2.8	2.0	
	29	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.4	2.8	2.0	
	31	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	4.8	2.8	2.0	
20		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	4.8	2.9	2.1
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.1	1.4	1.1	
	25	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.7	2.0	1.7	
	27	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.4	2.6	2.1	
	29	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.0	2.9	2.1
	31	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.6	2.9	2.1
21		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	4.9	3.0	2.2	
	23	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	1.8	1.1	0.8	
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.4	1.7	1.4
	27	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.0	2.3	2.0	
	29	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.6	2.9	2.2	
	31	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.2	3.0	2.2	
22		TC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.4	6.2	5.0	3.1	2.3	
	25	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.5	2.5	2.0	1.4	1.1	
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.1	3.1	2.6	2.0	1.7	
	29	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.7	3.3	2.6	2.3	
	31	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.3	3.9	3.1	2.3	
23		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.7	6.5	6.3	5.1	3.2	2.4	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	2.2	2.1	1.7	1.1	0.8	
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.8	2.7	2.3	1.7	1.4	
	29	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.4	3.3	2.9	2.3	2.0	
	31	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.0	3.9	3.5	2.9	2.4	

2. Cooling Capacity of Indoor Unit

● S-60MF3E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		6.0 kW AIR FLOW RATE : 21.0 m³/min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.6	1.7
	21	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.6	1.7
	23	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.6	1.7
	25	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.6	1.7
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.6	1.7
15		TC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	2.7	1.8
	21	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.7	1.8
	23	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	2.7	1.8
	25	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	2.7	1.8
	27	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	2.7	1.8
16		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.7	1.9
	21	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.4	1.9
	23	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.7	1.9
	25	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.7	1.9
	27	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.7	1.9
	29	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.7	1.9
17		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.0	2.8	2.0
	21	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.0	1.6
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	2.7	2.0
	25	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.8	2.0
	27	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.0	2.8	2.0
	29	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.0	2.8	2.0
18		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.0	2.9	2.1
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.5	1.3
	23	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.2	2.3	2.0
	25	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.9	2.9	2.1
	27	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.7	2.9	2.1
	29	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.0	2.9	2.1
	31	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.0	2.9	2.1
19		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.1	3.0	2.2
	21	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.1	0.8
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7	1.9	1.6
	25	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.5	2.7	2.2
	27	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.3	3.0	2.2
	29	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.1	3.0	2.2
	31	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.1	3.0	2.2
20		TC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.3	5.2	3.1	2.3
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.3	1.5	1.2
	25	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.0	2.3	2.0
	27	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.8	3.0	2.3
	29	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.6	3.1	2.3
	31	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.8	5.2	3.1	2.3
21		TC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7	6.5	5.2	3.2	2.4
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	1.8	1.1	0.8
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.6	1.9	1.6
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.3	2.6	2.3
	29	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.1	3.2	2.4
	31	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	4.9	3.2	2.4
22		TC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	6.8	6.6	5.3	3.3	2.5
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.6	2.6	2.1	1.4	1.2
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.4	3.3	2.9	2.2	1.9
	29	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.2	4.1	3.7	3.0	2.5
	31	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.9	4.4	3.3	2.5
23		TC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.2	7.0	6.8	5.4	3.4	2.6
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.2	2.1	1.7	1.0	0.8
	27	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	3.0	2.9	2.4	1.8	1.6
	29	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.8	3.7	3.2	2.6	2.3
	31	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.5	4.5	4.0	3.3	2.6

2. Cooling Capacity of Indoor Unit

● S-73MF3E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		7.3 kW AIR FLOW RATE : 21.0 m³/min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1
	21	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	3.2	2.1
	23	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1
	27	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1
15		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2
	21	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.2	2.2
	23	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	3.3	2.2
	25	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2
	27	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2
16		TC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.3	2.3
	21	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.8	2.3
	23	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	3.3	2.3
	25	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	3.3	2.3
	27	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.3	2.3
17		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	3.4	2.4
	21	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	2.4	2.0
	23	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	3.2	2.4
	25	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	3.4	2.4
	27	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	3.4	2.4
18		TC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.1	3.5	2.5
	21	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.0	2.0	1.6
	23	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.8	2.7	2.4
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.6	3.5	2.5
	27	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.4	3.5	2.5
19		TC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.2	3.6	2.6
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.5	1.5	1.2
	23	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.3	2.3	2.0
	25	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.1	3.1	2.6
	27	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	4.9	3.6	2.6
20		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	6.3	3.8	2.8
	23	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.8	1.9	1.6
	25	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.6	2.7	2.4
	27	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.4	3.5	2.8
	29	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.2	3.8	2.8
21		TC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	6.4	3.9	2.9
	23	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.9	2.4	1.5
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.7	3.2	2.3
	27	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.5	4.0	3.1
	29	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.3	4.7	3.8
22		TC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	6.5	4.0	3.0
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	2.7	1.9
	27	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	3.5	2.6
	29	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.9	4.3	3.4
	31	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.7	5.1	4.0
23		TC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1	8.8	8.5	8.3	6.6	4.2
	25	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	2.9	2.8	2.3	1.5
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.7	3.6	3.0	2.2
	29	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.5	4.4	3.8	3.0
	31	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.3	5.2	4.6	3.8

2. Cooling Capacity of Indoor Unit

● S-90MF3E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:			9.0 kW		AIR FLOW RATE : 25.0 m³/min																
EVAPORATOR			CONDENSER																		
AIR INTAKE TEMP			AMBIENT TEMP. (°C)																		
W.B.	D.B.			15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	3.9	2.6
	21	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	3.9	2.6
	23	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	3.9	2.6
	25	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	3.9	2.6
	27	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	3.9	2.6
15		TC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5	4.0	2.7
	21	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	3.9	2.7
	23	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	4.0	2.7
	25	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5	4.0	2.7
	27	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5	4.0	2.7
16		TC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	4.1	2.8
	21	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	3.4	2.8
	23	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	4.1	2.8
	25	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	4.1	2.8
	27	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	4.1	2.8
	29	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	4.1
17		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.5	4.2	3.0
	21	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	2.9	2.4
	23	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.2	3.8	3.0
	25	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.2	4.2	3.0
	27	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.2	4.2	3.0
	29	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.5	4.2
18		TC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	7.6	4.4	3.1
	21	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.7	2.4	1.9
	23	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.7	3.4	2.8
	25	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.6	4.3	3.1
	27	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.6	4.4	3.1
	29	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.6	4.4	3.1
	31	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	7.6	4.4	3.1
19		TC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	7.7	4.5	3.2
	21	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	1.9	1.4
	23	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.1	2.8	2.3
	25	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.0	3.8	3.2
	27	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.0	4.5	3.2
	29	SHC	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.0	4.5	3.2
	31	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	7.7	4.5	3.2
20		TC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.5	7.7	4.6	3.4
	23	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.4	2.3	1.9
	25	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	4.4	3.2	2.8
	27	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.4	4.2	3.4
	29	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.3	4.6	3.4
	31	SHC	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.0	7.3	4.6	3.4
21		TC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.1	9.7	7.9	4.8	3.6
	23	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.6	2.9	1.8	1.4
	25	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.5	3.9	2.8	2.3
	27	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.5	4.8	3.7	3.3
	29	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.5	5.8	4.7	3.6
	31	SHC	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.6	7.5	6.8	4.8
22		TC	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.6	10.3	9.9	8.0	5.0	3.8
	25	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	4.0	3.3	2.3	1.9
	27	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.1	4.9	4.2	3.2	2.8
	29	SHC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.1	5.9	5.2	4.2	3.8
	31	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.0	6.9	6.2	5.0	3.8
23		TC	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.2	10.8	10.5	10.2	8.1	5.1	3.9
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.6	3.5	3.5	2.7	1.7	1.4
	27	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.6	4.5	4.4	3.7	2.7	2.3
	29	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.5	5.4	4.6	3.6	3.3
	31	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7	6.6	6.5	6.3	5.6	4.6	3.9

2. Cooling Capacity of Indoor Unit

● S-106MF3E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		10.6 kW AIR FLOW RATE : 32.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1	
	21	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	4.6	3.1	
	23	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1	
	25	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1	
	27	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1	
15		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	4.7	3.2	
	21	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	4.7	3.2	
	23	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	4.7	3.2	
	25	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	4.7	3.2
	27	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	4.7	3.2
16		TC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	4.9	3.3	
	21	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	4.4	3.3	
	23	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	4.9	3.3	
	25	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	4.9	3.3	
	27	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	4.9	3.3
	29	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	4.9	3.3
17		TC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.8	5.0	3.5	
	21	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.3	3.7	3.2	
	23	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.5	5.0	3.5	
	25	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.8	5.0	3.5
	27	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.8	5.0	3.5
	29	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.8	5.0	3.5
18		TC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	8.9	5.1	3.6	
	21	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.5	3.1	2.5	
	23	SHC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	5.8	4.3	3.6	
	25	SHC	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.0	5.1	3.6
	27	SHC	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.2	5.1	3.6
	29	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	8.9	5.1	3.6
	31	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	8.9	5.1	3.6
19		TC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	9.0	5.3	3.8	
	21	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.8	2.4	1.9	
	23	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.0	3.7	3.1	
	25	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.3	4.9	3.8
	27	SHC	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	7.5	5.3	3.8
	29	SHC	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	8.8	5.3	3.8
	31	SHC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	9.0	5.3	3.8
20		TC	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	9.1	5.5	4.0	
	23	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	4.3	3.0	2.5
	25	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.5	4.2	3.7
	27	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	6.8	5.4	4.0
	29	SHC	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.0	5.5	4.0
	31	SHC	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	9.1	5.5	4.0
21		TC	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.8	11.5	9.3	5.6	4.2
	23	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.4	3.7	2.4	1.9	
	25	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.8	5.7	4.9	3.6	3.1
	27	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.9	6.1	4.8	4.2
	29	SHC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	7.3	5.6	4.2
	31	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.5	9.4	8.5	5.6	4.2
22		TC	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.5	12.1	11.7	9.4	5.8	4.4
	25	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.1	5.0	4.1	2.9	2.5
	27	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.3	6.2	5.4	4.1	3.7
	29	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	7.6	7.4	6.6	5.4	4.4
	31	SHC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.9	8.8	8.6	7.8	5.8	4.4
23		TC	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.2	12.8	12.4	12.0	9.6	6.1	4.6
	25	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.5	4.4	4.3	3.5	2.4	1.9
	27	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	5.8	5.6	5.5	4.7	3.5	3.1
	29	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.0	6.8	6.7	5.9	4.8	4.3
	31	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	8.2	8.1	7.9	7.1	6.0	4.6

2. Cooling Capacity of Indoor Unit

● S-140MF3E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		14.0 kW AIR FLOW RATE : 37.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	6.1	4.0	
	21	SHC	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	6.1	4.0	
	23	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	6.1	4.0	
	25	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	6.1	4.0
	27	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	6.1	4.0
15		TC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.2	6.3	4.2	
	21	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	6.0	4.2	
	23	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	6.3	4.2	
	25	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.2	6.3	4.2
	27	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.2	6.3	4.2
16		TC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1	6.4	4.4	
	21	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.2	5.2	4.3	
	23	SHC	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6	6.4	4.4	
	25	SHC	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	6.4	4.4	
	27	SHC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1	6.4	4.4
	29	SHC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1	6.4	4.4
17		TC	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	11.7	6.6	4.6	
	21	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.6	4.4	3.6	
	23	SHC	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.0	5.8	4.6	
	25	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.4	6.6	4.6	
	27	SHC	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	10.9	6.6	4.6	
	29	SHC	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	11.7	6.6	4.6
18		TC	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	11.8	6.8	4.8	
	21	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	5.7	3.7	2.9	
	23	SHC	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.1	5.1	4.3	
	25	SHC	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	8.6	6.5	4.8	
	27	SHC	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	9.9	6.8	4.8	
	29	SHC	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.4	6.8	4.8
	31	SHC	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	11.8	6.8	4.8	
19		TC	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	11.9	7.0	5.0	
	21	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	4.8	2.9	2.2	
	23	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.2	4.3	3.6	
	25	SHC	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	7.6	5.7	4.9	
	27	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.0	7.0	5.0	
	29	SHC	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	10.5	7.0	5.0	
	31	SHC	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	11.9	7.0	5.0	
20		TC	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.8	12.1	7.2	5.3
	23	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	5.4	3.5	2.9	
	25	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	6.8	4.9	4.3	
	27	SHC	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	8.2	6.3	5.3	
	29	SHC	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.7	9.6	7.2	5.3
	31	SHC	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.1	11.0	7.2	5.3
21		TC	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.6	15.1	12.2	7.4	5.6	
	23	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	5.6	4.5	2.8	2.2	
	25	SHC	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.3	7.0	5.9	4.2	3.6	
	27	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.7	8.5	7.3	5.6	4.9	
	29	SHC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.1	9.8	8.7	7.0	5.6	
	31	SHC	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.5	11.3	10.1	7.4	5.6	
22		TC	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.5	16.0	15.5	12.4	7.7	5.8	
	25	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.5	6.3	5.1	3.5	2.9	
	27	SHC	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.1	7.8	7.7	6.5	4.8	4.2	
	29	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.4	9.3	9.1	7.9	6.2	5.6	
	31	SHC	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9	10.6	10.5	9.3	7.6	5.8	
23		TC	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.4	16.9	16.3	15.8	12.6	8.0	6.1	
	25	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.8	5.6	5.4	4.3	2.8	2.2	
	27	SHC	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.4	7.2	7.0	6.8	5.7	4.1	3.6	
	29	SHC	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.6	8.4	8.2	7.0	5.5	4.9	
	31	SHC	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.2	10.0	9.8	9.6	8.5	6.9	6.1	

2. Cooling Capacity of Indoor Unit

● S-160MF3E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		16.0 kW AIR FLOW RATE : 40.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	7.0	4.6
	21	SHC	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	7.0	4.6
	23	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	7.0	4.6
	25	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	7.0	4.6
	27	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	7.0	4.6
15		TC	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.6	7.2	4.8
	21	SHC	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.5	6.5	4.8
	23	SHC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.1	7.2	4.8
	25	SHC	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.6	7.2	4.8
	27	SHC	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.6	7.2	4.8
16		TC	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.7	7.3	5.0
	21	SHC	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.0	5.6	4.7
	23	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	7.2	5.0
	25	SHC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1	7.3	5.0
	27	SHC	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	7.3	5.0
	29	SHC	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	7.3	5.0
17		TC	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.3	7.5	5.2
	21	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.3	4.8	3.9
	23	SHC	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	8.8	6.3	5.2
	25	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.4	7.5	5.2
	27	SHC	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	11.9	7.5	5.2
	29	SHC	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.3	7.5	5.2
18		TC	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	13.5	7.7	5.5
	21	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.3	4.0	3.1
	23	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	7.9	5.5	4.6
	25	SHC	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.4	7.0	5.5
	27	SHC	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.0	7.7	5.5
	29	SHC	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	12.5	7.7	5.5
	31	SHC	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	13.5	7.7	5.5
19		TC	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	13.6	8.0	5.8
	21	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.3	3.2	2.3
	23	SHC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.9	4.7	3.9
	25	SHC	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	8.5	6.2	5.4
	27	SHC	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.0	7.7	5.8
	29	SHC	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	11.5	8.0	5.8
	31	SHC	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	13.1	8.0	5.8
20		TC	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	16.9	13.8	8.2	6.0
	23	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.0	3.8	3.1
	25	SHC	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8	7.5	5.4	4.6
	27	SHC	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.3	9.1	6.8	6.0
	29	SHC	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9	10.6	8.2	6.0
	31	SHC	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.4	12.1	8.2
21		TC	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	17.9	17.3	14.0	8.5	6.4
	23	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.4	5.1	3.1	2.3
	25	SHC	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.1	7.9	6.6	4.6	3.8
	27	SHC	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.4	8.1	6.1	5.4
	29	SHC	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.2	10.9	9.6	7.6	6.4
	31	SHC	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.7	12.5	11.2	8.5	6.4
22		TC	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	18.9	18.3	17.7	14.2	8.8	6.7
	25	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.2	7.0	5.7	3.8	3.1
	27	SHC	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.0	8.7	8.5	7.2	5.3	4.6
	29	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.5	10.3	10.0	8.7	6.8	6.1
	31	SHC	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.0	11.8	11.6	10.2	8.3	6.7
23		TC	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	19.9	19.3	18.7	18.1	14.4	9.1	7.0
	25	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.7	6.5	6.3	6.0	4.7	3.0	2.3
	27	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.3	8.0	7.8	7.6	6.3	4.4	3.8
	29	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.8	9.6	9.3	9.1	7.8	6.0	5.3
	31	SHC	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.3	11.1	10.9	10.6	9.3	7.4	6.8

2. Cooling Capacity of Indoor Unit

2-6. Low Silhouette Ducted (Type F2)

● S-15MF2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		1.5 kW AIR FLOW RATE : 14.0 m ³ /min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4
	27	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4
15		TC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5
	27	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5
16		TC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5
	27	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5
17		TC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5
	27	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5
18		TC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.5
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5
	27	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5
19		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.7	0.5
	21	SHC	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.4	0.4
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.7	0.5
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.7	0.5
20		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.8	0.6
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.6
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.8	0.6
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.8	0.6
	29	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.8	0.6
21		TC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.8	0.6
	23	SHC	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.4	0.3
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.8	0.6
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.8	0.6
	29	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.8	0.6
22		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.3	0.8	0.6
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.6
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.8	0.6
	29	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.3	0.8	0.6
	31	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.3	0.8	0.6
23		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.4	0.9	0.7
	25	SHC	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.4	0.4
	27	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.9	0.7
	29	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.4	0.9	0.7
	31	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.4	0.9	0.7

2. Cooling Capacity of Indoor Unit

● S-22MF2E5A

Power supply : 220-230-240V 1phase-50Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.2 kW AIR FLOW RATE : 14.0 m³/min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
15		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7
16		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.0	0.7
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7
17		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.7
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7
18		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.8	0.7
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.1	0.8
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8
19		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.1	0.8
	21	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.5	0.4
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	1.1	0.8
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.1	0.8
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.1	0.8
20		TC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.1	0.8
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.8	0.7
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.1	0.8
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.1	0.8
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.1	0.8
21		TC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.9	1.2	0.9
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5	0.4
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	1.0	0.9
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.2	0.9
	29	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.9	1.2	0.9
22		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.0	1.2	0.9
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.8	0.6
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.2	0.9
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.2	0.9
	31	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.0	1.2	0.9
23		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.5	2.0	1.3	1.0
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.7	0.5	0.4
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.2	1.0	0.9
	29	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.7	1.3	1.0
	31	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.0	1.3	1.0

2. Cooling Capacity of Indoor Unit

● S-28MF2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.8 kW AIR FLOW RATE : 14.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
15		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
16		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.3	0.9	
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
17		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9	
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.2	0.9	
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.3	0.9	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9
	29	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9
18		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.9	0.8	
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.4	1.0	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.4	1.0
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0
	29	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0
	31	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0
19		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.4	1.0	
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.6	0.5	
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.2	1.0	
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.4	1.0
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.4	1.4	1.0
	29	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.4	1.0
20		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.4	1.1	
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	0.9	0.8	
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.4	1.1	
	27	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	1.4	1.1
	29	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.4	1.1
	31	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.4	1.1
21		TC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.4	1.5	1.1
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.6	0.5	
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	1.1	1.0
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.5	1.1
	29	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.4	1.5	1.1
	31	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.4	1.5
22		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	2.5	1.5	1.2	
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.2	0.9	0.8	
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.7	1.4	1.2	
	29	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.2	1.5	1.2
	31	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.5	1.5	1.2
23		TC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.2	2.5	1.6	1.2	
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.9	0.6	0.5	
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.1	1.0
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.9	1.6	1.2
	31	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.4	1.6	1.2

2. Cooling Capacity of Indoor Unit

● S-36MF2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		3.6 kW AIR FLOW RATE : 14.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
15		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.6	1.1	
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
16		TC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
	21	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.6	1.1	
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
	29	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
17		TC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2	
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.5	1.2	
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.7	1.2	
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2	
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2	
	29	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2	
18		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2	
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.2	1.1	
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.7	1.2	
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	1.7	1.2
	27	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2	
	29	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2	
	31	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2	
19		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	1.8	1.3	
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.0	0.8	
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.5	1.3	
	25	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.5	1.8	1.3	
	27	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.0	1.8	1.3	
	29	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	1.8	1.3	
	31	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	1.8	1.3	
20		TC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.1	1.9	1.4	
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.2	1.1	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	1.8	1.4	
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7	1.9	1.4	
	29	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.1	1.9	1.4	
	31	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.1	1.9	1.4	
21		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.1	1.9	1.4	
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	0.9	0.8	
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.5	1.3	
	27	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.4	1.9	1.4
	29	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	2.9	1.9	1.4
	31	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.1	1.9	1.4	
22		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	3.2	2.0	1.5	
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.6	1.2	1.1	
	27	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.1	1.7	1.5	
	29	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.6	2.0	1.5	
	31	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.2	2.0	1.5	
23		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.3	4.1	3.2	2.1	1.6	
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.6	1.6	1.3	0.9	0.8	
	27	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	1.8	1.5	1.3	
	29	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.3	2.0	1.6	
	31	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.1	2.9	2.1	1.6	

2. Cooling Capacity of Indoor Unit

● S-45MF2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		4.5 kW		AIR FLOW RATE : 14.0 m³/min																
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3
15		TC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.0	1.4
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4
16		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.0	1.4
	23	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.1	1.4
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4
17		TC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.1	1.5
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.7	1.4
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.1	1.5
	25	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.1	1.5
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.1	1.5
18		TC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.2	1.5
	21	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.4
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.5	1.9
	25	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.2
	27	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.6	2.2
19		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.8	2.2
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.1
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2	1.6
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7	2.1
	27	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.3	2.2
20		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	3.9	2.3
	23	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.3
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.9
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.0	2.3
	29	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.5	2.3
21		TC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	2.4	1.8
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.6	1.1
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.1
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.6	2.1
	29	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.2	2.4
22		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.1	4.0	2.5
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	1.8	1.3
	27	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.3	1.8
	29	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	2.9	2.4
	31	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.4	2.5
23		TC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.1	4.1	2.6	2.0
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.9	1.5	1.1	0.9
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.4	2.1	1.6	1.4
	29	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.9	2.6	2.1	1.9
	31	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.4	3.1	2.6

2. Cooling Capacity of Indoor Unit

● S-56MF2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		5.6 kW AIR FLOW RATE : 16.0 m³/min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
	21	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.4	1.6
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
15		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7
	21	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.5	1.7
	23	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.5	1.7
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7
16		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8
	21	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.3	1.8
	23	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	2.6	1.8
	25	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	2.6	1.8
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8
17		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7	2.6	1.8
	21	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.0	1.7
	23	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	2.6	1.8
	25	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	2.6	1.8
	27	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	2.6	1.8
18		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.7	2.7	1.9
	21	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.5	1.7	1.4
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.1	2.3	1.9
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.7	2.7	1.9
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.3	2.7	1.9
19		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	4.8	2.8	2.0
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.4	1.1
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7	2.0	1.7
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.3	2.6	2.0
	27	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.9	2.8	2.0
20		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.8	2.9	2.1
	23	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.7	1.4
	25	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	2.3	2.0
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.6	2.9	2.1
	29	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.2	2.9	2.1
21		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	4.9	3.0	2.2
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.0	1.3	1.1
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.6	1.9	1.7
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.2	2.5	2.2
	29	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.8	3.0	2.2
22		TC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.3	5.0	3.1	2.3
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.3	1.6	1.4
	27	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.3	2.9	2.2	2.0
	29	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.9	3.5	2.8	2.3
	31	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.5	4.1	3.1	2.3
23		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.7	6.4	5.1	3.2	2.4
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.4	1.9	1.3	1.1
	27	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	2.5	1.9	1.7
	29	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.1	2.5	2.3
	31	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.2	3.7	3.1	2.4

2. Cooling Capacity of Indoor Unit

● S-60MF2E5A

Power supply : 220-230-240V 1phase-50Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:			6.0 kW AIR FLOW RATE : 21.0 m³/min																	
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.6	1.7
	21	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.6	1.7
	23	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.6	1.7
	25	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.6	1.7
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.6	1.7
15		TC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	2.7	1.8
	21	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.7	1.8
	23	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	2.7	1.8
	25	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	2.7	1.8
	27	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	2.7	1.8
16		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.7	1.9
	21	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.7	1.9
	23	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	2.7	1.9
	25	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.7	1.9
	27	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.7	1.9
17		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.0	2.8	2.0
	21	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	2.4	2.0
	23	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	2.8	2.0
	25	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	2.8	2.0
	27	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.0	2.8	2.0
18		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.0	2.9	2.1
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.0	1.7
	23	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.6	2.8	2.1
	25	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.4	2.9	2.1
	27	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.0	2.9	2.1
19		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.1	3.0	2.2
	21	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.4	1.6	1.3
	23	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	2.4	2.1
	25	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.0	3.0	2.2
	27	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.7	3.0	2.2
20		TC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.1	3.0	2.2
	21	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.1	3.0	2.2
	23	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.1	3.0	2.2
	25	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.1	3.0	2.2
	27	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.1	3.0	2.2
21		TC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7	5.2	3.2	2.4
	23	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.2	3.1	2.3
	25	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.2	3.1	2.3
	27	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.2	3.1	2.3
	29	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.2	3.1	2.3
22		TC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	6.8	5.3	3.3	2.5
	23	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	5.3	3.3	2.5
	25	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	5.3	3.3	2.5
	27	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	5.3	3.3	2.5
	29	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	5.3	3.3	2.5
23		TC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.2	6.8	5.4	3.4	2.6
	25	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	5.4	3.4	2.6
	27	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	5.4	3.4	2.6
	29	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	5.4	3.4	2.6
	31	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	5.4	3.4	2.6

2. Cooling Capacity of Indoor Unit

● S-73MF2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		7.3 kW AIR FLOW RATE : 21.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1	
	21	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	3.2	2.1	
	23	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1	
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1	
	27	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1	
15		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2	
	21	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.2	2.2	
	23	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	3.3	2.2	
	25	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2	
	27	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2	
16		TC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.3	2.3	
	21	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	2.7	2.3	
	23	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	3.3	2.3	
	25	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	3.3	2.3	
	27	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.3	2.3	
	29	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.3	2.3	
17		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	3.4	2.4	
	21	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	2.3	1.9	
	23	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.1	2.4	
	25	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	3.4	2.4	
	27	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	3.4	2.4	
	29	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	3.4	2.4	
18		TC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.1	3.5	2.5	
	21	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.0	1.9	1.5	
	23	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.7	2.7	2.3	
	25	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.5	3.5	2.5	
	27	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.3	3.5	2.5	
	29	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.1	3.5	2.5	
	31	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.1	3.5	2.5	
19		TC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.2	3.6	2.6	
	21	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.5	1.5	1.1	
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.3	2.3	1.9	
	25	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.0	3.0	2.6	
	27	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	4.9	3.6	2.6	
	29	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.6	3.6	2.6	
20		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	6.3	3.8	2.8	
	23	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.8	1.9	1.5	
	25	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.6	2.6	2.3	
	27	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.4	3.4	2.8	
	29	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.2	3.8	2.8	
	31	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	5.9	3.8	2.8	
21		TC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.2	6.4	3.9	2.9	
	23	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.4	1.5	1.1	
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.1	2.2	1.9
	27	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	3.9	3.0	2.7
	29	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	4.7	3.8	2.9	
	31	SHC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	5.5	3.9	2.9
22		TC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.6	8.2	6.5	4.0	3.0	
	25	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.3	2.7	1.8	1.5
	27	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	3.4	2.6	2.2
	29	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.9	4.2	3.3	3.0
	31	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.8	5.6	5.0	4.0	3.0
23		TC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1	8.8	8.3	6.6	4.2	3.2	
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.8	2.2	1.4	1.1	
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.6	3.0	2.2	1.9
	29	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.5	4.4	3.8	2.9	2.6
	31	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.3	5.2	4.5	3.7	3.2

2. Cooling Capacity of Indoor Unit

● S-90MF2E5A

Power supply : 220-230-240V 1phase-50Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		9.0 kW AIR FLOW RATE : 25.0 m³/min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	3.9	2.6
	21	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	3.9	2.6
	23	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	3.9	2.6
	25	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	3.9	2.6
	27	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	3.9	2.6
15		TC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5	4.0	2.7
	21	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	3.8	2.7
	23	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	4.0	2.7
	25	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5	4.0	2.7
	27	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5	4.0	2.7
16		TC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	4.1	2.8
	21	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	3.4	2.8
	23	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	4.1	2.8
	25	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5	4.1	2.8
	27	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	4.1	2.8
17		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.5	4.2	3.0
	21	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	2.8	2.4
	23	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	3.8	3.0
	25	SHC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.1	4.2	3.0
	27	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	4.2	3.0
18		TC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	7.6	4.4	3.1
	21	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.7	2.4	1.9
	23	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.6	3.3	2.8
	25	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.5	4.2	3.1
	27	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.5	4.4	3.1
19		TC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	7.7	4.5	3.2
	21	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	1.8	1.4
	23	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.0	2.8	2.3
	25	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	4.9	3.7	3.2
	27	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.9	4.5	3.2
20		TC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	7.7	4.6	3.4
	23	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.4	2.2	1.8
	25	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.3	3.2	2.8
	27	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.3	4.1	3.4
	29	SHC	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.2	4.6	3.4
21		TC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.1	7.9	4.8	3.6
	23	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	2.9	1.8	1.4
	25	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	3.8	2.7	2.3
	27	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	4.7	3.6	3.2
	29	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	5.7	4.6	3.6
22		TC	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.6	10.1	8.0	5.0	3.8
	25	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	3.3	2.2	1.8
	27	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.0	4.2	3.1	2.7
	29	SHC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.1	5.9	5.1	4.1	3.7
	31	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.8	6.0	5.0	3.8
23		TC	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.2	10.8	10.2	8.1	5.1	3.9
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.7	3.5	2.7	1.7	1.4
	27	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.6	4.4	3.6	2.6	2.3
	29	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.5	5.3	4.6	3.5	3.2
	31	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.5	6.2	5.5	4.5

2. Cooling Capacity of Indoor Unit

● S-106MF2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		10.6 kW AIR FLOW RATE : 32.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1	
	21	SHC	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	4.6	3.1	
	23	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1	
	25	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1	
	27	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	4.6	3.1	
15		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	4.7	3.2	
	21	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5	4.7	3.2	
	23	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	4.7	3.2	
	25	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	4.7	3.2	
	27	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	4.7	3.2	
16		TC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	4.9	3.3	
	21	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	4.6	3.3	
	23	SHC	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.3	4.9	3.3	
	25	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	4.9	3.3	
	27	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	4.9	3.3	
17		TC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.8	5.0	3.5	
	21	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.5	3.9	3.4	
	23	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.7	5.0	3.5	
	25	SHC	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.0	5.0	3.5	
	27	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.8	5.0	3.5	
18		TC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	8.9	5.1	3.6	
	21	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.7	3.3	2.7	
	23	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.0	4.5	3.6	
	25	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.2	5.1	3.6	
	27	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.4	5.1	3.6	
19		TC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	9.0	5.3	3.8	
	21	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.0	2.6	2.1	
	23	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.3	3.9	3.3	
	25	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.5	5.1	3.8	
	27	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	7.7	5.3	3.8	
20		TC	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	9.1	5.5	4.0	
	23	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	4.6	3.2	2.8	
	25	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	5.8	4.5	3.9	
	27	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.0	5.5	4.0	
	29	SHC	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	8.2	5.5	4.0	
21		TC	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9	9.3	5.6	4.2	
	23	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.9	2.6	2.1
	25	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.1	3.8	3.3	
	27	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.3	5.0	4.2	
	29	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	7.5	5.6	4.2	
22		TC	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.5	11.9	9.4	5.8	4.4	
	25	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.2	4.4	3.2	2.7	
	27	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7	6.4	5.6	4.4	3.9
	29	SHC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.7	6.8	5.6	4.4
	31	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1	8.9	8.0	5.8	4.4
23		TC	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.2	12.8	12.0	9.6	6.1	4.6	
	25	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.8	4.5	3.7	2.6	2.1	
	27	SHC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.1	6.0	5.7	4.9	3.8	3.3	
	29	SHC	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.3	7.2	6.9	6.1	5.0	4.5	
	31	SHC	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.4	8.2	7.4	6.1	4.6	4.6	

2. Cooling Capacity of Indoor Unit

● S-140MF2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		14.0 kW AIR FLOW RATE : 34.0 m³/min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	6.1	4.0
	21	SHC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.1	4.0
	23	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	6.1	4.0
	25	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	6.1	4.0
	27	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	6.1	4.0
15		TC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.2	6.3	4.2
	21	SHC	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.6	5.8	4.2
	23	SHC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.9	6.3	4.2
	25	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.2	6.3	4.2
	27	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.2	6.3	4.2
16		TC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1	6.4	4.4
	21	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.2	5.1	4.3
	23	SHC	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.5	6.4	4.4
	25	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.8	6.4	4.4
	27	SHC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1	6.4	4.4
17		TC	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	11.7	6.6	4.6
	21	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.6	4.4	3.6
	23	SHC	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.9	5.7	4.6
	25	SHC	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.2	6.6	4.6
	27	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	6.6	4.6
18		TC	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	11.8	6.8	4.8
	21	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	5.7	3.7	2.9
	23	SHC	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.1	5.0	4.2
	25	SHC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.4	6.3	4.8
	27	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	9.7	6.8	4.8
19		TC	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	11.9	7.0	5.0
	21	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	4.9	3.0	2.3
	23	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.3	4.3	3.6
	25	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	7.6	5.6	4.8
	27	SHC	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	8.9	6.9	5.0
20		TC	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	12.1	7.2	5.3
	23	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	5.5	3.6	3.0
	25	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	6.8	4.9	4.2
	27	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	8.1	6.2	5.3
	29	SHC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	9.4	7.2	5.3
21		TC	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.7	12.2	7.4	5.6
	23	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	4.6	2.9	2.3
	25	SHC	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.3	5.9	4.2	3.6
	27	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.7	7.2	5.5	4.8
	29	SHC	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.0	8.5	6.8	5.6
22		TC	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.5	15.8	12.4	7.7	5.8
	25	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.8	6.5	5.2	3.5	2.9
	27	SHC	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.1	7.8	6.5	4.8	4.2
	29	SHC	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.4	9.1	7.8	6.1	5.5
	31	SHC	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.7	10.4	9.1	7.4	5.8
23		TC	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.4	16.9	15.9	12.6	8.0	6.1
	25	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.2	6.0	5.6	4.4	2.9	2.3
	27	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.3	6.9	5.7	4.2	3.6
	29	SHC	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.6	8.2	7.0	5.4	4.8
	31	SHC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.1	9.9	9.5	8.3	6.7	6.1

2. Cooling Capacity of Indoor Unit

● S-160MF2E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		16.0 kW AIR FLOW RATE : 36.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	7.0	4.6
	21	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.7	7.0	4.6	
	23	SHC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.1	7.0	4.6	
	25	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	7.0	4.6	
	27	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	7.0	4.6
15		TC	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.6	7.2	4.8
	21	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.3	6.3	4.8	
	23	SHC	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.7	7.2	4.8	
	25	SHC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1	7.2	4.8	
	27	SHC	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.6	7.2	4.8
16		TC	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.7	7.3	5.0
	21	SHC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	5.4	4.5	
	23	SHC	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.3	6.8	5.0	
	25	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	7.3	5.0	
	27	SHC	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.1	7.3	5.0
	29	SHC	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.7	7.3	5.0
17		TC	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.3	7.5	5.2
	21	SHC	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.2	4.7	3.7	
	23	SHC	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.6	6.1	5.1
	25	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.0	7.4	5.2
	27	SHC	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.4	7.5	5.2
	29	SHC	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	12.8	7.5	5.2
18		TC	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	13.5	7.7	5.5
	21	SHC	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.4	3.9	3.1	
	23	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	7.8	5.3	4.5	
	25	SHC	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.2	6.7	5.5
	27	SHC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	10.6	7.7	5.5
	29	SHC	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	11.9	7.7	5.5
	31	SHC	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	13.4	7.7	5.5
19		TC	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	13.6	8.0	5.8
	21	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	5.5	3.2	2.4	
	23	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	6.9	4.6	3.8	
	25	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	8.3	6.0	5.1
	27	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	9.6	7.4	5.8
	29	SHC	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	11.0	8.0	5.8
20		TC	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	13.8	8.2	6.0
	23	SHC	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	6.0	3.9	3.1	
	25	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	7.4	5.2	4.4	
	27	SHC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	8.8	6.6	5.8
	29	SHC	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	10.1	7.9	6.0
	31	SHC	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	11.5	8.2	6.0
21		TC	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	17.9	14.0	8.5	6.4
	23	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7	5.2	3.1	2.4
	25	SHC	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.1	6.5	4.5	3.8
	27	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.5	7.9	5.9	5.1
	29	SHC	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9	9.3	7.2	6.4
	31	SHC	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.3	10.7	8.5	6.4
22		TC	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	18.9	18.0	14.2	8.8	6.7
	25	SHC	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.5	7.2	5.7	3.8	3.1
	27	SHC	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	8.9	8.6	7.1	5.1	4.4
	29	SHC	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.3	9.9	8.5	6.5	5.8
	31	SHC	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.7	11.3	9.8	7.9	6.7
23		TC	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	19.9	19.3	18.2	14.4	9.1	7.0
	25	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.9	6.7	6.2	4.9	3.0	2.4
	27	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.3	8.1	7.6	6.2	4.4	3.7
	29	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.7	9.5	9.0	7.6	5.8	5.1
	31	SHC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1	10.9	10.4	9.0	7.1	6.4

2. Cooling Capacity of Indoor Unit

2-7. High Static Pressure Ducted (Type E2)

● S-180ME2E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		18.0 kW AIR FLOW RATE : 49.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9	7.9	5.2	
	21	SHC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	7.9	5.2	
	23	SHC	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9	7.9	5.2
	25	SHC	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9	7.9	5.2
	27	SHC	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9	7.9	5.2
15		TC	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.1	8.0	5.4	
	21	SHC	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.9	7.6	5.4	
	23	SHC	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.8	8.0	5.4	
	25	SHC	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.1	8.0	5.4	
	27	SHC	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.1	8.0	5.4	
16		TC	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.3	8.2	5.6	
	21	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	6.6	5.5	
	23	SHC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	8.2	5.6	
	25	SHC	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	8.2	5.6	
	27	SHC	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.3	8.2	5.6
17		TC	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.0	8.5	5.9
	21	SHC	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.3	5.6	4.6	
	23	SHC	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.2	7.5	5.9
	25	SHC	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.1	8.5	5.9
	27	SHC	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.0	8.5	5.9
18		TC	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	15.1	8.7	6.2
	21	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.2	4.6	3.6
	23	SHC	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.0	6.4	5.5
	25	SHC	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.0	8.3	6.2
	27	SHC	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	12.8	8.7	6.2
19		TC	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	15.3	9.0	6.5
	21	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.0	3.6	2.7
	23	SHC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	7.9	5.4	4.5
	25	SHC	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	9.8	7.3	6.4
	27	SHC	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	11.6	9.0	6.5
20		TC	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	15.5	9.3	6.8
	23	SHC	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	6.7	4.4	3.5
	25	SHC	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	8.6	6.3	5.4
	27	SHC	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	10.5	8.2	6.8
	29	SHC	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	12.4	9.3	6.8
21		TC	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.2	15.7	9.6	7.1	
	23	SHC	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.4	5.6	3.4	2.6
	25	SHC	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.3	7.5	5.3	4.5
	27	SHC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	9.3	7.1	6.3
	29	SHC	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0	11.2	9.0	7.1
22		TC	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.2	20.3	16.0	9.9	7.5
	25	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	8.0	6.4	4.3	3.5
	27	SHC	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.3	9.9	8.3	6.2	5.4
	29	SHC	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.1	11.8	10.1	8.0	7.2
	31	SHC	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.0	13.7	12.0	9.8	7.5
23		TC	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.4	21.7	20.4	16.2	10.3	7.9	
	25	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.3	6.8	5.3	3.4	2.6	
	27	SHC	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.4	9.1	8.7	7.1	5.2	4.4	
	29	SHC	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.2	11.0	10.5	9.0	7.0	6.2	
	31	SHC	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.1	12.8	12.4	10.8	8.9	7.9

2. Cooling Capacity of Indoor Unit

● S-224ME2E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		22.4 kW AIR FLOW RATE : 56.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.8	9.8	6.5	
	21	SHC	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	9.8	6.5	
	23	SHC	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.7	9.8	6.5	
	25	SHC	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.8	9.8	6.5	
	27	SHC	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.8	9.8	6.5	
15		TC	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.3	10.0	6.7	
	21	SHC	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	9.0	6.7	
	23	SHC	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	10.0	6.7	
	25	SHC	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	10.0	6.7	
	27	SHC	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.3	10.0	6.7	
16		TC	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.7	10.3	7.0	
	21	SHC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1	7.8	6.5	
	23	SHC	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.2	9.9	7.0	
	25	SHC	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.4	10.3	7.0	
	27	SHC	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.6	10.3	7.0	
	29	SHC	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.7	10.3	7.0	
17		TC	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	18.7	10.5	7.3	
	21	SHC	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.1	6.6	5.3	
	23	SHC	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.2	8.7	7.3	
	25	SHC	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.5	10.5	7.3
	27	SHC	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.7	10.5	7.3	
	29	SHC	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	18.7	10.5	7.3	
18		TC	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	18.8	10.8	7.7	
	21	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	8.7	5.4	4.2	
	23	SHC	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	10.9	7.5	6.4	
	25	SHC	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	13.0	9.7	7.7	
	27	SHC	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	15.3	10.8	7.7	
	29	SHC	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	17.4	10.8	7.7	
	31	SHC	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	18.8	10.8	7.7	
19		TC	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	19.0	11.2	8.1	
	21	SHC	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	7.4	4.3	3.1	
	23	SHC	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	9.5	6.4	5.3	
	25	SHC	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	11.7	8.6	7.4	
	27	SHC	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	13.8	10.7	8.1	
	29	SHC	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	16.0	11.2	8.1	
20		TC	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	19.3	11.5	8.5	
	23	SHC	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	8.2	5.3	4.2	
	25	SHC	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.3	12.3	12.3	12.3	10.3	7.4	6.3	
	27	SHC	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	12.5	9.5	8.4	
	29	SHC	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	14.7	11.5	8.5	
	31	SHC	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	16.8	11.5	8.5	
21		TC	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.1	19.6	11.9	8.9	
	23	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1	6.9	4.1	3.1	
	25	SHC	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.2	9.1	6.2	5.2	
	27	SHC	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.4	11.2	8.4	7.3	
	29	SHC	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.5	13.3	10.4	8.9	
	31	SHC	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.7	15.4	11.9	8.9	
22		TC	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.4	25.2	19.9	12.3	9.3	
	25	SHC	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.3	9.8	7.8	5.1	4.2	
	27	SHC	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.4	11.9	9.9	7.2	6.2	
	29	SHC	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.5	14.1	12.0	9.3	8.4	
	31	SHC	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.7	16.2	14.2	11.4	9.3	
23		TC	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	27.9	27.0	25.4	20.2	12.8	9.8	
	25	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.5	9.3	9.0	8.4	6.5	4.0	3.1	
	27	SHC	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.5	11.1	10.5	8.6	6.1	5.2	
	29	SHC	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.6	13.2	12.7	10.7	8.3	7.3
	31	SHC	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.8	15.4	14.8	12.9	10.3	9.4	

2. Cooling Capacity of Indoor Unit

● S-280ME2E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		28.0 kW AIR FLOW RATE : 72.0 m³/min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.5	12.2	8.1
	21	SHC	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	12.2	8.1
	23	SHC	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.5	12.2	8.1
	25	SHC	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.5	12.2	8.1
	27	SHC	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.5	12.2	8.1
15		TC	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.3	12.5	8.4
	21	SHC	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.5	12.0	8.4
	23	SHC	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	12.5	8.4
	25	SHC	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.2	12.5	8.4
	27	SHC	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.2	12.5	8.4
16		TC	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.2	12.8	8.8
	21	SHC	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.6	10.5	8.8
	23	SHC	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	12.8	8.8
	25	SHC	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.2	12.8	8.8
	27	SHC	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.1	12.8	8.8
17		TC	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	23.4	13.2	9.2
	21	SHC	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.3	9.0	7.4
	23	SHC	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.1	11.7	9.2
	25	SHC	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	18.9	13.2	9.2
	27	SHC	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	21.7	13.2	9.2
18		TC	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	23.5	13.6	9.6
	21	SHC	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	11.5	7.5	6.0
	23	SHC	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	14.3	10.3	8.7
	25	SHC	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	17.1	13.0	9.6
	27	SHC	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	19.9	13.6	9.6
19		TC	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	23.8	14.0	10.1
	21	SHC	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	9.8	6.1	4.6
	23	SHC	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	12.6	8.8	7.4
	25	SHC	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.4	11.5	10.1
	27	SHC	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	18.1	14.0	10.1
20		TC	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	24.1	14.4	10.6
	23	SHC	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	11.0	7.3	6.0
	25	SHC	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	13.8	10.1	8.7
	27	SHC	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	16.5	12.8	10.6
	29	SHC	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	19.3	14.4	10.6
21		TC	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	24.4	14.9	11.1
	23	SHC	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	9.3	5.9	4.6
	25	SHC	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	12.1	8.6	7.3
	27	SHC	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	14.8	11.4	10.1
	29	SHC	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.3	17.6	14.1
22		TC	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.0	31.5	24.8	15.4	11.7
	25	SHC	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.5	12.9	10.4	7.2	6.0
	27	SHC	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.3	15.6	13.1	9.9	8.7
	29	SHC	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.1	18.4	15.9	12.6	11.4
	31	SHC	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	21.8	21.1	18.6	15.3	11.7
23		TC	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	34.8	33.7	31.8	25.3	16.0	12.2
	25	SHC	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.2	11.9	11.2	8.9	5.8	4.6
	27	SHC	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.0	14.6	13.9	11.6	8.5	7.3
	29	SHC	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	17.7	17.4	16.7	14.3	11.2	10.0
	31	SHC	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.5	20.1	19.4	17.0	13.9	12.2

2. Cooling Capacity of Indoor Unit

● S-224ME2E5

Power supply : 220-230-240V 1phase-50Hz

This data is when the indoor unit connects with U-16ME2E8.

TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

RATING CAPACITY:		22.4kW		28.3 m³/min									
EVAPORATOR		CONDENSER AMBIENT TEMP.(°C)											
AIR INTAKE. TEMP													
W.B.		23	25	27	29	31	33	35	37	39	41	43	46
22	TC	7.9	8.2	8.4	8.5	8.6	8.7	9.8	11.0	12.1	13.3	14.4	12.4
	SHC	2.8	3.8	4.9	6.0	7.1	8.2	9.3	10.3	11.4	12.5	13.6	12.4
24	TC	-	12.0	12.4	12.5	12.5	12.6	12.8	12.8	12.8	13.3	14.4	13.5
	SHC	-	3.8	4.9	6.0	7.1	8.2	9.3	10.3	11.4	12.5	13.6	13.5
26	TC	-	-	16.9	16.9	17.1	17.1	17.2	17.2	17.2	17.2	16.3	14.2
	SHC	-	-	4.9	6.0	7.1	8.2	9.3	10.3	11.4	12.5	13.3	14.2
28	TC	-	-	-	22.0	22.1	22.4	21.7	20.8	19.6	18.5	17.4	14.9
	SHC	-	-	-	6.0	7.1	8.2	9.2	10.0	10.7	11.3	11.3	13.0
30	TC	-	-	-	-	23.9	23.2	22.6	21.9	20.7	19.6	18.5	15.6
	SHC	-	-	-	-	6.0	6.9	7.8	8.3	8.8	9.4	9.7	11.6
32	TC	-	-	-	-	-	24.1	23.4	22.8	22.1	21.1	19.1	16.3
	SHC	-	-	-	-	-	5.5	6.3	7.0	7.5	8.1	8.2	10.4

● S-280ME2E5

Power supply : 220-230-240V 1phase-50Hz

This data is when the indoor unit connects with U-16ME2E8.

TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

RATING CAPACITY:		28.0kW 35.0 m³/min											
EVAPORATOR		CONDENSER AMBIENT TEMP.(°C)											
AIR INTAKE. TEMP													
W.B.		23	25	27	29	31	33	35	37	39	41	43	46
22	TC	9.8	10.1	10.5	10.6	10.6	10.8	12.2	13.6	15.0	16.5	17.9	15.5
	SHC	3.6	5.1	6.5	7.9	9.3	10.8	12.2	13.6	15.0	16.5	17.9	15.5
24	TC	-	14.8	15.4	15.5	15.6	15.6	15.8	15.8	15.8	16.5	17.9	16.8
	SHC	-	5.1	6.5	7.9	9.3	10.8	12.2	13.6	15.0	16.5	17.9	16.8
26	TC	-	-	21.0	21.0	21.2	21.3	21.4	21.3	21.5	21.4	20.4	18.3
	SHC	-	-	6.5	7.9	9.3	10.8	12.2	13.6	15.0	16.5	17.5	18.3
28	TC	-	-	-	27.3	27.4	28.0	27.2	26.4	24.6	25.0	22.4	18.6
	SHC	-	-	-	7.9	9.3	10.8	12.1	13.2	13.9	15.6	16.0	16.0
30	TC	-	-	-	-	29.9	29.1	28.2	27.4	26.6	25.7	23.1	19.5
	SHC	-	-	-	-	7.9	9.1	10.0	11.0	12.0	12.8	13.1	13.9
32	TC	-	-	-	-	-	30.2	29.3	28.4	27.6	26.3	23.9	20.4
	SHC	-	-	-	-	-	7.2	8.2	9.4	10.0	10.8	11.0	12.2

2. Cooling Capacity of Indoor Unit

2-8. Slim Low Static Ducted (Type M1)

● S-15MM1E5B, S-15MM1E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		1.5 kW AIR FLOW RATE : 8.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	
	27	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	
15		TC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5	
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5	
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5	
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5	
	27	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5	
16		TC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5	
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.5	
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5	
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5	
	27	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5	
	29	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.5	
17		TC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5	
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5	
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5	
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5	
	27	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5	
	29	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5	
18		TC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5	
	21	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.6	0.5	
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.7	0.5	
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5
	27	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5
	29	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5
	31	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.5	
19		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.7	0.5	
	21	SHC	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.5	0.4	
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.7	0.5	
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.5
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.7	0.5
	29	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.7	0.5
20		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.8	0.6	
	23	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.6	0.6	
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.8	0.6	
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.8	0.6
	29	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.8	0.6
	31	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.8	0.6
21		TC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.3	0.8	0.6
	23	SHC	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.5	0.4	
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.8	0.6
	27	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.8	0.6
	29	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.8	0.6
	31	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.3	0.8	0.6
22		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.3	0.8	0.6	
	25	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.6	0.5	
	27	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.8	0.6
	29	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.8	0.6
	31	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.3	0.8	0.6
23		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.7	1.4	0.9	0.7	
	25	SHC	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.4	
	27	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.9	0.8	0.7	
	29	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.2	0.9	0.7
	31	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	0.9	0.7

2. Cooling Capacity of Indoor Unit

● S-22MM1E5B, S-22MM1E5A

Power supply : 220-230-240V 1phase-50Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.2 kW		AIR FLOW RATE : 8.0 m³/min																
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
15		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.7
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7
16		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.0	0.7
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7
17		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.7
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.7
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7
18		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.7	0.6
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.0	0.8
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.1	0.8
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.1	0.8
19		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.1	0.8
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.5
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.9	0.8
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.1	0.8
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.1	0.8
20		TC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.1	0.8
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.7	0.6
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.0	0.8
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.1	0.8
	29	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.1	0.8
21		TC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.9	1.2	0.9
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.5
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	0.9	0.7
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.1	0.9
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.2	0.9
22		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.0	1.2	0.9
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.0	0.7	0.6
	27	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	1.0	0.9
	29	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.2	0.9
	31	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.2	0.9
23		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.5	2.0	1.3	1.0
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.8	0.6	0.5
	27	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	0.9	0.8
	29	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.3	1.1	1.0
	31	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.6	1.3	1.0

2. Cooling Capacity of Indoor Unit

● S-28MM1E5B, S-28MM1E5A

Power supply : 220-230-240V 1phase-50Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.8 kW AIR FLOW RATE : 8.5 m³/min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.2	0.8
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8
15		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.8
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.3	0.8
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8
16		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.2	0.9
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.3	0.9
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9
17		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.0	0.8
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.3	0.9
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.9
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9
18		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.4	1.0
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.9	0.7
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.2	1.0
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.4
	27	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	1.4
19		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.4	1.0
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.7	0.6
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.0	0.9
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.3
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.4	1.0
20		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.4	1.1
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	0.8	0.7
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.1	1.0
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.4
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.1	1.4
21		TC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.4	1.5
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.0	0.7	0.6
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.0	0.8
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.3	1.1
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.5
22		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	2.5	1.5
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.2	0.8
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.4	1.1
	29	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	1.7	1.4
	31	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.0	1.5
23		TC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.2	2.5	1.6	1.2
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.0	0.7	0.6
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.3	1.0	0.8
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.6	1.3
	31	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.9	1.6

2. Cooling Capacity of Indoor Unit

● S-36MM1E5B, S-36MM1E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		3.6 kW		AIR FLOW RATE : 9.0 m ³ /min																																	
EVAPORATOR		CONDENSER																																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52																	
14		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0																	
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.6	1.0																	
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0																	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0																	
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0																	
15		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1																	
	21	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.6	1.1																	
	23	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.6	1.1																	
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1																	
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1																	
16		TC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1																	
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.4	1.1																	
	23	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.6	1.1																	
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1																	
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1																	
17		TC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	1.7	1.2																	
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.2	1.0																	
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.5	1.2																	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.7	1.2																	
	27	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	1.7	1.2																	
18		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	1.7	1.2																	
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.0	0.8																	
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.3	1.1																	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	1.6	1.2																	
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.5	1.7	1.2																	
19		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	1.8	1.3																	
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	0.9	0.7																	
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.2	1.0																	
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.5	1.3																	
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.3	1.8	1.3																	
20		TC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	1.9	1.4																	
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.5	1.0	0.9																	
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.8	1.3	1.2																	
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.7	1.4																	
	29	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.4	1.9	1.4																	
21		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.1	1.9																	
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.3	0.8																	
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.6	1.2																	
	27	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.5																	
	29	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.2	1.8	1.4																	
22		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	3.2	2.0																	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.4	1.0																	
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	1.7	1.3																	
	29	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.1	1.6																	
	31	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.4	1.9																	
23		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.3	4.1	3.2	2.1																	
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.5	1.2	0.9																	
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.9	1.9	1.5	1.2																	
	29	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	1.8	1.5																	
	31	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.5	2.2	1.8																	

2. Cooling Capacity of Indoor Unit

● S-45MM1E5B, S-45MM1E5A

Power supply : 220-230-240V 1phase-50Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		4.5 kW AIR FLOW RATE : 10.5 m³/min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.0	1.3
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.0	1.3
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3
15		TC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.8	1.4
	23	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.0	1.4
	25	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.0	1.4
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4
16		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.7	1.4
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.0	1.4
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.1	1.4
	27	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.1	1.4
17		TC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	2.1	1.5
	21	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.4	1.2
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.8	1.5
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.1	1.5
	27	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.1	1.5
18		TC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.8	2.2	1.5
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.3	1.0
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	1.6	1.4
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.0	1.5
	27	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.0	2.2	1.5
19		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.8	2.2	1.6
	21	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.0	0.8
	23	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.4	1.2
	25	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.4	1.8	1.6
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.8	2.1	1.6
20		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	3.9	2.3	1.7
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.8	1.2	1.0
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.2	1.6	1.4
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.6	2.0	1.7
	29	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.9	2.3	1.7
21		TC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	3.9	2.4	1.8
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.6	1.0	0.8
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.0	1.4	1.2
	27	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.3	1.8	1.6
	29	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.7	2.1	1.8
22		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.1	4.0	2.5	1.9
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	1.8	1.2	1.0
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.5	2.1	1.6	1.4
	29	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.5	2.0	1.7
	31	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	2.9	2.3	1.9
23		TC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.1	4.1	2.6	2.0
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.9	1.5	1.0	0.8
	27	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.3	1.9	1.4	1.2
	29	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.6	2.3	1.8	1.6
	31	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	2.6	2.1	1.9

2. Cooling Capacity of Indoor Unit

● S-56MM1E5B, S-56MM1E5A

Power supply : 220-230-240V 1phase-50Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		5.6 kW AIR FLOW RATE : 12.5 m³/min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
	21	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.4	1.6
	23	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.4	1.6
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
15		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.2	1.7
	23	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.5	1.7
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.5	1.7
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7
16		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8
	21	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.0	1.7
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.5	1.8
	25	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	2.6	1.8
	27	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.6	1.8
17		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7	2.6	1.8
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	1.7	1.4
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.2	1.8
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	2.6	1.8
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	2.6	1.8
18		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	2.6	1.8
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	1.7	1.4
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.2	1.8
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	2.6	1.8
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	2.6	1.8
19		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	2.6	1.8
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	1.7	1.4
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.2	1.8
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	2.6	1.8
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	2.6	1.8
20		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	2.6	1.8
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	1.7	1.4
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.2	1.8
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	2.6	1.8
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	2.6	1.8
21		TC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.1	2.7	1.9
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.1	1.3	1.0
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.6	1.7	1.4
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.0	2.2	1.9
	27	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.4	2.6	2.0
22		TC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.9	2.8	2.0
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.1	1.3	1.0
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.6	1.7	1.4
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.0	2.2	1.9
	27	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.4	2.6	2.0
23		TC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.9	2.8	2.0
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.1	1.3	1.0
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.6	1.7	1.4
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.0	2.2	1.9
	27	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.4	2.6	2.0
24		TC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.3	2.8	2.0
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.0	1.3	1.0
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.7	1.4
	25	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.9	2.1	1.9
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.3	2.6	2.2
25		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.7	3.0	2.2
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.0	1.3	1.0
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.7	1.4
	25	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.9	2.1	1.9
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.3	2.6	2.2
26		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.7	3.0	2.2
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.0	1.3	1.0
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.7	1.4
	25	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.9	2.1	1.9
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.3	2.6	2.2
27		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.7	3.0	2.2
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.0	1.3	1.0
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.7	1.4
	25	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.9	2.1	1.9
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.3	2.6	2.2
28		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.7	3.0	2.2
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.0	1.3	1.0
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.7	1.4
	25	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.9	2.1	1.9
	27	SHC	3.9	3.9	3.9	3.9	3.													

2. Cooling Capacity of Indoor Unit

2-9. Floor Console (Type G1)

● S-22MG1E5N, S-22MG1E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.2 kW		AIR FLOW RATE : 9.2 m³/min																	
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
15		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
16		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7	
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.0	0.7	
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7	
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7	
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7	
17		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7	
	21	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.9	0.7	
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7	
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7	
18		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8	
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.8	0.7	
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.1	0.8	
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.1	0.8	
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8	
19		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.1	0.8	
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.5	
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.9	0.8	
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.1	0.8	
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.1	0.8	
20		TC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.1	0.8	
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.7	0.6	
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.1	0.8	
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.1	0.8	
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.1	0.8	
21		TC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	1.9	1.2	0.9	
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.5	
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.1	0.9	0.8	
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.2	0.9	
	29	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.2	0.9	
22		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.4	2.0	1.2	0.9	
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	0.7	0.6	
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	1.1	0.9	
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.2	0.9
	31	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.0	1.2	0.9	
23		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.6	2.5	2.0	1.3	1.0	
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.5	
	27	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.1	0.9	0.8	
	29	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.4	1.2	1.0	
	31	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.8	1.3	1.0	

2. Cooling Capacity of Indoor Unit

● S-28MG1E5N, S-28MG1E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.8 kW AIR FLOW RATE : 9.2 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8
15		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.3	0.8	
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
16		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.2	0.9	
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.3	0.9	
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
17		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9	
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.9	
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.3	0.9	
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.3	0.9
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9
18		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0	
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.9	0.7	
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.2	1.0	
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.4	1.0	
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.4	1.0
19		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.4	1.0	
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.7	0.6	
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.0	0.9	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.4	1.0	
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.4	1.0
20		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.4	1.1	
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	0.8	0.7	
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.5	1.2	1.1
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.4	1.1
	29	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	1.4	1.1
21		TC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	2.4	1.5	1.1
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.0	0.7	0.5
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.3	1.0	0.9
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.7	1.4	1.1
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.0	1.5	1.1
22		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.1	2.5	1.5	1.2
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.2	0.8	0.7
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.5	1.2	1.1
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	1.8	1.5	1.2
	31	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.2	1.5	1.2
23		TC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.2	2.5	1.6	1.2	
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	0.9	0.7	0.5
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.3	1.0	0.9
	29	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.6	1.3	1.2
	31	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.0	1.6	1.2

2. Cooling Capacity of Indoor Unit

● S-36MG1E5N, S-36MG1E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		3.6 kW AIR FLOW RATE : 9.7 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	21	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.6	1.0	
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
15		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.6	1.1	
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.1	
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
16		TC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
	21	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.4	1.1	
	23	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.6	1.1	
	25	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.6	1.1	
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
	29	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
17		TC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2	
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.2	1.0	
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.6	1.2	
	25	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.7	1.2	
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.7	1.2	
	29	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2	
18		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2	
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.0	0.8	
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.4	1.2	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.7	1.2	
	27	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.6	1.7	1.2	
	29	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.0	1.7	1.2	
	31	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2	
19		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	1.8	1.3	
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.8	0.7	
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.2	1.0	
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.1	1.6	1.3	
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.8	1.3	
	29	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	1.8	1.3	
	31	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.1	1.8	1.3	
20		TC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.1	1.9	1.4	
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.5	1.0	0.9	
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.8	1.4	1.2	
	27	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2	1.7	1.4	
	29	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.6	1.9	1.4	
	31	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.9	1.9	1.4	
21		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.1	1.9	1.4	
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.2	0.8	0.7	
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.6	1.2	1.0	
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.0	1.5	1.4
	29	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.3	1.9	1.4
	31	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	2.7	1.9	1.4	
22		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	4.0	3.2	2.0	1.5	
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.4	1.0	0.8	
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	1.8	1.4	1.2	
	29	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.1	1.7	1.5	
	31	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.5	2.0	1.5	
23		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.3	4.2	4.1	3.2	2.1	1.6	
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.2	0.8	0.7	
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.5	1.2	1.0	
	29	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	1.9	1.5	1.4	
	31	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.6	2.6	2.2	1.9	1.6	

2. Cooling Capacity of Indoor Unit

● S-45MG1E5N, S-45MG1E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		4.5 kW AIR FLOW RATE : 10.5 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.0	1.3	
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
15		TC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.9	1.4	
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.0	1.4	
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
16		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.7	1.4	
	23	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.1	1.4	
	25	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.1	1.4	
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
	29	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
17		TC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.1	1.5	
	21	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.5	1.2	
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.9	1.5	
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.1	1.5	
	27	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.1	1.5	
	29	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.1	1.5	
18		TC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.2	1.5	
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.3	
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	1.4	
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.7	1.5	
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.2	1.5	
	29	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.2	1.5	
	31	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.8	2.2	1.5	
19		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.8	2.2	1.6	
	21	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.0	0.8	
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.4	1.2	
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.5	1.8	1.6
	27	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.9	2.2	1.6	
	29	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.3	2.2	1.6	
	31	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.7	2.2	1.6	
20		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	3.9	2.3	1.7	
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.8	1.2	1.0	
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.2	1.6	1.4	
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.6	2.0	1.7
	29	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	2.3	1.7	
	31	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.4	2.3	1.7	
21		TC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.9	3.9	2.4	1.8	
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.6	1.0	0.8	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.0	1.4	1.2	
	27	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.8	1.6
	29	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.8	2.2	1.8	
	31	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.2	2.4	1.8
22		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.1	5.0	4.0	2.5	1.9	
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	1.8	1.2	1.0	
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.5	2.1	1.6	1.4	
	29	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	2.9	2.5	2.0	1.8	
	31	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.3	2.9	2.4	1.9	
23		TC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.2	5.1	4.1	2.6	2.0	
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.9	1.9	1.5	1.0	0.8	
	27	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.3	2.3	1.9	1.4	1.2	
	29	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.7	2.7	2.3	1.8	1.6	
	31	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.1	3.1	2.7	2.2	2.0	

2. Cooling Capacity of Indoor Unit

● S-56MG1E5N, S-56MG1E5A

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		5.6 kW		AIR FLOW RATE : 12.0 m³/min																
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
	21	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.4	1.6
	23	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.4	1.6
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
15		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.2	1.7
	23	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.5	1.7
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.5	1.7
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7
16		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8
	21	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.0	1.7
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.4	1.8
	25	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	2.6	1.8
	27	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.6	1.8
	29	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6
17		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7	2.6	1.8
	21	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	1.7	1.4
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.2	1.8
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.6	1.8
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	2.6	1.8
	29	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	2.6
18		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.7	2.7	1.9
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.3	1.5	1.2
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	1.9	1.6
	25	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	2.4	1.9
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.7	2.7	1.9
	29	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.1	2.7	1.9
	31	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.6	2.7	1.9
19		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	4.8	2.8	2.0
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.3	1.0
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.5	1.7	1.4
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.0	2.1	1.8
	27	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.4	2.6	2.0
	29	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.9	2.8	2.0
	31	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.3	2.8	2.0
20		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	4.8	2.9	2.1
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.2	1.5	1.2
	25	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.6	1.9	1.6
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	2.4	2.1
	29	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.5	2.8	2.1
21		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	4.9	3.0	2.2
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	1.9	1.2	1.0
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.4	1.7	1.4
	27	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	2.8	2.1	1.8
	29	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.3	2.6	2.2
22		TC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.4	6.2	5.0	3.1	2.3
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.1	1.4	1.2
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.1	3.0	2.6	1.9	1.6
	29	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.5	3.0	2.3	2.1
	31	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.0	3.9	3.5	2.8	2.3
23		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.7	6.5	6.3	5.1	3.2	2.4
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.4	2.3	1.9	1.2	0.9
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.9	2.8	2.8	2.3	1.7	1.4
	29	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.2	2.7	2.1	1.8
	31	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.7	3.6	3.2	2.5	2.3

2. Cooling Capacity of Indoor Unit

2-10. 2-Way Cassette (Type L1)

● S-22ML1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.2 kW AIR FLOW RATE : 8.0 m ³ /min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
15		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.7
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7
16		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.7
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.0	0.7
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7
17		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.7
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.7
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.0	0.7
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7
18		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.8	0.6
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.1	0.8
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.1	0.8
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.1	0.8
19		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.1	0.8
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.5
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.9	0.8
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.1	0.8
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.1	0.8
20		TC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.1	0.8
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.7	0.6
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.0	0.8
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.1	0.8
	29	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.1	0.8
21		TC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.9	1.2	0.9
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.5
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	0.9	0.8
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.2	0.9
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.2	0.9
22		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.0	1.2	0.9
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.0	0.7	0.6
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.0	0.9
	29	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.6	1.2	0.9
	31	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.9	1.2	0.9
23		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.5	2.0	1.3	1.0
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.8	0.6	0.5	
	27	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.1	0.9	0.8
	29	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.4	1.2	1.0
	31	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.3	1.0

2. Cooling Capacity of Indoor Unit

● S-28ML1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.8 kW AIR FLOW RATE : 9.0 m³/min																				
EVAPORATOR		CONDENSER																				
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																				
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52		
14		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8		
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.2	0.8		
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8		
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8		
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8		
15		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8		
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.8		
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.3	0.8		
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8		
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8		
16		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9		
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.2	0.9		
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.3	0.9		
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9		
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9		
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9		
17		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9		
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.9	0.8		
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.9		
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3		
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3		
	29	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3		
18		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0	
	21	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.8	0.6	
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.1	1.0	
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.4	1.0	
	27	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	1.4	1.0	
	29	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0	
	31	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0	
19		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.4	1.0	
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.6	0.5	
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.9	0.8	
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.3	1.0
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.4	1.0	
	29	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	1.4	1.0	
20		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.4	1.1	
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	0.7	0.6	
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	1.1	1.0	
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.4	1.1	
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.1	1.4	1.1	
	31	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.4	1.4	1.1	
21		TC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.4	1.5	1.1	
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.6	0.5	
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.2	0.9	0.8	
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.6	1.2	1.1
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.5	1.1	
	31	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2	1.5	1.1	
22		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	2.5	1.5	1.2	
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.1	0.7	0.6	
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.1	1.0	
	29	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	1.7	1.4	1.2	
	31	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.0	1.5	1.2	
23		TC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.2	2.5	1.6	1.2		
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.9	0.6	0.4		
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.2	0.9	0.8	
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.5	1.2	1.1	
	31	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.8	1.5	1.1	

2. Cooling Capacity of Indoor Unit

● S-36ML1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		3.6 kW AIR FLOW RATE : 9.7 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.6	1.0	
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
15		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
	21	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.1	
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.1	
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
16		TC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.3	1.1	
	23	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.6	1.1	
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
	29	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
17		TC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2	
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.1	0.9	
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.5	1.2	
	25	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.7	1.2	
	27	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.7	1.2	
	29	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	1.7	1.2	
18		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	1.7	1.2	
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	0.9	0.7	
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.3	1.1	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.2	
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.5	1.7	1.2	
	29	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.9	1.7	1.2	
	31	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2	
19		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	1.8	1.3	
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.7	0.6	
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.1	0.9	
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.5	1.3	
	27	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	1.8	1.3	
	29	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.7	1.8	1.3	
20		TC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	1.9	1.4	
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	0.9	0.8	
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.3	1.1	
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.7	1.4	
	29	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.5	1.9	1.4	
	31	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.8	1.9	1.4	
21		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.1	1.9	1.4	
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.2	0.7	0.5	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.5	1.1	0.9	
	27	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	1.9	1.4	
	29	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.2	1.8	1.4	
	31	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.6	1.9	1.4
22		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	3.2	2.0	1.5	
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.9	0.7	
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.7	1.2	
	29	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.0	1.6	1.4
	31	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.4	2.0	1.5
23		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.3	4.1	3.2	2.1	1.6	
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.1	0.7	0.6	
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.4	1.1	0.9	
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.1	1.8	1.4	1.3
	31	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.5	2.1	1.8	1.6	

2. Cooling Capacity of Indoor Unit

● S-45ML1E5

Power supply : 220-230-240V 1phase-50Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		4.5 kW AIR FLOW RATE : 11.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.0	1.3	
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.0	1.3	
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
15		TC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.8	1.4	
	23	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.0	1.4	
	25	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.0	1.4	
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
16		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
	21	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.6	1.3	
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.0	1.4	
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.1	1.4	
	27	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.1	1.4	
	29	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
17		TC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	2.1	1.5	
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.3	1.1	
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.7	1.5	
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.1	1.5	
	27	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.1	1.5	
	29	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	2.1	1.5	
18		TC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.8	2.2	1.5	
	21	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.1	0.8	
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	1.5	1.3	
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.6	1.9	1.5
	27	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.0	2.2	1.5	
	29	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.4	2.2	1.5
	31	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.8	2.2	1.5	
19		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.8	2.2	1.6	
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.5	0.9	0.6	
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.3	1.0	
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.3	1.7	1.5
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7	2.1	1.6	
	29	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.1	2.2	1.6
	31	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.6	2.2	1.6	
20		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	3.9	2.3	1.7	
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.7	1.1	0.9	
	25	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.1	1.5	1.3	
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.5	1.9	1.7
	29	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.9	2.3	1.7	
	31	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.3	2.3	1.7	
21		TC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	3.9	2.4	1.8	
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.4	0.9	0.7	
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.8	1.3	1.1	
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.2	1.7	1.5	
	29	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.6	2.1	1.8	
	31	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.0	2.4	1.8
22		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.1	4.0	2.5	1.9	
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.6	1.1	0.9	
	27	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.0	1.5	1.3
	29	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.4	1.9	1.7
	31	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	2.8	2.3	1.9
23		TC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.1	4.1	2.6	2.0	
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.7	1.4	0.8	0.6	
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.2	2.1	1.8	1.2	1.0
	29	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.5	2.2	1.6	1.4
	31	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	2.9	2.6	2.0	1.8

2. Cooling Capacity of Indoor Unit

● S-56ML1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		5.6 kW		AIR FLOW RATE : 11.0 m³/min																	
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
	21	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.2	1.6	
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.4	1.6	
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
15		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7	
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.0	1.6	
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.4	1.7	
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.5	1.7	
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7	
16		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8	
	21	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.8	1.4	
	23	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.2	1.8	
	25	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.6	1.8	
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	2.6	1.8
17		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7	2.6	1.8	
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	1.5	1.2	
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	1.9	1.6	
	25	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	2.4	1.8
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	2.6	1.8
18		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.7	2.7	1.9	
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	1.3	1.0	
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.6	1.7	1.4
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.0	2.1	1.8
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.4	2.5	1.9
19		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	4.8	2.8	2.0	
	21	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.1	0.8	
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.4	1.5	1.2
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.8	1.9	1.6
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.2	2.3	2.0
20		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.8	2.9	2.1	
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.1	1.3	1.0
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.5	1.7	1.4
	27	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.9	2.1	1.8
	29	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.3	2.5	2.1
21		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	4.9	3.0	2.2	
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.8	1.1	0.8	
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.2	1.5	1.2
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.6	1.9	1.6
	29	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.0	2.3	2.0
22		TC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.3	5.0	3.1	2.3	
	25	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.0	1.3	1.0	
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.9	2.4	1.7	1.4	
	29	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.3	2.8	2.1	1.8
	31	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.7	3.2	2.5	2.2
23		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.7	6.4	5.1	3.2	2.4	
	25	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.2	1.7	1.0	0.8	
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.8	2.6	2.1	1.4	1.2
	29	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.1	2.5	1.8	1.6
	31	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.5	2.9	2.2	2.0

2. Cooling Capacity of Indoor Unit

● S-73ML1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		7.3 kW AIR FLOW RATE : 19.0 m³/min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1
	21	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.2	2.1
	23	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	3.2	2.1
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1
	27	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1
15		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2
	21	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	2.8	2.2
	23	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.3	2.2
	25	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	3.3	2.2
	27	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2
16		TC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.3	2.3
	21	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.4	2.0
	23	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.1	2.3
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	3.3	2.3
	27	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	3.3	2.3
17		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	3.4	2.4
	21	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	2.0	1.6
	23	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	2.7	2.3
	25	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	3.4	2.4
	27	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.4	2.4
18		TC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.1	3.5	2.5
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7	1.6	1.2
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.4	2.3	1.9
	25	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.1	3.0	2.5
	27	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.8	3.5	2.5
19		TC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.2	3.6	2.6
	21	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.3	1.2	0.9
	23	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.9	1.6
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.7	2.6	2.3
	27	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.4	3.3	2.6
20		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	6.3	3.8	2.8
	23	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.5	1.6	1.2
	25	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.2	2.3	1.9
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.9	3.0	2.6
	29	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	4.7	3.7	2.8
21		TC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.2	6.4	3.9	2.9
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.1	1.2	0.8
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	2.8	1.9
	27	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	3.5	2.6	2.2
	29	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.2	3.3	2.9
22		TC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.6	8.2	6.5	4.0	3.0
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.0	2.4	1.5	1.2
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.7	3.1	2.2	1.9
	29	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.4	3.8	2.9	2.5
	31	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.1	4.5	3.6	3.0
23		TC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1	8.8	8.3	6.6	4.2	3.2
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.7	2.6	2.0	1.2	0.8
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.4	3.3	2.6	1.8	1.5
	29	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.0	3.3	2.5	2.2
	31	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.7	4.1	3.2	2.9

2. Cooling Capacity of Indoor Unit

2-11. 1-Way Cassette (Type D1)

● S-28MD1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.8 kW		AIR FLOW RATE : 12.0 m³/min																	
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
15		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.3	0.8	
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
16		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.9	
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.3	0.9	
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
17		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9	
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.1	0.9	
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.3	0.9	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9
18		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.9	0.7	
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.3	1.0	
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.4	1.0	
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0
19		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.4	1.0
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.7	0.5	
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.1	0.9	
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.4	1.0
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.4	1.0
20		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.4	1.1
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	0.8	0.7
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.3	1.1
	27	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.4	1.1
	29	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.4	1.4	1.1
21		TC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.4	1.5	1.1
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.6	0.5	
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.1	0.9
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.8	1.5	1.1
	29	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.2	1.5	1.1
22		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	2.5	1.5	1.2
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.1	0.8	0.7
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.6	1.2	1.1
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.0	1.5	1.2
	31	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.4	1.5	1.2
23		TC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.2	2.5	1.6	1.2
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.9	0.6	0.5	
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.3	1.0	0.9
	29	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.4	1.2
	31	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.1	1.6	1.1

2. Cooling Capacity of Indoor Unit

● S-36MD1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		3.6 kW AIR FLOW RATE : 12.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	21	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.6	1.0	
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
15		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.6	1.1	
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
16		TC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
	21	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.1	
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.1	
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
	29	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
17		TC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2	
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.2	1.0	
	23	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	1.7	1.2	
	25	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	1.7	1.2
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2
	29	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2
18		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2	
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.0	0.8	
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.4	1.2	
	25	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	1.7	1.2
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	1.7	1.2	
	29	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2
	31	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2
19		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	1.8	1.3	
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	0.8	0.6	
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.2	1.0	
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.1	1.6	1.3
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.5	1.8	1.3
	29	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.0	1.8	1.3
	31	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	1.8	1.3
20		TC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.1	1.9	1.4	
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.0	0.8	
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.4	1.2	
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.3	1.8	1.4
	29	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7	1.9	1.4
21		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.1	1.9	1.4
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.2	0.8	0.6
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.6	1.2	1.0
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.0	1.6	1.4
	29	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.9	1.4
	31	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.9	1.9	1.4
22		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	3.2	2.0	1.5
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.4	1.0	0.8
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.8	1.4	1.2
	29	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.2	1.8	1.5
23		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.3	4.1	3.2	2.1	1.6	
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.1	0.8	0.6	
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.5	1.2	1.0	
	29	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	1.9	1.6	1.4	
	31	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.7	2.7	2.4	2.0	1.6
		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.3	4.1	3.2	2.1	1.6

2. Cooling Capacity of Indoor Unit

● S-45MD1E5

Power supply : 220-230-240V 1phase-50Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		4.5 kW		AIR FLOW RATE : 12.0 m³/min																	
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.0	1.3	
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
15		TC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.9	1.4	
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.0	1.4	
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
16		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
	21	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.7	1.4	
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.1	1.4	
	25	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.1	1.4	
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
	29	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
17		TC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.1	1.5	
	21	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.4	1.2	
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	1.8	1.5	
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.1	1.5	
	27	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.1	1.5	
	29	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.1	1.5	
18		TC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.8	2.2	1.5	
	21	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.2	0.9	
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	1.6	1.3	
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.0	1.5
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.1	2.2	1.5	
	29	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.5	2.2	1.5	
	31	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.8	2.2	1.5	
19		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.8	2.2	1.6	
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	0.9	0.7	
	23	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.4	1.1	
	25	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.4	1.8	1.5
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.8	2.2	1.6	
	29	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.3	2.2	1.6	
	31	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.7	2.2	1.6	
20		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	3.9	2.3	1.7	
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.8	1.1	0.9	
	25	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2	1.5	1.3	
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.6	2.0	1.7
	29	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	2.3	1.7	
	31	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.4	2.3	1.7	
21		TC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	3.9	2.4	1.8	
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.5	0.9	0.7	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.9	1.3	1.1
	27	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.3	1.8	1.5
	29	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.7	2.2	1.8
	31	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	2.4	1.8
22		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.1	4.0	2.5	1.9	
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.6	1.1	0.9	
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.1	1.5	1.3	
	29	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.5	2.0	1.8	
	31	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.3	2.9	2.4	1.9	
23		TC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.1	4.1	2.6	2.0	
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.4	0.9	0.7	
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.2	1.8	1.3	1.1
	29	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.3	1.7	1.5
	31	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.1	3.0	2.7	2.1	1.9

2. Cooling Capacity of Indoor Unit

● S-56MD1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:			5.6 kW AIR FLOW RATE : 13.0 m³/min																	
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
	21	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.4	1.6
	23	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.4	1.6
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
15		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.2	1.7
	23	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.5	1.7
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.5	1.7
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7
16		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8
	21	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.0	1.7
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.5	1.8
	25	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	2.6	1.8
	27	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	2.6	1.8
17		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7	2.6	1.8
	21	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	1.7	1.4
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.2	1.8
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	2.6	1.8
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	2.6	1.8
18		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.7	2.7	1.9
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	1.5	1.2
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	1.9	1.6
	25	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	2.4	1.9
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.7	2.7	1.9
19		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	4.8	2.8	2.0
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.0	1.2	0.9
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.5	1.7	1.4
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.0	2.1	1.8
	27	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.4	2.6	2.0
20		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.8	2.9	2.1
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.2	1.5	1.2
	25	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.6	1.9	1.6
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	2.4	2.1
	29	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.6	2.8	2.1
21		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	4.9	3.0	2.2
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.9	1.2	0.9
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.7	1.4
	27	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.8	2.1	1.8
	29	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.3	2.6	2.2
22		TC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.3	5.0	3.1	2.3
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.6	2.1	1.4	1.2
	27	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.6	1.9	1.6
	29	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.5	3.0	2.3	2.1
	31	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.0	3.5	2.8	2.3
23		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.7	6.4	5.1	3.2	2.4
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	2.3	1.8	1.2	0.9
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.9	2.8	2.3	1.6	1.4
	29	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.2	2.7	2.1	1.8
	31	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.7	3.2	2.5	2.3

2. Cooling Capacity of Indoor Unit

- S-73MD1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		7.3 kW AIR FLOW RATE : 18.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1	
	21	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.2	2.1	
	23	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	3.2	2.1	
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1	
	27	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	3.2	2.1	
15		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2	
	21	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.0	2.2	
	23	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	3.3	2.2	
	25	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	3.3	2.2	
	27	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2
16		TC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.3	2.3
	21	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.6	2.2	
	23	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	3.3	2.3	
	25	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	3.3	2.3	
	27	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	3.3	2.3	
	29	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.3	2.3
17		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	3.4	2.4	
	21	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.3	1.9	
	23	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	2.9	2.4	
	25	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	3.4	2.4
	27	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	3.4	2.4	
	29	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	3.4	2.4	
18		TC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.1	3.5	2.5
	21	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.0	2.0	1.6	
	23	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.6	2.6	2.2
	25	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.3	3.2	2.5
	27	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.9	3.5	2.5
	29	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.6	3.5	2.5
	31	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.1	3.5	2.5
19		TC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.2	3.6	2.6
	21	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.6	1.6	1.2	
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.3	2.2	1.9	
	25	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	3.9	2.9	2.5
	27	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.5	3.5	2.6
	29	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.2	3.6	2.6
20		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	6.3	3.8	2.8
	23	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.9	1.9	1.6	
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.5	2.6	2.2
	27	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.1	3.2	2.8
	29	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	4.8	3.8	2.8
	31	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.4	3.8	2.8
21		TC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.2	6.4	3.9	2.9	
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	2.5	1.6	1.2	
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.1	2.2	1.9
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.8	2.8	2.5
	29	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	4.4	3.5	2.9	
	31	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.0	3.9	2.9
22		TC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.6	8.2	6.5	4.0	3.0	
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.4	2.8	1.9	1.5
	27	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.0	3.4	2.5	2.1
	29	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.7	4.0	3.1	2.8
	31	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.3	4.6	3.7	3.0
23		TC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1	8.8	8.3	6.6	4.2	3.2	
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.0	2.4	1.6	1.2	
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.6	3.0	2.2	1.9
	29	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.4	4.3	3.6	2.8	2.5
	31	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	4.9	4.3	3.4	3.1	2.5

2. Cooling Capacity of Indoor Unit

2-12. Floor Standing (Type P1)

● S-22MP1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.2 kW AIR FLOW RATE : 7.0 m ³ /min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.6
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6
15		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.7
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.7
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7
16		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.8	0.7
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.7
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.0	0.7
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7
	29	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7
17		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.9	0.7
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.0	0.7
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.0	0.7
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7
18		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.4
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.8	0.7
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.1	0.8
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.1	0.8
	29	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.1	0.8
	31	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8
19		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.1	0.8
	21	SHC	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.4	0.3
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.6	0.5
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.9	0.8
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.1	0.8
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.1	0.8
	31	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8
20		TC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.1	0.8
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.4
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.8	0.6
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	1.0	0.8
	29	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.1	0.8
	31	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.1	0.8
21		TC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.9	1.2	0.9
	23	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.6	0.4	0.3
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.6	0.5
	27	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.1	0.9	0.8
	29	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.1	0.9
	31	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.2	0.9
22		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.0	1.2	0.9
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.5	0.4
	27	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.7	0.6
	29	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	1.0	0.9
	31	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.5	1.2	0.9
23		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.5	2.0	1.3	1.0
	25	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.6	0.4	0.3
	27	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.6	0.5
	29	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.1	0.9	0.8
	31	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.1	1.0

2. Cooling Capacity of Indoor Unit

● S-28MP1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.8 kW AIR FLOW RATE : 7.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.2	0.8	
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
15		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.2	0.8	
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.3	0.8	
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
16		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.8	
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.9	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.3	0.9	
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
17		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9	
	21	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.9	0.7	
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.1	0.9	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.3	0.9
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.3	0.9	
	29	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.3	0.9	
18		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0	
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.6	
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.0	0.8	
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.3	1.0
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.4	1.0	
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	1.4	1.0
	31	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0	
19		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.4	1.0	
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.6	0.4	
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	0.8	0.7	
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.1	0.9	
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.4	1.0	
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.4	1.0	
20		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.4	1.1	
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	0.7	0.6	
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.9	0.8	
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.2	1.1
	29	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.4	1.1	
21		TC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.4	1.5	1.1	
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.6	0.4	
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.2	0.8	0.7	
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	1.1	0.9	
	29	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.3	1.1	
22		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	2.5	1.5	1.2	
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.0	0.7	0.6	
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.9	0.8	
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.5	1.2	1.1
	31	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	1.8	1.4	1.2	
23		TC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.2	2.5	1.6	1.2	
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.9	0.6	0.4	
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.1	0.8	0.7	
	29	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.1	0.9	
	31	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.6	1.3	1.2	

2. Cooling Capacity of Indoor Unit

● S-36MP1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		3.6 kW AIR FLOW RATE : 9.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	21	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.6	1.0	
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.6	1.0	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
15		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.4	1.1	
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.6	1.1	
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
16		TC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.2	1.0	
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.6	1.1	
	25	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.6	1.1	
	27	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.6	1.1	
17		TC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2	
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.0	0.8	
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.4	1.2	
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.7	1.2	
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	1.7	1.2	
18		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2	
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	0.9	0.7	
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.2	1.0	
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.5	1.2	
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.7	1.2	
19		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	1.8	1.3	
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	0.7	0.5	
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.5	1.0	0.8	
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.3	1.2
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	1.7	1.3
20		TC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.1	1.9	1.4	
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.9	0.7	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.2	1.0	
	27	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.5	1.3
	29	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.3	1.8	1.4
21		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.1	1.9	1.4	
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.1	0.7	0.5	
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.4	1.0	0.8	
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.8	1.3	1.1
	29	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.1	1.6	1.4
22		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	3.2	2.0	1.5	
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.2	0.8	0.7	
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.6	1.1	1.0	
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.5	1.3	
	31	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.2	1.8	1.5	
23		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.3	4.1	3.2	2.1	1.6	
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.0	0.6	0.5	
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.4	1.0	0.8	
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.0	1.7	1.3	1.1
	31	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.3	2.0	1.6	1.5	

2. Cooling Capacity of Indoor Unit

● S-45MP1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		4.5 kW AIR FLOW RATE : 12.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.0	1.3	
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
15		TC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.8	1.4	
	23	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.0	1.4	
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
16		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
	21	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.5	1.3	
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.0	1.4	
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.1	1.4	
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
	29	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
17		TC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	2.1	1.5	
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	1.0	
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.7	1.5	
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.1	1.5	
	27	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.1	1.5	
	29	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.1	1.5	
18		TC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.8	2.2	1.5	
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.0	0.8	
	23	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	1.5	1.2	
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.6	1.9	1.5
	27	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.0	2.2	1.5	
	29	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.5	2.2	1.5	
	31	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.8	2.2	1.5	
19		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.8	2.2	1.6	
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	0.8	0.6	
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.2	1.0	
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.3	1.7	1.4
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7	2.1	1.6	
	29	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	2.2	1.6
	31	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.7	2.2	1.6	
20		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	3.9	2.3	1.7	
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.6	1.0	0.8	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.4	1.2	
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.5	1.9	1.7
	29	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.9	2.3	1.7	
	31	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.4	2.3	1.7	
21		TC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	3.9	2.4	1.8	
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.3	0.8	0.6	
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.8	1.2	1.0	
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.2	1.6	1.4
	29	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.6	2.1	1.8	
	31	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.1	2.4	1.8
22		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.1	4.0	2.5	1.9	
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.5	1.0	0.8	
	27	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	1.9	1.4	1.2
	29	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.4	1.9	1.7
	31	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	2.8	2.3	1.9
23		TC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.1	4.1	2.6	2.0	
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.6	1.2	0.7	0.6	
	27	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	1.7	1.2	1.0	
	29	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.5	2.1	1.6	1.4	
	31	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	2.9	2.6	2.1	1.9	

2. Cooling Capacity of Indoor Unit

● S-56MP1E5

Power supply : 220-230-240V 1phase-50Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		5.6 kW		AIR FLOW RATE : 15.0 m³/min																	
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
	21	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.4	1.6	
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6	
15		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7	
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.3	1.7	
	23	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.5	1.7	
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7	
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7	
16		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8	
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.9	1.6	
	23	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	2.5	1.8	
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.6	1.8	
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8	
	29	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	2.6	1.8	
17		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7	2.6	1.8	
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	1.6	1.3	
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.2	1.8	
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.6	1.8	
	27	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	2.6	1.8	
	29	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	2.6	1.8	
18		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.7	2.7	1.9	
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.3	1.0	
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.7	1.9	1.6	
	25	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.3	2.4	1.9
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.8	2.7	1.9	
	29	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.4	2.7	1.9	
	31	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.7	2.7	1.9	
19		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	4.8	2.8	2.0	
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.8	1.0	0.7	
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.3	1.6	1.3	
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.9	2.1	1.8	
	27	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.5	2.7	2.0	
	29	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.1	2.8	2.0	
	31	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.6	2.8	2.0	
20		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.8	2.9	2.1	
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.0	1.3	1.0	
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.6	1.8	1.5	
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	2.4	2.1	
	29	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.7	2.9	2.1	
	31	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.2	2.9	2.1	
21		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	4.9	3.0	2.2	
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.7	1.0	0.7	
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.2	1.5	1.3	
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	2.8	2.1	1.8
	29	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.3	2.6	2.2	
	31	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.9	3.0	2.2	
22		TC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.3	5.0	3.1	2.3	
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.4	1.9	1.2	1.0	
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.5	1.8	1.5	
	29	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.0	2.3	2.1	
	31	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.6	2.9	2.3	
23		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.7	6.4	5.1	3.2	2.4	
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.0	1.6	0.9	0.7	
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.7	2.6	2.1	1.5	1.2
	29	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.1	2.7	2.0	1.8	
	31	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.7	3.2	2.6	2.3	

2. Cooling Capacity of Indoor Unit

● S-71MP1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		7.1 kW AIR FLOW RATE : 17.0 m³/min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	3.1	2.0
	21	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.1	2.0
	23	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.1	2.0
	25	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	3.1	2.0
	27	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	3.1	2.0
15		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	3.2	2.1
	21	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.7	2.1
	23	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.2	2.1
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	3.2	2.1
	27	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	3.2	2.1
16		TC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	3.3	2.2
	21	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	2.4	1.9
	23	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.0	2.2
	25	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	3.3	2.2
	27	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2
17		TC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	5.9	3.3	2.3
	21	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.1	2.0	1.6
	23	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	2.6	2.2
	25	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	3.2	2.3
	27	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.0	3.3	2.3
18		TC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.0	3.4	2.4
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7	1.6	1.2
	23	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.4	2.3	1.9
	25	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.0	2.9	2.4
	27	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.6	3.4	2.4
19		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.0	3.5	2.6
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.3	1.3	0.9
	23	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.9	1.9	1.6
	25	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.6	2.5	2.2
	27	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.2	3.2	2.6
20		TC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	6.1	3.7	2.7
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.5	1.6	1.3
	25	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.2	2.2	1.9
	27	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	3.8	2.9	2.5
	29	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.4	3.5	2.7
21		TC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.2	3.8	2.8
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.1	1.3	0.9
	25	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.8	1.9	1.5
	27	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.4	2.5	2.1
	29	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.0	3.2	2.8
22		TC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	8.0	6.3	3.9	3.0
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.1	2.4	1.5	1.2
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.7	3.0	2.2
	29	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.3	3.7	2.8
	31	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	4.9	4.3	3.4	3.0
23		TC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8	8.6	8.1	6.4	4.1	3.1
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.6	2.0	1.2	0.9
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.3	2.6	1.8
	29	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	3.9	3.2	2.5
	31	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.7	4.6	3.9	3.1

2. Cooling Capacity of Indoor Unit

2-13. Concealed Floor Standing (Type R1)

● S-22MR1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.2 kW AIR FLOW RATE : 7.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.6	
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.6	
15		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.7	
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.7	
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	0.7	
16		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7	
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.8	0.7	
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.7	
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.0	0.7	
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7	
	29	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.0	0.7	
17		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7	
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.5	
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.9	0.7	
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.7	
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.0	0.7	
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.0	0.7	
18		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8	
	21	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.5	0.4	
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.8	0.7	
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.0	0.8	
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.1	0.8	
	29	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.1	0.8	
	31	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.1	0.8	
19		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.1	0.8	
	21	SHC	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.4	0.2	
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.6	0.5	
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	0.9	0.8	
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.1	0.8	
	29	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.1	0.8	
20		TC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.1	0.8	
	23	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.5	0.4	
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.7	0.6	
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	1.0	0.8	
	29	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.1	0.8	
	31	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.1	0.8	
21		TC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.9	1.2	0.9	
	23	SHC	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.4	0.3	
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.6	0.5	
	27	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.1	0.9	0.8	
	29	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.1	0.9	
	31	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.2	0.9	
22		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.0	1.2	0.9	
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.5	0.4	
	27	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.7	0.6	
	29	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.0	0.9
	31	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.2	0.9	
23		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.5	2.0	1.3	1.0	
	25	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.6	0.4	0.3	
	27	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.8	0.6	0.5	
	29	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.1	0.9	0.8	
	31	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.3	1.1	1.0	

2. Cooling Capacity of Indoor Unit

● S-28MR1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		2.8 kW AIR FLOW RATE : 7.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.2	0.8	
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.2	0.8	
15		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.2	0.8	
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.3	0.8	
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	0.8	
16		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.8	
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.9	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.3	0.9	
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.3	0.9	
17		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9	
	21	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.9	0.7	
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.1	0.9	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.3	0.9	
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.3	0.9	
	29	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.3	0.9	
18		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0	
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.6	
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.0	0.8	
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.3	1.0
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.4	1.0	
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	1.4	1.0
	31	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.4	1.0	
19		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	1.4	1.0	
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.6	0.4	
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	0.8	0.7	
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.1	0.9	
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.4	1.0	
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.4	1.0	
20		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.4	1.1	
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	0.7	0.6	
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.9	0.8	
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.2	1.1
	29	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.4	1.1	
21		TC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.4	1.5	1.1	
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.6	0.4	
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.2	0.8	
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	1.1	0.9
	29	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.3	1.1
22		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	2.5	1.5	1.2	
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.0	0.7	0.6
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.9	0.8
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.5	1.2	1.1
	31	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	1.8	1.4	1.2
23		TC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.2	2.5	1.6	1.2	
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.9	0.6	0.4	
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.1	0.8	0.7
	29	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.1	0.9
	31	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.6	1.3	1.1

2. Cooling Capacity of Indoor Unit

● S-36MR1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		3.6 kW AIR FLOW RATE : 9.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	21	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.6	1.0	
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	1.6	1.0	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.0	
15		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.4	1.1	
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.6	1.1	
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.1	
16		TC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.6	1.1	
	21	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.2	1.0	
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.6	1.1	
	25	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.6	1.1	
	27	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.6	1.1	
17		TC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1.7	1.2	
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.0	0.8	
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.4	1.2	
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.7	1.2	
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	1.7	1.2	
18		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	1.7	1.2	
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	0.9	0.7	
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.2	1.0	
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.5	1.2	
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.7	1.2
19		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	1.8	1.3	
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	0.7	0.5	
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.5	1.0	0.8	
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.3	1.2
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	1.7	1.3
20		TC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.1	1.9	1.4	
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	0.9	0.7	
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.2	1.0	
	27	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.5	1.3
	29	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.3	1.8	1.4
21		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.1	1.9	1.4	
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.1	0.7	0.5	
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.4	1.0	0.8	
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.8	1.3	1.1
	29	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.1	1.6	1.4
22		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	3.2	2.0	1.5	
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.2	0.8	0.7	
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.6	1.1	1.0	
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.5	1.3	
	31	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.2	1.8	1.5	
23		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.3	4.1	3.2	2.1	1.6	
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.0	0.6	0.5	
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.4	1.0	0.8	
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.0	1.7	1.3	1.1
	31	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.3	2.0	1.6	1.5	

2. Cooling Capacity of Indoor Unit

● S-45MR1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		4.5 kW AIR FLOW RATE : 12.0 m³/min																			
EVAPORATOR		CONDENSER																			
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																			
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52	
14		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.0	1.3	
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.3	
15		TC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.8	1.4	
	23	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.0	1.4	
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.0	1.4	
16		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
	21	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.5	1.3	
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.0	1.4	
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.1	1.4	
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
	29	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.1	1.4	
17		TC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	2.1	1.5	
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.3	1.0	
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.7	1.5	
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.1	1.5	
	27	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.1	1.5	
	29	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.1	1.5	
18		TC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.8	2.2	1.5	
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.0	0.8	
	23	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	1.5	1.2	
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.6	1.9	1.5
	27	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.0	2.2	1.5	
	29	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.5	2.2	1.5	
	31	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.8	2.2	1.5	
19		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.8	2.2	1.6	
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	0.8	0.6	
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.9	1.2	1.0	
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.3	1.7	1.4
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7	2.1	1.6	
	29	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	2.2	1.6
	31	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.7	2.2	1.6	
20		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	3.9	2.3	1.7	
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.6	1.0	0.8	
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.4	1.2	
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.5	1.9	1.7
	29	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.9	2.3	1.7	
	31	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.4	2.3	1.7	
21		TC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	3.9	2.4	1.8	
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.3	0.8	0.6	
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.8	1.2	1.0	
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.2	1.6	1.4
	29	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.6	2.1	1.8	
	31	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.1	2.4	1.8
22		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.1	4.0	2.5	1.9	
	25	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.5	1.0	0.8	
	27	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	1.9	1.4	1.2
	29	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.4	1.9	1.7
	31	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	2.8	2.3	1.9
23		TC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.1	4.1	2.6	2.0	
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.6	1.2	0.7	0.6	
	27	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	1.7	1.2	1.0	
	29	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.5	2.1	1.6	1.4	
	31	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	2.9	2.6	2.1	1.9

2. Cooling Capacity of Indoor Unit

● S-56MR1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		5.6 kW AIR FLOW RATE : 15.0 m ³ /min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
	21	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.4	1.6
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.4	1.6
15		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.3	1.7
	23	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.5	1.7
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.5	1.7
16		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.9	1.6
	23	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	2.5	1.8
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.6	1.8
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	2.6	1.8
17		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7	2.6	1.8
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	1.6	1.3
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.2	1.8
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	2.6	1.8
	27	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	2.6	1.8
18		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.7	2.7	1.9
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.3	1.0
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.7	1.9	1.6
	25	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.3	2.4	1.9
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.8	2.7	1.9
19		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	4.8	2.8	2.0
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.8	1.0	0.7
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.3	1.6	1.3
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.9	2.1	1.8
	27	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.5	2.7	2.0
20		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.8	2.9	2.1
	23	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.0	1.3	1.0
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.6	1.8	1.5
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.1	2.4	2.1
	29	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.7	2.9	2.1
21		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	4.9	3.0	2.2
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.7	1.0	0.7
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.2	1.5	1.3
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.8	2.1	1.8
	29	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.3	2.6	2.2
22		TC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	5.0	3.1	2.3
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.4	1.9	1.2
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.5	1.8	1.5
	29	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.0	2.3	2.1
	31	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.6	2.9	2.3
23		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.7	6.4	5.1	3.2	2.4
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.0	1.6	0.9	0.7
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.7	2.6	2.1	1.5	1.2
	29	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.1	2.7	2.0	1.8
	31	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.7	3.2	2.6	2.3

2. Cooling Capacity of Indoor Unit

● S-71MR1E5

Power supply : 220-230-240V 1phase-50Hz TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with U-16ME2E8.

RATING CAPACITY:		7.1 kW AIR FLOW RATE : 17.0 m ³ /min																		
EVAPORATOR		CONDENSER																		
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																		
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46	50	52
14		TC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	3.1	2.0
	21	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.1	2.0
	23	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.1	2.0
	25	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	3.1	2.0
	27	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	3.1	2.0
15		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	3.2	2.1
	21	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.7	2.1
	23	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.2	2.1
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	3.2	2.1
	27	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	3.2	2.1
16		TC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	3.3	2.2
	21	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	2.4	1.9
	23	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.0	2.2
	25	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	3.3	2.2
	27	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	3.3	2.2
17		TC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	5.9	3.3
	21	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.1	2.0	1.6
	23	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	2.6	2.2
	25	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	3.2	2.3
	27	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.0	3.3	2.3
18		TC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.0	3.4	2.4
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7	1.6	1.2
	23	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.4	2.3	1.9
	25	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.0	2.9	2.4
	27	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.6	3.4	2.4
19		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.0	3.5	2.6
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.3	1.3	0.9
	23	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.9	1.9	1.6
	25	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.6	2.5	2.2
	27	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.2	3.2	2.6
20		TC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	6.1	3.7	2.7
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.5	1.6	1.3
	25	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.2	2.2	1.9
	27	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	3.8	2.9	2.5
	29	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.4	3.5	2.7
21		TC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.2	3.8	2.8
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.1	1.3	0.9
	25	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.8	1.9	1.5
	27	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.4	2.5	2.1
	29	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.0	3.2	2.8
22		TC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	8.0	6.3	3.9	3.0
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.1	2.4	1.5	1.2
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.7	3.0	2.2	1.8
	29	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.3	3.7	2.8	2.5
	31	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	4.9	4.3	3.4	3.0
23		TC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8	8.6	8.1	6.4	4.1	3.1
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.6	2.0	1.2	0.9
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.3	2.6	1.8	1.5
	29	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	3.9	3.2	2.5	2.1
	31	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.7	4.6	3.9	3.1	2.8

3. Part Load of Outdoor Unit

3-1. U-8ME2E8 (Cooling)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	14.9	1.31	17.9	1.57	20.9	1.83	22.4	1.96	25.4	2.22	28.4	2.48	31.4	2.74
		-5.0	14.9	1.31	17.9	1.57	20.9	1.83	22.4	1.96	25.4	2.22	28.4	2.49	31.4	2.75
		0.0	14.9	1.31	17.9	1.58	20.9	1.84	22.4	1.97	25.4	2.23	28.4	2.49	31.4	2.75
		5.0	14.9	1.32	17.9	1.58	20.9	1.84	22.4	1.97	25.4	2.24	28.4	2.50	31.4	2.77
		10.0	14.9	1.33	17.9	1.59	20.9	1.86	22.4	1.99	25.4	2.27	28.4	2.56	31.4	2.83
		15.0	14.9	1.35	17.9	1.64	20.9	1.94	22.4	2.09	25.4	2.40	28.4	2.72	31.4	3.00
		20.0	14.9	1.53	17.9	1.89	20.9	2.28	22.4	2.48	25.4	2.93	28.4	3.42	31.4	3.96
		25.0	14.9	1.98	17.9	2.43	20.9	2.92	22.4	3.19	25.4	3.75	28.4	4.36	31.4	5.01
		30.0	14.9	2.46	17.9	3.02	20.9	3.63	22.4	3.95	25.4	4.63	28.4	5.36	31.4	6.14
		35.0	14.9	2.98	17.9	3.66	20.9	4.39	22.4	4.77	25.4	5.58	28.4	6.44	30.0	6.68
		40.0	14.9	3.55	17.9	4.35	20.9	5.21	22.4	5.66	25.4	6.61	26.6	6.68	27.7	6.68
		43.0	14.9	3.91	17.9	4.79	20.9	5.73	22.4	6.23	24.3	6.68	25.4	6.68	25.9	6.33
		46.0	14.8	4.24	17.7	5.20	18.8	5.29	19.0	5.15	19.6	4.92	20.2	4.73	21.0	4.59
		52.0	6.4	1.85	7.0	1.87	7.7	1.90	8.1	1.92	8.9	1.97	9.8	2.02	10.8	2.08

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	13.4	1.05	16.1	1.32	18.8	1.58	20.2	1.71	22.8	1.96	25.5	2.21	28.2	2.45
		-5.0	13.4	1.06	16.1	1.32	18.8	1.59	20.2	1.72	22.8	1.97	25.5	2.22	28.2	2.46
		0.0	13.4	1.06	16.1	1.33	18.8	1.59	20.2	1.72	22.8	1.97	25.5	2.22	28.2	2.46
		5.0	13.4	1.06	16.1	1.33	18.8	1.60	20.2	1.73	22.8	1.98	25.5	2.23	28.2	2.47
		10.0	13.4	1.07	16.1	1.34	18.8	1.60	20.2	1.73	22.8	1.99	25.5	2.25	28.2	2.50
		15.0	13.4	1.08	16.1	1.36	18.8	1.64	20.2	1.78	22.8	2.05	25.5	2.32	28.2	2.59
		20.0	13.4	1.18	16.1	1.51	18.8	1.83	20.2	1.98	22.8	2.29	25.5	2.62	28.2	2.97
		25.0	13.4	1.61	16.1	1.98	18.8	2.36	20.2	2.55	22.8	2.95	25.5	3.37	28.2	3.79
		30.0	13.4	2.06	16.1	2.51	18.8	2.96	20.2	3.19	22.8	3.66	25.5	4.13	28.2	4.62
		35.0	13.4	2.62	16.1	3.16	18.8	3.71	20.2	3.98	22.8	4.54	25.5	5.12	28.2	5.71
		40.0	13.4	3.12	16.1	3.74	18.8	4.36	20.2	4.68	22.8	5.33	25.5	6.00	27.7	6.68
		43.0	13.4	3.43	16.1	4.10	18.8	4.77	20.2	5.12	22.8	5.83	25.4	6.68	25.9	6.33
		46.0	13.4	3.67	16.1	4.44	18.8	5.24	19.0	5.15	19.6	4.92	20.2	4.73	21.0	4.59
		52.0	6.4	1.85	7.0	1.87	7.7	1.90	8.1	1.92	8.9	1.97	9.8	2.02	10.8	2.08

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	11.9	0.90	14.3	1.14	16.7	1.38	17.9	1.50	20.3	1.73	22.7	1.95	25.1	2.18
		-5.0	11.9	0.90	14.3	1.15	16.7	1.39	17.9	1.50	20.3	1.73	22.7	1.96	25.1	2.18
		0.0	11.9	0.91	14.3	1.15	16.7	1.39	17.9	1.51	20.3	1.74	22.7	1.96	25.1	2.18
		5.0	11.9	0.91	14.3	1.16	16.7	1.39	17.9	1.51	20.3	1.74	22.7	1.97	25.1	2.19
		10.0	11.9	0.92	14.3	1.16	16.7	1.40	17.9	1.52	20.3	1.75	22.7	1.97	25.1	2.20
		15.0	11.9	0.93	14.3	1.17	16.7	1.41	17.9	1.53	20.3	1.77	22.7	2.00	25.1	2.24
		20.0	11.9	0.96	14.3	1.23	16.7	1.49	17.9	1.62	20.3	1.88	22.7	2.13	25.1	2.37
		25.0	11.9	1.32	14.3	1.60	16.7	1.88	17.9	2.02	20.3	2.31	22.7	2.61	25.1	2.90
		30.0	11.9	1.71	14.3	2.06	16.7	2.40	17.9	2.58	20.3	2.93	22.7	3.28	25.1	3.63
		35.0	11.9	2.21	14.3	2.63	16.7	3.06	17.9	3.27	20.3	3.69	22.7	4.12	25.1	4.54
		40.0	11.9	2.65	14.3	3.14	16.7	3.63	17.9	3.88	20.3	4.37	22.7	4.86	25.1	5.35
		43.0	11.9	2.92	14.3	3.46	16.7	3.99	17.9	4.26	20.3	4.79	22.7	5.33	25.1	5.88
		46.0	11.9	3.11	14.3	3.71	16.7	4.32	17.9	4.64	19.6	4.92	20.2	4.73	21.0	4.59
		52.0	6.4	1.85	7.0	1.87	7.7	1.90	8.1	1.92	8.9	1.97	9.8	2.02	10.8	2.08

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	10.5	0.75	12.5	0.96	14.6	1.18	15.7	1.28	17.8	1.49	19.9	1.69	22.0	1.89
		-5.0	10.5	0.75	12.5	0.97	14.6	1.18	15.7	1.28	17.8	1.49	19.9	1.69	22.0	1.89
		0.0	10.5	0.75	12.5	0.97	14.6	1.18	15.7	1.29	17.8	1.49	19.9	1.70	22.0	1.89
		5.0	10.5	0.76	12.5	0.97	14.6	1.19	15.7	1.29	17.8	1.50	19.9	1.70	22.0	1.90
		10.0	10.5	0.76	12.5	0.98	14.6	1.19	15.7	1.30	17.8	1.50	19.9	1.71	22.0	1.91
		15.0	10.5	0.77	12.5	0.99	14.6	1.20	15.7	1.31	17.8	1.51	19.9	1.71	22.0	1.92
		20.0	10.5	0.78	12.5	1.01	14.6	1.23	15.7	1.33	17.8	1.55	19.9	1.76	22.0	1.97
		25.0	10.5	0.97	12.5	1.21	14.6	1.44	15.7	1.55	17.8	1.76	19.9	1.97	22.0	2.17
		30.0	10.5	1.39	12.5	1.65	14.6	1.91	15.7	2.03	17.8	2.28	19.9	2.53	22.0	2.77
		35.0	10.5	1.82	12.5	2.15	14.6	2.47	15.7	2.63	17.8	2.94	19.9	3.24	22.0	3.54
		40.0	10.5	2.20	12.5	2.59	14.6	2.97	15.7	3.15	17.8	3.52	19.9	3.87	22.0	4.22
		43.0	10.5	2.44	12.5	2.87	14.6	3.28	15.7	3.48	17.8	3.87	19.9	4.26	22.0	4.64
		46.0	10.5	2.60	12.5	3.06	14.6	3.52	15.7	3.74	17.8	4.20	19.9	4.50	21.0	4.59
		52.0	6.4	1.85	7.0	1.87	7.7	1.90	8.1	1.92	8.9	1.97	9.8	2.02	10.8	2.08

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

U-8ME2E8 (Cooling)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	9.0	0.59	10.8	0.78	12.5	0.97	13.4	1.06	15.2	1.24	17.0	1.42	18.8	1.59
		-5.0	9.0	0.59	10.8	0.78	12.5	0.97	13.4	1.06	15.2	1.24	17.0	1.42	18.8	1.59
		0.0	9.0	0.60	10.8	0.79	12.5	0.97	13.4	1.06	15.2	1.24	17.0	1.42	18.8	1.60
		5.0	9.0	0.60	10.8	0.79	12.5	0.97	13.4	1.07	15.2	1.25	17.0	1.43	18.8	1.60
		10.0	9.0	0.60	10.8	0.79	12.5	0.98	13.4	1.07	15.2	1.25	17.0	1.43	18.8	1.61
		15.0	9.0	0.61	10.8	0.80	12.5	0.99	13.4	1.08	15.2	1.26	17.0	1.44	18.8	1.61
		20.0	9.0	0.62	10.8	0.81	12.5	1.00	13.4	1.09	15.2	1.27	17.0	1.45	18.8	1.62
		25.0	9.0	0.68	10.8	0.87	12.5	1.06	13.4	1.16	15.2	1.34	17.0	1.52	18.8	1.70
		30.0	9.0	1.10	10.8	1.29	12.5	1.47	13.4	1.55	15.2	1.72	17.0	1.87	18.8	2.03
		35.0	9.0	1.46	10.8	1.71	12.5	1.94	13.4	2.05	15.2	2.26	17.0	2.47	18.8	2.66
		40.0	9.0	1.79	10.8	2.09	12.5	2.37	13.4	2.50	15.2	2.76	17.0	3.00	18.8	3.24
		43.0	9.0	2.00	10.8	2.32	12.5	2.63	13.4	2.78	15.2	3.06	17.0	3.33	18.8	3.59
		46.0	9.0	2.15	10.8	2.49	12.5	2.81	13.4	2.97	15.2	3.29	17.0	3.59	18.8	3.89
		52.0	6.4	1.85	7.0	1.87	7.7	1.90	8.1	1.92	8.9	1.97	9.8	2.02	10.8	2.08

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	7.5	0.43	9.0	0.59	10.5	0.75	11.2	0.83	12.7	0.98	14.2	1.14	15.7	1.28
		-5.0	7.5	0.43	9.0	0.59	10.5	0.75	11.2	0.83	12.7	0.99	14.2	1.14	15.7	1.29
		0.0	7.5	0.44	9.0	0.60	10.5	0.75	11.2	0.83	12.7	0.99	14.2	1.14	15.7	1.29
		5.0	7.5	0.44	9.0	0.60	10.5	0.76	11.2	0.84	12.7	0.99	14.2	1.14	15.7	1.29
		10.0	7.5	0.44	9.0	0.60	10.5	0.76	11.2	0.84	12.7	0.99	14.2	1.15	15.7	1.29
		15.0	7.5	0.45	9.0	0.61	10.5	0.77	11.2	0.84	12.7	1.00	14.2	1.15	15.7	1.30
		20.0	7.5	0.46	9.0	0.62	10.5	0.78	11.2	0.85	12.7	1.01	14.2	1.16	15.7	1.31
		25.0	7.5	0.47	9.0	0.63	10.5	0.79	11.2	0.87	12.7	1.02	14.2	1.17	15.7	1.32
		30.0	7.5	0.85	9.0	0.96	10.5	1.02	11.2	1.07	12.7	1.18	14.2	1.30	15.7	1.43
		35.0	7.5	1.14	9.0	1.31	10.5	1.47	11.2	1.54	12.7	1.67	14.2	1.80	15.7	1.91
		40.0	7.5	1.41	9.0	1.63	10.5	1.82	11.2	1.91	12.7	2.08	14.2	2.24	15.7	2.39
		43.0	7.5	1.58	9.0	1.82	10.5	2.04	11.2	2.14	12.7	2.34	14.2	2.51	15.7	2.68
		46.0	7.5	1.75	9.0	1.98	10.5	2.21	11.2	2.31	12.7	2.52	14.2	2.71	15.7	2.89
		52.0	6.4	1.85	7.0	1.87	7.7	1.90	8.1	1.92	8.9	1.97	9.8	2.02	10.8	2.08

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	6.0	0.27	7.2	0.40	8.4	0.53	9.0	0.59	10.2	0.72	11.3	0.85	12.5	0.97
		-5.0	6.0	0.27	7.2	0.40	8.4	0.53	9.0	0.60	10.2	0.72	11.3	0.85	12.5	0.97
		0.0	6.0	0.27	7.2	0.40	8.4	0.53	9.0	0.60	10.2	0.72	11.3	0.85	12.5	0.97
		5.0	6.0	0.28	7.2	0.41	8.4	0.54	9.0	0.60	10.2	0.73	11.3	0.85	12.5	0.98
		10.0	6.0	0.28	7.2	0.41	8.4	0.54	9.0	0.60	10.2	0.73	11.3	0.85	12.5	0.98
		15.0	6.0	0.28	7.2	0.41	8.4	0.54	9.0	0.61	10.2	0.73	11.3	0.86	12.5	0.98
		20.0	6.0	0.29	7.2	0.42	8.4	0.55	9.0	0.61	10.2	0.74	11.3	0.86	12.5	0.99
		25.0	6.0	0.30	7.2	0.43	8.4	0.56	9.0	0.62	10.2	0.75	11.3	0.87	12.5	1.00
		30.0	6.0	0.42	7.2	0.50	8.4	0.60	9.0	0.66	10.2	0.77	11.3	0.90	12.5	1.04
		35.0	6.0	0.85	7.2	0.96	8.4	1.06	9.0	1.10	10.2	1.18	11.3	1.27	12.5	1.39
		40.0	6.0	1.07	7.2	1.21	8.4	1.34	9.0	1.39	10.2	1.50	11.3	1.58	12.5	1.66
		43.0	6.0	1.20	7.2	1.37	8.4	1.51	9.0	1.58	10.2	1.70	11.3	1.80	12.5	1.89
		46.0	6.0	1.39	7.2	1.54	8.4	1.69	9.0	1.75	10.2	1.88	11.3	1.98	12.5	2.08
		52.0	6.0	1.64	7.0	1.87	7.7	1.90	8.1	1.92	8.9	1.97	9.8	2.02	10.8	2.08

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	4.5	0.11	5.4	0.21	6.3	0.31	6.7	0.36	7.6	0.45	8.5	0.55	9.4	0.65
		-5.0	4.5	0.11	5.4	0.21	6.3	0.31	6.7	0.36	7.6	0.46	8.5	0.55	9.4	0.65
		0.0	4.5	0.11	5.4	0.21	6.3	0.31	6.7	0.36	7.6	0.46	8.5	0.56	9.4	0.65
		5.0	4.5	0.11	5.4	0.21	6.3	0.31	6.7	0.36	7.6	0.46	8.5	0.56	9.4	0.66
		10.0	4.5	0.11	5.4	0.21	6.3	0.31	6.7	0.36	7.6	0.46	8.5	0.56	9.4	0.66
		15.0	4.5	0.11	5.4	0.21	6.3	0.32	6.7	0.37	7.6	0.47	8.5	0.57	9.4	0.66
		20.0	4.5	0.12	5.4	0.22	6.3	0.32	6.7	0.37	7.6	0.47	8.5	0.57	9.4	0.67
		25.0	4.5	0.13	5.4	0.23	6.3	0.33	6.7	0.38	7.6	0.49	8.5	0.58	9.4	0.68
		30.0	4.5	0.15	5.4	0.24	6.3	0.34	6.7	0.40	7.6	0.52	8.5	0.64	9.4	0.75
		35.0	4.5	0.60	5.4	0.66	6.3	0.73	6.7	0.78	7.6	0.88	8.5	0.97	9.4	1.07
		40.0	4.5	0.76	5.4	0.84	6.3	0.92	6.7	0.95	7.6	1.00	8.5	1.04	9.4	1.07
		43.0	4.5	0.86	5.4	0.96	6.3	1.05	6.7	1.08	7.6	1.14	8.5	1.19	9.4	1.23
		46.0	4.5	1.07	5.4	1.17	6.3	1.25	6.7	1.28	7.6	1.35	8.5	1.40	9.4	1.44
		52.0	4.5	1.25	5.4	1.38	6.3	1.49	6.7	1.54	7.6	1.58	8.5	1.61	9.4	1.62

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-2. U-8ME2E8 (Heating)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	100%	-24.9	-25.0	17.5	5.46	17.1	5.37	16.2	5.17	15.7	5.07	14.3	4.74	13.3	4.49	10.7	3.80
		-19.8	-20.0	18.4	5.57	17.9	5.48	17.0	5.28	16.5	5.17	15.1	4.83	14.0	4.57	11.3	3.86
		-14.7	-15.0	19.6	5.76	19.2	5.64	18.2	5.43	17.7	5.32	16.1	4.96	15.0	4.70	12.1	3.95
		-9.6	-10.0	21.3	5.98	20.8	5.89	19.7	5.68	19.2	5.56	17.5	5.16	16.3	4.86	13.2	4.07
		-4.4	-5.0	23.5	6.15	22.9	6.06	21.7	5.85	21.1	5.73	19.3	5.35	18.0	5.06	14.5	4.23
		-1.8	-2.5	24.8	6.23	24.2	6.13	22.9	5.91	22.3	5.79	20.3	5.39	19.0	5.10	15.3	4.26
		0.8	0.0	26.2	6.30	25.6	6.19	24.3	5.96	23.6	5.84	21.5	5.43	20.1	5.13	15.7	4.12
		2.8	2.0	27.7	6.36	27.1	6.25	25.7	6.02	25.0	5.89	22.2	5.26	20.4	4.84	15.7	3.81
		6.0	5.0	28.7	5.84	27.8	5.66	25.9	5.30	25.0	5.12	22.2	4.59	20.4	4.24	15.7	3.37
		7.0	6.0	28.7	5.54	27.8	5.37	25.9	5.04	25.0	4.87	22.2	4.37	20.4	4.05	15.7	3.23
		8.6	7.5	28.7	5.11	27.8	4.96	25.9	4.66	25.0	4.51	22.2	4.06	20.4	3.77	15.7	3.03
		11.2	10.0	28.7	4.42	27.8	4.30	25.9	4.06	25.0	3.94	22.2	3.58	20.4	3.33	15.7	2.71
		16.4	15.0	28.7	3.24	27.8	3.17	25.9	3.02	25.0	2.95	22.2	2.71	20.4	2.55	15.7	2.11
		24.0	18.0	28.7	3.03	27.8	2.95	25.9	2.78	25.0	2.69	22.2	2.43	20.4	2.26	15.7	1.84

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	17.5	5.46	17.1	5.37	16.2	5.17	15.7	5.07	14.3	4.74	13.3	4.49	10.7	3.80
		-19.8	-20.0	18.4	5.57	17.9	5.48	17.0	5.28	16.5	5.17	15.1	4.83	14.0	4.57	11.3	3.86
		-14.7	-15.0	19.6	5.76	19.2	5.64	18.2	5.43	17.7	5.32	16.1	4.96	15.0	4.70	12.1	3.95
		-9.6	-10.0	21.3	5.98	20.8	5.89	19.7	5.68	19.2	5.56	17.5	5.16	16.3	4.86	13.2	4.07
		-4.4	-5.0	23.5	6.15	22.9	6.06	21.7	5.85	21.1	5.73	19.3	5.35	18.0	5.06	14.2	3.96
		-1.8	-2.5	24.8	6.23	24.2	6.13	22.9	5.91	22.3	5.79	20.0	4.97	18.3	4.61	14.2	3.71
		0.8	0.0	25.8	5.65	25.0	5.50	23.3	5.20	22.5	5.05	20.0	4.59	18.3	4.27	14.2	3.46
		2.8	2.0	25.8	5.14	25.0	5.01	23.3	4.74	22.5	4.61	20.0	4.20	18.3	3.93	14.2	3.23
		6.0	5.0	25.8	4.44	25.0	4.35	23.3	4.16	22.5	4.06	20.0	3.75	18.3	3.51	14.2	2.87
		7.0	6.0	25.8	4.33	25.0	4.23	23.3	4.02	22.5	3.91	20.0	3.58	18.3	3.35	14.2	2.75
		8.6	7.5	25.8	3.97	25.0	3.88	23.3	3.70	22.5	3.60	20.0	3.31	18.3	3.11	14.2	2.58
		11.2	10.0	25.8	3.40	25.0	3.34	23.3	3.20	22.5	3.13	20.0	2.90	18.3	2.74	14.2	2.31
		16.4	15.0	25.8	2.77	25.0	2.69	23.3	2.54	22.5	2.46	20.0	2.23	18.3	2.08	14.2	1.78
		24.0	18.0	25.8	2.77	25.0	2.69	23.3	2.54	22.5	2.46	20.0	2.23	18.3	2.08	14.2	1.69

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	80%	-24.9	-25.0	17.5	5.46	17.1	5.37	16.2	5.17	15.7	5.07	14.3	4.74	13.3	4.49	10.7	3.80
		-19.8	-20.0	18.4	5.57	17.9	5.48	17.0	5.28	16.5	5.17	15.1	4.83	14.0	4.57	11.3	3.86
		-14.7	-15.0	19.6	5.76	19.2	5.64	18.2	5.43	17.7	5.32	16.1	4.96	15.0	4.70	12.1	3.95
		-9.6	-10.0	21.3	5.98	20.8	5.89	19.7	5.68	19.2	5.56	17.5	5.16	16.3	4.86	12.6	3.70
		-4.4	-5.0	23.0	5.11	22.2	5.00	20.7	4.77	20.0	4.65	17.8	4.28	16.3	4.02	12.6	3.32
		-1.8	-2.5	23.0	4.70	22.2	4.61	20.7	4.41	20.0	4.31	17.8	3.98	16.3	3.75	12.6	3.13
		0.8	0.0	23.0	4.27	22.2	4.20	20.7	4.05	20.0	3.96	17.8	3.69	16.3	3.50	12.6	2.93
		2.8	2.0	23.0	3.93	22.2	3.87	20.7	3.74	20.0	3.67	17.8	3.43	16.3	3.25	12.6	2.74
		6.0	5.0	23.0	3.46	22.2	3.41	20.7	3.30	20.0	3.24	17.8	3.05	16.3	2.89	12.6	2.44
		7.0	6.0	23.0	3.35	22.2	3.29	20.7	3.17	20.0	3.11	17.8	2.90	16.3	2.75	12.6	2.33
		8.6	7.5	23.0	3.05	22.2	3.00	20.7	2.90	20.0	2.85	17.8	2.68	16.3	2.55	12.6	2.19
		11.2	10.0	23.0	2.59	22.2	2.56	20.7	2.49	20.0	2.46	17.8	2.34	16.3	2.24	12.6	1.95
		16.4	15.0	23.0	2.50	22.2	2.43	20.7	2.30	20.0	2.23	17.8	2.02	16.3	1.89	12.6	1.55
		24.0	18.0	23.0	2.50	22.2	2.43	20.7	2.30	20.0	2.23	17.8	2.02	16.3	1.89	12.6	1.55

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI
100%	70%	-24.9	-25.0	17.5	5.46	17.1	5.37	16.2	5.17	15.7	5.07	14.3	4.74	13.3	4.49	10.7	3.80
		-19.8	-20.0	18.4	5.57	17.9	5.48	17.0	5.28	16.5	5.17	15.1	4.83	14.0	4.57	11.0	3.86
		-14.7	-15.0	19.6	5.76	19.2	5.64	18.1	5.43	17.5	4.61	15.6	4.27	14.3	4.03	11.0	3.35
		-9.6	-10.0	20.1	4.48	19.4	4.41	18.1	4.25	17.5	4.16	15.6	3.88	14.3	3.67	11.0	3.10
		-4.4	-5.0	20.1	3.91	19.4	3.86	18.1	3.75	17.5	3.69	15.6	3.47	14.3	3.30	11.0	2.81
		-1.8	-2.5	20.1	3.64	19.4	3.60	18.1	3.50	17.5	3.44	15.6	3.25	14.3	3.10	11.0	2.65
		0.8	0.0	20.1	3.36	19.4	3.32	18.1	3.24	17.5	3.19	15.6	3.02	14.3	2.88	11.0	2.48
		2.8	2.0	20.1	3.07	19.4	3.04	18.1	2.98	17.5	2.94	15.6	2.79	14.3	2.67	11.0	2.31
		6.0	5.0	20.1	2.67	19.4	2.65	18.1	2.60	17.5	2.57	15.6	2.46	14.3	2.36	11.0	2.05
		7.0	6.0	20.1	2.55	19.4	2.53	18.1	2.48	17.5	2.45	15.6	2.34	14.3	2.25	11.0	1.97
		8.6	7.5	20.1	2.32	19.4	2.30	18.1	2.26	17.5	2.24	15.6	2.15	14.3	2.08	11.0	1.84
		11.2	10.0	20.1	2.24	19.4	2.18	18.1	2.06	17.5	2.00	15.6	1.87	14.3	1.82	11.0	1.64
		16.4	15.0	20.1	2.24	19.4	2.18	18.1	2.06	17.5	2.00	15.6	1.82	14.3	1.70	11.0	1.40
		24.0	18.0	20.1	2.24	19.4	2.18	18.1	2.06	17.5	2.00	15.6	1.82	14.3	1.70	11.0	1.40

3. Part Load of Outdoor Unit

U-8ME2E8 (Heating)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	60%	-24.9	-25.0	17.2	4.44	16.7	4.37	15.6	4.23	15.0	4.15	13.3	3.89	12.2	3.68	9.4	3.05
		-19.8	-20.0	17.2	4.17	16.7	4.12	15.6	3.99	15.0	3.92	13.3	3.69	12.2	3.51	9.4	2.96
		-14.7	-15.0	17.2	3.86	16.7	3.81	15.6	3.71	15.0	3.65	13.3	3.45	12.2	3.30	9.4	2.82
		-9.6	-10.0	17.2	3.51	16.7	3.47	15.6	3.39	15.0	3.34	13.3	3.17	12.2	3.03	9.4	2.61
		-4.4	-5.0	17.2	3.09	16.7	3.07	15.6	3.00	15.0	2.97	13.3	2.83	12.2	2.72	9.4	2.36
		-1.8	-2.5	17.2	2.86	16.7	2.84	15.6	2.79	15.0	2.76	13.3	2.64	12.2	2.54	9.4	2.22
		0.8	0.0	17.2	2.62	16.7	2.61	15.6	2.57	15.0	2.55	13.3	2.45	12.2	2.36	9.4	2.08
		2.8	2.0	17.2	2.39	16.7	2.38	15.6	2.36	15.0	2.34	13.3	2.26	12.2	2.19	9.4	1.94
		6.0	5.0	17.2	2.05	16.7	2.05	15.6	2.04	15.0	2.03	13.3	1.97	12.2	1.91	9.4	1.71
		7.0	6.0	17.2	1.97	16.7	1.93	15.6	1.92	15.0	1.91	13.3	1.87	12.2	1.82	9.4	1.65
		8.6	7.5	17.2	1.97	16.7	1.92	15.6	1.82	15.0	1.77	13.3	1.72	12.2	1.69	9.4	1.54
		11.2	10.0	17.2	1.97	16.7	1.92	15.6	1.82	15.0	1.77	13.3	1.62	12.2	1.51	9.4	1.38
		16.4	15.0	17.2	1.97	16.7	1.92	15.6	1.82	15.0	1.77	13.3	1.62	12.2	1.51	9.4	1.26
		24.0	18.0	17.2	1.97	16.7	1.92	15.6	1.82	15.0	1.77	13.3	1.62	12.2	1.51	9.4	1.26
100%	50%	-24.9	-25.0	14.4	3.47	13.9	3.44	13.0	3.36	12.5	3.31	11.1	3.14	10.2	3.01	7.9	2.55
		-19.8	-20.0	14.4	3.29	13.9	3.26	13.0	3.19	12.5	3.15	11.1	2.99	10.2	2.87	7.9	2.48
		-14.7	-15.0	14.4	3.05	13.9	3.03	13.0	2.97	12.5	2.93	11.1	2.80	10.2	2.69	7.9	2.35
		-9.6	-10.0	14.4	2.76	13.9	2.75	13.0	2.70	12.5	2.67	11.1	2.57	10.2	2.47	7.9	2.17
		-4.4	-5.0	14.4	2.42	13.9	2.41	13.0	2.39	12.5	2.37	11.1	2.29	10.2	2.21	7.9	1.96
		-1.8	-2.5	14.4	2.24	13.9	2.23	13.0	2.21	12.5	2.20	11.1	2.13	10.2	2.07	7.9	1.85
		0.8	0.0	14.4	2.04	13.9	2.04	13.0	2.03	12.5	2.03	11.1	1.98	10.2	1.92	7.9	1.73
		2.8	2.0	14.4	1.85	13.9	1.86	13.0	1.86	12.5	1.85	11.1	1.82	10.2	1.78	7.9	1.61
		6.0	5.0	14.4	1.71	13.9	1.67	13.0	1.58	12.5	1.58	11.1	1.56	10.2	1.54	7.9	1.41
		7.0	6.0	14.4	1.71	13.9	1.67	13.0	1.58	12.5	1.54	11.1	1.48	10.2	1.47	7.9	1.37
		8.6	7.5	14.4	1.71	13.9	1.67	13.0	1.58	12.5	1.54	11.1	1.41	10.2	1.36	7.9	1.28
		11.2	10.0	14.4	1.71	13.9	1.67	13.0	1.58	12.5	1.54	11.1	1.41	10.2	1.33	7.9	1.15
		16.4	15.0	14.4	1.71	13.9	1.67	13.0	1.58	12.5	1.54	11.1	1.41	10.2	1.33	7.9	1.11
		24.0	18.0	14.4	1.71	13.9	1.67	13.0	1.58	12.5	1.54	11.1	1.41	10.2	1.33	7.9	1.11
100%	40%	-24.9	-25.0	11.5	2.70	11.1	2.69	10.4	2.64	10.0	2.61	8.9	2.50	8.1	2.41	6.3	2.09
		-19.8	-20.0	11.5	2.56	11.1	2.55	10.4	2.51	10.0	2.48	8.9	2.38	8.1	2.30	6.3	2.02
		-14.7	-15.0	11.5	2.37	11.1	2.36	10.4	2.33	10.0	2.31	8.9	2.23	8.1	2.15	6.3	1.91
		-9.6	-10.0	11.5	2.14	11.1	2.14	10.4	2.12	10.0	2.10	8.9	2.04	8.1	1.98	6.3	1.77
		-4.4	-5.0	11.5	1.88	11.1	1.88	10.4	1.87	10.0	1.86	8.9	1.82	8.1	1.77	6.3	1.60
		-1.8	-2.5	11.5	1.73	11.1	1.73	10.4	1.73	10.0	1.73	8.9	1.70	8.1	1.66	6.3	1.51
		0.8	0.0	11.5	1.57	11.1	1.58	10.4	1.58	10.0	1.58	8.9	1.56	8.1	1.53	6.3	1.41
		2.8	2.0	11.5	1.44	11.1	1.41	10.4	1.43	10.0	1.43	8.9	1.42	8.1	1.40	6.3	1.31
		6.0	5.0	11.5	1.44	11.1	1.41	10.4	1.34	10.0	1.31	8.9	1.23	8.1	1.23	6.3	1.16
		7.0	6.0	11.5	1.44	11.1	1.41	10.4	1.34	10.0	1.31	8.9	1.21	8.1	1.17	6.3	1.12
		8.6	7.5	11.5	1.44	11.1	1.41	10.4	1.34	10.0	1.31	8.9	1.21	8.1	1.14	6.3	1.06
		11.2	10.0	11.5	1.44	11.1	1.41	10.4	1.34	10.0	1.31	8.9	1.21	8.1	1.14	6.3	0.97
		16.4	15.0	11.5	1.44	11.1	1.41	10.4	1.34	10.0	1.31	8.9	1.21	8.1	1.14	6.3	0.97
		24.0	18.0	11.5	1.44	11.1	1.41	10.4	1.34	10.0	1.31	8.9	1.21	8.1	1.14	6.3	0.97
100%	30%	-24.9	-25.0	8.6	2.03	8.3	2.02	7.8	2.00	7.5	1.98	6.7	1.91	6.1	1.85	4.7	1.64
		-19.8	-20.0	8.6	1.93	8.3	1.92	7.8	1.90	7.5	1.89	6.7	1.83	6.1	1.77	4.7	1.58
		-14.7	-15.0	8.6	1.79	8.3	1.78	7.8	1.77	7.5	1.76	6.7	1.71	6.1	1.66	4.7	1.50
		-9.6	-10.0	8.6	1.62	8.3	1.62	7.8	1.61	7.5	1.60	6.7	1.57	6.1	1.53	4.7	1.39
		-4.4	-5.0	8.6	1.40	8.3	1.41	7.8	1.41	7.5	1.41	6.7	1.39	6.1	1.37	4.7	1.26
		-1.8	-2.5	8.6	1.28	8.3	1.29	7.8	1.30	7.5	1.30	6.7	1.29	6.1	1.28	4.7	1.19
		0.8	0.0	8.6	1.18	8.3	1.17	7.8	1.19	7.5	1.19	6.7	1.19	6.1	1.18	4.7	1.11
		2.8	2.0	8.6	1.18	8.3	1.16	7.8	1.10	7.5	1.08	6.7	1.09	6.1	1.09	4.7	1.04
		6.0	5.0	8.6	1.18	8.3	1.16	7.8	1.10	7.5	1.08	6.7	1.00	6.1	0.96	4.7	0.94
		7.0	6.0	8.6	1.18	8.3	1.16	7.8	1.10	7.5	1.08	6.7	1.00	6.1	0.95	4.7	0.91
		8.6	7.5	8.6	1.18	8.3	1.16	7.8	1.10	7.5	1.08	6.7	1.00	6.1	0.95	4.7	0.86
		11.2	10.0	8.6	1.18	8.3	1.16	7.8	1.10	7.5	1.08	6.7	1.00	6.1	0.95	4.7	0.82
		16.4	15.0	8.6	1.18	8.3	1.16	7.8	1.10	7.5	1.08	6.7	1.00	6.1	0.95	4.7	0.82
		24.0	18.0	8.6	1.18	8.3	1.16	7.8	1.10	7.5	1.08	6.7	1.00	6.1	0.95	4.7	0.82

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-3. U-10ME2E8 (Cooling)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	18.7	1.77	22.4	2.13	26.1	2.48	28.0	2.66	31.7	3.01	35.5	3.37	39.2	3.72
		-5.0	18.7	1.77	22.4	2.13	26.1	2.48	28.0	2.66	31.7	3.02	35.5	3.37	39.2	3.72
		0.0	18.7	1.78	22.4	2.13	26.1	2.49	28.0	2.67	31.7	3.02	35.5	3.38	39.2	3.73
		5.0	18.7	1.78	22.4	2.14	26.1	2.50	28.0	2.67	31.7	3.03	35.5	3.39	39.2	3.75
		10.0	18.7	1.79	22.4	2.15	26.1	2.51	28.0	2.70	31.7	3.07	35.5	3.45	39.2	3.82
		15.0	18.7	1.82	22.4	2.21	26.1	2.60	28.0	2.81	31.7	3.22	35.5	3.63	39.2	4.02
		20.0	18.7	2.03	22.4	2.50	26.1	3.02	28.0	3.30	31.7	3.91	35.5	4.58	39.2	5.31
		25.0	18.7	2.61	22.4	3.22	26.1	3.90	28.0	4.26	31.7	5.02	35.5	5.85	39.2	6.74
		30.0	18.7	3.27	22.4	4.03	26.1	4.86	28.0	5.30	31.7	6.22	35.5	7.21	39.2	8.27
		35.0	18.7	3.98	22.4	4.90	26.1	5.89	28.0	6.42	31.7	7.51	35.5	8.68	37.5	8.97
		40.0	18.7	4.75	22.4	5.84	26.1	7.01	28.0	7.62	31.7	8.91	33.2	8.97	34.6	8.97
		43.0	18.7	5.23	22.4	6.43	26.1	7.72	28.0	8.39	30.3	8.97	31.7	8.97	32.4	8.53
		46.0	18.5	5.69	22.2	7.00	23.6	7.12	23.8	6.93	24.4	6.61	25.3	6.36	26.2	6.16
		52.0	8.1	2.44	8.8	2.46	9.6	2.51	10.1	2.54	11.1	2.60	12.2	2.68	13.5	2.76

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	16.8	1.43	20.2	1.80	23.5	2.15	25.2	2.32	28.6	2.67	31.9	3.00	35.3	3.33
		-5.0	16.8	1.43	20.2	1.80	23.5	2.15	25.2	2.33	28.6	2.67	31.9	3.01	35.3	3.33
		0.0	16.8	1.44	20.2	1.80	23.5	2.16	25.2	2.33	28.6	2.68	31.9	3.01	35.3	3.34
		5.0	16.8	1.44	20.2	1.81	23.5	2.17	25.2	2.34	28.6	2.68	31.9	3.02	35.3	3.35
		10.0	16.8	1.45	20.2	1.82	23.5	2.17	25.2	2.35	28.6	2.70	31.9	3.04	35.3	3.38
		15.0	16.8	1.46	20.2	1.84	23.5	2.21	25.2	2.40	28.6	2.77	31.9	3.13	35.3	3.49
		20.0	16.8	1.58	20.2	2.01	23.5	2.43	25.2	2.63	28.6	3.03	31.9	3.49	35.3	3.97
		25.0	16.8	2.11	20.2	2.61	23.5	3.13	25.2	3.40	28.6	3.94	31.9	4.50	35.3	5.08
		30.0	16.8	2.73	20.2	3.33	23.5	3.95	25.2	4.26	28.6	4.90	31.9	5.55	35.3	6.22
		35.0	16.8	3.49	20.2	4.22	23.5	4.97	25.2	5.34	28.6	6.10	31.9	6.88	35.3	7.69
		40.0	16.8	4.17	20.2	5.01	23.5	5.86	25.2	6.29	28.6	7.17	31.9	8.08	34.6	8.97
		43.0	16.8	4.58	20.2	5.49	23.5	6.41	25.2	6.88	28.6	7.85	31.7	8.97	32.4	8.53
		46.0	16.8	4.91	20.2	5.96	23.5	7.05	23.8	6.93	24.4	6.61	25.3	6.36	26.2	6.16
		52.0	8.1	2.44	8.8	2.46	9.6	2.51	10.1	2.54	11.1	2.60	12.2	2.68	13.5	2.76

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	14.9	1.23	17.9	1.56	20.9	1.88	22.4	2.04	25.4	2.35	28.4	2.65	31.4	2.95
		-5.0	14.9	1.23	17.9	1.56	20.9	1.88	22.4	2.04	25.4	2.35	28.4	2.66	31.4	2.96
		0.0	14.9	1.23	17.9	1.56	20.9	1.89	22.4	2.04	25.4	2.36	28.4	2.66	31.4	2.96
		5.0	14.9	1.24	17.9	1.57	20.9	1.89	22.4	2.05	25.4	2.36	28.4	2.67	31.4	2.97
		10.0	14.9	1.24	17.9	1.58	20.9	1.90	22.4	2.06	25.4	2.37	28.4	2.67	31.4	2.98
		15.0	14.9	1.26	17.9	1.59	20.9	1.91	22.4	2.07	25.4	2.39	28.4	2.71	31.4	3.02
		20.0	14.9	1.30	17.9	1.66	20.9	2.01	22.4	2.18	25.4	2.52	28.4	2.85	31.4	3.17
		25.0	14.9	1.71	17.9	2.09	20.9	2.48	22.4	2.67	25.4	3.07	28.4	3.47	31.4	3.87
		30.0	14.9	2.25	17.9	2.72	20.9	3.19	22.4	3.43	25.4	3.91	28.4	4.39	31.4	4.86
		35.0	14.9	2.92	17.9	3.50	20.9	4.08	22.4	4.37	25.4	4.95	28.4	5.52	31.4	6.10
		40.0	14.9	3.52	17.9	4.20	20.9	4.87	22.4	5.20	25.4	5.86	28.4	6.53	31.4	7.20
		43.0	14.9	3.89	17.9	4.63	20.9	5.35	22.4	5.71	25.4	6.43	28.4	7.17	31.4	7.91
		46.0	14.9	4.15	17.9	4.97	20.9	5.80	22.4	6.23	24.4	6.61	25.3	6.36	26.2	6.16
		52.0	8.1	2.44	8.8	2.46	9.6	2.51	10.1	2.54	11.1	2.60	12.2	2.68	13.5	2.76

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	13.1	1.02	15.7	1.31	18.3	1.60	19.6	1.74	22.2	2.02	24.8	2.30	27.4	2.56
		-5.0	13.1	1.02	15.7	1.31	18.3	1.60	19.6	1.74	22.2	2.02	24.8	2.30	27.4	2.57
		0.0	13.1	1.02	15.7	1.32	18.3	1.61	19.6	1.75	22.2	2.03	24.8	2.30	27.4	2.57
		5.0	13.1	1.03	15.7	1.32	18.3	1.61	19.6	1.75	22.2	2.03	24.8	2.31	27.4	2.58
		10.0	13.1	1.03	15.7	1.33	18.3	1.62	19.6	1.76	22.2	2.04	24.8	2.31	27.4	2.58
		15.0	13.1	1.04	15.7	1.34	18.3	1.63	19.6	1.77	22.2	2.05	24.8	2.32	27.4	2.59
		20.0	13.1	1.06	15.7	1.36	18.3	1.66	19.6	1.80	22.2	2.09	24.8	2.38	27.4	2.65
		25.0	13.1	1.28	15.7	1.59	18.3	1.90	19.6	2.05	22.2	2.33	24.8	2.61	27.4	2.89
		30.0	13.1	1.81	15.7	2.17	18.3	2.51	19.6	2.69	22.2	3.02	24.8	3.36	27.4	3.69
		35.0	13.1	2.39	15.7	2.84	18.3	3.28	19.6	3.49	22.2	3.92	24.8	4.33	27.4	4.73
		40.0	13.1	2.92	15.7	3.45	18.3	3.96	19.6	4.21	22.2	4.70	24.8	5.19	27.4	5.66
		43.0	13.1	3.24	15.7	3.82	18.3	4.38	19.6	4.65	22.2	5.19	24.8	5.72	27.4	6.24
		46.0	13.1	3.47	15.7	4.08	18.3	4.70	19.6	5.02	22.2	5.64	24.8	6.04	26.2	6.16
		52.0	8.1	2.44	8.8	2.46	9.6	2.51	10.1	2.54	11.1	2.60	12.2	2.68	13.5	2.76

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

U-10ME2E8 (Cooling)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	11.2	0.81	13.4	1.06	15.7	1.32	16.8	1.44	19.0	1.68	21.3	1.93	23.5	2.16
		-5.0	11.2	0.81	13.4	1.07	15.7	1.32	16.8	1.44	19.0	1.69	21.3	1.93	23.5	2.16
		0.0	11.2	0.81	13.4	1.07	15.7	1.32	16.8	1.44	19.0	1.69	21.3	1.93	23.5	2.17
		5.0	11.2	0.81	13.4	1.07	15.7	1.32	16.8	1.45	19.0	1.69	21.3	1.94	23.5	2.17
		10.0	11.2	0.82	13.4	1.08	15.7	1.33	16.8	1.45	19.0	1.70	21.3	1.94	23.5	2.18
		15.0	11.2	0.83	13.4	1.08	15.7	1.34	16.8	1.46	19.0	1.71	21.3	1.95	23.5	2.19
		20.0	11.2	0.84	13.4	1.10	15.7	1.35	16.8	1.47	19.0	1.72	21.3	1.96	23.5	2.20
		25.0	11.2	0.91	13.4	1.17	15.7	1.43	16.8	1.55	19.0	1.80	21.3	2.04	23.5	2.28
		30.0	11.2	1.42	13.4	1.67	15.7	1.91	16.8	2.03	19.0	2.26	21.3	2.47	23.5	2.68
		35.0	11.2	1.91	13.4	2.24	15.7	2.55	16.8	2.71	19.0	3.00	21.3	3.28	23.5	3.54
		40.0	11.2	2.36	13.4	2.76	15.7	3.14	16.8	3.32	19.0	3.67	21.3	4.01	23.5	4.33
		43.0	11.2	2.63	13.4	3.08	15.7	3.50	16.8	3.70	19.0	4.08	21.3	4.45	23.5	4.81
		46.0	11.2	2.85	13.4	3.31	15.7	3.75	16.8	3.97	19.0	4.39	21.3	4.81	23.5	5.22
		52.0	8.1	2.44	8.8	2.46	9.6	2.51	10.1	2.54	11.1	2.60	12.2	2.68	13.5	2.76

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	9.3	0.59	11.2	0.81	13.1	1.02	14.0	1.13	15.9	1.34	17.7	1.54	19.6	1.75
		-5.0	9.3	0.59	11.2	0.81	13.1	1.02	14.0	1.13	15.9	1.34	17.7	1.55	19.6	1.75
		0.0	9.3	0.59	11.2	0.81	13.1	1.03	14.0	1.13	15.9	1.34	17.7	1.55	19.6	1.75
		5.0	9.3	0.60	11.2	0.82	13.1	1.03	14.0	1.14	15.9	1.35	17.7	1.55	19.6	1.75
		10.0	9.3	0.60	11.2	0.82	13.1	1.03	14.0	1.14	15.9	1.35	17.7	1.56	19.6	1.76
		15.0	9.3	0.61	11.2	0.82	13.1	1.04	14.0	1.15	15.9	1.36	17.7	1.56	19.6	1.76
		20.0	9.3	0.62	11.2	0.83	13.1	1.05	14.0	1.16	15.9	1.36	17.7	1.57	19.6	1.77
		25.0	9.3	0.63	11.2	0.85	13.1	1.07	14.0	1.17	15.9	1.38	17.7	1.59	19.6	1.79
		30.0	9.3	1.07	11.2	1.23	13.1	1.33	14.0	1.40	15.9	1.56	17.7	1.73	19.6	1.91
		35.0	9.3	1.47	11.2	1.70	13.1	1.91	14.0	2.01	15.9	2.19	17.7	2.36	19.6	2.52
		40.0	9.3	1.84	11.2	2.13	13.1	2.40	14.0	2.52	15.9	2.75	17.7	2.97	19.6	3.17
		43.0	9.3	2.07	11.2	2.39	13.1	2.69	14.0	2.83	15.9	3.10	17.7	3.34	19.6	3.56
		46.0	9.3	2.30	11.2	2.62	13.1	2.92	14.0	3.07	15.9	3.35	17.7	3.61	19.6	3.85
		52.0	8.1	2.44	8.8	2.46	9.6	2.51	10.1	2.54	11.1	2.60	12.2	2.68	13.5	2.76

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	7.5	0.37	9.0	0.55	10.5	0.72	11.2	0.81	12.7	0.98	14.2	1.15	15.7	1.32
		-5.0	7.5	0.37	9.0	0.55	10.5	0.73	11.2	0.81	12.7	0.98	14.2	1.15	15.7	1.32
		0.0	7.5	0.37	9.0	0.55	10.5	0.73	11.2	0.81	12.7	0.98	14.2	1.15	15.7	1.32
		5.0	7.5	0.38	9.0	0.55	10.5	0.73	11.2	0.82	12.7	0.99	14.2	1.16	15.7	1.32
		10.0	7.5	0.38	9.0	0.56	10.5	0.73	11.2	0.82	12.7	0.99	14.2	1.16	15.7	1.33
		15.0	7.5	0.38	9.0	0.56	10.5	0.74	11.2	0.82	12.7	0.99	14.2	1.16	15.7	1.33
		20.0	7.5	0.39	9.0	0.57	10.5	0.74	11.2	0.83	12.7	1.00	14.2	1.17	15.7	1.34
		25.0	7.5	0.40	9.0	0.58	10.5	0.76	11.2	0.84	12.7	1.01	14.2	1.18	15.7	1.35
		30.0	7.5	0.54	9.0	0.66	10.5	0.80	11.2	0.88	12.7	1.04	14.2	1.22	15.7	1.40
		35.0	7.5	1.07	9.0	1.22	10.5	1.35	11.2	1.41	12.7	1.51	14.2	1.64	15.7	1.81
		40.0	7.5	1.37	9.0	1.56	10.5	1.73	11.2	1.81	12.7	1.95	14.2	2.07	15.7	2.17
		43.0	7.5	1.55	9.0	1.77	10.5	1.97	11.2	2.06	12.7	2.22	14.2	2.37	15.7	2.49
		46.0	7.5	1.81	9.0	2.03	10.5	2.22	11.2	2.31	12.7	2.47	14.2	2.62	15.7	2.75
		52.0	7.5	2.16	8.8	2.46	9.6	2.51	10.1	2.54	11.1	2.60	12.2	2.68	13.5	2.76

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	5.6	0.15	6.7	0.28	7.8	0.42	8.4	0.49	9.5	0.62	10.6	0.75	11.8	0.88
		-5.0	5.6	0.15	6.7	0.28	7.8	0.42	8.4	0.49	9.5	0.62	10.6	0.75	11.8	0.88
		0.0	5.6	0.15	6.7	0.29	7.8	0.42	8.4	0.49	9.5	0.62	10.6	0.76	11.8	0.89
		5.0	5.6	0.15	6.7	0.29	7.8	0.42	8.4	0.49	9.5	0.63	10.6	0.76	11.8	0.89
		10.0	5.6	0.15	6.7	0.29	7.8	0.43	8.4	0.49	9.5	0.63	10.6	0.76	11.8	0.89
		15.0	5.6	0.16	6.7	0.29	7.8	0.43	8.4	0.50	9.5	0.64	10.6	0.77	11.8	0.90
		20.0	5.6	0.16	6.7	0.30	7.8	0.43	8.4	0.50	9.5	0.64	10.6	0.78	11.8	0.91
		25.0	5.6	0.17	6.7	0.31	7.8	0.44	8.4	0.52	9.5	0.65	10.6	0.79	11.8	0.92
		30.0	5.6	0.20	6.7	0.33	7.8	0.46	8.4	0.54	9.5	0.69	10.6	0.85	11.8	1.00
		35.0	5.6	0.72	6.7	0.81	7.8	0.91	8.4	0.98	9.5	1.11	10.6	1.24	11.8	1.36
		40.0	5.6	0.94	6.7	1.06	7.8	1.16	8.4	1.20	9.5	1.27	10.6	1.32	11.8	1.36
		43.0	5.6	1.08	6.7	1.22	7.8	1.34	8.4	1.39	9.5	1.47	10.6	1.54	11.8	1.59
		46.0	5.6	1.38	6.7	1.51	7.8	1.62	8.4	1.67	9.5	1.76	10.6	1.83	11.8	1.88
		52.0	5.6	1.63	6.7	1.80	7.8	1.95	8.4	2.01	9.5	2.08	10.6	2.11	11.8	2.13

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-4. U-10ME2E8 (Heating)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	100%	-24.9	-25.0	24.6	8.49	24.0	8.34	22.7	8.01	22.1	7.85	20.1	7.30	18.8	6.89	15.2	5.76
		-19.8	-20.0	25.7	8.66	25.1	8.50	23.8	8.17	23.2	7.99	21.1	7.43	19.7	7.01	16.0	5.85
		-14.7	-15.0	27.4	8.92	26.8	8.75	25.4	8.40	24.7	8.22	22.6	7.62	21.1	7.19	17.1	5.99
		-9.6	-10.0	29.7	9.27	29.0	9.12	27.6	8.74	26.8	8.54	24.5	7.91	22.9	7.45	18.6	6.18
		-4.4	-5.0	31.5	9.27	31.1	9.27	30.4	9.18	29.6	8.95	27.0	8.28	25.3	7.79	19.8	6.15
		-1.8	-2.5	32.8	9.27	32.4	9.27	31.6	9.27	31.2	9.26	28.0	8.32	25.7	7.61	19.8	5.89
		0.8	0.0	34.4	9.27	34.0	9.27	32.7	9.08	31.5	8.73	28.0	7.72	25.7	7.07	19.8	5.48
		2.8	2.0	36.2	9.26	35.0	8.94	32.7	8.32	31.5	8.01	28.0	7.10	25.7	6.51	19.8	5.07
		6.0	5.0	36.2	8.01	35.0	7.74	32.7	7.22	31.5	6.96	28.0	6.20	25.7	5.70	19.8	4.47
		7.0	6.0	36.2	7.60	35.0	7.35	32.7	6.87	31.5	6.62	28.0	5.90	25.7	5.43	19.8	4.29
		8.6	7.5	36.2	7.00	35.0	6.78	32.7	6.34	31.5	6.12	28.0	5.48	25.7	5.05	19.8	4.01
		11.2	10.0	36.2	6.06	35.0	5.88	32.7	5.52	31.5	5.34	28.0	4.81	25.7	4.46	19.8	3.58
		16.4	15.0	36.2	4.41	35.0	4.31	32.7	4.09	31.5	3.98	28.0	3.64	25.7	3.40	19.8	2.79
		24.0	18.0	36.2	3.93	35.0	3.82	32.7	3.60	31.5	3.48	28.0	3.15	25.7	2.92	19.8	2.36

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	24.6	8.49	24.0	8.34	22.7	8.01	22.1	7.85	20.1	7.30	18.8	6.89	15.2	5.76
		-19.8	-20.0	25.7	8.66	25.1	8.50	23.8	8.17	23.2	7.99	21.1	7.43	19.7	7.01	16.0	5.85
		-14.7	-15.0	27.4	8.92	26.8	8.75	25.4	8.40	24.7	8.22	22.6	7.62	21.1	7.19	17.1	5.99
		-9.6	-10.0	29.7	9.27	29.0	9.12	27.6	8.74	26.8	8.54	24.5	7.91	22.9	7.45	17.9	5.70
		-4.4	-5.0	31.5	9.27	31.1	9.27	29.4	8.25	28.4	7.98	25.2	7.17	23.1	6.62	17.9	5.25
		-1.8	-2.5	32.6	8.40	31.5	8.15	29.4	7.66	28.4	7.41	25.2	6.67	23.1	6.17	17.9	4.92
		0.8	0.0	32.6	7.70	31.5	7.48	29.4	7.04	28.4	6.82	25.2	6.16	23.1	5.71	17.9	4.58
		2.8	2.0	32.6	6.99	31.5	6.80	29.4	6.42	28.4	6.22	25.2	5.63	23.1	5.26	17.9	4.28
		6.0	5.0	32.6	6.04	31.5	5.91	29.4	5.63	28.4	5.49	25.2	5.04	23.1	4.70	17.9	3.80
		7.0	6.0	32.6	5.92	31.5	5.76	29.4	5.44	28.4	5.28	25.2	4.80	23.1	4.47	17.9	3.63
		8.6	7.5	32.6	5.42	31.5	5.28	29.4	5.01	28.4	4.87	25.2	4.44	23.1	4.15	17.9	3.40
		11.2	10.0	32.6	4.64	31.5	4.53	29.4	4.32	28.4	4.21	25.2	3.88	23.1	3.65	17.9	3.03
		16.4	15.0	32.6	3.58	31.5	3.48	29.4	3.28	28.4	3.18	25.2	2.89	23.1	2.75	17.9	2.33
		24.0	18.0	32.6	3.58	31.5	3.48	29.4	3.28	28.4	3.18	25.2	2.87	23.1	2.67	17.9	2.16

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	80%	-24.9	-25.0	24.6	8.49	24.0	8.34	22.7	8.01	22.1	7.85	20.1	7.30	18.8	6.89	15.2	5.76
		-19.8	-20.0	25.7	8.66	25.1	8.50	23.8	8.17	23.2	7.99	21.1	7.43	19.7	7.01	15.9	5.85
		-14.7	-15.0	27.4	8.92	26.8	8.75	25.4	8.40	24.7	8.22	22.4	7.62	20.5	6.45	15.9	5.17
		-9.6	-10.0	28.9	7.89	28.0	7.70	26.1	7.29	25.2	7.09	22.4	6.46	20.5	6.02	15.9	4.88
		-4.4	-5.0	28.9	6.90	28.0	6.74	26.1	6.41	25.2	6.24	22.4	5.71	20.5	5.35	15.9	4.37
		-1.8	-2.5	28.9	6.35	28.0	6.21	26.1	5.92	25.2	5.77	22.4	5.31	20.5	4.98	15.9	4.13
		0.8	0.0	28.9	5.78	28.0	5.65	26.1	5.43	25.2	5.31	22.4	4.93	20.5	4.65	15.9	3.87
		2.8	2.0	28.9	5.30	28.0	5.22	26.1	5.02	25.2	4.92	22.4	4.57	20.5	4.32	15.9	3.61
		6.0	5.0	28.9	4.67	28.0	4.60	26.1	4.44	25.2	4.35	22.4	4.07	20.5	3.84	15.9	3.20
		7.0	6.0	28.9	4.54	28.0	4.45	26.1	4.27	25.2	4.17	22.4	3.87	20.5	3.65	15.9	3.06
		8.6	7.5	28.9	4.13	28.0	4.06	26.1	3.91	25.2	3.83	22.4	3.57	20.5	3.38	15.9	2.86
		11.2	10.0	28.9	3.50	28.0	3.45	26.1	3.35	25.2	3.29	22.4	3.10	20.5	2.96	15.9	2.55
		16.4	15.0	28.9	3.24	28.0	3.15	26.1	2.96	25.2	2.87	22.4	2.60	20.5	2.42	15.9	1.97
		24.0	18.0	28.9	3.24	28.0	3.15	26.1	2.96	25.2	2.87	22.4	2.60	20.5	2.42	15.9	1.97

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	70%	-24.9	-25.0	24.6	8.49	24.0	8.34	22.7	8.01	22.1	7.85	19.6	7.30	18.0	5.85	13.9	4.77
		-19.8	-20.0	25.3	7.27	24.5	7.12	22.9	6.79	22.1	6.62	19.6	6.05	18.0	5.61	13.9	4.59
		-14.7	-15.0	25.3	6.70	24.5	6.56	22.9	6.28	22.1	6.14	19.6	5.67	18.0	5.34	13.9	4.39
		-9.6	-10.0	25.3	6.00	24.5	5.89	22.9	5.66	22.1	5.54	19.6	5.14	18.0	4.85	13.9	4.07
		-4.4	-5.0	25.3	5.22	24.5	5.15	22.9	4.99	22.1	4.90	19.6	4.59	18.0	4.36	13.9	3.68
		-1.8	-2.5	25.3	4.86	24.5	4.80	22.9	4.66	22.1	4.58	19.6	4.30	18.0	4.09	13.9	3.47
		0.8	0.0	25.3	4.48	24.5	4.43	22.9	4.31	22.1	4.24	19.6	3.99	18.0	3.81	13.9	3.25
		2.8	2.0	25.3	4.11	24.5	4.06	22.9	3.96	22.1	3.90	19.6	3.69	18.0	3.53	13.9	3.03
		6.0	5.0	25.3	3.57	24.5	3.54	22.9	3.47	22.1	3.42	19.6	3.26	18.0	3.12	13.9	2.68
		7.0	6.0	25.3	3.44	24.5	3.40	22.9	3.31	22.1	3.26	19.6	3.09	18.0	2.96	13.9	2.57
		8.6	7.5	25.3	3.11	24.5	3.08	22.9	3.02	22.1	2.98	19.6	2.85	18.0	2.74	13.9	2.40
		11.2	10.0	25.3	2.89	24.5	2.81	22.9	2.65	22.1	2.57	19.6	2.47	18.0	2.39	13.9	2.13
		16.4	15.0	25.3	2.89	24.5	2.81	22.9	2.65	22.1	2.57	19.6	2.33	18.0	2.18	13.9	1.78
		24.0	18.0	25.3	2.89	24.5	2.81	22.9	2.65	22.1	2.57	19.6	2.33	18.0	2.18	13.9	1.78

3. Part Load of Outdoor Unit

U-10ME2E8 (Heating)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	°CDB	°CWB	-24.9	-25.0	21.7	5.90	21.0	5.81	19.6	5.60	18.9	5.49	16.8	5.12	15.4	4.83
		°CDB	°CWB	-19.8	-20.0	21.7	5.55	21.0	5.46	19.6	5.28	18.9	5.18	16.8	4.86	15.4	4.61
		°CDB	°CWB	-14.7	-15.0	21.7	5.10	21.0	5.04	19.6	4.90	18.9	4.82	16.8	4.54	15.4	4.33
		°CDB	°CWB	-9.6	-10.0	21.7	4.63	21.0	4.59	19.6	4.47	18.9	4.40	16.8	4.16	15.4	3.98
		°CDB	°CWB	-4.4	-5.0	21.7	4.09	21.0	4.05	19.6	3.96	18.9	3.91	16.8	3.72	15.4	3.56
		°CDB	°CWB	-1.8	-2.5	21.7	3.79	21.0	3.76	19.6	3.68	18.9	3.64	16.8	3.47	15.4	3.33
		°CDB	°CWB	0.8	0.0	21.7	3.47	21.0	3.45	19.6	3.39	18.9	3.35	16.8	3.21	15.4	3.09
		°CDB	°CWB	2.8	2.0	21.7	3.16	21.0	3.14	19.6	3.10	18.9	3.07	16.8	2.96	15.4	2.86
		°CDB	°CWB	6.0	5.0	21.7	2.71	21.0	2.71	19.6	2.69	18.9	2.67	16.8	2.59	15.4	2.50
		°CDB	°CWB	7.0	6.0	21.7	2.57	21.0	2.56	19.6	2.54	18.9	2.52	16.8	2.45	15.4	2.38
		°CDB	°CWB	8.6	7.5	21.7	2.54	21.0	2.47	19.6	2.33	18.9	2.30	16.8	2.25	15.4	2.20
		°CDB	°CWB	11.2	10.0	21.7	2.54	21.0	2.47	19.6	2.33	18.9	2.27	16.8	2.06	15.4	1.93
		°CDB	°CWB	16.4	15.0	21.7	2.54	21.0	2.47	19.6	2.33	18.9	2.27	16.8	2.06	15.4	1.93
		°CDB	°CWB	24.0	18.0	21.7	2.54	21.0	2.47	19.6	2.33	18.9	2.27	16.8	2.06	15.4	1.93
100%	50%	°CDB	°CWB	-24.9	-25.0	18.1	4.55	17.5	4.51	16.3	4.40	15.8	4.33	14.0	4.11	12.8	3.93
		°CDB	°CWB	-19.8	-20.0	18.1	4.32	17.5	4.27	16.3	4.18	15.8	4.12	14.0	3.91	12.8	3.75
		°CDB	°CWB	-14.7	-15.0	18.1	4.00	17.5	3.97	16.3	3.89	15.8	3.84	14.0	3.66	12.8	3.51
		°CDB	°CWB	-9.6	-10.0	18.1	3.62	17.5	3.60	16.3	3.53	15.8	3.49	14.0	3.35	12.8	3.22
		°CDB	°CWB	-4.4	-5.0	18.1	3.17	17.5	3.16	16.3	3.12	15.8	3.09	14.0	2.98	12.8	2.88
		°CDB	°CWB	-1.8	-2.5	18.1	2.93	17.5	2.92	16.3	2.89	15.8	2.87	14.0	2.77	12.8	2.69
		°CDB	°CWB	0.8	0.0	18.1	2.67	17.5	2.67	16.3	2.65	15.8	2.64	14.0	2.56	12.8	2.49
		°CDB	°CWB	2.8	2.0	18.1	2.41	17.5	2.42	16.3	2.42	15.8	2.41	14.0	2.36	12.8	2.30
		°CDB	°CWB	6.0	5.0	18.1	2.19	17.5	2.13	16.3	2.06	15.8	2.06	14.0	2.03	12.8	1.99
		°CDB	°CWB	7.0	6.0	18.1	2.19	17.5	2.13	16.3	2.02	15.8	1.96	14.0	1.92	12.8	1.89
		°CDB	°CWB	8.6	7.5	18.1	2.19	17.5	2.13	16.3	2.02	15.8	1.96	14.0	1.79	12.8	1.75
		°CDB	°CWB	11.2	10.0	18.1	2.19	17.5	2.13	16.3	2.02	15.8	1.96	14.0	1.79	12.8	1.68
		°CDB	°CWB	16.4	15.0	18.1	2.19	17.5	2.13	16.3	2.02	15.8	1.96	14.0	1.79	12.8	1.68
		°CDB	°CWB	24.0	18.0	18.1	2.19	17.5	2.13	16.3	2.02	15.8	1.96	14.0	1.79	12.8	1.68
100%	40%	°CDB	°CWB	-24.9	-25.0	14.5	3.52	14.0	3.50	13.1	3.43	12.6	3.39	11.2	3.24	10.3	3.12
		°CDB	°CWB	-19.8	-20.0	14.5	3.33	14.0	3.31	13.1	3.26	12.6	3.22	11.2	3.09	10.3	2.97
		°CDB	°CWB	-14.7	-15.0	14.5	3.09	14.0	3.07	13.1	3.03	12.6	3.00	11.2	2.89	10.3	2.79
		°CDB	°CWB	-9.6	-10.0	14.5	2.78	14.0	2.77	13.1	2.75	12.6	2.72	11.2	2.64	10.3	2.55
		°CDB	°CWB	-4.4	-5.0	14.5	2.43	14.0	2.43	13.1	2.42	12.6	2.40	11.2	2.34	10.3	2.28
		°CDB	°CWB	-1.8	-2.5	14.5	2.23	14.0	2.24	13.1	2.24	12.6	2.23	11.2	2.18	10.3	2.13
		°CDB	°CWB	0.8	0.0	14.5	2.03	14.0	2.04	13.1	2.05	12.6	2.05	11.2	2.02	10.3	1.98
		°CDB	°CWB	2.8	2.0	14.5	1.84	14.0	1.83	13.1	1.85	12.6	1.85	11.2	1.83	10.3	1.81
		°CDB	°CWB	6.0	5.0	14.5	1.84	14.0	1.79	13.1	1.70	12.6	1.66	11.2	1.57	10.3	1.57
		°CDB	°CWB	7.0	6.0	14.5	1.84	14.0	1.79	13.1	1.70	12.6	1.66	11.2	1.52	10.3	1.49
		°CDB	°CWB	8.6	7.5	14.5	1.84	14.0	1.79	13.1	1.70	12.6	1.66	11.2	1.52	10.3	1.43
		°CDB	°CWB	11.2	10.0	14.5	1.84	14.0	1.79	13.1	1.70	12.6	1.66	11.2	1.52	10.3	1.43
		°CDB	°CWB	16.4	15.0	14.5	1.84	14.0	1.79	13.1	1.70	12.6	1.66	11.2	1.52	10.3	1.43
		°CDB	°CWB	24.0	18.0	14.5	1.84	14.0	1.79	13.1	1.70	12.6	1.66	11.2	1.52	10.3	1.43
100%	30%	°CDB	°CWB	-24.9	-25.0	10.9	2.63	10.5	2.61	9.8	2.58	9.5	2.56	8.4	2.46	7.7	2.38
		°CDB	°CWB	-19.8	-20.0	10.9	2.48	10.5	2.48	9.8	2.45	9.5	2.43	8.4	2.35	7.7	2.27
		°CDB	°CWB	-14.7	-15.0	10.9	2.30	10.5	2.30	9.8	2.28	9.5	2.26	8.4	2.20	7.7	2.13
		°CDB	°CWB	-9.6	-10.0	10.9	2.08	10.5	2.08	9.8	2.07	9.5	2.06	8.4	2.01	7.7	1.96
		°CDB	°CWB	-4.4	-5.0	10.9	1.81	10.5	1.81	9.8	1.81	9.5	1.81	8.4	1.78	7.7	1.75
		°CDB	°CWB	-1.8	-2.5	10.9	1.65	10.5	1.65	9.8	1.67	9.5	1.67	8.4	1.65	7.7	1.63
		°CDB	°CWB	0.8	0.0	10.9	1.49	10.5	1.49	9.8	1.51	9.5	1.52	8.4	1.52	7.7	1.50
		°CDB	°CWB	2.8	2.0	10.9	1.49	10.5	1.45	9.8	1.39	9.5	1.37	8.4	1.39	7.7	1.38
		°CDB	°CWB	6.0	5.0	10.9	1.49	10.5	1.45	9.8	1.39	9.5	1.35	8.4	1.25	7.7	1.21
		°CDB	°CWB	7.0	6.0	10.9	1.49	10.5	1.45	9.8	1.39	9.5	1.35	8.4	1.25	7.7	1.18
		°CDB	°CWB	8.6	7.5	10.9	1.49	10.5	1.45	9.8	1.39	9.5	1.35	8.4	1.25	7.7	1.18
		°CDB	°CWB	11.2	10.0	10.9	1.49	10.5	1.45	9.8	1.39	9.5	1.35	8.4	1.25	7.7	1.18
		°CDB	°CWB	16.4	15.0	10.9	1.49	10.5	1.45	9.8	1.39	9.5	1.35	8.4	1.25	7.7	1.18
		°CDB	°CWB	24.0	18.0	10.9	1.49	10.5	1.45	9.8	1.39	9.5	1.35	8.4	1.25	7.7	1.18

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 “1. Capacity of Outdoor Unit”.

3. Part Load of Outdoor Unit

3-5. U-12ME2E8 (Cooling)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	22.3	2.31	26.8	2.78	31.3	3.24	33.5	3.47	38.0	3.93	42.4	4.40	46.9	4.86
		-5.0	22.3	2.32	26.8	2.78	31.3	3.24	33.5	3.48	38.0	3.94	42.4	4.40	46.9	4.86
		0.0	22.3	2.32	26.8	2.79	31.3	3.25	33.5	3.48	38.0	3.94	42.4	4.41	46.9	4.88
		5.0	22.3	2.33	26.8	2.79	31.3	3.26	33.5	3.49	38.0	3.97	42.4	4.45	46.9	4.93
		10.0	22.3	2.34	26.8	2.81	31.3	3.30	33.5	3.55	38.0	4.05	42.4	4.56	46.9	5.05
		15.0	22.3	2.40	26.8	2.92	31.3	3.46	33.5	3.73	38.0	4.28	42.4	4.83	46.9	5.34
		20.0	22.3	2.74	26.8	3.36	31.3	4.04	33.5	4.41	38.0	5.21	42.4	6.08	46.9	7.03
		25.0	22.3	3.51	26.8	4.31	31.3	5.19	33.5	5.66	38.0	6.66	42.4	7.74	46.9	8.90
		30.0	22.3	4.37	26.8	5.37	31.3	6.45	33.5	7.02	38.0	8.22	42.4	9.52	46.9	10.90
		35.0	22.3	5.30	26.8	6.50	31.3	7.79	33.5	8.48	38.0	9.91	42.4	11.44	44.9	11.86
		40.0	22.3	6.30	26.8	7.72	31.3	9.25	33.5	10.05	38.0	11.73	39.8	11.86	41.5	11.86
		43.0	22.3	6.93	26.8	8.50	31.3	10.18	33.5	11.06	36.3	11.86	38.0	11.86	38.8	11.24
		46.0	22.1	7.53	26.5	9.24	28.2	9.40	28.5	9.15	29.2	8.73	30.2	8.40	31.4	8.15
		52.0	9.6	3.28	10.5	3.31	11.5	3.37	12.1	3.41	13.3	3.49	14.6	3.59	16.1	3.70

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	20.1	1.86	24.1	2.34	28.1	2.80	30.2	3.03	34.2	3.48	38.2	3.92	42.2	4.35
		-5.0	20.1	1.87	24.1	2.34	28.1	2.81	30.2	3.04	34.2	3.48	38.2	3.92	42.2	4.35
		0.0	20.1	1.87	24.1	2.35	28.1	2.81	30.2	3.04	34.2	3.49	38.2	3.93	42.2	4.36
		5.0	20.1	1.88	24.1	2.36	28.1	2.82	30.2	3.05	34.2	3.50	38.2	3.94	42.2	4.38
		10.0	20.1	1.89	24.1	2.37	28.1	2.84	30.2	3.07	34.2	3.54	38.2	4.00	42.2	4.45
		15.0	20.1	1.91	24.1	2.42	28.1	2.92	30.2	3.17	34.2	3.66	38.2	4.15	42.2	4.62
		20.0	20.1	2.12	24.1	2.70	28.1	3.26	30.2	3.53	34.2	4.06	38.2	4.65	42.2	5.28
		25.0	20.1	2.86	24.1	3.51	28.1	4.19	30.2	4.53	34.2	5.24	38.2	5.97	42.2	6.72
		30.0	20.1	3.66	24.1	4.45	28.1	5.25	30.2	5.66	34.2	6.49	38.2	7.34	42.2	8.21
		35.0	20.1	4.66	24.1	5.61	28.1	6.58	30.2	7.07	34.2	8.07	38.2	9.09	42.2	10.14
		40.0	20.1	5.54	24.1	6.64	28.1	7.75	30.2	8.31	34.2	9.46	38.2	10.66	41.5	11.86
		43.0	20.1	6.08	24.1	7.27	28.1	8.48	30.2	9.09	34.2	10.35	38.0	11.86	38.8	11.24
		46.0	20.1	6.51	24.1	7.88	28.1	9.31	28.5	9.15	29.2	8.73	30.2	8.40	31.4	8.15
		52.0	9.6	3.28	10.5	3.31	11.5	3.37	12.1	3.41	13.3	3.49	14.6	3.59	16.1	3.70

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	17.9	1.59	21.4	2.03	25.0	2.45	26.8	2.65	30.4	3.06	33.9	3.46	37.5	3.85
		-5.0	17.9	1.60	21.4	2.03	25.0	2.45	26.8	2.66	30.4	3.07	33.9	3.47	37.5	3.86
		0.0	17.9	1.60	21.4	2.03	25.0	2.46	26.8	2.66	30.4	3.07	33.9	3.47	37.5	3.86
		5.0	17.9	1.61	21.4	2.04	25.0	2.46	26.8	2.67	30.4	3.08	33.9	3.48	37.5	3.87
		10.0	17.9	1.62	21.4	2.05	25.0	2.47	26.8	2.68	30.4	3.09	33.9	3.50	37.5	3.90
		15.0	17.9	1.63	21.4	2.07	25.0	2.50	26.8	2.72	30.4	3.15	33.9	3.57	37.5	3.98
		20.0	17.9	1.72	21.4	2.20	25.0	2.67	26.8	2.90	30.4	3.36	33.9	3.80	37.5	4.22
		25.0	17.9	2.34	21.4	2.83	25.0	3.33	26.8	3.59	30.4	4.10	33.9	4.62	37.5	5.15
		30.0	17.9	3.04	21.4	3.65	25.0	4.27	26.8	4.58	30.4	5.20	33.9	5.82	37.5	6.45
		35.0	17.9	3.91	21.4	4.67	25.0	5.43	26.8	5.81	30.4	6.56	33.9	7.31	37.5	8.07
		40.0	17.9	4.70	21.4	5.58	25.0	6.45	26.8	6.89	30.4	7.75	33.9	8.62	37.5	9.50
		43.0	17.9	5.18	21.4	6.14	25.0	7.09	26.8	7.56	30.4	8.50	33.9	9.46	37.5	10.43
		46.0	17.9	5.52	21.4	6.58	25.0	7.68	26.8	8.23	29.2	8.73	30.2	8.40	31.4	8.15
		52.0	9.6	3.28	10.5	3.31	11.5	3.37	12.1	3.41	13.3	3.49	14.6	3.59	16.1	3.70

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	15.6	1.32	18.8	1.71	21.9	2.08	23.5	2.27	26.6	2.63	29.7	2.99	32.8	3.35
		-5.0	15.6	1.32	18.8	1.71	21.9	2.09	23.5	2.27	26.6	2.64	29.7	3.00	32.8	3.35
		0.0	15.6	1.33	18.8	1.71	21.9	2.09	23.5	2.28	26.6	2.64	29.7	3.00	32.8	3.35
		5.0	15.6	1.33	18.8	1.72	21.9	2.10	23.5	2.28	26.6	2.65	29.7	3.01	32.8	3.36
		10.0	15.6	1.34	18.8	1.73	21.9	2.10	23.5	2.29	26.6	2.66	29.7	3.02	32.8	3.37
		15.0	15.6	1.35	18.8	1.74	21.9	2.12	23.5	2.30	26.6	2.67	29.7	3.04	32.8	3.40
		20.0	15.6	1.38	18.8	1.79	21.9	2.18	23.5	2.38	26.6	2.76	29.7	3.14	32.8	3.51
		25.0	15.6	1.75	18.8	2.17	21.9	2.57	23.5	2.76	26.6	3.14	29.7	3.50	32.8	3.86
		30.0	15.6	2.47	18.8	2.93	21.9	3.38	23.5	3.61	26.6	4.05	29.7	4.48	32.8	4.91
		35.0	15.6	3.23	18.8	3.81	21.9	4.38	23.5	4.66	26.6	5.21	29.7	5.75	32.8	6.28
		40.0	15.6	3.91	18.8	4.60	21.9	5.27	23.5	5.60	26.6	6.24	29.7	6.87	32.8	7.49
		43.0	15.6	4.33	18.8	5.09	21.9	5.82	23.5	6.18	26.6	6.88	29.7	7.57	32.8	8.24
		46.0	15.6	4.62	18.8	5.43	21.9	6.24	23.5	6.65	26.6	7.46	29.7	7.98	31.4	8.15
		52.0	9.6	3.28	10.5	3.31	11.5	3.37	12.1	3.41	13.3	3.49	14.6	3.59	16.1	3.70

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

U-12ME2E8 (Cooling)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	13.4	1.05	16.1	1.38	18.8	1.71	20.1	1.87	22.8	2.19	25.5	2.51	28.1	2.82
		-5.0	13.4	1.05	16.1	1.38	18.8	1.71	20.1	1.88	22.8	2.20	25.5	2.51	28.1	2.82
		0.0	13.4	1.05	16.1	1.39	18.8	1.72	20.1	1.88	22.8	2.20	25.5	2.52	28.1	2.83
		5.0	13.4	1.05	16.1	1.39	18.8	1.72	20.1	1.88	22.8	2.21	25.5	2.52	28.1	2.83
		10.0	13.4	1.06	16.1	1.40	18.8	1.73	20.1	1.89	22.8	2.21	25.5	2.53	28.1	2.84
		15.0	13.4	1.07	16.1	1.41	18.8	1.74	20.1	1.90	22.8	2.22	25.5	2.54	28.1	2.85
		20.0	13.4	1.08	16.1	1.42	18.8	1.76	20.1	1.92	22.8	2.25	25.5	2.57	28.1	2.88
		25.0	13.4	1.22	16.1	1.57	18.8	1.91	20.1	2.07	22.8	2.40	25.5	2.72	28.1	3.03
		30.0	13.4	1.96	16.1	2.29	18.8	2.60	20.1	2.75	22.8	3.05	25.5	3.33	28.1	3.59
		35.0	13.4	2.59	16.1	3.03	18.8	3.44	20.1	3.64	22.8	4.02	25.5	4.38	28.1	4.73
		40.0	13.4	3.18	16.1	3.70	18.8	4.20	20.1	4.44	22.8	4.90	25.5	5.33	28.1	5.75
		43.0	13.4	3.54	16.1	4.12	18.8	4.67	20.1	4.93	22.8	5.43	25.5	5.92	28.1	6.38
		46.0	13.4	3.82	16.1	4.41	18.8	4.99	20.1	5.28	22.8	5.84	25.5	6.38	28.1	6.91
		52.0	9.6	3.28	10.5	3.31	11.5	3.37	12.1	3.41	13.3	3.49	14.6	3.59	16.1	3.70

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	11.2	0.76	13.4	1.05	15.6	1.33	16.8	1.47	19.0	1.74	21.2	2.01	23.5	2.27
		-5.0	11.2	0.77	13.4	1.05	15.6	1.33	16.8	1.47	19.0	1.74	21.2	2.01	23.5	2.28
		0.0	11.2	0.77	13.4	1.05	15.6	1.33	16.8	1.47	19.0	1.75	21.2	2.02	23.5	2.28
		5.0	11.2	0.77	13.4	1.06	15.6	1.34	16.8	1.48	19.0	1.75	21.2	2.02	23.5	2.28
		10.0	11.2	0.78	13.4	1.06	15.6	1.34	16.8	1.48	19.0	1.76	21.2	2.02	23.5	2.29
		15.0	11.2	0.78	13.4	1.07	15.6	1.35	16.8	1.49	19.0	1.76	21.2	2.03	23.5	2.30
		20.0	11.2	0.79	13.4	1.08	15.6	1.36	16.8	1.50	19.0	1.77	21.2	2.04	23.5	2.30
		25.0	11.2	0.83	13.4	1.12	15.6	1.40	16.8	1.54	19.0	1.81	21.2	2.08	23.5	2.35
		30.0	11.2	1.51	13.4	1.70	15.6	1.83	16.8	1.91	19.0	2.11	21.2	2.33	23.5	2.56
		35.0	11.2	2.02	13.4	2.32	15.6	2.60	16.8	2.73	19.0	2.97	21.2	3.19	23.5	3.39
		40.0	11.2	2.51	13.4	2.89	15.6	3.23	16.8	3.39	19.0	3.70	21.2	3.98	23.5	4.24
		43.0	11.2	2.81	13.4	3.23	15.6	3.62	16.8	3.80	19.0	4.15	21.2	4.46	23.5	4.75
		46.0	11.2	3.10	13.4	3.52	15.6	3.92	16.8	4.11	19.0	4.47	21.2	4.81	23.5	5.13
		52.0	9.6	3.28	10.5	3.31	11.5	3.37	12.1	3.41	13.3	3.49	14.6	3.59	16.1	3.70

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	8.9	0.48	10.7	0.71	12.5	0.94	13.4	1.05	15.2	1.27	17.0	1.50	18.8	1.71
		-5.0	8.9	0.48	10.7	0.71	12.5	0.94	13.4	1.05	15.2	1.28	17.0	1.50	18.8	1.72
		0.0	8.9	0.48	10.7	0.71	12.5	0.94	13.4	1.05	15.2	1.28	17.0	1.50	18.8	1.72
		5.0	8.9	0.48	10.7	0.71	12.5	0.94	13.4	1.06	15.2	1.28	17.0	1.50	18.8	1.72
		10.0	8.9	0.49	10.7	0.72	12.5	0.95	13.4	1.06	15.2	1.29	17.0	1.51	18.8	1.73
		15.0	8.9	0.49	10.7	0.72	12.5	0.95	13.4	1.07	15.2	1.29	17.0	1.51	18.8	1.73
		20.0	8.9	0.50	10.7	0.73	12.5	0.96	13.4	1.08	15.2	1.30	17.0	1.52	18.8	1.74
		25.0	8.9	0.52	10.7	0.75	12.5	0.98	13.4	1.09	15.2	1.31	17.0	1.53	18.8	1.76
		30.0	8.9	0.76	10.7	0.90	12.5	1.08	13.4	1.18	15.2	1.38	17.0	1.61	18.8	1.87
		35.0	8.9	1.51	10.7	1.70	12.5	1.87	13.4	1.95	15.2	2.08	17.0	2.25	18.8	2.47
		40.0	8.9	1.89	10.7	2.15	12.5	2.37	13.4	2.47	15.2	2.65	17.0	2.81	18.8	2.94
		43.0	8.9	2.13	10.7	2.42	12.5	2.68	13.4	2.80	15.2	3.01	17.0	3.19	18.8	3.35
		46.0	8.9	2.46	10.7	2.74	12.5	2.99	13.4	3.11	15.2	3.33	17.0	3.52	18.8	3.69
		52.0	8.9	2.91	10.5	3.31	11.5	3.37	12.1	3.41	13.3	3.49	14.6	3.59	16.1	3.70

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	6.7	0.19	8.0	0.36	9.4	0.54	10.1	0.63	11.4	0.80	12.7	0.97	14.1	1.14
		-5.0	6.7	0.19	8.0	0.36	9.4	0.54	10.1	0.63	11.4	0.80	12.7	0.98	14.1	1.14
		0.0	6.7	0.19	8.0	0.36	9.4	0.54	10.1	0.63	11.4	0.81	12.7	0.98	14.1	1.15
		5.0	6.7	0.19	8.0	0.37	9.4	0.54	10.1	0.63	11.4	0.81	12.7	0.98	14.1	1.15
		10.0	6.7	0.19	8.0	0.37	9.4	0.55	10.1	0.64	11.4	0.81	12.7	0.99	14.1	1.16
		15.0	6.7	0.20	8.0	0.37	9.4	0.55	10.1	0.64	11.4	0.82	12.7	0.99	14.1	1.17
		20.0	6.7	0.20	8.0	0.38	9.4	0.56	10.1	0.65	11.4	0.83	12.7	1.00	14.1	1.17
		25.0	6.7	0.21	8.0	0.39	9.4	0.57	10.1	0.66	11.4	0.84	12.7	1.03	14.1	1.21
		30.0	6.7	0.25	8.0	0.41	9.4	0.60	10.1	0.71	11.4	0.93	12.7	1.14	14.1	1.35
		35.0	6.7	1.06	8.0	1.17	9.4	1.30	10.1	1.39	11.4	1.56	12.7	1.73	14.1	1.89
		40.0	6.7	1.34	8.0	1.50	9.4	1.62	10.1	1.68	11.4	1.77	12.7	1.84	14.1	1.89
		43.0	6.7	1.52	8.0	1.70	9.4	1.85	10.1	1.92	11.4	2.03	12.7	2.12	14.1	2.18
		46.0	6.7	1.89	8.0	2.07	9.4	2.21	10.1	2.28	11.4	2.39	12.7	2.48	14.1	2.56
		52.0	6.7	2.22	8.0	2.44	9.4	2.64	10.1	2.72	11.4	2.81	12.7	2.86	14.1	2.87

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-6. U-12ME2E8 (Heating)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	100%	-24.9	-25.0	27.6	9.44	26.9	9.27	25.4	8.89	24.7	8.70	22.4	8.07	20.8	7.62	16.6	6.34
		-19.8	-20.0	29.0	9.67	28.3	9.49	26.8	9.10	26.0	8.90	23.6	8.24	21.9	7.77	17.5	6.45
		-14.7	-15.0	31.0	10.01	30.2	9.83	28.6	9.41	27.8	9.20	25.2	8.51	23.4	8.01	18.8	6.62
		-9.6	-10.0	33.7	10.52	32.9	10.32	31.1	9.89	30.2	9.65	27.4	8.87	25.5	8.29	20.4	6.85
		-4.4	-5.0	37.2	10.90	36.2	10.69	34.3	10.25	33.3	10.02	30.2	9.25	28.1	8.70	22.5	7.14
		-1.8	-2.5	39.2	11.07	38.2	10.86	36.1	10.39	35.1	10.15	31.9	9.36	29.6	8.79	23.6	7.15
		0.8	0.0	41.2	11.09	40.4	11.02	38.3	10.54	37.2	10.29	33.3	9.29	30.6	8.53	23.6	6.65
		2.8	2.0	43.1	10.99	41.7	10.64	38.9	9.93	37.5	9.58	33.3	8.55	30.6	7.86	23.6	6.15
		6.0	5.0	43.1	9.51	41.7	9.21	38.9	8.63	37.5	8.34	33.3	7.46	30.6	6.87	23.6	5.41
		7.0	6.0	43.1	9.03	41.7	8.76	38.9	8.21	37.5	7.92	33.3	7.10	30.6	6.55	23.6	5.19
		8.6	7.5	43.1	8.32	41.7	8.07	38.9	7.58	37.5	7.33	33.3	6.60	30.6	6.10	23.6	4.85
		11.2	10.0	43.1	7.23	41.7	7.03	38.9	6.63	37.5	6.42	33.3	5.81	30.6	5.40	23.6	4.33
		16.4	15.0	43.1	5.31	41.7	5.18	38.9	4.92	37.5	4.79	33.3	4.37	30.6	4.08	23.6	3.31
		24.0	18.0	43.1	4.85	41.7	4.71	38.9	4.42	37.5	4.27	33.3	3.84	30.6	3.55	23.6	2.82

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	27.6	9.44	26.9	9.27	25.4	8.89	24.7	8.70	22.4	8.07	20.8	7.62	16.6	6.34
		-19.8	-20.0	29.0	9.67	28.3	9.49	26.8	9.10	26.0	8.90	23.6	8.24	21.9	7.77	17.5	6.45
		-14.7	-15.0	31.0	10.01	30.2	9.83	28.6	9.41	27.8	9.20	25.2	8.51	23.4	8.01	18.8	6.62
		-9.6	-10.0	33.7	10.52	32.9	10.32	31.1	9.89	30.2	9.65	27.4	8.87	25.5	8.29	20.4	6.85
		-4.4	-5.0	37.2	10.90	36.2	10.69	34.3	10.25	33.3	10.02	30.0	8.65	27.5	8.02	21.3	6.39
		-1.8	-2.5	38.8	10.01	37.5	9.74	35.0	9.18	33.8	8.91	30.0	8.05	27.5	7.47	21.3	5.97
		0.8	0.0	38.8	9.17	37.5	8.93	35.0	8.44	33.8	8.19	30.0	7.42	27.5	6.90	21.3	5.55
		2.8	2.0	38.8	8.32	37.5	8.11	35.0	7.68	33.8	7.47	30.0	6.79	27.5	6.33	21.3	5.15
		6.0	5.0	38.8	7.20	37.5	7.05	35.0	6.73	33.8	6.56	30.0	6.02	27.5	5.62	21.3	4.56
		7.0	6.0	38.8	6.96	37.5	6.80	35.0	6.45	33.8	6.28	30.0	5.73	27.5	5.36	21.3	4.36
		8.6	7.5	38.8	6.38	37.5	6.23	35.0	5.94	33.8	5.78	30.0	5.31	27.5	4.97	21.3	4.08
		11.2	10.0	38.8	5.47	37.5	5.36	35.0	5.13	33.8	5.01	30.0	4.64	27.5	4.37	21.3	3.63
		16.4	15.0	38.8	4.40	37.5	4.27	35.0	4.01	33.8	3.88	30.0	3.49	27.5	3.24	21.3	2.73
		24.0	18.0	38.8	4.40	37.5	4.27	35.0	4.01	33.8	3.88	30.0	3.49	27.5	3.23	21.3	2.58

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	80%	-24.9	-25.0	27.6	9.44	26.9	9.27	25.4	8.89	24.7	8.70	22.4	8.07	20.8	7.62	16.6	6.34
		-19.8	-20.0	29.0	9.67	28.3	9.49	26.8	9.10	26.0	8.90	23.6	8.24	21.9	7.77	17.5	6.45
		-14.7	-15.0	31.0	10.01	30.2	9.83	28.6	9.41	27.8	9.20	25.2	8.51	23.4	8.01	18.8	6.62
		-9.6	-10.0	33.7	10.52	32.9	10.32	31.1	9.89	30.0	8.56	26.7	7.83	24.4	7.32	18.9	5.95
		-4.4	-5.0	34.4	8.26	33.3	8.08	31.1	7.71	30.0	7.52	26.7	6.91	24.4	6.48	18.9	5.31
		-1.8	-2.5	34.4	7.60	33.3	7.44	31.1	7.12	30.0	6.95	26.7	6.41	24.4	6.03	18.9	4.99
		0.8	0.0	34.4	6.92	33.3	6.80	31.1	6.54	30.0	6.40	26.7	5.95	24.4	5.61	18.9	4.66
		2.8	2.0	34.4	6.35	33.3	6.25	31.1	6.02	30.0	5.90	26.7	5.49	24.4	5.19	18.9	4.33
		6.0	5.0	34.4	5.54	33.3	5.46	31.1	5.27	30.0	5.17	26.7	4.83	24.4	4.56	18.9	3.80
		7.0	6.0	34.4	5.29	33.3	5.20	31.1	5.01	30.0	4.91	26.7	4.58	24.4	4.34	18.9	3.65
		8.6	7.5	34.4	4.81	33.3	4.74	31.1	4.58	30.0	4.50	26.7	4.22	24.4	4.01	18.9	3.40
		11.2	10.0	34.4	4.07	33.3	4.02	31.1	3.92	30.0	3.86	26.7	3.66	24.4	3.50	18.9	3.01
		16.4	15.0	34.4	3.95	33.3	3.84	31.1	3.61	30.0	3.49	26.7	3.14	24.4	2.91	18.9	2.33
		24.0	18.0	34.4	3.95	33.3	3.84	31.1	3.61	30.0	3.49	26.7	3.14	24.4	2.91	18.9	2.33

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI
100%	70%	-24.9	-25.0	27.6	9.44	26.9	9.27	25.4	8.89	24.7	8.70	22.4	8.07	20.8	7.62	16.5	5.85
		-19.8	-20.0	29.0	9.67	28.3	9.49	26.8	9.10	26.0	8.90	23.3	7.43	21.4	6.95	16.5	5.62
		-14.7	-15.0	30.1	8.08	29.2	7.93	27.2	7.62	26.3	7.45	23.3	6.90	21.4	6.51	16.5	5.38
		-9.6	-10.0	30.1	7.23	29.2	7.11	27.2	6.84	26.3	6.70	23.3	6.26	21.4	5.93	16.5	4.96
		-4.4	-5.0	30.1	6.34	29.2	6.25	27.2	6.06	26.3	5.95	23.3	5.58	21.4	5.30	16.5	4.46
		-1.8	-2.5	30.1	5.87	29.2	5.80	27.2	5.63	26.3	5.53	23.3	5.20	21.4	4.95	16.5	4.19
		0.8	0.0	30.1	5.39	29.2	5.32	27.2	5.18	26.3	5.10	23.3	4.81	21.4	4.58	16.5	3.90
		2.8	2.0	30.1	4.91	29.2	4.86	27.2	4.74	26.3	4.67	23.3	4.42	21.4	4.22	16.5	3.61
		6.0	5.0	30.1	4.21	29.2	4.18	27.2	4.08	26.3	4.03	23.3	3.83	21.4	3.67	16.5	3.14
		7.0	6.0	30.1	3.95	29.2	3.92	27.2	3.84	26.3	3.79	23.3	3.62	21.4	3.48	16.5	3.02
		8.6	7.5	30.1	3.57	29.2	3.55	27.2	3.49	26.3	3.46	23.3	3.32	21.4	3.21	16.5	2.82
		11.2	10.0	30.1	3.50	29.2	3.40	27.2	3.20	26.3	3.10	23.3	2.87	21.4	2.79	16.5	2.49
		16.4	15.0	30.1	3.50	29.2	3.40	27.2	3.20	26.3	3.10	23.3	2.79	21.4	2.59	16.5	2.08
		24.0	18.0	30.1	3.50	29.2	3.40	27.2	3.20	26.3	3.10	23.3	2.79	21.4	2.59	16.5	2.08

3. Part Load of Outdoor Unit

U-12ME2E8 (Heating)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	60%	-24.9	-25.0	25.8	7.16	25.0	7.06	23.3	6.82	22.5	6.69	20.0	6.27	18.3	5.93	14.2	4.88
		-19.8	-20.0	25.8	6.76	25.0	6.67	23.3	6.46	22.5	6.35	20.0	5.97	18.3	5.67	14.2	4.74
		-14.7	-15.0	25.8	6.26	25.0	6.19	23.3	6.01	22.5	5.91	20.0	5.57	18.3	5.30	14.2	4.49
		-9.6	-10.0	25.8	5.66	25.0	5.60	23.3	5.46	22.5	5.37	20.0	5.08	18.3	4.85	14.2	4.13
		-4.4	-5.0	25.8	4.95	25.0	4.91	23.3	4.80	22.5	4.74	20.0	4.50	18.3	4.31	14.2	3.71
		-1.8	-2.5	25.8	4.56	25.0	4.53	23.3	4.44	22.5	4.39	20.0	4.18	18.3	4.02	14.2	3.47
		0.8	0.0	25.8	4.15	25.0	4.13	23.3	4.07	22.5	4.02	20.0	3.86	18.3	3.71	14.2	3.23
		2.8	2.0	25.8	3.75	25.0	3.74	23.3	3.70	22.5	3.67	20.0	3.53	18.3	3.40	14.2	2.97
		6.0	5.0	25.8	3.12	25.0	3.12	23.3	3.10	22.5	3.08	20.0	3.00	18.3	2.91	14.2	2.57
		7.0	6.0	25.8	3.05	25.0	2.97	23.3	2.91	22.5	2.90	20.0	2.83	18.3	2.76	14.2	2.48
		8.6	7.5	25.8	3.05	25.0	2.97	23.3	2.79	22.5	2.71	20.0	2.59	18.3	2.54	14.2	2.31
		11.2	10.0	25.8	3.05	25.0	2.97	23.3	2.79	22.5	2.71	20.0	2.45	18.3	2.27	14.2	2.03
		16.4	15.0	25.8	3.05	25.0	2.97	23.3	2.79	22.5	2.71	20.0	2.45	18.3	2.27	14.2	1.84
		24.0	18.0	25.8	3.05	25.0	2.97	23.3	2.79	22.5	2.71	20.0	2.45	18.3	2.27	14.2	1.84
100%	50%	-24.9	-25.0	21.5	5.61	20.8	5.55	19.4	5.41	18.8	5.33	16.7	5.04	15.3	4.82	11.8	4.03
		-19.8	-20.0	21.5	5.30	20.8	5.25	19.4	5.12	18.8	5.05	16.7	4.79	15.3	4.58	11.8	3.92
		-14.7	-15.0	21.5	4.89	20.8	4.85	19.4	4.75	18.8	4.69	16.7	4.46	15.3	4.28	11.8	3.68
		-9.6	-10.0	21.5	4.40	20.8	4.37	19.4	4.29	18.8	4.24	16.7	4.06	15.3	3.90	11.8	3.38
		-4.4	-5.0	21.5	3.82	20.8	3.80	19.4	3.75	18.8	3.72	16.7	3.58	15.3	3.46	11.8	3.03
		-1.8	-2.5	21.5	3.50	20.8	3.49	19.4	3.46	18.8	3.43	16.7	3.32	15.3	3.21	11.8	2.84
		0.8	0.0	21.5	3.17	20.8	3.17	19.4	3.15	18.8	3.14	16.7	3.04	15.3	2.95	11.8	2.62
		2.8	2.0	21.5	2.80	20.8	2.81	19.4	2.81	18.8	2.80	16.7	2.74	15.3	2.67	11.8	2.40
		6.0	5.0	21.5	2.60	20.8	2.53	19.4	2.39	18.8	2.33	16.7	2.32	15.3	2.28	11.8	2.09
		7.0	6.0	21.5	2.60	20.8	2.53	19.4	2.39	18.8	2.31	16.7	2.19	15.3	2.16	11.8	2.01
		8.6	7.5	21.5	2.60	20.8	2.53	19.4	2.39	18.8	2.31	16.7	2.10	15.3	1.99	11.8	1.87
		11.2	10.0	21.5	2.60	20.8	2.53	19.4	2.39	18.8	2.31	16.7	2.10	15.3	1.95	11.8	1.65
		16.4	15.0	21.5	2.60	20.8	2.53	19.4	2.39	18.8	2.31	16.7	2.10	15.3	1.95	11.8	1.59
		24.0	18.0	21.5	2.60	20.8	2.53	19.4	2.39	18.8	2.31	16.7	2.10	15.3	1.95	11.8	1.59
100%	40%	-24.9	-25.0	17.2	4.30	16.7	4.26	15.6	4.18	15.0	4.13	13.3	3.94	12.2	3.79	9.4	3.26
		-19.8	-20.0	17.2	4.05	16.7	4.02	15.6	3.95	15.0	3.91	13.3	3.74	12.2	3.60	9.4	3.13
		-14.7	-15.0	17.2	3.73	16.7	3.71	15.6	3.66	15.0	3.62	13.3	3.48	12.2	3.36	9.4	2.94
		-9.6	-10.0	17.2	3.34	16.7	3.33	15.6	3.29	15.0	3.27	13.3	3.16	12.2	3.06	9.4	2.70
		-4.4	-5.0	17.2	2.88	16.7	2.88	15.6	2.87	15.0	2.85	13.3	2.77	12.2	2.70	9.4	2.41
		-1.8	-2.5	17.2	2.60	16.7	2.61	15.6	2.61	15.0	2.60	13.3	2.55	12.2	2.49	9.4	2.24
		0.8	0.0	17.2	2.31	16.7	2.32	15.6	2.34	15.0	2.34	13.3	2.31	12.2	2.27	9.4	2.07
		2.8	2.0	17.2	2.16	16.7	2.10	15.6	2.08	15.0	2.08	13.3	2.08	12.2	2.06	9.4	1.90
		6.0	5.0	17.2	2.16	16.7	2.10	15.6	1.98	15.0	1.92	13.3	1.76	12.2	1.76	9.4	1.67
		7.0	6.0	17.2	2.16	16.7	2.10	15.6	1.98	15.0	1.92	13.3	1.75	12.2	1.67	9.4	1.59
		8.6	7.5	17.2	2.16	16.7	2.10	15.6	1.98	15.0	1.92	13.3	1.75	12.2	1.63	9.4	1.49
		11.2	10.0	17.2	2.16	16.7	2.10	15.6	1.98	15.0	1.92	13.3	1.75	12.2	1.63	9.4	1.34
		16.4	15.0	17.2	2.16	16.7	2.10	15.6	1.98	15.0	1.92	13.3	1.75	12.2	1.63	9.4	1.34
		24.0	18.0	17.2	2.16	16.7	2.10	15.6	1.98	15.0	1.92	13.3	1.75	12.2	1.63	9.4	1.34
100%	30%	-24.9	-25.0	12.9	3.14	12.5	3.13	11.7	3.09	11.3	3.06	10.0	2.94	9.2	2.84	7.1	2.49
		-19.8	-20.0	12.9	2.96	12.5	2.95	11.7	2.92	11.3	2.89	10.0	2.79	9.2	2.70	7.1	2.38
		-14.7	-15.0	12.9	2.72	12.5	2.72	11.7	2.69	11.3	2.68	10.0	2.59	9.2	2.51	7.1	2.23
		-9.6	-10.0	12.9	2.40	12.5	2.41	11.7	2.40	11.3	2.39	10.0	2.33	9.2	2.27	7.1	2.04
		-4.4	-5.0	12.9	2.03	12.5	2.04	11.7	2.06	11.3	2.06	10.0	2.03	9.2	2.00	7.1	1.82
		-1.8	-2.5	12.9	1.83	12.5	1.85	11.7	1.87	11.3	1.88	10.0	1.87	9.2	1.85	7.1	1.70
		0.8	0.0	12.9	1.71	12.5	1.66	11.7	1.68	11.3	1.69	10.0	1.70	9.2	1.69	7.1	1.58
		2.8	2.0	12.9	1.71	12.5	1.66	11.7	1.58	11.3	1.53	10.0	1.54	9.2	1.53	7.1	1.46
		6.0	5.0	12.9	1.71	12.5	1.66	11.7	1.58	11.3	1.53	10.0	1.40	9.2	1.32	7.1	1.29
		7.0	6.0	12.9	1.71	12.5	1.66	11.7	1.58	11.3	1.53	10.0	1.40	9.2	1.31	7.1	1.23
		8.6	7.5	12.9	1.71	12.5	1.66	11.7	1.58	11.3	1.53	10.0	1.40	9.2	1.31	7.1	1.15
		11.2	10.0	12.9	1.71	12.5	1.66	11.7	1.58	11.3	1.53	10.0	1.40	9.2	1.31	7.1	1.10
		16.4	15.0	12.9	1.71	12.5	1.66	11.7	1.58	11.3	1.53	10.0	1.40	9.2	1.31	7.1	1.10
		24.0	18.0	12.9	1.71	12.5	1.66	11.7	1.58	11.3	1.53	10.0	1.40	9.2	1.31	7.1	1.10

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-7. U-14ME2E8 (Cooling)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	26.7	2.84	32.0	3.41	37.3	3.98	40.0	4.26	45.3	4.83	50.7	5.40	56.0	5.97
		-5.0	26.7	2.85	32.0	3.41	37.3	3.98	40.0	4.27	45.3	4.84	50.7	5.40	56.0	5.97
		0.0	26.7	2.85	32.0	3.42	37.3	3.99	40.0	4.27	45.3	4.84	50.7	5.42	56.0	5.99
		5.0	26.7	2.86	32.0	3.43	37.3	4.00	40.0	4.29	45.3	4.87	50.7	5.46	56.0	6.04
		10.0	26.7	2.87	32.0	3.45	37.3	4.04	40.0	4.34	45.3	4.95	50.7	5.57	56.0	6.16
		15.0	26.7	2.93	32.0	3.56	37.3	4.20	40.0	4.53	45.3	5.19	50.7	5.85	56.0	6.46
		20.0	26.7	3.28	32.0	4.01	37.3	4.85	40.0	5.31	45.3	6.29	50.7	7.36	56.0	8.53
		25.0	26.7	4.19	32.0	5.18	37.3	6.26	40.0	6.84	45.3	8.07	50.7	9.40	56.0	10.83
		30.0	26.7	5.26	32.0	6.48	37.3	7.81	40.0	8.51	45.3	10.00	50.7	11.59	56.0	13.29
		35.0	26.7	6.40	32.0	7.88	37.3	9.47	40.0	10.31	45.3	12.07	50.7	13.95	53.5	14.42
		40.0	26.7	7.63	32.0	9.38	37.3	11.26	40.0	12.24	45.3	14.31	47.4	14.42	49.5	14.42
		43.0	26.7	8.41	32.0	10.34	37.3	12.40	40.0	13.49	43.3	14.42	45.3	14.42	46.3	13.71
		46.0	26.4	9.14	31.7	11.25	33.7	11.44	34.0	11.13	34.9	10.62	36.1	10.22	37.5	9.90
		52.0	11.5	3.91	12.5	3.95	13.7	4.03	14.4	4.07	15.9	4.18	17.5	4.30	19.3	4.43

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	24.0	2.29	28.8	2.88	33.6	3.45	36.0	3.73	40.8	4.28	45.6	4.81	50.4	5.34
		-5.0	24.0	2.30	28.8	2.88	33.6	3.45	36.0	3.73	40.8	4.28	45.6	4.82	50.4	5.34
		0.0	24.0	2.30	28.8	2.89	33.6	3.46	36.0	3.74	40.8	4.29	45.6	4.82	50.4	5.35
		5.0	24.0	2.31	28.8	2.90	33.6	3.47	36.0	3.75	40.8	4.30	45.6	4.84	50.4	5.37
		10.0	24.0	2.32	28.8	2.91	33.6	3.48	36.0	3.77	40.8	4.34	45.6	4.90	50.4	5.44
		15.0	24.0	2.35	28.8	2.96	33.6	3.57	36.0	3.87	40.8	4.47	45.6	5.05	50.4	5.62
		20.0	24.0	2.56	28.8	3.25	33.6	3.91	36.0	4.24	40.8	4.87	45.6	5.60	50.4	6.38
		25.0	24.0	3.39	28.8	4.20	33.6	5.03	36.0	5.46	40.8	6.33	45.6	7.23	50.4	8.16
		30.0	24.0	4.38	28.8	5.35	33.6	6.35	36.0	6.85	40.8	7.87	45.6	8.92	50.4	9.99
		35.0	24.0	5.60	28.8	6.79	33.6	7.98	36.0	8.58	40.8	9.80	45.6	11.06	50.4	12.36
		40.0	24.0	6.69	28.8	8.05	33.6	9.41	36.0	10.10	40.8	11.52	45.6	12.99	49.5	14.42
		43.0	24.0	7.36	28.8	8.83	33.6	10.31	36.0	11.06	40.8	12.61	45.3	14.42	46.3	13.71
		46.0	24.0	7.89	28.8	9.57	33.6	11.33	34.0	11.13	34.9	10.62	36.1	10.22	37.5	9.90
		52.0	11.5	3.91	12.5	3.95	13.7	4.03	14.4	4.07	15.9	4.18	17.5	4.30	19.3	4.43

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	21.3	1.96	25.6	2.49	29.9	3.01	32.0	3.27	36.3	3.77	40.5	4.26	44.8	4.74
		-5.0	21.3	1.97	25.6	2.50	29.9	3.02	32.0	3.27	36.3	3.77	40.5	4.26	44.8	4.74
		0.0	21.3	1.97	25.6	2.50	29.9	3.02	32.0	3.28	36.3	3.78	40.5	4.27	44.8	4.75
		5.0	21.3	1.98	25.6	2.51	29.9	3.03	32.0	3.28	36.3	3.78	40.5	4.27	44.8	4.75
		10.0	21.3	1.99	25.6	2.52	29.9	3.04	32.0	3.29	36.3	3.80	40.5	4.29	44.8	4.78
		15.0	21.3	2.00	25.6	2.54	29.9	3.07	32.0	3.33	36.3	3.86	40.5	4.37	44.8	4.87
		20.0	21.3	2.10	25.6	2.68	29.9	3.24	32.0	3.52	36.3	4.07	40.5	4.60	44.8	5.12
		25.0	21.3	2.75	25.6	3.36	29.9	3.98	32.0	4.29	36.3	4.93	40.5	5.57	44.8	6.22
		30.0	21.3	3.61	25.6	4.37	29.9	5.13	32.0	5.51	36.3	6.28	40.5	7.05	44.8	7.82
		35.0	21.3	4.69	25.6	5.63	29.9	6.56	32.0	7.02	36.3	7.95	40.5	8.87	44.8	9.80
		40.0	21.3	5.65	25.6	6.74	29.9	7.82	32.0	8.35	36.3	9.42	40.5	10.49	44.8	11.57
		43.0	21.3	6.25	25.6	7.43	29.9	8.60	32.0	9.18	36.3	10.34	40.5	11.51	44.8	12.72
		46.0	21.3	6.67	25.6	7.98	29.9	9.32	32.0	10.01	34.9	10.62	36.1	10.22	37.5	9.90
		52.0	11.5	3.91	12.5	3.95	13.7	4.03	14.4	4.07	15.9	4.18	17.5	4.30	19.3	4.43

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	18.7	1.63	22.4	2.10	26.1	2.56	28.0	2.79	31.7	3.24	35.5	3.68	39.2	4.11
		-5.0	18.7	1.63	22.4	2.11	26.1	2.57	28.0	2.80	31.7	3.25	35.5	3.69	39.2	4.12
		0.0	18.7	1.64	22.4	2.11	26.1	2.57	28.0	2.80	31.7	3.25	35.5	3.69	39.2	4.12
		5.0	18.7	1.64	22.4	2.12	26.1	2.58	28.0	2.81	31.7	3.26	35.5	3.70	39.2	4.13
		10.0	18.7	1.65	22.4	2.12	26.1	2.59	28.0	2.82	31.7	3.27	35.5	3.70	39.2	4.14
		15.0	18.7	1.66	22.4	2.13	26.1	2.60	28.0	2.83	31.7	3.28	35.5	3.73	39.2	4.17
		20.0	18.7	1.69	22.4	2.18	26.1	2.67	28.0	2.91	31.7	3.38	35.5	3.83	39.2	4.28
		25.0	18.7	2.07	22.4	2.58	26.1	3.06	28.0	3.30	31.7	3.76	35.5	4.21	39.2	4.64
		30.0	18.7	2.91	22.4	3.48	26.1	4.04	28.0	4.31	31.7	4.86	35.5	5.39	39.2	5.92
		35.0	18.7	3.84	22.4	4.56	26.1	5.27	28.0	5.61	31.7	6.29	35.5	6.96	39.2	7.61
		40.0	18.7	4.68	22.4	5.54	26.1	6.36	28.0	6.77	31.7	7.56	35.5	8.33	39.2	9.09
		43.0	18.7	5.20	22.4	6.14	26.1	7.04	28.0	7.48	31.7	8.34	35.5	9.19	39.2	10.02
		46.0	18.7	5.57	22.4	6.56	26.1	7.56	28.0	8.06	31.7	9.06	35.5	9.70	37.5	9.90
		52.0	11.5	3.91	12.5	3.95	13.7	4.03	14.4	4.07	15.9	4.18	17.5	4.30	19.3	4.43

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

U-14ME2E8 (Cooling)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	16.0	1.29	19.2	1.70	22.4	2.11	24.0	2.31	27.2	2.70	30.4	3.09	33.6	3.47
		-5.0	16.0	1.29	19.2	1.71	22.4	2.11	24.0	2.31	27.2	2.70	30.4	3.09	33.6	3.47
		0.0	16.0	1.30	19.2	1.71	22.4	2.11	24.0	2.31	27.2	2.71	30.4	3.10	33.6	3.48
		5.0	16.0	1.30	19.2	1.71	22.4	2.12	24.0	2.32	27.2	2.71	30.4	3.10	33.6	3.48
		10.0	16.0	1.31	19.2	1.72	22.4	2.13	24.0	2.33	27.2	2.72	30.4	3.11	33.6	3.49
		15.0	16.0	1.32	19.2	1.73	22.4	2.14	24.0	2.34	27.2	2.73	30.4	3.12	33.6	3.50
		20.0	16.0	1.33	19.2	1.74	22.4	2.15	24.0	2.36	27.2	2.76	30.4	3.15	33.6	3.53
		25.0	16.0	1.47	19.2	1.90	22.4	2.31	24.0	2.52	27.2	2.91	30.4	3.30	33.6	3.69
		30.0	16.0	2.28	19.2	2.68	22.4	3.07	24.0	3.26	27.2	3.62	30.4	3.97	33.6	4.30
		35.0	16.0	3.06	19.2	3.59	22.4	4.10	24.0	4.35	27.2	4.82	30.4	5.26	33.6	5.69
		40.0	16.0	3.78	19.2	4.43	22.4	5.04	24.0	5.33	27.2	5.90	30.4	6.44	33.6	6.95
		43.0	16.0	4.23	19.2	4.94	22.4	5.62	24.0	5.94	27.2	6.56	30.4	7.16	33.6	7.72
		46.0	16.0	4.58	19.2	5.31	22.4	6.02	24.0	6.37	27.2	7.06	30.4	7.73	33.6	8.38
		52.0	11.5	3.91	12.5	3.95	13.7	4.03	14.4	4.07	15.9	4.18	17.5	4.30	19.3	4.43

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	13.3	0.95	16.0	1.29	18.7	1.64	20.0	1.81	22.7	2.15	25.3	2.48	28.0	2.80
		-5.0	13.3	0.95	16.0	1.30	18.7	1.64	20.0	1.81	22.7	2.15	25.3	2.48	28.0	2.80
		0.0	13.3	0.95	16.0	1.30	18.7	1.64	20.0	1.81	22.7	2.15	25.3	2.48	28.0	2.81
		5.0	13.3	0.95	16.0	1.30	18.7	1.65	20.0	1.82	22.7	2.15	25.3	2.49	28.0	2.81
		10.0	13.3	0.96	16.0	1.31	18.7	1.65	20.0	1.82	22.7	2.16	25.3	2.49	28.0	2.82
		15.0	13.3	0.96	16.0	1.32	18.7	1.66	20.0	1.83	22.7	2.17	25.3	2.50	28.0	2.82
		20.0	13.3	0.98	16.0	1.33	18.7	1.67	20.0	1.84	22.7	2.18	25.3	2.51	28.0	2.83
		25.0	13.3	1.01	16.0	1.37	18.7	1.71	20.0	1.88	22.7	2.22	25.3	2.55	28.0	2.87
		30.0	13.3	1.72	16.0	1.97	18.7	2.15	20.0	2.27	22.7	2.53	25.3	2.80	28.0	3.09
		35.0	13.3	2.35	16.0	2.72	18.7	3.07	20.0	3.23	22.7	3.52	25.3	3.80	28.0	4.05
		40.0	13.3	2.95	16.0	3.42	18.7	3.85	20.0	4.05	22.7	4.42	25.3	4.77	28.0	5.09
		43.0	13.3	3.32	16.0	3.84	18.7	4.32	20.0	4.55	22.7	4.97	25.3	5.37	28.0	5.73
		46.0	13.3	3.69	16.0	4.21	18.7	4.70	20.0	4.93	22.7	5.38	25.3	5.80	28.0	6.19
		52.0	11.5	3.91	12.5	3.95	13.7	4.03	14.4	4.07	15.9	4.18	17.5	4.30	19.3	4.43

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	10.7	0.59	12.8	0.88	14.9	1.16	16.0	1.30	18.1	1.57	20.3	1.84	22.4	2.11
		-5.0	10.7	0.60	12.8	0.88	14.9	1.16	16.0	1.30	18.1	1.57	20.3	1.85	22.4	2.11
		0.0	10.7	0.60	12.8	0.88	14.9	1.16	16.0	1.30	18.1	1.58	20.3	1.85	22.4	2.12
		5.0	10.7	0.60	12.8	0.88	14.9	1.17	16.0	1.30	18.1	1.58	20.3	1.85	22.4	2.12
		10.0	10.7	0.60	12.8	0.89	14.9	1.17	16.0	1.31	18.1	1.58	20.3	1.86	22.4	2.13
		15.0	10.7	0.61	12.8	0.89	14.9	1.18	16.0	1.31	18.1	1.59	20.3	1.86	22.4	2.13
		20.0	10.7	0.62	12.8	0.90	14.9	1.18	16.0	1.32	18.1	1.60	20.3	1.87	22.4	2.14
		25.0	10.7	0.64	12.8	0.92	14.9	1.20	16.0	1.34	18.1	1.61	20.3	1.88	22.4	2.16
		30.0	10.7	0.89	12.8	1.07	14.9	1.30	16.0	1.43	18.1	1.68	20.3	1.96	22.4	2.27
		35.0	10.7	1.72	12.8	1.96	14.9	2.17	16.0	2.26	18.1	2.43	20.3	2.64	22.4	2.90
		40.0	10.7	2.20	12.8	2.51	14.9	2.78	16.0	2.91	18.1	3.13	20.3	3.33	22.4	3.49
		43.0	10.7	2.49	12.8	2.85	14.9	3.17	16.0	3.31	18.1	3.57	20.3	3.80	22.4	4.00
		46.0	10.7	2.91	12.8	3.25	14.9	3.56	16.0	3.71	18.1	3.97	20.3	4.21	22.4	4.42
		52.0	10.7	3.46	12.5	3.95	13.7	4.03	14.4	4.07	15.9	4.18	17.5	4.30	19.3	4.43

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	8.0	0.24	9.6	0.45	11.2	0.67	12.0	0.78	13.6	0.99	15.2	1.20	16.8	1.41
		-5.0	8.0	0.24	9.6	0.45	11.2	0.67	12.0	0.78	13.6	0.99	15.2	1.20	16.8	1.41
		0.0	8.0	0.24	9.6	0.46	11.2	0.67	12.0	0.78	13.6	1.00	15.2	1.21	16.8	1.41
		5.0	8.0	0.24	9.6	0.46	11.2	0.67	12.0	0.78	13.6	1.00	15.2	1.21	16.8	1.42
		10.0	8.0	0.24	9.6	0.46	11.2	0.68	12.0	0.79	13.6	1.00	15.2	1.22	16.8	1.42
		15.0	8.0	0.25	9.6	0.46	11.2	0.68	12.0	0.79	13.6	1.01	15.2	1.22	16.8	1.43
		20.0	8.0	0.25	9.6	0.47	11.2	0.69	12.0	0.80	13.6	1.02	15.2	1.23	16.8	1.44
		25.0	8.0	0.26	9.6	0.48	11.2	0.70	12.0	0.81	13.6	1.03	15.2	1.25	16.8	1.48
		30.0	8.0	0.30	9.6	0.50	11.2	0.73	12.0	0.86	13.6	1.12	15.2	1.38	16.8	1.62
		35.0	8.0	1.16	9.6	1.30	11.2	1.46	12.0	1.57	13.6	1.78	15.2	1.99	16.8	2.19
		40.0	8.0	1.51	9.6	1.70	11.2	1.86	12.0	1.92	13.6	2.04	15.2	2.12	16.8	2.19
		43.0	8.0	1.73	9.6	1.96	11.2	2.14	12.0	2.22	13.6	2.36	15.2	2.47	16.8	2.55
		46.0	8.0	2.21	9.6	2.42	11.2	2.60	12.0	2.68	13.6	2.82	15.2	2.94	16.8	3.02
		52.0	8.0	2.61	9.6	2.88	11.2	3.12	12.0	3.23	13.6	3.34	15.2	3.39	16.8	3.42

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-8. U-14ME2E8 (Heating)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	100%	-24.9	-25.0	31.6	10.78	30.8	10.59	29.1	10.18	28.3	9.97	25.7	9.28	23.9	8.77	19.2	7.35		
		-19.8	-20.0	33.2	11.03	32.3	10.82	30.6	10.40	29.7	10.18	27.0	9.46	25.2	8.94	20.2	7.48		
		-14.7	-15.0	35.4	11.40	34.5	11.19	32.7	10.74	31.8	10.51	28.9	9.75	26.9	9.20	21.7	7.66		
		-9.6	-10.0	38.4	11.96	37.5	11.74	35.5	11.25	34.5	10.99	31.4	10.11	29.3	9.55	23.6	7.92		
		-4.4	-5.0	42.4	12.40	41.3	12.18	39.2	11.71	38.1	11.45	34.6	10.61	32.3	9.99	26.0	8.26		
		-1.8	-2.5	44.7	12.60	43.6	12.36	41.3	11.87	40.1	11.60	36.5	10.74	34.0	10.11	27.4	8.35		
		0.8	0.0	47.3	12.78	46.1	12.54	43.7	12.02	42.5	11.74	38.7	10.86	36.0	10.21	28.3	8.13		
		2.8	2.0	50.1	12.97	48.9	12.72	46.4	12.19	45.0	11.88	40.0	10.54	36.7	9.67	28.3	7.53		
		6.0	5.0	51.7	11.90	50.0	11.51	46.7	10.74	45.0	10.36	40.0	9.23	36.7	8.48	28.3	6.65		
		7.0	6.0	51.7	11.32	50.0	10.95	46.7	10.23	45.0	9.86	40.0	8.80	36.7	8.10	28.3	6.37		
		8.6	7.5	51.7	10.45	50.0	10.12	46.7	9.47	45.0	9.14	40.0	8.18	36.7	7.54	28.3	5.97		
		11.2	10.0	51.7	9.10	50.0	8.83	46.7	8.29	45.0	8.02	40.0	7.22	36.7	6.69	28.3	5.34		
		16.4	15.0	51.7	6.74	50.0	6.57	46.7	6.22	45.0	6.04	40.0	5.49	36.7	5.12	28.3	4.14		
		24.0	18.0	51.7	5.83	50.0	5.66	46.7	5.32	45.0	5.15	40.0	4.63	36.7	4.29	28.3	3.44		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
		°CDB	°CWB	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI		
100%	90%	-24.9	-25.0	31.6	10.78	30.8	10.59	29.1	10.18	28.3	9.97	25.7	9.28	23.9	8.77	19.2	7.35		
		-19.8	-20.0	33.2	11.03	32.3	10.82	30.6	10.40	29.7	10.18	27.0	9.46	25.2	8.94	20.2	7.48		
		-14.7	-15.0	35.4	11.40	34.5	11.19	32.7	10.74	31.8	10.51	28.9	9.75	26.9	9.20	21.7	7.66		
		-9.6	-10.0	38.4	11.96	37.5	11.74	35.5	11.25	34.5	10.99	31.4	10.11	29.3	9.55	23.6	7.92		
		-4.4	-5.0	42.4	12.40	41.3	12.18	39.2	11.71	38.1	11.45	34.6	10.61	32.3	9.99	25.5	7.78		
		-1.8	-2.5	44.7	12.60	43.6	12.36	41.3	11.87	40.1	11.60	36.0	9.88	33.0	9.15	25.5	7.29		
		0.8	0.0	46.5	11.39	45.0	11.07	42.0	10.43	40.5	10.11	36.0	9.13	33.0	8.47	25.5	6.78		
		2.8	2.0	46.5	10.36	45.0	10.08	42.0	9.52	40.5	9.24	36.0	8.37	33.0	7.79	25.5	6.31		
		6.0	5.0	46.5	8.98	45.0	8.78	42.0	8.36	40.5	8.14	36.0	7.45	33.0	6.95	25.5	5.61		
		7.0	6.0	46.5	8.75	45.0	8.52	42.0	8.06	40.5	7.82	36.0	7.11	33.0	6.63	25.5	5.37		
		8.6	7.5	46.5	8.03	45.0	7.83	42.0	7.43	40.5	7.22	36.0	6.59	33.0	6.16	25.5	5.03		
		11.2	10.0	46.5	6.91	45.0	6.76	42.0	6.44	40.5	6.28	36.0	5.78	33.0	5.43	25.5	4.49		
		16.4	15.0	46.5	5.30	45.0	5.15	42.0	4.84	40.5	4.69	36.0	4.31	33.0	4.08	25.5	3.43		
		24.0	18.0	46.5	5.30	45.0	5.15	42.0	4.84	40.5	4.69	36.0	4.23	33.0	3.92	25.5	3.15		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	80%	-24.9	-25.0	31.6	10.78	30.8	10.59	29.1	10.18	28.3	9.97	25.7	9.28	23.9	8.77	19.2	7.35		
		-19.8	-20.0	33.2	11.03	32.3	10.82	30.6	10.40	29.7	10.18	27.0	9.46	25.2	8.94	20.2	7.48		
		-14.7	-15.0	35.4	11.40	34.5	11.19	32.7	10.74	31.8	10.51	28.9	9.75	26.9	9.20	21.7	7.66		
		-9.6	-10.0	38.4	11.96	37.5	11.74	35.5	11.25	34.5	10.99	31.4	10.11	29.3	9.55	22.7	7.22		
		-4.4	-5.0	41.3	10.19	40.0	9.96	37.3	9.48	36.0	9.23	32.0	8.46	29.3	7.91	22.7	6.47		
		-1.8	-2.5	41.3	9.40	40.0	9.19	37.3	8.77	36.0	8.55	32.0	7.86	29.3	7.37	22.7	6.09		
		0.8	0.0	41.3	8.54	40.0	8.38	37.3	8.05	36.0	7.87	32.0	7.29	29.3	6.87	22.7	5.70		
		2.8	2.0	41.3	7.87	40.0	7.73	37.3	7.43	36.0	7.27	32.0	6.76	29.3	6.38	22.7	5.31		
		6.0	5.0	41.3	6.91	40.0	6.80	37.3	6.56	36.0	6.42	32.0	5.98	29.3	5.65	22.7	4.70		
		7.0	6.0	41.3	6.66	40.0	6.54	37.3	6.27	36.0	6.14	32.0	5.70	29.3	5.38	22.7	4.50		
		8.6	7.5	41.3	6.07	40.0	5.97	37.3	5.75	36.0	5.63	32.0	5.26	29.3	4.98	22.7	4.21		
		11.2	10.0	41.3	5.16	40.0	5.09	37.3	4.94	36.0	4.86	32.0	4.58	29.3	4.37	22.7	3.74		
		16.4	15.0	41.3	4.77	40.0	4.63	37.3	4.36	36.0	4.23	32.0	3.82	29.3	3.55	22.7	2.87		
		24.0	18.0	41.3	4.77	40.0	4.63	37.3	4.36	36.0	4.23	32.0	3.82	29.3	3.55	22.7	2.87		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI
100%	70%	-24.9	-25.0	31.6	10.78	30.8	10.59	29.1	10.18	28.3	9.97	25.7	9.28	23.9	8.77	19.2	7.35
		-19.8	-20.0	33.2	11.03	32.3	10.82	30.6	10.40	29.7	10.18	27.0	9.46	25.2	8.94	19.8	6.79
		-14.7	-15.0	35.4	11.40	34.5	11.19	32.7	9.29	31.5	9.08	28.0	8.39	25.7	7.90	19.8	6.50
		-9.6	-10.0	36.2	8.87	35.0	8.71	32.7	8.37	31.5	8.19	28.0	7.61	25.7	7.18	19.8	6.02
		-4.4	-5.0	36.2	7.76	35.0	7.65	32.7	7.40	31.5	7.26	28.0	6.80	25.7	6.45	19.8	5.43
		-1.8	-2.5	36.2	7.21	35.0	7.11	32.7	6.89	31.5	6.77	28.0	6.36	25.7	6.04	19.8	5.11
		0.8	0.0	36.2	6.64	35.0	6.55	32.7	6.36	31.5	6.26	28.0	5.89	25.7	5.61	19.8	4.77
		2.8	2.0	36.2	6.07	35.0	6.00	32.7	5.84	31.5	5.75	28.0	5.44	25.7	5.19	19.8	4.43
		6.0	5.0	36.2	5.25	35.0	5.21	32.7	5.09	31.5	5.02	28.0	4.76	25.7	4.55	19.8	3.89
		7.0	6.0	36.2	4.99	35.0	4.94	32.7	4.82	31.5	4.75	28.0	4.52	25.7	4.33	19.8	3.74
		8.6	7.5	36.2	4.52	35.0	4.49	32.7	4.40	31.5	4.35	28.0	4.16	25.7	4.00	19.8	3.50
11.2	10.0	36.2	4.24	35.0	4.12	32.7	3.89	31.5	3.77	28.0	3.60	25.7	3.49	19.8	3.10		
16.4	15.0	36.2	4.24	35.0	4.12	32.7	3.89	31.5	3.77	28.0	3.41	25.7	3.17	19.8	2.58		
24.0	18.0	36.2	4.24	35.0	4.12	32.7	3.89	31.5	3.77	28.0	3.41	25.7	3.17	19.8	2.58		

3. Part Load of Outdoor Unit

U-14ME2E8 (Heating)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	60%	-24.9	-25.0	31.0	8.72	30.0	8.58	28.0	8.29	27.0	8.12	24.0	7.58	22.0	7.15	17.0	5.88
		-19.8	-20.0	31.0	8.19	30.0	8.07	28.0	7.81	27.0	7.67	24.0	7.21	22.0	6.85	17.0	5.71
		-14.7	-15.0	31.0	7.60	30.0	7.50	28.0	7.28	27.0	7.16	24.0	6.74	22.0	6.41	17.0	5.44
		-9.6	-10.0	31.0	6.89	30.0	6.81	28.0	6.63	27.0	6.53	24.0	6.17	22.0	5.88	17.0	5.02
		-4.4	-5.0	31.0	6.06	30.0	6.00	28.0	5.86	27.0	5.78	24.0	5.49	22.0	5.25	17.0	4.52
		-1.8	-2.5	31.0	5.60	30.0	5.55	28.0	5.44	27.0	5.37	24.0	5.11	22.0	4.91	17.0	4.25
		0.8	0.0	31.0	5.12	30.0	5.08	28.0	5.00	27.0	4.94	24.0	4.73	22.0	4.55	17.0	3.96
		2.8	2.0	31.0	4.64	30.0	4.62	28.0	4.56	27.0	4.52	24.0	4.35	22.0	4.19	17.0	3.67
		6.0	5.0	31.0	3.95	30.0	3.94	28.0	3.90	27.0	3.87	24.0	3.75	22.0	3.63	17.0	3.20
		7.0	6.0	31.0	3.72	30.0	3.70	28.0	3.67	27.0	3.65	24.0	3.55	22.0	3.45	17.0	3.09
		8.6	7.5	31.0	3.72	30.0	3.61	28.0	3.41	27.0	3.33	24.0	3.26	22.0	3.18	17.0	2.88
		11.2	10.0	31.0	3.72	30.0	3.61	28.0	3.41	27.0	3.31	24.0	3.00	22.0	2.80	17.0	2.56
		16.4	15.0	31.0	3.72	30.0	3.61	28.0	3.41	27.0	3.31	24.0	3.00	22.0	2.80	17.0	2.29
		24.0	18.0	31.0	3.72	30.0	3.61	28.0	3.41	27.0	3.31	24.0	3.00	22.0	2.80	17.0	2.29
100%	50%	-24.9	-25.0	25.8	6.78	25.0	6.70	23.3	6.53	22.5	6.43	20.0	6.09	18.3	5.82	14.2	4.86
		-19.8	-20.0	25.8	6.41	25.0	6.35	23.3	6.20	22.5	6.11	20.0	5.79	18.3	5.54	14.2	4.75
		-14.7	-15.0	25.8	5.94	25.0	5.89	23.3	5.76	22.5	5.69	20.0	5.41	18.3	5.18	14.2	4.48
		-9.6	-10.0	25.8	5.36	25.0	5.32	23.3	5.22	22.5	5.16	20.0	4.94	18.3	4.74	14.2	4.12
		-4.4	-5.0	25.8	4.68	25.0	4.65	23.3	4.59	22.5	4.55	20.0	4.38	18.3	4.22	14.2	3.71
		-1.8	-2.5	25.8	4.30	25.0	4.29	23.3	4.24	22.5	4.21	20.0	4.07	18.3	3.94	14.2	3.48
		0.8	0.0	25.8	3.91	25.0	3.91	23.3	3.89	22.5	3.86	20.0	3.75	18.3	3.65	14.2	3.25
		2.8	2.0	25.8	3.53	25.0	3.54	23.3	3.52	22.5	3.51	20.0	3.42	18.3	3.33	14.2	2.99
		6.0	5.0	25.8	3.19	25.0	3.10	23.3	2.94	22.5	2.94	20.0	2.91	18.3	2.86	14.2	2.61
		7.0	6.0	25.8	3.19	25.0	3.10	23.3	2.93	22.5	2.85	20.0	2.76	18.3	2.72	14.2	2.52
		8.6	7.5	25.8	3.19	25.0	3.10	23.3	2.93	22.5	2.85	20.0	2.59	18.3	2.51	14.2	2.35
		11.2	10.0	25.8	3.19	25.0	3.10	23.3	2.93	22.5	2.85	20.0	2.59	18.3	2.42	14.2	2.09
		16.4	15.0	25.8	3.19	25.0	3.10	23.3	2.93	22.5	2.85	20.0	2.59	18.3	2.42	14.2	2.00
		24.0	18.0	25.8	3.19	25.0	3.10	23.3	2.93	22.5	2.85	20.0	2.59	18.3	2.42	14.2	2.00
100%	40%	-24.9	-25.0	20.7	5.21	20.0	5.17	18.7	5.07	18.0	5.01	16.0	4.78	14.7	4.60	11.3	3.96
		-19.8	-20.0	20.7	4.92	20.0	4.89	18.7	4.81	18.0	4.75	16.0	4.55	14.7	4.38	11.3	3.82
		-14.7	-15.0	20.7	4.54	20.0	4.52	18.7	4.46	18.0	4.41	16.0	4.24	14.7	4.09	11.3	3.59
		-9.6	-10.0	20.7	4.09	20.0	4.07	18.7	4.03	18.0	4.00	16.0	3.86	14.7	3.74	11.3	3.31
		-4.4	-5.0	20.7	3.55	20.0	3.55	18.7	3.53	18.0	3.51	16.0	3.42	14.7	3.33	11.3	2.98
		-1.8	-2.5	20.7	3.26	20.0	3.26	18.7	3.26	18.0	3.25	16.0	3.17	14.7	3.09	11.3	2.79
		0.8	0.0	20.7	2.92	20.0	2.93	18.7	2.94	18.0	2.94	16.0	2.89	14.7	2.84	11.3	2.59
		2.8	2.0	20.7	2.66	20.0	2.60	18.7	2.63	18.0	2.63	16.0	2.62	14.7	2.58	11.3	2.39
		6.0	5.0	20.7	2.66	20.0	2.59	18.7	2.46	18.0	2.39	16.0	2.24	14.7	2.23	11.3	2.10
		7.0	6.0	20.7	2.66	20.0	2.59	18.7	2.46	18.0	2.39	16.0	2.18	14.7	2.12	11.3	2.02
		8.6	7.5	20.7	2.66	20.0	2.59	18.7	2.46	18.0	2.39	16.0	2.18	14.7	2.05	11.3	1.89
		11.2	10.0	20.7	2.66	20.0	2.59	18.7	2.46	18.0	2.39	16.0	2.18	14.7	2.05	11.3	1.71
		16.4	15.0	20.7	2.66	20.0	2.59	18.7	2.46	18.0	2.39	16.0	2.18	14.7	2.05	11.3	1.71
		24.0	18.0	20.7	2.66	20.0	2.59	18.7	2.46	18.0	2.39	16.0	2.18	14.7	2.05	11.3	1.71
100%	30%	-24.9	-25.0	15.5	3.84	15.0	3.83	14.0	3.77	13.5	3.74	12.0	3.60	11.0	3.48	8.5	3.06
		-19.8	-20.0	15.5	3.63	15.0	3.62	14.0	3.58	13.5	3.55	12.0	3.43	11.0	3.31	8.5	2.94
		-14.7	-15.0	15.5	3.35	15.0	3.34	14.0	3.32	13.5	3.29	12.0	3.20	11.0	3.10	8.5	2.77
		-9.6	-10.0	15.5	3.00	15.0	3.00	14.0	2.99	13.5	2.98	12.0	2.90	11.0	2.83	8.5	2.55
		-4.4	-5.0	15.5	2.56	15.0	2.57	14.0	2.58	13.5	2.58	12.0	2.55	11.0	2.50	8.5	2.29
		-1.8	-2.5	15.5	2.33	15.0	2.34	14.0	2.36	13.5	2.37	12.0	2.35	11.0	2.32	8.5	2.14
		0.8	0.0	15.5	2.13	15.0	2.11	14.0	2.14	13.5	2.15	12.0	2.15	11.0	2.13	8.5	2.00
		2.8	2.0	15.5	2.13	15.0	2.08	14.0	1.98	13.5	1.94	12.0	1.96	11.0	1.95	8.5	1.85
		6.0	5.0	15.5	2.13	15.0	2.08	14.0	1.98	13.5	1.93	12.0	1.78	11.0	1.70	8.5	1.65
		7.0	6.0	15.5	2.13	15.0	2.08	14.0	1.98	13.5	1.93	12.0	1.78	11.0	1.67	8.5	1.59
		8.6	7.5	15.5	2.13	15.0	2.08	14.0	1.98	13.5	1.93	12.0	1.78	11.0	1.67	8.5	1.50
		11.2	10.0	15.5	2.13	15.0	2.08	14.0	1.98	13.5	1.93	12.0	1.78	11.0	1.67	8.5	1.42
		16.4	15.0	15.5	2.13	15.0	2.08	14.0	1.98	13.5	1.93	12.0	1.78	11.0	1.67	8.5	1.42
		24.0	18.0	15.5	2.13	15.0	2.08	14.0	1.98	13.5	1.93	12.0	1.78	11.0	1.67	8.5	1.42

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-9. U-16ME2E8 (Cooling)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	30.0	3.55	36.0	4.26	42.0	4.97	45.0	5.33	51.0	6.04	57.0	6.75	63.0	7.46
		-5.0	30.0	3.56	36.0	4.27	42.0	4.98	45.0	5.33	51.0	6.04	57.0	6.75	63.0	7.46
		0.0	30.0	3.56	36.0	4.27	42.0	4.99	45.0	5.34	51.0	6.05	57.0	6.77	63.0	7.48
		5.0	30.0	3.57	36.0	4.28	42.0	4.99	45.0	5.35	51.0	6.08	57.0	6.81	63.0	7.54
		10.0	30.0	3.58	36.0	4.30	42.0	5.04	45.0	5.42	51.0	6.17	57.0	6.93	63.0	7.67
		15.0	30.0	3.65	36.0	4.43	42.0	5.22	45.0	5.62	51.0	6.43	57.0	7.25	63.0	8.01
		20.0	30.0	4.03	36.0	4.93	42.0	5.98	45.0	6.55	51.0	7.78	57.0	9.12	63.0	10.58
		25.0	30.0	5.16	36.0	6.39	42.0	7.75	45.0	8.47	51.0	10.01	57.0	11.67	63.0	13.46
		30.0	30.0	6.49	36.0	8.02	42.0	9.68	45.0	10.56	51.0	12.42	57.0	14.41	63.0	16.54
		35.0	30.0	7.92	36.0	9.77	42.0	11.76	45.0	12.81	51.0	15.02	57.0	17.37	60.2	17.92
		40.0	30.0	9.46	36.0	11.65	42.0	14.00	45.0	15.23	51.0	17.82	53.3	17.92	55.6	17.92
		43.0	30.0	10.44	36.0	12.85	42.0	15.43	45.0	16.79	48.6	17.92	51.0	17.92	52.1	17.07
		46.0	29.7	11.35	35.6	13.98	37.9	14.23	38.3	13.84	39.3	13.20	40.6	12.70	42.1	12.30
		52.0	12.9	4.81	14.1	4.86	15.5	4.95	16.2	5.01	17.9	5.14	19.7	5.29	21.7	5.45

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	27.0	2.87	32.4	3.60	37.8	4.31	40.5	4.66	45.9	5.35	51.3	6.02	56.7	6.67
		-5.0	27.0	2.88	32.4	3.61	37.8	4.32	40.5	4.67	45.9	5.35	51.3	6.03	56.7	6.68
		0.0	27.0	2.88	32.4	3.61	37.8	4.33	40.5	4.68	45.9	5.36	51.3	6.03	56.7	6.69
		5.0	27.0	2.89	32.4	3.62	37.8	4.33	40.5	4.68	45.9	5.37	51.3	6.05	56.7	6.71
		10.0	27.0	2.90	32.4	3.63	37.8	4.35	40.5	4.71	45.9	5.42	51.3	6.11	56.7	6.79
		15.0	27.0	2.93	32.4	3.69	37.8	4.45	40.5	4.82	45.9	5.56	51.3	6.28	56.7	6.99
		20.0	27.0	3.17	32.4	4.01	37.8	4.83	40.5	5.23	45.9	6.01	51.3	6.92	56.7	7.89
		25.0	27.0	4.15	32.4	5.16	37.8	6.21	40.5	6.74	45.9	7.84	51.3	8.97	56.7	10.12
		30.0	27.0	5.39	32.4	6.61	37.8	7.85	40.5	8.48	45.9	9.76	51.3	11.07	56.7	12.41
		35.0	27.0	6.92	32.4	8.40	37.8	9.90	40.5	10.65	45.9	12.18	51.3	13.75	56.7	15.38
		40.0	27.0	8.28	32.4	9.98	37.8	11.69	40.5	12.56	45.9	14.32	51.3	16.16	55.6	17.92
		43.0	27.0	9.12	32.4	10.96	37.8	12.81	40.5	13.75	45.9	15.69	51.0	17.92	52.1	17.07
		46.0	27.0	9.78	32.4	11.89	37.8	14.09	38.3	13.84	39.3	13.20	40.6	12.70	42.1	12.30
		52.0	12.9	4.81	14.1	4.86	15.5	4.95	16.2	5.01	17.9	5.14	19.7	5.29	21.7	5.45

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	24.0	2.46	28.8	3.12	33.6	3.77	36.0	4.09	40.8	4.71	45.6	5.32	50.4	5.92
		-5.0	24.0	2.46	28.8	3.13	33.6	3.77	36.0	4.09	40.8	4.72	45.6	5.33	50.4	5.93
		0.0	24.0	2.47	28.8	3.13	33.6	3.78	36.0	4.10	40.8	4.72	45.6	5.34	50.4	5.94
		5.0	24.0	2.48	28.8	3.14	33.6	3.79	36.0	4.11	40.8	4.73	45.6	5.34	50.4	5.94
		10.0	24.0	2.49	28.8	3.15	33.6	3.80	36.0	4.11	40.8	4.74	45.6	5.36	50.4	5.97
		15.0	24.0	2.50	28.8	3.17	33.6	3.83	36.0	4.16	40.8	4.81	45.6	5.45	50.4	6.07
		20.0	24.0	2.61	28.8	3.32	33.6	4.03	36.0	4.37	40.8	5.05	45.6	5.70	50.4	6.34
		25.0	24.0	3.34	28.8	4.11	33.6	4.89	36.0	5.28	40.8	6.08	45.6	6.88	50.4	7.70
		30.0	24.0	4.42	28.8	5.38	33.6	6.33	36.0	6.81	40.8	7.77	45.6	8.73	50.4	9.69
		35.0	24.0	5.77	28.8	6.95	33.6	8.12	36.0	8.70	40.8	9.86	45.6	11.02	50.4	12.18
		40.0	24.0	6.98	28.8	8.35	33.6	9.69	36.0	10.36	40.8	11.70	45.6	13.04	50.4	14.39
		43.0	24.0	7.73	28.8	9.21	33.6	10.67	36.0	11.40	40.8	12.85	45.6	14.32	50.4	15.82
		46.0	24.0	8.26	28.8	9.90	33.6	11.58	36.0	12.44	39.3	13.20	40.6	12.70	42.1	12.30
		52.0	12.9	4.81	14.1	4.86	15.5	4.95	16.2	5.01	17.9	5.14	19.7	5.29	21.7	5.45

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	21.0	2.04	25.2	2.63	29.4	3.21	31.5	3.50	35.7	4.06	39.9	4.61	44.1	5.14
		-5.0	21.0	2.05	25.2	2.64	29.4	3.21	31.5	3.50	35.7	4.06	39.9	4.61	44.1	5.15
		0.0	21.0	2.05	25.2	2.64	29.4	3.22	31.5	3.50	35.7	4.07	39.9	4.62	44.1	5.15
		5.0	21.0	2.06	25.2	2.65	29.4	3.23	31.5	3.51	35.7	4.07	39.9	4.62	44.1	5.16
		10.0	21.0	2.06	25.2	2.66	29.4	3.24	31.5	3.52	35.7	4.08	39.9	4.63	44.1	5.17
		15.0	21.0	2.08	25.2	2.67	29.4	3.25	31.5	3.53	35.7	4.10	39.9	4.66	44.1	5.21
		20.0	21.0	2.11	25.2	2.72	29.4	3.33	31.5	3.62	35.7	4.20	39.9	4.77	44.1	5.33
		25.0	21.0	2.53	25.2	3.16	29.4	3.76	31.5	4.06	35.7	4.63	39.9	5.19	44.1	5.73
		30.0	21.0	3.55	25.2	4.26	29.4	4.96	31.5	5.31	35.7	5.99	39.9	6.66	44.1	7.32
		35.0	21.0	4.71	25.2	5.62	29.4	6.50	31.5	6.93	35.7	7.78	39.9	8.61	44.1	9.43
		40.0	21.0	5.77	25.2	6.84	29.4	7.87	31.5	8.38	35.7	9.37	39.9	10.34	44.1	11.29
		43.0	21.0	6.42	25.2	7.59	29.4	8.72	31.5	9.27	35.7	10.35	39.9	11.41	44.1	12.45
		46.0	21.0	6.88	25.2	8.12	29.4	9.37	31.5	9.99	35.7	11.25	39.9	12.05	42.1	12.30
		52.0	12.9	4.81	14.1	4.86	15.5	4.95	16.2	5.01	17.9	5.14	19.7	5.29	21.7	5.45

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

U-16ME2E8 (Cooling)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	18.0	1.62	21.6	2.13	25.2	2.64	27.0	2.89	30.6	3.38	34.2	3.86	37.8	4.34
		-5.0	18.0	1.62	21.6	2.14	25.2	2.64	27.0	2.89	30.6	3.38	34.2	3.87	37.8	4.34
		0.0	18.0	1.63	21.6	2.14	25.2	2.65	27.0	2.90	30.6	3.39	34.2	3.87	37.8	4.35
		5.0	18.0	1.63	21.6	2.15	25.2	2.65	27.0	2.90	30.6	3.39	34.2	3.88	37.8	4.35
		10.0	18.0	1.64	21.6	2.15	25.2	2.66	27.0	2.91	30.6	3.40	34.2	3.89	37.8	4.36
		15.0	18.0	1.65	21.6	2.16	25.2	2.67	27.0	2.92	30.6	3.41	34.2	3.90	37.8	4.37
		20.0	18.0	1.66	21.6	2.18	25.2	2.69	27.0	2.94	30.6	3.44	34.2	3.93	37.8	4.41
		25.0	18.0	1.82	21.6	2.35	25.2	2.87	27.0	3.12	30.6	3.62	34.2	4.10	37.8	4.58
		30.0	18.0	2.75	21.6	3.26	25.2	3.75	27.0	3.99	30.6	4.44	34.2	4.87	37.8	5.29
		35.0	18.0	3.73	21.6	4.40	25.2	5.04	27.0	5.34	30.6	5.93	34.2	6.49	37.8	7.03
		40.0	18.0	4.64	21.6	5.45	25.2	6.21	27.0	6.58	30.6	7.29	34.2	7.96	37.8	8.61
		43.0	18.0	5.20	21.6	6.09	25.2	6.94	27.0	7.34	30.6	8.12	34.2	8.87	37.8	9.58
		46.0	18.0	5.64	21.6	6.56	25.2	7.45	27.0	7.89	30.6	8.74	34.2	9.58	37.8	10.40
		52.0	12.9	4.81	14.1	4.86	15.5	4.95	16.2	5.01	17.9	5.14	19.7	5.29	21.7	5.45

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	15.0	1.19	18.0	1.62	21.0	2.05	22.5	2.27	25.5	2.69	28.5	3.10	31.5	3.50
		-5.0	15.0	1.19	18.0	1.63	21.0	2.06	22.5	2.27	25.5	2.69	28.5	3.10	31.5	3.51
		0.0	15.0	1.19	18.0	1.63	21.0	2.06	22.5	2.27	25.5	2.69	28.5	3.11	31.5	3.51
		5.0	15.0	1.20	18.0	1.63	21.0	2.06	22.5	2.28	25.5	2.70	28.5	3.11	31.5	3.52
		10.0	15.0	1.20	18.0	1.64	21.0	2.07	22.5	2.28	25.5	2.70	28.5	3.12	31.5	3.52
		15.0	15.0	1.21	18.0	1.65	21.0	2.08	22.5	2.29	25.5	2.71	28.5	3.12	31.5	3.53
		20.0	15.0	1.22	18.0	1.66	21.0	2.09	22.5	2.31	25.5	2.72	28.5	3.14	31.5	3.54
		25.0	15.0	1.26	18.0	1.70	21.0	2.13	22.5	2.35	25.5	3.11	28.5	3.18	31.5	3.59
		30.0	15.0	2.05	18.0	2.38	21.0	2.62	22.5	2.78	25.5	3.11	28.5	3.46	31.5	3.83
		35.0	15.0	2.84	18.0	3.31	21.0	3.74	22.5	3.94	25.5	4.31	28.5	4.66	31.5	4.97
		40.0	15.0	3.60	18.0	4.18	21.0	4.72	22.5	4.97	25.5	5.44	28.5	5.87	31.5	6.27
		43.0	15.0	4.06	18.0	4.72	21.0	5.32	22.5	5.60	25.5	6.13	28.5	6.62	31.5	7.07
		46.0	15.0	4.53	18.0	5.18	21.0	5.79	22.5	6.08	25.5	6.64	28.5	7.16	31.5	7.66
		52.0	12.9	4.81	14.1	4.86	15.5	4.95	16.2	5.01	17.9	5.14	19.7	5.29	21.7	5.45

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	12.0	0.75	14.4	1.10	16.8	1.45	18.0	1.63	20.4	1.97	22.8	2.31	25.2	2.65
		-5.0	12.0	0.75	14.4	1.11	16.8	1.46	18.0	1.63	20.4	1.97	22.8	2.31	25.2	2.65
		0.0	12.0	0.75	14.4	1.11	16.8	1.46	18.0	1.63	20.4	1.98	22.8	2.32	25.2	2.65
		5.0	12.0	0.75	14.4	1.11	16.8	1.46	18.0	1.64	20.4	1.98	22.8	2.32	25.2	2.66
		10.0	12.0	0.76	14.4	1.11	16.8	1.47	18.0	1.64	20.4	1.98	22.8	2.32	25.2	2.66
		15.0	12.0	0.76	14.4	1.12	16.8	1.47	18.0	1.65	20.4	1.99	22.8	2.33	25.2	2.67
		20.0	12.0	0.77	14.4	1.13	16.8	1.48	18.0	1.66	20.4	2.00	22.8	2.34	25.2	2.68
		25.0	12.0	0.80	14.4	1.15	16.8	1.50	18.0	1.67	20.4	2.01	22.8	2.35	25.2	2.70
		30.0	12.0	1.08	14.4	1.32	16.8	1.62	18.0	1.77	20.4	2.09	22.8	2.44	25.2	2.82
		35.0	12.0	2.05	14.4	2.35	16.8	2.61	18.0	2.73	20.4	2.94	22.8	3.20	25.2	3.53
		40.0	12.0	2.65	14.4	3.04	16.8	3.38	18.0	3.54	20.4	3.82	22.8	4.07	25.2	4.27
		43.0	12.0	3.02	14.4	3.47	16.8	3.86	18.0	4.05	20.4	4.37	22.8	4.66	25.2	4.91
		46.0	12.0	3.55	14.4	3.98	16.8	4.37	18.0	4.55	20.4	4.89	22.8	5.18	25.2	5.45
		52.0	12.0	4.24	14.1	4.86	15.5	4.95	16.2	5.01	17.9	5.14	19.7	5.29	21.7	5.45

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	9.0	0.30	10.8	0.57	12.6	0.84	13.5	0.98	15.3	1.24	17.1	1.51	18.9	1.76
		-5.0	9.0	0.30	10.8	0.57	12.6	0.84	13.5	0.98	15.3	1.25	17.1	1.51	18.9	1.77
		0.0	9.0	0.30	10.8	0.57	12.6	0.85	13.5	0.98	15.3	1.25	17.1	1.51	18.9	1.77
		5.0	9.0	0.30	10.8	0.58	12.6	0.85	13.5	0.98	15.3	1.25	17.1	1.52	18.9	1.78
		10.0	9.0	0.31	10.8	0.58	12.6	0.85	13.5	0.99	15.3	1.26	17.1	1.52	18.9	1.78
		15.0	9.0	0.31	10.8	0.58	12.6	0.86	13.5	0.99	15.3	1.26	17.1	1.53	18.9	1.79
		20.0	9.0	0.32	10.8	0.59	12.6	0.86	13.5	1.00	15.3	1.28	17.1	1.54	18.9	1.80
		25.0	9.0	0.33	10.8	0.60	12.6	0.88	13.5	1.02	15.3	1.29	17.1	1.57	18.9	1.84
		30.0	9.0	0.37	10.8	0.63	12.6	0.91	13.5	1.07	15.3	1.39	17.1	1.70	18.9	2.00
		35.0	9.0	1.35	10.8	1.52	12.6	1.72	13.5	1.86	15.3	2.12	17.1	2.38	18.9	2.64
		40.0	9.0	1.79	10.8	2.03	12.6	2.22	13.5	2.31	15.3	2.45	17.1	2.56	18.9	2.64
		43.0	9.0	2.07	10.8	2.35	12.6	2.58	13.5	2.68	15.3	2.85	17.1	2.99	18.9	3.09
		46.0	9.0	2.68	10.8	2.94	12.6	3.17	13.5	3.27	15.3	3.44	17.1	3.58	18.9	3.70
		52.0	9.0	3.18	10.8	3.52	12.6	3.82	13.5	3.96	15.3	4.09	17.1	4.16	18.9	4.19

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-10. U-16ME2E8 (Heating)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-24.9	-25.0	34.1	11.58	33.2	11.38	31.5	10.96	30.6	10.74	27.9	10.02	26.0	9.49	21.0	7.99
		-19.8	-20.0	35.7	11.81	34.9	11.61	33.1	11.17	32.2	10.95	29.3	10.20	27.4	9.66	22.1	8.11
		-14.7	-15.0	38.1	12.18	37.2	11.96	35.3	11.51	34.3	11.27	31.3	10.48	29.2	9.91	23.7	8.30
		-9.6	-10.0	41.3	12.73	40.3	12.47	38.3	11.98	37.3	11.72	34.0	10.88	31.8	10.28	25.8	8.57
		-4.4	-5.0	45.5	13.35	44.4	13.12	42.2	12.62	41.1	12.35	37.5	11.45	35.0	10.79	28.4	8.94
		-1.8	-2.5	48.0	13.60	46.9	13.36	44.5	12.84	43.3	12.56	39.6	11.64	36.9	10.97	29.9	9.09
		0.8	0.0	50.8	13.82	49.6	13.56	47.1	13.02	45.8	12.73	41.8	11.78	39.1	11.09	31.5	9.09
		2.8	2.0	53.8	14.01	52.5	13.75	49.9	13.18	48.5	12.88	44.4	11.92	40.7	10.91	31.5	8.42
		6.0	5.0	57.4	13.75	55.6	13.27	51.9	12.32	50.0	11.86	44.4	10.49	40.7	9.60	31.5	7.46
		7.0	6.0	57.4	13.09	55.6	12.64	51.9	11.75	50.0	11.30	44.4	10.01	40.7	9.17	31.5	7.15
		8.6	7.5	57.4	12.12	55.6	11.70	51.9	10.89	50.0	10.49	44.4	9.32	40.7	8.56	31.5	6.71
		11.2	10.0	57.4	10.58	55.6	10.23	51.9	9.55	50.0	9.22	44.4	8.24	40.7	7.59	31.5	6.01
		16.4	15.0	57.4	7.89	55.6	7.67	51.9	7.22	50.0	7.00	44.4	6.32	40.7	5.87	31.5	4.72
		24.0	18.0	57.4	6.46	55.6	6.28	51.9	5.92	50.0	5.74	44.4	5.18	40.7	4.80	31.5	3.84

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI
100%	90%	-24.9	-25.0	34.1	11.58	33.2	11.38	31.5	10.96	30.6	10.74	27.9	10.02	26.0	9.49	21.0	7.99
		-19.8	-20.0	35.7	11.81	34.9	11.61	33.1	11.17	32.2	10.95	29.3	10.20	27.4	9.66	22.1	8.11
		-14.7	-15.0	38.1	12.18	37.2	11.96	35.3	11.51	34.3	11.27	31.3	10.48	29.2	9.91	23.7	8.30
		-9.6	-10.0	41.3	12.73	40.3	12.47	38.3	11.98	37.3	11.72	34.0	10.88	31.8	10.28	25.8	8.57
		-4.4	-5.0	45.5	13.35	44.4	13.12	42.2	12.62	41.1	12.35	37.5	11.45	35.0	10.79	28.3	8.94
		-1.8	-2.5	48.0	13.60	46.9	13.36	44.5	12.84	43.3	12.56	39.6	11.64	36.7	10.97	28.3	8.12
		0.8	0.0	50.8	13.82	49.6	13.56	46.7	11.85	45.0	11.46	40.0	10.29	36.7	9.51	28.3	7.55
		2.8	2.0	51.7	11.88	50.0	11.54	46.7	10.84	45.0	10.50	40.0	9.43	36.7	8.78	28.3	7.08
		6.0	5.0	51.7	10.33	50.0	10.08	46.7	9.57	45.0	9.30	40.0	8.48	36.7	7.86	28.3	6.30
		7.0	6.0	51.7	10.13	50.0	9.83	46.7	9.25	45.0	8.96	40.0	8.09	36.7	7.50	28.3	6.03
		8.6	7.5	51.7	9.32	50.0	9.06	46.7	8.54	45.0	8.28	40.0	7.50	36.7	6.98	28.3	5.65
		11.2	10.0	51.7	8.05	50.0	7.84	46.7	7.43	45.0	7.23	40.0	6.60	36.7	6.17	28.3	5.06
		16.4	15.0	51.7	5.85	50.0	5.73	46.7	5.49	45.0	5.37	40.0	4.97	36.7	4.69	28.3	3.92
		24.0	18.0	51.7	5.78	50.0	5.61	46.7	5.29	45.0	5.12	40.0	4.63	36.7	4.31	28.3	3.49

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	80%	-24.9	-25.0	34.1	11.58	33.2	11.38	31.5	10.96	30.6	10.74	27.9	10.02	26.0	9.49	21.0	7.99		
		-19.8	-20.0	35.7	11.81	34.9	11.61	33.1	11.17	32.2	10.95	29.3	10.20	27.4	9.66	22.1	8.11		
		-14.7	-15.0	38.1	12.18	37.2	11.96	35.3	11.51	34.3	11.27	31.3	10.48	29.2	9.91	23.7	8.30		
		-9.6	-10.0	41.3	12.73	40.3	12.47	38.3	11.98	37.3	11.72	34.0	10.88	31.8	10.28	25.2	8.57		
		-4.4	-5.0	45.5	13.35	44.4	13.12	41.5	10.68	40.0	10.38	35.6	9.46	32.6	8.83	25.2	7.18		
		-1.8	-2.5	45.9	10.67	44.4	10.42	41.5	9.90	40.0	9.63	35.6	8.81	32.6	8.24	25.2	6.78		
		0.8	0.0	45.9	9.75	44.4	9.51	41.5	9.10	40.0	8.89	35.6	8.20	32.6	7.71	25.2	6.36		
		2.8	2.0	45.9	8.97	44.4	8.80	41.5	8.43	40.0	8.24	35.6	7.62	32.6	7.17	25.2	5.94		
		6.0	5.0	45.9	7.93	44.4	7.79	41.5	7.49	40.0	7.32	35.6	6.80	32.6	6.39	25.2	5.28		
		7.0	6.0	45.9	7.72	44.4	7.55	41.5	7.21	40.0	7.03	35.6	6.48	32.6	6.09	25.2	5.06		
		8.6	7.5	45.9	7.05	44.4	6.91	41.5	6.62	40.0	6.47	35.6	5.99	32.6	5.65	25.2	4.73		
		11.2	10.0	45.9	6.02	44.4	5.92	41.5	5.71	40.0	5.59	35.6	5.23	32.6	4.97	25.2	4.23		
		16.4	15.0	45.9	5.21	44.4	5.07	41.5	4.78	40.0	4.63	35.6	4.20	32.6	3.91	25.2	3.25		
		24.0	18.0	45.9	5.21	44.4	5.07	41.5	4.78	40.0	4.63	35.6	4.20	32.6	3.91	25.2	3.18		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
		°CDB	°CWB	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI		
100%	70%	-24.9	-25.0	34.1	11.58	33.2	11.38	31.5	10.96	30.6	10.74	27.9	10.02	26.0	9.49	21.0	7.99		
		-19.8	-20.0	35.7	11.81	34.9	11.61	33.1	11.17	32.2	10.95	29.3	10.20	27.4	9.66	22.0	8.11		
		-14.7	-15.0	38.1	12.18	37.2	11.96	35.3	11.51	34.3	11.27	31.1	10.48	28.5	9.91	22.0	7.12		
		-9.6	-10.0	40.2	9.97	38.9	9.77	36.3	9.36	35.0	9.15	31.1	8.46	28.5	7.97	22.0	6.65		
		-4.4	-5.0	40.2	8.71	38.9	8.58	36.3	8.28	35.0	8.12	31.1	7.58	28.5	7.17	22.0	6.02		
		-1.8	-2.5	40.2	8.13	38.9	8.00	36.3	7.74	35.0	7.59	31.1	7.10	28.5	6.73	22.0	5.68		
		0.8	0.0	40.2	7.51	38.9	7.40	36.3	7.17	35.0	7.04	31.1	6.60	28.5	6.27	22.0	5.32		
		2.8	2.0	40.2	6.89	38.9	6.80	36.3	6.61	35.0	6.49	31.1	6.11	28.5	5.82	22.0	4.96		
		6.0	5.0	40.2	6.02	38.9	5.95	36.3	5.80	35.0	5.72	31.1	5.40	28.5	5.15	22.0	4.40		
		7.0	6.0	40.2	5.79	38.9	5.71	36.3	5.54	35.0	5.45	31.1	5.14	28.5	4.90	22.0	4.21		
		8.6	7.5	40.2	5.26	38.9	5.20	36.3	5.07	35.0	4.99	31.1	4.74	28.5	4.54	22.0	3.94		
		11.2	10.0	40.2	4.65	38.9	4.52	36.3	4.34	35.0	4.30	31.1	4.12	28.5	3.98	22.0	3.51		
		16.4	15.0	40.2	4.65	38.9	4.52	36.3	4.27	35.0	4.14	31.1	3.76	28.5	3.51	22.0	2.87		
24.0	18.0	40.2	4.65	38.9	4.52	36.3	4.27	35.0	4.14	31.1	3.76	28.5	3.51	22.0	2.87				

3. Part Load of Outdoor Unit

U-16ME2E8 (Heating)

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	60%	-24.9	-25.0	34.1	11.58	33.2	11.38	31.1	9.18	30.0	8.99	26.7	8.35	24.4	7.82	18.9	6.45
		-19.8	-20.0	34.4	9.12	33.3	8.98	31.1	8.66	30.0	8.49	26.7	7.94	24.4	7.52	18.9	6.23
		-14.7	-15.0	34.4	8.41	33.3	8.30	31.1	8.05	30.0	7.91	26.7	7.43	24.4	7.07	18.9	5.99
		-9.6	-10.0	34.4	7.66	33.3	7.57	31.1	7.36	30.0	7.24	26.7	6.82	24.4	6.50	18.9	5.54
		-4.4	-5.0	34.4	6.77	33.3	6.70	31.1	6.53	30.0	6.44	26.7	6.10	24.4	5.83	18.9	5.01
		-1.8	-2.5	34.4	6.28	33.3	6.22	31.1	6.08	30.0	6.00	26.7	5.70	24.4	5.46	18.9	4.72
		0.8	0.0	34.4	5.76	33.3	5.72	31.1	5.61	30.0	5.54	26.7	5.28	24.4	5.07	18.9	4.41
		2.8	2.0	34.4	5.25	33.3	5.22	31.1	5.14	30.0	5.08	26.7	4.87	24.4	4.69	18.9	4.11
		6.0	5.0	34.4	4.53	33.3	4.51	31.1	4.46	30.0	4.42	26.7	4.26	24.4	4.12	18.9	3.61
		7.0	6.0	34.4	4.29	33.3	4.27	31.1	4.22	30.0	4.18	26.7	4.04	24.4	3.91	18.9	3.48
		8.6	7.5	34.4	4.09	33.3	3.98	31.1	3.85	30.0	3.82	26.7	3.72	24.4	3.62	18.9	3.26
		11.2	10.0	34.4	4.09	33.3	3.98	31.1	3.76	30.0	3.65	26.7	3.33	24.4	3.17	18.9	2.91
		16.4	15.0	34.4	4.09	33.3	3.98	31.1	3.76	30.0	3.65	26.7	3.33	24.4	3.11	18.9	2.56
		24.0	18.0	34.4	4.09	33.3	3.98	31.1	3.76	30.0	3.65	26.7	3.33	24.4	3.11	18.9	2.56
100%	50%	-24.9	-25.0	28.7	7.46	27.8	7.37	25.9	7.18	25.0	7.07	22.2	6.69	20.4	6.38	15.7	5.36
		-19.8	-20.0	28.7	7.07	27.8	7.00	25.9	6.82	25.0	6.72	22.2	6.37	20.4	6.10	15.7	5.22
		-14.7	-15.0	28.7	6.56	27.8	6.50	25.9	6.36	25.0	6.27	22.2	5.96	20.4	5.71	15.7	4.94
		-9.6	-10.0	28.7	5.94	27.8	5.90	25.9	5.78	25.0	5.71	22.2	5.46	20.4	5.24	15.7	4.56
		-4.4	-5.0	28.7	5.22	27.8	5.19	25.9	5.11	25.0	5.06	22.2	4.86	20.4	4.69	15.7	4.12
		-1.8	-2.5	28.7	4.81	27.8	4.80	25.9	4.74	25.0	4.70	22.2	4.53	20.4	4.38	15.7	3.87
		0.8	0.0	28.7	4.40	27.8	4.39	25.9	4.35	25.0	4.32	22.2	4.19	20.4	4.07	15.7	3.62
		2.8	2.0	28.7	3.99	27.8	3.99	25.9	3.97	25.0	3.96	22.2	3.86	20.4	3.76	15.7	3.37
		6.0	5.0	28.7	3.53	27.8	3.43	25.9	3.38	25.0	3.38	22.2	3.32	20.4	3.25	15.7	2.95
		7.0	6.0	28.7	3.53	27.8	3.43	25.9	3.25	25.0	3.19	22.2	3.15	20.4	3.10	15.7	2.85
		8.6	7.5	28.7	3.53	27.8	3.43	25.9	3.25	25.0	3.16	22.2	2.91	20.4	2.87	15.7	2.67
		11.2	10.0	28.7	3.53	27.8	3.43	25.9	3.25	25.0	3.16	22.2	2.89	20.4	2.71	15.7	2.39
		16.4	15.0	28.7	3.53	27.8	3.43	25.9	3.25	25.0	3.16	22.2	2.89	20.4	2.71	15.7	2.25
		24.0	18.0	28.7	3.53	27.8	3.43	25.9	3.25	25.0	3.16	22.2	2.89	20.4	2.71	15.7	2.25
100%	40%	-24.9	-25.0	23.0	5.74	22.2	5.69	20.7	5.58	20.0	5.51	17.8	5.26	16.3	5.06	12.6	4.36
		-19.8	-20.0	23.0	5.43	22.2	5.39	20.7	5.30	20.0	5.24	17.8	5.01	16.3	4.82	12.6	4.22
		-14.7	-15.0	23.0	5.03	22.2	5.00	20.7	4.93	20.0	4.88	17.8	4.69	16.3	4.52	12.6	3.97
		-9.6	-10.0	23.0	4.54	22.2	4.52	20.7	4.47	20.0	4.43	17.8	4.28	16.3	4.15	12.6	3.67
		-4.4	-5.0	23.0	3.97	22.2	3.96	20.7	3.94	20.0	3.92	17.8	3.81	16.3	3.71	12.6	3.32
		-1.8	-2.5	23.0	3.65	22.2	3.66	20.7	3.65	20.0	3.63	17.8	3.55	16.3	3.47	12.6	3.13
		0.8	0.0	23.0	3.33	22.2	3.34	20.7	3.34	20.0	3.34	17.8	3.28	16.3	3.21	12.6	2.92
		2.8	2.0	23.0	2.98	22.2	2.99	20.7	3.01	20.0	3.01	17.8	2.98	16.3	2.93	12.6	2.70
		6.0	5.0	23.0	2.96	22.2	2.89	20.7	2.74	20.0	2.67	17.8	2.56	16.3	2.54	12.6	2.39
		7.0	6.0	23.0	2.96	22.2	2.89	20.7	2.74	20.0	2.67	17.8	2.45	16.3	2.43	12.6	2.30
		8.6	7.5	23.0	2.96	22.2	2.89	20.7	2.74	20.0	2.67	17.8	2.45	16.3	2.31	12.6	2.17
		11.2	10.0	23.0	2.96	22.2	2.89	20.7	2.74	20.0	2.67	17.8	2.45	16.3	2.31	12.6	1.95
		16.4	15.0	23.0	2.96	22.2	2.89	20.7	2.74	20.0	2.67	17.8	2.45	16.3	2.31	12.6	1.95
		24.0	18.0	23.0	2.96	22.2	2.89	20.7	2.74	20.0	2.67	17.8	2.45	16.3	2.31	12.6	1.95
100%	30%	-24.9	-25.0	17.2	4.26	16.7	4.24	15.6	4.18	15.0	4.14	13.3	3.99	12.2	3.85	9.4	3.40
		-19.8	-20.0	17.2	4.03	16.7	4.01	15.6	3.97	15.0	3.93	13.3	3.80	12.2	3.68	9.4	3.27
		-14.7	-15.0	17.2	3.73	16.7	3.72	15.6	3.69	15.0	3.66	13.3	3.55	12.2	3.45	9.4	3.09
		-9.6	-10.0	17.2	3.37	16.7	3.37	15.6	3.35	15.0	3.33	13.3	3.25	12.2	3.17	9.4	2.86
		-4.4	-5.0	17.2	2.92	16.7	2.93	15.6	2.94	15.0	2.93	13.3	2.88	12.2	2.82	9.4	2.58
		-1.8	-2.5	17.2	2.67	16.7	2.68	15.6	2.70	15.0	2.70	13.3	2.67	12.2	2.63	9.4	2.43
		0.8	0.0	17.2	2.40	16.7	2.42	15.6	2.45	15.0	2.46	13.3	2.46	12.2	2.43	9.4	2.27
		2.8	2.0	17.2	2.40	16.7	2.34	15.6	2.24	15.0	2.23	13.3	2.24	12.2	2.23	9.4	2.12
		6.0	5.0	17.2	2.40	16.7	2.34	15.6	2.24	15.0	2.18	13.3	2.02	12.2	1.96	9.4	1.90
		7.0	6.0	17.2	2.40	16.7	2.34	15.6	2.24	15.0	2.18	13.3	2.02	12.2	1.91	9.4	1.83
		8.6	7.5	17.2	2.40	16.7	2.34	15.6	2.24	15.0	2.18	13.3	2.02	12.2	1.91	9.4	1.73
		11.2	10.0	17.2	2.40	16.7	2.34	15.6	2.24	15.0	2.18	13.3	2.02	12.2	1.91	9.4	1.64
		16.4	15.0	17.2	2.40	16.7	2.34	15.6	2.24	15.0	2.18	13.3	2.02	12.2	1.91	9.4	1.64
		24.0	18.0	17.2	2.40	16.7	2.34	15.6	2.24	15.0	2.18	13.3	2.02	12.2	1.91	9.4	1.64

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-11. 18HP (Cooling) U-8ME2E8+U-10ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	33.3	3.03	40.0	3.63	46.7	4.24	50.0	4.54	56.7	5.14	63.3	5.75	70.0	6.35
		-5.0	33.3	3.03	40.0	3.64	46.7	4.24	50.0	4.55	56.7	5.15	63.3	5.76	70.0	6.36
		0.0	33.3	3.04	40.0	3.65	46.7	4.25	50.0	4.56	56.7	5.16	63.3	5.77	70.0	6.37
		5.0	33.3	3.05	40.0	3.66	46.7	4.27	50.0	4.57	56.7	5.18	63.3	5.80	70.0	6.41
		10.0	33.3	3.07	40.0	3.68	46.7	4.30	50.0	4.61	56.7	5.26	63.3	5.91	70.0	6.54
		15.0	33.3	3.11	40.0	3.78	46.7	4.47	50.0	4.82	56.7	5.53	63.3	6.25	70.0	6.91
		20.0	33.3	3.51	40.0	4.32	46.7	5.22	50.0	5.70	56.7	6.74	63.3	7.88	70.0	9.12
		25.0	33.3	4.52	40.0	5.56	46.7	6.72	50.0	7.33	56.7	8.63	63.3	10.04	70.0	11.56
		30.0	33.3	5.64	40.0	6.95	46.7	8.36	50.0	9.10	56.7	10.68	63.3	12.37	70.0	14.17
		35.0	33.3	6.86	40.0	8.43	46.7	10.12	50.0	11.01	56.7	12.88	63.3	14.88	67.0	15.40
		40.0	33.3	8.16	40.0	10.03	46.7	12.02	50.0	13.06	56.7	15.26	59.3	15.40	61.9	15.40
		43.0	33.3	8.99	40.0	11.04	46.7	13.23	50.0	14.38	54.1	15.40	56.7	15.40	57.9	14.62
		46.0	33.0	9.77	39.6	12.00	42.1	12.21	42.5	11.88	43.6	11.34	45.1	10.91	46.8	10.58
		52.0	14.4	4.22	15.7	4.26	17.2	4.34	18.0	4.39	19.8	4.50	21.9	4.63	24.1	4.77

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	30.0	2.44	36.0	3.06	42.0	3.67	45.0	3.97	51.0	4.55	57.0	5.12	63.0	5.68
		-5.0	30.0	2.45	36.0	3.07	42.0	3.68	45.0	3.98	51.0	4.56	57.0	5.13	63.0	5.69
		0.0	30.0	2.45	36.0	3.08	42.0	3.69	45.0	3.99	51.0	4.57	57.0	5.14	63.0	5.70
		5.0	30.0	2.47	36.0	3.09	42.0	3.70	45.0	4.00	51.0	4.58	57.0	5.15	63.0	5.72
		10.0	30.0	2.48	36.0	3.11	42.0	3.71	45.0	4.01	51.0	4.61	57.0	5.20	63.0	5.78
		15.0	30.0	2.50	36.0	3.15	42.0	3.79	45.0	4.11	51.0	4.74	57.0	5.37	63.0	5.98
		20.0	30.0	2.72	36.0	3.46	42.0	4.19	45.0	4.54	51.0	5.24	57.0	6.01	63.0	6.84
		25.0	30.0	3.67	36.0	4.52	42.0	5.41	45.0	5.86	51.0	6.79	57.0	7.74	63.0	8.72
		30.0	30.0	4.71	36.0	5.75	42.0	6.80	45.0	7.34	51.0	8.42	57.0	9.53	63.0	10.67
		35.0	30.0	6.02	36.0	7.27	42.0	8.54	45.0	9.18	51.0	10.47	57.0	11.81	63.0	13.19
		40.0	30.0	7.17	36.0	8.61	42.0	10.06	45.0	10.79	51.0	12.29	57.0	13.85	61.9	15.40
		43.0	30.0	7.88	36.0	9.44	42.0	11.01	45.0	11.81	51.0	13.45	56.7	15.40	57.9	14.62
		46.0	30.0	8.44	36.0	10.22	42.0	12.10	42.5	11.88	43.6	11.34	45.1	10.91	46.8	10.58
		52.0	14.4	4.22	15.7	4.26	17.2	4.34	18.0	4.39	19.8	4.50	21.9	4.63	24.1	4.77

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	26.7	2.09	32.0	2.66	37.3	3.21	40.0	3.48	45.3	4.01	50.7	4.53	56.0	5.04
		-5.0	26.7	2.10	32.0	2.66	37.3	3.21	40.0	3.48	45.3	4.02	50.7	4.54	56.0	5.05
		0.0	26.7	2.10	32.0	2.67	37.3	3.22	40.0	3.49	45.3	4.02	50.7	4.55	56.0	5.06
		5.0	26.7	2.11	32.0	2.68	37.3	3.23	40.0	3.50	45.3	4.04	50.7	4.56	56.0	5.07
		10.0	26.7	2.13	32.0	2.69	37.3	3.25	40.0	3.52	45.3	4.05	50.7	4.57	56.0	5.09
		15.0	26.7	2.15	32.0	2.71	37.3	3.27	40.0	3.55	45.3	4.10	50.7	4.64	56.0	5.17
		20.0	26.7	2.22	32.0	2.84	37.3	3.44	40.0	3.74	45.3	4.33	50.7	4.90	56.0	5.45
		25.0	26.7	2.99	32.0	3.63	37.3	4.29	40.0	4.62	45.3	5.30	50.7	5.98	56.0	6.67
		30.0	26.7	3.90	32.0	4.70	37.3	5.51	40.0	5.92	45.3	6.73	50.7	7.54	56.0	8.36
		35.0	26.7	5.05	32.0	6.04	37.3	7.03	40.0	7.52	45.3	8.50	50.7	9.49	56.0	10.47
		40.0	26.7	6.07	32.0	7.22	37.3	8.36	40.0	8.93	45.3	10.06	50.7	11.20	56.0	12.35
		43.0	26.7	6.70	32.0	7.96	37.3	9.19	40.0	9.81	45.3	11.04	50.7	12.29	56.0	13.56
		46.0	26.7	7.15	32.0	8.54	37.3	9.96	40.0	10.69	43.6	11.34	45.1	10.91	46.8	10.58
		52.0	14.4	4.22	15.7	4.26	17.2	4.34	18.0	4.39	19.8	4.50	21.9	4.63	24.1	4.77

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	23.3	1.74	28.0	2.24	32.7	2.73	35.0	2.97	39.7	3.45	44.3	3.92	49.0	4.38
		-5.0	23.3	1.74	28.0	2.24	32.7	2.74	35.0	2.98	39.7	3.46	44.3	3.92	49.0	4.38
		0.0	23.3	1.75	28.0	2.25	32.7	2.74	35.0	2.98	39.7	3.46	44.3	3.93	49.0	4.39
		5.0	23.3	1.75	28.0	2.26	32.7	2.75	35.0	2.99	39.7	3.47	44.3	3.94	49.0	4.40
		10.0	23.3	1.76	28.0	2.27	32.7	2.76	35.0	3.01	39.7	3.48	44.3	3.95	49.0	4.41
		15.0	23.3	1.78	28.0	2.29	32.7	2.78	35.0	3.02	39.7	3.50	44.3	3.97	49.0	4.43
		20.0	23.3	1.81	28.0	2.32	32.7	2.83	35.0	3.09	39.7	3.58	44.3	4.07	49.0	4.55
		25.0	23.3	2.22	28.0	2.76	32.7	3.29	35.0	3.54	39.7	4.03	44.3	4.51	49.0	4.98
		30.0	23.3	3.16	28.0	3.76	32.7	4.35	35.0	4.65	39.7	5.22	44.3	5.79	49.0	6.35
		35.0	23.3	4.15	28.0	4.91	32.7	5.66	35.0	6.03	39.7	6.75	44.3	7.45	49.0	8.14
		40.0	23.3	5.04	28.0	5.95	32.7	6.82	35.0	7.25	39.7	8.09	44.3	8.91	49.0	9.72
		43.0	23.3	5.59	28.0	6.58	32.7	7.54	35.0	8.01	39.7	8.92	44.3	9.82	49.0	10.70
		46.0	23.3	5.98	28.0	7.03	32.7	8.09	35.0	8.62	39.7	9.68	44.3	10.36	46.8	10.58
		52.0	14.4	4.22	15.7	4.26	17.2	4.34	18.0	4.39	19.8	4.50	21.9	4.63	24.1	4.77

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

18HP (Cooling) U-8ME2E8+U-10ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	20.0	1.37	24.0	1.81	28.0	2.24	30.0	2.46	34.0	2.87	38.0	3.29	42.0	3.69
		-5.0	20.0	1.38	24.0	1.82	28.0	2.25	30.0	2.46	34.0	2.88	38.0	3.29	42.0	3.70
		0.0	20.0	1.38	24.0	1.82	28.0	2.25	30.0	2.47	34.0	2.88	38.0	3.30	42.0	3.70
		5.0	20.0	1.39	24.0	1.83	28.0	2.26	30.0	2.47	34.0	2.89	38.0	3.30	42.0	3.71
		10.0	20.0	1.40	24.0	1.84	28.0	2.27	30.0	2.48	34.0	2.90	38.0	3.31	42.0	3.72
		15.0	20.0	1.41	24.0	1.85	28.0	2.28	30.0	2.50	34.0	2.92	38.0	3.33	42.0	3.73
		20.0	20.0	1.44	24.0	1.88	28.0	2.31	30.0	2.52	34.0	2.94	38.0	3.35	42.0	3.76
		25.0	20.0	1.56	24.0	2.01	28.0	2.45	30.0	2.67	34.0	3.09	38.0	3.51	42.0	3.91
		30.0	20.0	2.49	24.0	2.92	28.0	3.33	30.0	3.53	34.0	3.91	38.0	4.28	42.0	4.63
		35.0	20.0	3.32	24.0	3.89	28.0	4.42	30.0	4.68	34.0	5.18	38.0	5.66	42.0	6.11
		40.0	20.0	4.09	24.0	4.77	28.0	5.42	30.0	5.73	34.0	6.33	38.0	6.90	42.0	7.45
		43.0	20.0	4.56	24.0	5.31	28.0	6.03	30.0	6.37	34.0	7.03	38.0	7.66	42.0	8.27
		46.0	20.0	4.93	24.0	5.70	28.0	6.46	30.0	6.83	34.0	7.56	38.0	8.27	42.0	8.97
		52.0	14.4	4.22	15.7	4.26	17.2	4.34	18.0	4.39	19.8	4.50	21.9	4.63	24.1	4.77

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	16.7	1.01	20.0	1.38	23.3	1.74	25.0	1.93	28.3	2.28	31.7	2.63	35.0	2.98
		-5.0	16.7	1.01	20.0	1.38	23.3	1.75	25.0	1.93	28.3	2.29	31.7	2.64	35.0	2.98
		0.0	16.7	1.01	20.0	1.39	23.3	1.75	25.0	1.93	28.3	2.29	31.7	2.64	35.0	2.99
		5.0	16.7	1.02	20.0	1.39	23.3	1.76	25.0	1.94	28.3	2.30	31.7	2.65	35.0	2.99
		10.0	16.7	1.02	20.0	1.40	23.3	1.76	25.0	1.95	28.3	2.30	31.7	2.66	35.0	3.00
		15.0	16.7	1.03	20.0	1.41	23.3	1.78	25.0	1.96	28.3	2.32	31.7	2.67	35.0	3.01
		20.0	16.7	1.05	20.0	1.43	23.3	1.79	25.0	1.98	28.3	2.33	31.7	2.68	35.0	3.03
		25.0	16.7	1.09	20.0	1.46	23.3	1.83	25.0	2.01	28.3	2.36	31.7	2.71	35.0	3.06
		30.0	16.7	1.90	20.0	2.16	23.3	2.32	25.0	2.43	28.3	2.70	31.7	2.98	35.0	3.29
		35.0	16.7	2.57	20.0	2.97	23.3	3.33	25.0	3.50	28.3	3.81	31.7	4.10	35.0	4.37
		40.0	16.7	3.21	20.0	3.70	23.3	4.15	25.0	4.37	28.3	4.77	31.7	5.13	35.0	5.47
		43.0	16.7	3.60	20.0	4.15	23.3	4.66	25.0	4.90	28.3	5.35	31.7	5.76	35.0	6.15
		46.0	16.7	3.99	20.0	4.54	23.3	5.05	25.0	5.30	28.3	5.77	31.7	6.22	35.0	6.64
		52.0	14.4	4.22	15.7	4.26	17.2	4.34	18.0	4.39	19.8	4.50	21.9	4.63	24.1	4.77

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	13.3	0.63	16.0	0.93	18.7	1.23	20.0	1.38	22.7	1.67	25.3	1.96	28.0	2.25
		-5.0	13.3	0.63	16.0	0.94	18.7	1.24	20.0	1.38	22.7	1.68	25.3	1.97	28.0	2.25
		0.0	13.3	0.64	16.0	0.94	18.7	1.24	20.0	1.39	22.7	1.68	25.3	1.97	28.0	2.26
		5.0	13.3	0.64	16.0	0.94	18.7	1.24	20.0	1.39	22.7	1.68	25.3	1.97	28.0	2.26
		10.0	13.3	0.65	16.0	0.95	18.7	1.25	20.0	1.40	22.7	1.69	25.3	1.98	28.0	2.27
		15.0	13.3	0.65	16.0	0.96	18.7	1.26	20.0	1.40	22.7	1.70	25.3	1.99	28.0	2.28
		20.0	13.3	0.67	16.0	0.97	18.7	1.27	20.0	1.42	22.7	1.71	25.3	2.00	28.0	2.29
		25.0	13.3	0.69	16.0	1.00	18.7	1.29	20.0	1.44	22.7	1.73	25.3	2.02	28.0	2.31
		30.0	13.3	0.95	16.0	1.14	18.7	1.38	20.0	1.52	22.7	1.79	25.3	2.08	28.0	2.41
		35.0	13.3	1.90	16.0	2.16	18.7	2.38	20.0	2.48	22.7	2.65	25.3	2.87	28.0	3.16
		40.0	13.3	2.41	16.0	2.74	18.7	3.03	20.0	3.16	22.7	3.40	25.3	3.60	28.0	3.78
		43.0	13.3	2.72	16.0	3.10	18.7	3.43	20.0	3.59	22.7	3.86	25.3	4.11	28.0	4.32
		46.0	13.3	3.15	16.0	3.52	18.7	3.85	20.0	4.00	22.7	4.29	25.3	4.54	28.0	4.76
		52.0	13.3	3.74	15.7	4.26	17.2	4.34	18.0	4.39	19.8	4.50	21.9	4.63	24.1	4.77

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	10.0	0.25	12.0	0.48	14.0	0.71	15.0	0.83	17.0	1.06	19.0	1.28	21.0	1.50
		-5.0	10.0	0.25	12.0	0.48	14.0	0.71	15.0	0.83	17.0	1.06	19.0	1.28	21.0	1.51
		0.0	10.0	0.25	12.0	0.49	14.0	0.72	15.0	0.83	17.0	1.06	19.0	1.29	21.0	1.51
		5.0	10.0	0.26	12.0	0.49	14.0	0.72	15.0	0.84	17.0	1.07	19.0	1.30	21.0	1.52
		10.0	10.0	0.26	12.0	0.49	14.0	0.73	15.0	0.84	17.0	1.08	19.0	1.30	21.0	1.53
		15.0	10.0	0.27	12.0	0.50	14.0	0.73	15.0	0.85	17.0	1.08	19.0	1.31	21.0	1.54
		20.0	10.0	0.27	12.0	0.51	14.0	0.74	15.0	0.86	17.0	1.10	19.0	1.33	21.0	1.55
		25.0	10.0	0.29	12.0	0.52	14.0	0.76	15.0	0.88	17.0	1.12	19.0	1.35	21.0	1.58
		30.0	10.0	0.34	12.0	0.56	14.0	0.79	15.0	0.92	17.0	1.19	19.0	1.46	21.0	1.72
		35.0	10.0	1.31	12.0	1.46	14.0	1.63	15.0	1.74	17.0	1.96	19.0	2.18	21.0	2.40
		40.0	10.0	1.68	12.0	1.88	14.0	2.05	15.0	2.12	17.0	2.24	19.0	2.33	21.0	2.40
		43.0	10.0	1.92	12.0	2.15	14.0	2.35	15.0	2.43	17.0	2.58	19.0	2.70	21.0	2.78
		46.0	10.0	2.41	12.0	2.64	14.0	2.83	15.0	2.91	17.0	3.06	19.0	3.18	21.0	3.28
		52.0	10.0	2.84	12.0	3.13	14.0	3.38	15.0	3.50	17.0	3.61	19.0	3.67	21.0	3.69

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-12. 18HP (Heating) U-8ME2E8+U-10ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	100%	-24.9	-25.0	41.7	13.63	40.7	13.40	38.6	12.90	37.5	12.63	34.1	11.77	31.8	11.14	25.7	9.36
		-19.8	-20.0	43.8	13.91	42.7	13.67	40.5	13.15	39.3	12.87	35.9	11.99	33.4	11.34	27.0	9.51
		-14.7	-15.0	46.7	14.34	45.5	14.08	43.2	13.53	42.0	13.24	38.3	12.31	35.8	11.64	28.9	9.73
		-9.6	-10.0	50.6	14.95	49.3	14.62	46.9	14.08	45.6	13.77	41.6	12.78	38.9	12.06	31.5	10.04
		-4.4	-5.0	55.7	15.73	54.4	15.45	51.7	14.84	50.2	14.51	45.9	13.44	42.8	12.65	34.7	10.46
		-1.8	-2.5	58.4	15.82	57.4	15.71	54.5	15.09	53.0	14.76	48.4	13.66	45.2	12.87	35.3	10.14
		0.8	0.0	61.3	15.82	60.5	15.82	57.6	15.28	56.0	14.90	49.8	13.22	45.6	12.12	35.3	9.44
		2.8	2.0	64.3	15.75	62.2	15.22	58.1	14.18	56.0	13.67	49.8	12.15	45.6	11.16	35.3	8.74
		6.0	5.0	64.3	13.61	62.2	13.18	58.1	12.31	56.0	11.88	49.8	10.62	45.6	9.77	35.3	7.72
		7.0	6.0	64.3	12.92	62.2	12.52	58.1	11.71	56.0	11.30	49.8	10.11	45.6	9.33	35.3	7.39
		8.6	7.5	64.3	11.91	62.2	11.54	58.1	10.81	56.0	10.45	49.8	9.38	45.6	8.68	35.3	6.92
		11.2	10.0	64.3	10.31	62.2	10.01	58.1	9.42	56.0	9.13	49.8	8.25	45.6	7.67	35.3	6.19
		16.4	15.0	64.3	7.52	62.2	7.35	58.1	6.99	56.0	6.81	49.8	6.25	45.6	5.86	35.3	4.82
		24.0	18.0	64.3	6.86	62.2	6.66	58.1	6.27	56.0	6.08	49.8	5.49	45.6	5.10	35.3	4.13

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	41.7	13.63	40.7	13.40	38.6	12.90	37.5	12.63	34.1	11.77	31.8	11.14	25.7	9.36
		-19.8	-20.0	43.8	13.91	42.7	13.67	40.5	13.15	39.3	12.87	35.9	11.99	33.4	11.34	27.0	9.51
		-14.7	-15.0	46.7	14.34	45.5	14.08	43.2	13.53	42.0	13.24	38.3	12.31	35.8	11.64	28.9	9.73
		-9.6	-10.0	50.6	14.95	49.3	14.62	46.9	14.08	45.6	13.77	41.6	12.78	38.9	12.06	31.5	10.04
		-4.4	-5.0	55.7	15.73	54.4	15.45	51.7	14.84	50.2	14.51	44.8	12.29	41.1	11.38	31.7	9.07
		-1.8	-2.5	57.9	14.33	56.0	13.92	52.3	13.10	50.4	12.69	44.8	11.45	41.1	10.61	31.7	8.50
		0.8	0.0	57.9	13.13	56.0	12.77	52.3	12.04	50.4	11.67	44.8	10.57	41.1	9.82	31.7	7.90
		2.8	2.0	57.9	11.93	56.0	11.61	52.3	10.98	50.4	10.66	44.8	9.66	41.1	9.04	31.7	7.39
		6.0	5.0	57.9	10.30	56.0	10.08	52.3	9.63	50.4	9.40	44.8	8.65	41.1	8.07	31.7	6.56
		7.0	6.0	57.9	10.08	56.0	9.82	52.3	9.30	50.4	9.04	44.8	8.24	41.1	7.69	31.7	6.28
		8.6	7.5	57.9	9.23	56.0	9.01	52.3	8.56	50.4	8.33	44.8	7.63	41.1	7.14	31.7	5.88
		11.2	10.0	57.9	7.90	56.0	7.74	52.3	7.39	50.4	7.22	44.8	6.67	41.1	6.29	31.7	5.25
		16.4	15.0	57.9	6.25	56.0	6.08	52.3	5.73	50.4	5.55	44.8	5.02	41.1	4.74	31.7	4.05
		24.0	18.0	57.9	6.25	56.0	6.08	52.3	5.73	50.4	5.55	44.8	5.02	41.1	4.67	31.7	3.80

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	80%	-24.9	-25.0	41.7	13.63	40.7	13.40	38.6	12.90	37.5	12.63	34.1	11.77	31.8	11.14	25.7	9.36
		-19.8	-20.0	43.8	13.91	42.7	13.67	40.5	13.15	39.3	12.87	35.9	11.99	33.4	11.34	27.0	9.51
		-14.7	-15.0	46.7	14.34	45.5	14.08	43.2	13.53	42.0	13.24	38.3	12.31	35.8	11.64	28.2	9.73
		-9.6	-10.0	50.6	14.95	49.3	14.62	46.5	14.08	44.8	12.17	39.8	11.11	36.5	10.38	28.2	8.44
		-4.4	-5.0	51.4	11.81	49.8	11.54	46.5	10.99	44.8	10.71	39.8	9.83	36.5	9.21	28.2	7.57
		-1.8	-2.5	51.4	10.88	49.8	10.65	46.5	10.16	44.8	9.92	39.8	9.13	36.5	8.58	28.2	7.14
		0.8	0.0	51.4	9.90	49.8	9.69	46.5	9.32	44.8	9.12	39.8	8.48	36.5	8.01	28.2	6.69
		2.8	2.0	51.4	9.09	49.8	8.94	46.5	8.62	44.8	8.44	39.8	7.87	36.5	7.45	28.2	6.25
		6.0	5.0	51.4	7.99	49.8	7.87	46.5	7.62	44.8	7.48	39.8	7.00	36.5	6.62	28.2	5.55
		7.0	6.0	51.4	7.76	49.8	7.62	46.5	7.32	44.8	7.16	39.8	6.66	36.5	6.30	28.2	5.31
		8.6	7.5	51.4	7.06	49.8	6.94	46.5	6.70	44.8	6.57	39.8	6.15	36.5	5.84	28.2	4.97
		11.2	10.0	51.4	5.98	49.8	5.91	46.5	5.74	44.8	5.65	39.8	5.35	36.5	5.12	28.2	4.43
		16.4	15.0	51.4	5.65	49.8	5.49	46.5	5.18	44.8	5.02	39.8	4.56	36.5	4.24	28.2	3.46
		24.0	18.0	51.4	5.65	49.8	5.49	46.5	5.18	44.8	5.02	39.8	4.56	36.5	4.24	28.2	3.46

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	70%	-24.9	-25.0	41.7	13.63	40.7	13.40	38.6	12.90	37.5	12.63	34.1	11.77	31.8	11.14	24.7	9.36
		-19.8	-20.0	43.8	13.91	42.7	13.67	40.5	13.15	39.2	12.87	34.8	10.46	31.9	9.74	24.7	7.96
		-14.7	-15.0	45.0	11.50	43.6	11.28	40.7	10.82	39.2	10.57	34.8	9.79	31.9	9.22	24.7	7.62
		-9.6	-10.0	45.0	10.31	43.6	10.13	40.7	9.75	39.2	9.54	34.8	8.87	31.9	8.39	24.7	7.06
		-4.4	-5.0	45.0	8.99	43.6	8.87	40.7	8.60	39.2	8.44	34.8	7.93	31.9	7.54	24.7	6.39
		-1.8	-2.5	45.0	8.37	43.6	8.26	40.7	8.02	39.2	7.89	34.8	7.43	31.9	7.07	24.7	6.02
		0.8	0.0	45.0	7.71	43.6	7.62	40.7	7.42	39.2	7.30	34.8	6.90	31.9	6.58	24.7	5.63
		2.8	2.0	45.0	7.06	43.6	6.99	40.7	6.82	39.2	6.73	34.8	6.38	31.9	6.10	24.7	5.25
		6.0	5.0	45.0	6.14	43.6	6.09	40.7	5.97	39.2	5.90	34.8	5.62	31.9	5.39	24.7	4.65
		7.0	6.0	45.0	5.89	43.6	5.83	40.7	5.69	39.2	5.61	34.8	5.34	31.9	5.12	24.7	4.46
		8.6	7.5	45.0	5.34	43.6	5.29	40.7	5.19	39.2	5.13	34.8	4.92	31.9	4.74	24.7	4.17
		11.2	10.0	45.0	5.04	43.6	4.91	40.7	4.63	39.2	4.50	34.8	4.27	31.9	4.15	24.7	3.72
		16.4	15.0	45.0	5.04	43.6	4.91	40.7	4.63	39.2	4.50	34.8	4.09	31.9	3.82	24.7	3.13
24.0	18.0	45.0	5.04	43.6	4.91	40.7	4.63	39.2	4.50	34.8	4.09	31.9	3.82	24.7	3.13		

3. Part Load of Outdoor Unit

18HP (Heating) U-8ME2E8+U-10ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	60%	-24.9	-25.0	38.6	10.17	37.3	10.01	34.8	9.67	33.6	9.49	29.9	8.86	27.4	8.37	21.2	6.91
		-19.8	-20.0	38.6	9.56	37.3	9.42	34.8	9.12	33.6	8.95	29.9	8.40	27.4	7.99	21.2	6.71
		-14.7	-15.0	38.6	8.81	37.3	8.71	34.8	8.47	33.6	8.33	29.9	7.86	27.4	7.50	21.2	6.40
		-9.6	-10.0	38.6	8.01	37.3	7.92	34.8	7.73	33.6	7.62	29.9	7.21	27.4	6.89	21.2	5.92
		-4.4	-5.0	38.6	7.06	37.3	7.00	34.8	6.85	33.6	6.76	29.9	6.44	27.4	6.18	21.2	5.35
		-1.8	-2.5	38.6	6.54	37.3	6.49	34.8	6.37	33.6	6.30	29.9	6.01	27.4	5.78	21.2	5.04
		0.8	0.0	38.6	6.00	37.3	5.96	34.8	5.87	33.6	5.81	29.9	5.57	27.4	5.37	21.2	4.71
		2.8	2.0	38.6	5.45	37.3	5.43	34.8	5.37	33.6	5.32	29.9	5.14	27.4	4.97	21.2	4.38
		6.0	5.0	38.6	4.69	37.3	4.68	34.8	4.65	33.6	4.62	29.9	4.48	27.4	4.35	21.2	3.86
		7.0	6.0	38.6	4.44	37.3	4.43	34.8	4.39	33.6	4.36	29.9	4.25	27.4	4.13	21.2	3.72
		8.6	7.5	38.6	4.44	37.3	4.32	34.8	4.09	33.6	3.99	29.9	3.91	27.4	3.82	21.2	3.48
		11.2	10.0	38.6	4.44	37.3	4.32	34.8	4.09	33.6	3.97	29.9	3.62	27.4	3.39	21.2	3.11
		16.4	15.0	38.6	4.44	37.3	4.32	34.8	4.09	33.6	3.97	29.9	3.62	27.4	3.39	21.2	2.80
		24.0	18.0	38.6	4.44	37.3	4.32	34.8	4.09	33.6	3.97	29.9	3.62	27.4	3.39	21.2	2.80
100%	50%	-24.9	-25.0	32.1	7.90	31.1	7.82	29.0	7.63	28.0	7.52	24.9	7.13	22.8	6.82	17.6	5.75
		-19.8	-20.0	32.1	7.48	31.1	7.42	29.0	7.25	28.0	7.15	24.9	6.80	22.8	6.51	17.6	5.61
		-14.7	-15.0	32.1	6.94	31.1	6.89	29.0	6.75	28.0	6.67	24.9	6.36	22.8	6.10	17.6	5.30
		-9.6	-10.0	32.1	6.28	31.1	6.24	29.0	6.14	28.0	6.07	24.9	5.82	22.8	5.60	17.6	4.90
		-4.4	-5.0	32.1	5.51	31.1	5.48	29.0	5.42	28.0	5.37	24.9	5.18	22.8	5.01	17.6	4.43
		-1.8	-2.5	32.1	5.08	31.1	5.07	29.0	5.02	28.0	4.99	24.9	4.83	22.8	4.68	17.6	4.17
		0.8	0.0	32.1	4.63	31.1	4.63	29.0	4.61	28.0	4.59	24.9	4.47	22.8	4.35	17.6	3.90
		2.8	2.0	32.1	4.20	31.1	4.21	29.0	4.20	28.0	4.19	24.9	4.11	22.8	4.01	17.6	3.62
		6.0	5.0	32.1	3.84	31.1	3.74	29.0	3.58	28.0	3.57	24.9	3.53	22.8	3.48	17.6	3.18
		7.0	6.0	32.1	3.84	31.1	3.74	29.0	3.54	28.0	3.45	24.9	3.35	22.8	3.31	17.6	3.07
		8.6	7.5	32.1	3.84	31.1	3.74	29.0	3.54	28.0	3.45	24.9	3.15	22.8	3.07	17.6	2.88
		11.2	10.0	32.1	3.84	31.1	3.74	29.0	3.54	28.0	3.45	24.9	3.15	22.8	2.96	17.6	2.58
		16.4	15.0	32.1	3.84	31.1	3.74	29.0	3.54	28.0	3.45	24.9	3.15	22.8	2.96	17.6	2.47
		24.0	18.0	32.1	3.84	31.1	3.74	29.0	3.54	28.0	3.45	24.9	3.15	22.8	2.96	17.6	2.47
100%	40%	-24.9	-25.0	25.7	6.13	24.9	6.09	23.2	5.98	22.4	5.91	19.9	5.65	18.3	5.44	14.1	4.72
		-19.8	-20.0	25.7	5.80	24.9	5.77	23.2	5.67	22.4	5.61	19.9	5.38	18.3	5.19	14.1	4.55
		-14.7	-15.0	25.7	5.37	24.9	5.35	23.2	5.27	22.4	5.23	19.9	5.03	18.3	4.86	14.1	4.29
		-9.6	-10.0	25.7	4.85	24.9	4.84	23.2	4.79	22.4	4.75	19.9	4.60	18.3	4.46	14.1	3.97
		-4.4	-5.0	25.7	4.24	24.9	4.24	23.2	4.22	22.4	4.20	19.9	4.10	18.3	3.99	14.1	3.59
		-1.8	-2.5	25.7	3.90	24.9	3.91	23.2	3.91	22.4	3.90	19.9	3.82	18.3	3.73	14.1	3.39
		0.8	0.0	25.7	3.55	24.9	3.57	23.2	3.58	22.4	3.58	19.9	3.52	18.3	3.45	14.1	3.16
		2.8	2.0	25.7	3.23	24.9	3.20	23.2	3.22	22.4	3.22	19.9	3.20	18.3	3.16	14.1	2.93
		6.0	5.0	25.7	3.23	24.9	3.15	23.2	3.00	22.4	2.92	19.9	2.76	18.3	2.75	14.1	2.59
		7.0	6.0	25.7	3.23	24.9	3.15	23.2	3.00	22.4	2.92	19.9	2.69	18.3	2.62	14.1	2.50
		8.6	7.5	25.7	3.23	24.9	3.15	23.2	3.00	22.4	2.92	19.9	2.69	18.3	2.53	14.1	2.36
		11.2	10.0	25.7	3.23	24.9	3.15	23.2	3.00	22.4	2.92	19.9	2.69	18.3	2.53	14.1	2.14
		16.4	15.0	25.7	3.23	24.9	3.15	23.2	3.00	22.4	2.92	19.9	2.69	18.3	2.53	14.1	2.14
		24.0	18.0	25.7	3.23	24.9	3.15	23.2	3.00	22.4	2.92	19.9	2.69	18.3	2.53	14.1	2.14
100%	30%	-24.9	-25.0	19.3	4.59	18.7	4.57	17.4	4.51	16.8	4.47	14.9	4.31	13.7	4.17	10.6	3.69
		-19.8	-20.0	19.3	4.34	18.7	4.33	17.4	4.28	16.8	4.25	14.9	4.11	13.7	3.98	10.6	3.55
		-14.7	-15.0	19.3	4.02	18.7	4.02	17.4	3.98	16.8	3.96	14.9	3.85	13.7	3.74	10.6	3.35
		-9.6	-10.0	19.3	3.63	18.7	3.64	17.4	3.62	16.8	3.61	14.9	3.52	13.7	3.44	10.6	3.11
		-4.4	-5.0	19.3	3.16	18.7	3.17	17.4	3.17	16.8	3.17	14.9	3.12	13.7	3.06	10.6	2.81
		-1.8	-2.5	19.3	2.88	18.7	2.90	17.4	2.92	16.8	2.92	14.9	2.90	13.7	2.86	10.6	2.65
		0.8	0.0	19.3	2.63	18.7	2.62	17.4	2.66	16.8	2.67	14.9	2.67	13.7	2.64	10.6	2.48
		2.8	2.0	19.3	2.63	18.7	2.57	17.4	2.45	16.8	2.42	14.9	2.44	13.7	2.43	10.6	2.31
		6.0	5.0	19.3	2.63	18.7	2.57	17.4	2.45	16.8	2.39	14.9	2.22	13.7	2.14	10.6	2.08
		7.0	6.0	19.3	2.63	18.7	2.57	17.4	2.45	16.8	2.39	14.9	2.22	13.7	2.10	10.6	2.01
		8.6	7.5	19.3	2.63	18.7	2.57	17.4	2.45	16.8	2.39	14.9	2.22	13.7	2.10	10.6	1.90
		11.2	10.0	19.3	2.63	18.7	2.57	17.4	2.45	16.8	2.39	14.9	2.22	13.7	2.10	10.6	1.81
		16.4	15.0	19.3	2.63	18.7	2.57	17.4	2.45	16.8	2.39	14.9	2.22	13.7	2.10	10.6	1.81
		24.0	18.0	19.3	2.63	18.7	2.57	17.4	2.45	16.8	2.39	14.9	2.22	13.7	2.10	10.6	1.81

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-13. 20HP (Cooling) U-10ME2E8+U-10ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	37.3	3.54	44.8	4.24	52.3	4.95	56.0	5.31	63.5	6.01	70.9	6.72	78.4	7.43
		-5.0	37.3	3.54	44.8	4.25	52.3	4.96	56.0	5.31	63.5	6.02	70.9	6.73	78.4	7.44
		0.0	37.3	3.55	44.8	4.26	52.3	4.97	56.0	5.33	63.5	6.03	70.9	6.74	78.4	7.45
		5.0	37.3	3.56	44.8	4.27	52.3	4.98	56.0	5.34	63.5	6.05	70.9	6.77	78.4	7.49
		10.0	37.3	3.58	44.8	4.29	52.3	5.02	56.0	5.39	63.5	6.14	70.9	6.90	78.4	7.63
		15.0	37.3	3.63	44.8	4.40	52.3	5.20	56.0	5.60	63.5	6.43	70.9	7.26	78.4	8.02
		20.0	37.3	4.06	44.8	4.98	52.3	6.03	56.0	6.60	63.5	7.81	70.9	9.15	78.4	10.60
		25.0	37.3	5.21	44.8	6.44	52.3	7.79	56.0	8.50	63.5	10.03	70.9	11.68	78.4	13.45
		30.0	37.3	6.53	44.8	8.06	52.3	9.71	56.0	10.58	63.5	12.43	70.9	14.40	78.4	16.51
		35.0	37.3	7.95	44.8	9.79	52.3	11.77	56.0	12.81	63.5	15.00	70.9	17.34	75.0	17.92
		40.0	37.3	9.48	44.8	11.66	52.3	13.99	56.0	15.22	63.5	17.78	66.4	17.92	69.2	17.92
		43.0	37.3	10.45	44.8	12.85	52.3	15.41	56.0	16.76	60.6	17.92	63.5	17.92	64.9	17.04
		46.0	37.0	11.36	44.4	13.98	47.1	14.22	47.6	13.84	48.9	13.20	50.5	12.70	52.4	12.31
		52.0	16.1	4.86	17.5	4.91	19.2	5.01	20.2	5.06	22.2	5.20	24.5	5.34	27.0	5.50

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	33.6	2.86	40.3	3.58	47.0	4.29	50.4	4.64	57.1	5.32	63.8	5.99	70.6	6.65
		-5.0	33.6	2.86	40.3	3.59	47.0	4.30	50.4	4.65	57.1	5.33	63.8	6.00	70.6	6.65
		0.0	33.6	2.87	40.3	3.60	47.0	4.31	50.4	4.66	57.1	5.34	63.8	6.01	70.6	6.67
		5.0	33.6	2.88	40.3	3.61	47.0	4.32	50.4	4.67	57.1	5.36	63.8	6.02	70.6	6.68
		10.0	33.6	2.90	40.3	3.63	47.0	4.34	50.4	4.69	57.1	5.39	63.8	6.07	70.6	6.75
		15.0	33.6	2.92	40.3	3.67	47.0	4.42	50.4	4.79	57.1	5.53	63.8	6.25	70.6	6.96
		20.0	33.6	3.15	40.3	4.01	47.0	4.85	50.4	5.26	57.1	6.06	63.8	6.96	70.6	7.93
		25.0	33.6	4.22	40.3	5.22	47.0	6.25	50.4	6.79	57.1	7.87	63.8	8.99	70.6	10.14
		30.0	33.6	5.44	40.3	6.65	47.0	7.89	50.4	8.51	57.1	9.78	63.8	11.08	70.6	12.41
		35.0	33.6	6.97	40.3	8.43	47.0	9.92	50.4	10.67	57.1	12.18	63.8	13.74	70.6	15.36
		40.0	33.6	8.32	40.3	10.00	47.0	11.70	50.4	12.56	57.1	14.31	63.8	16.14	69.2	17.92
		43.0	33.6	9.15	40.3	10.97	47.0	12.81	50.4	13.74	57.1	15.67	63.5	17.92	64.9	17.04
		46.0	33.6	9.80	40.3	11.89	47.0	14.08	47.6	13.84	48.9	13.20	50.5	12.70	52.4	12.31
		52.0	16.1	4.86	17.5	4.91	19.2	5.01	20.2	5.06	22.2	5.20	24.5	5.34	27.0	5.50

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	29.9	2.45	35.8	3.11	41.8	3.75	44.8	4.07	50.8	4.69	56.7	5.30	62.7	5.90
		-5.0	29.9	2.45	35.8	3.11	41.8	3.76	44.8	4.07	50.8	4.70	56.7	5.31	62.7	5.90
		0.0	29.9	2.46	35.8	3.12	41.8	3.76	44.8	4.08	50.8	4.71	56.7	5.32	62.7	5.91
		5.0	29.9	2.47	35.8	3.13	41.8	3.78	44.8	4.09	50.8	4.72	56.7	5.33	62.7	5.93
		10.0	29.9	2.48	35.8	3.15	41.8	3.79	44.8	4.11	50.8	4.73	56.7	5.34	62.7	5.94
		15.0	29.9	2.51	35.8	3.17	41.8	3.82	44.8	4.14	50.8	4.78	56.7	5.41	62.7	6.03
		20.0	29.9	2.59	35.8	3.31	41.8	4.01	44.8	4.35	50.8	5.03	56.7	5.69	62.7	6.34
		25.0	29.9	3.42	35.8	4.17	41.8	4.95	44.8	5.34	50.8	6.12	56.7	6.92	62.7	7.73
		30.0	29.9	4.49	35.8	5.43	41.8	6.38	44.8	6.85	50.8	7.80	56.7	8.76	62.7	9.71
		35.0	29.9	5.83	35.8	6.99	41.8	8.15	44.8	8.73	50.8	9.88	56.7	11.03	62.7	12.18
		40.0	29.9	7.03	35.8	8.38	41.8	9.72	44.8	10.38	50.8	11.70	56.7	13.03	62.7	14.38
		43.0	29.9	7.77	35.8	9.24	41.8	10.68	44.8	11.41	50.8	12.85	56.7	14.31	62.7	15.80
		46.0	29.9	8.29	35.8	9.92	41.8	11.59	44.8	12.44	48.9	13.20	50.5	12.70	52.4	12.31
		52.0	16.1	4.86	17.5	4.91	19.2	5.01	20.2	5.06	22.2	5.20	24.5	5.34	27.0	5.50

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	26.1	2.03	31.4	2.62	36.6	3.20	39.2	3.48	44.4	4.04	49.7	4.58	54.9	5.12
		-5.0	26.1	2.04	31.4	2.62	36.6	3.20	39.2	3.48	44.4	4.04	49.7	4.59	54.9	5.13
		0.0	26.1	2.04	31.4	2.63	36.6	3.21	39.2	3.49	44.4	4.05	49.7	4.60	54.9	5.13
		5.0	26.1	2.05	31.4	2.64	36.6	3.22	39.2	3.50	44.4	4.06	49.7	4.61	54.9	5.14
		10.0	26.1	2.06	31.4	2.65	36.6	3.23	39.2	3.51	44.4	4.07	49.7	4.62	54.9	5.16
		15.0	26.1	2.08	31.4	2.67	36.6	3.25	39.2	3.53	44.4	4.09	49.7	4.64	54.9	5.18
		20.0	26.1	2.11	31.4	2.71	36.6	3.31	39.2	3.60	44.4	4.18	49.7	4.75	54.9	5.30
		25.0	26.1	2.55	31.4	3.18	36.6	3.79	39.2	4.08	44.4	4.66	49.7	5.22	54.9	5.76
		30.0	26.1	3.62	31.4	4.32	36.6	5.02	39.2	5.36	44.4	6.04	49.7	6.71	54.9	7.36
		35.0	26.1	4.77	31.4	5.67	36.6	6.55	39.2	6.98	44.4	7.82	49.7	8.65	54.9	9.45
		40.0	26.1	5.82	31.4	6.88	36.6	7.91	39.2	8.41	44.4	9.39	49.7	10.36	54.9	11.30
		43.0	26.1	6.47	31.4	7.63	36.6	8.75	39.2	9.30	44.4	10.37	49.7	11.42	54.9	12.45
		46.0	26.1	6.92	31.4	8.16	36.6	9.39	39.2	10.01	44.4	11.26	49.7	12.05	52.4	12.31
		52.0	16.1	4.86	17.5	4.91	19.2	5.01	20.2	5.06	22.2	5.20	24.5	5.34	27.0	5.50

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

20HP (Cooling) U-10ME2E8+U-10ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	22.4	1.61	26.9	2.12	31.4	2.63	33.6	2.87	38.1	3.36	42.6	3.85	47.0	4.32
		-5.0	22.4	1.61	26.9	2.13	31.4	2.63	33.6	2.88	38.1	3.37	42.6	3.85	47.0	4.32
		0.0	22.4	1.62	26.9	2.13	31.4	2.64	33.6	2.88	38.1	3.37	42.6	3.86	47.0	4.33
		5.0	22.4	1.63	26.9	2.14	31.4	2.64	33.6	2.89	38.1	3.38	42.6	3.86	47.0	4.34
		10.0	22.4	1.63	26.9	2.15	31.4	2.65	33.6	2.90	38.1	3.39	42.6	3.88	47.0	4.35
		15.0	22.4	1.65	26.9	2.16	31.4	2.67	33.6	2.92	38.1	3.41	42.6	3.89	47.0	4.36
		20.0	22.4	1.67	26.9	2.19	31.4	2.69	33.6	2.94	38.1	3.43	42.6	3.91	47.0	4.39
		25.0	22.4	1.81	26.9	2.34	31.4	2.85	33.6	3.10	38.1	3.60	42.6	4.08	47.0	4.56
		30.0	22.4	2.83	26.9	3.34	31.4	3.82	33.6	4.05	38.1	4.50	42.6	4.93	47.0	5.34
		35.0	22.4	3.81	26.9	4.47	31.4	5.10	33.6	5.40	38.1	5.99	42.6	6.54	47.0	7.07
		40.0	22.4	4.70	26.9	5.51	31.4	6.27	33.6	6.63	38.1	7.33	42.6	8.00	47.0	8.64
		43.0	22.4	5.26	26.9	6.14	31.4	6.98	33.6	7.38	38.1	8.16	42.6	8.89	47.0	9.60
		46.0	22.4	5.69	26.9	6.60	31.4	7.49	33.6	7.92	38.1	8.77	42.6	9.61	47.0	10.42
		52.0	16.1	4.86	17.5	4.91	19.2	5.01	20.2	5.06	22.2	5.20	24.5	5.34	27.0	5.50

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	18.7	1.18	22.4	1.62	26.1	2.04	28.0	2.25	31.7	2.67	35.5	3.08	39.2	3.49
		-5.0	18.7	1.18	22.4	1.62	26.1	2.05	28.0	2.26	31.7	2.68	35.5	3.09	39.2	3.49
		0.0	18.7	1.19	22.4	1.62	26.1	2.05	28.0	2.26	31.7	2.68	35.5	3.09	39.2	3.49
		5.0	18.7	1.19	22.4	1.63	26.1	2.06	28.0	2.27	31.7	2.69	35.5	3.10	39.2	3.50
		10.0	18.7	1.20	22.4	1.64	26.1	2.06	28.0	2.28	31.7	2.69	35.5	3.11	39.2	3.51
		15.0	18.7	1.21	22.4	1.65	26.1	2.08	28.0	2.29	31.7	2.71	35.5	3.12	39.2	3.52
		20.0	18.7	1.23	22.4	1.67	26.1	2.10	28.0	2.31	31.7	2.73	35.5	3.14	39.2	3.54
		25.0	18.7	1.27	22.4	1.70	26.1	2.13	28.0	2.34	31.7	2.76	35.5	3.17	39.2	3.57
		30.0	18.7	2.14	22.4	2.45	26.1	2.66	28.0	2.80	31.7	3.12	35.5	3.46	39.2	3.82
		35.0	18.7	2.93	22.4	3.39	26.1	3.81	28.0	4.01	31.7	4.38	35.5	4.72	39.2	5.03
		40.0	18.7	3.67	22.4	4.25	26.1	4.78	28.0	5.03	31.7	5.50	35.5	5.93	39.2	6.32
		43.0	18.7	4.13	22.4	4.78	26.1	5.38	28.0	5.66	31.7	6.18	35.5	6.67	39.2	7.12
		46.0	18.7	4.59	22.4	5.23	26.1	5.84	28.0	6.13	31.7	6.68	35.5	7.21	39.2	7.70
		52.0	16.1	4.86	17.5	4.91	19.2	5.01	20.2	5.06	22.2	5.20	24.5	5.34	27.0	5.50

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	14.9	0.74	17.9	1.10	20.9	1.45	22.4	1.62	25.4	1.96	28.4	2.30	31.4	2.63
		-5.0	14.9	0.75	17.9	1.10	20.9	1.45	22.4	1.62	25.4	1.96	28.4	2.30	31.4	2.64
		0.0	14.9	0.75	17.9	1.10	20.9	1.45	22.4	1.62	25.4	1.97	28.4	2.31	31.4	2.64
		5.0	14.9	0.75	17.9	1.11	20.9	1.46	22.4	1.63	25.4	1.97	28.4	2.31	31.4	2.65
		10.0	14.9	0.76	17.9	1.11	20.9	1.46	22.4	1.64	25.4	1.98	28.4	2.32	31.4	2.65
		15.0	14.9	0.77	17.9	1.12	20.9	1.47	22.4	1.64	25.4	1.99	28.4	2.33	31.4	2.66
		20.0	14.9	0.78	17.9	1.13	20.9	1.48	22.4	1.66	25.4	2.00	28.4	2.34	31.4	2.68
		25.0	14.9	0.81	17.9	1.16	20.9	1.51	22.4	1.68	25.4	2.02	28.4	2.36	31.4	2.70
		30.0	14.9	1.08	17.9	1.31	20.9	1.61	22.4	1.76	25.4	2.08	28.4	2.43	31.4	2.80
		35.0	14.9	2.14	17.9	2.44	20.9	2.70	22.4	2.81	25.4	3.02	28.4	3.28	31.4	3.61
		40.0	14.9	2.73	17.9	3.12	20.9	3.46	22.4	3.62	25.4	3.90	28.4	4.14	31.4	4.34
		43.0	14.9	3.10	17.9	3.54	20.9	3.94	22.4	4.12	25.4	4.44	28.4	4.73	31.4	4.97
		46.0	14.9	3.62	17.9	4.04	20.9	4.43	22.4	4.61	25.4	4.94	28.4	5.24	31.4	5.50
		52.0	14.9	4.30	17.5	4.91	19.2	5.01	20.2	5.06	22.2	5.20	24.5	5.34	27.0	5.50

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	11.2	0.30	13.4	0.57	15.7	0.84	16.8	0.97	19.0	1.24	21.3	1.50	23.5	1.76
		-5.0	11.2	0.30	13.4	0.57	15.7	0.84	16.8	0.97	19.0	1.24	21.3	1.50	23.5	1.76
		0.0	11.2	0.30	13.4	0.57	15.7	0.84	16.8	0.98	19.0	1.25	21.3	1.51	23.5	1.77
		5.0	11.2	0.30	13.4	0.57	15.7	0.85	16.8	0.98	19.0	1.25	21.3	1.52	23.5	1.78
		10.0	11.2	0.31	13.4	0.58	15.7	0.85	16.8	0.99	19.0	1.26	21.3	1.52	23.5	1.78
		15.0	11.2	0.31	13.4	0.58	15.7	0.86	16.8	1.00	19.0	1.27	21.3	1.53	23.5	1.80
		20.0	11.2	0.32	13.4	0.59	15.7	0.87	16.8	1.01	19.0	1.28	21.3	1.55	23.5	1.81
		25.0	11.2	0.34	13.4	0.61	15.7	0.89	16.8	1.03	19.0	1.31	21.3	1.57	23.5	1.84
		30.0	11.2	0.39	13.4	0.65	15.7	0.92	16.8	1.07	19.0	1.38	21.3	1.69	23.5	1.99
		35.0	11.2	1.45	13.4	1.62	15.7	1.82	16.8	1.95	19.0	2.21	21.3	2.47	23.5	2.72
		40.0	11.2	1.88	13.4	2.12	15.7	2.31	16.8	2.40	19.0	2.53	21.3	2.64	23.5	2.72
		43.0	11.2	2.16	13.4	2.43	15.7	2.67	16.8	2.77	19.0	2.94	21.3	3.07	23.5	3.17
		46.0	11.2	2.75	13.4	3.01	15.7	3.24	16.8	3.34	19.0	3.51	21.3	3.65	23.5	3.76
		52.0	11.2	3.25	13.4	3.59	15.7	3.89	16.8	4.02	19.0	4.15	21.3	4.22	23.5	4.25

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-14. 20HP (Heating) U-10ME2E8+U-10ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
100%	100%	-24.9	-25.0	49.1	16.93	47.9	16.63	45.4	15.98	44.2	15.64	40.3	14.55	37.6	13.75	30.4	11.49		
		-19.8	-20.0	51.5	17.27	50.2	16.95	47.7	16.29	46.4	15.94	42.3	14.81	39.5	13.98	32.0	11.67		
		-14.7	-15.0	54.9	17.78	53.5	17.45	50.8	16.75	49.5	16.39	45.2	15.20	42.2	14.34	34.2	11.94		
		-9.6	-10.0	59.4	18.48	58.1	18.18	55.2	17.43	53.7	17.03	49.0	15.77	45.8	14.86	37.2	12.32		
		-4.4	-5.0	62.9	18.48	62.2	18.48	60.8	18.30	59.1	17.85	54.1	16.52	50.5	15.52	39.7	12.26		
		-1.8	-2.5	65.6	18.48	64.8	18.48	63.1	18.48	62.4	18.46	56.0	16.58	51.3	15.17	39.7	11.74		
		0.8	0.0	68.8	18.48	67.9	18.48	65.3	18.10	63.0	17.41	56.0	15.40	51.3	14.09	39.7	10.93		
		2.8	2.0	72.3	18.47	70.0	17.83	65.3	16.58	63.0	15.97	56.0	14.16	51.3	12.98	39.7	10.12		
		6.0	5.0	72.3	15.97	70.0	15.44	65.3	14.40	63.0	13.88	56.0	12.35	51.3	11.36	39.7	8.92		
		7.0	6.0	72.3	15.16	70.0	14.66	65.3	13.69	63.0	13.20	56.0	11.77	51.3	10.84	39.7	8.54		
		8.6	7.5	72.3	13.97	70.0	13.52	65.3	12.64	63.0	12.21	56.0	10.92	51.3	10.08	39.7	8.00		
		11.2	10.0	72.3	12.08	70.0	11.72	65.3	11.01	63.0	10.65	56.0	9.59	51.3	8.90	39.7	7.14		
		16.4	15.0	72.3	8.80	70.0	8.59	65.3	8.15	63.0	7.93	56.0	7.25	51.3	6.78	39.7	5.56		
		24.0	18.0	72.3	7.85	70.0	7.62	65.3	7.17	63.0	6.95	56.0	6.27	51.3	5.82	39.7	4.70		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	90%	-24.9	-25.0	49.1	16.93	47.9	16.63	45.4	15.98	44.2	15.64	40.3	14.55	37.6	13.75	30.4	11.49		
		-19.8	-20.0	51.5	17.27	50.2	16.95	47.7	16.29	46.4	15.94	42.3	14.81	39.5	13.98	32.0	11.67		
		-14.7	-15.0	54.9	17.78	53.5	17.45	50.8	16.75	49.5	16.39	45.2	15.20	42.2	14.34	34.2	11.94		
		-9.6	-10.0	59.4	18.48	58.1	18.18	55.2	17.43	53.7	17.03	49.0	15.77	45.8	14.86	35.7	11.37		
		-4.4	-5.0	62.9	18.48	62.2	18.48	58.8	16.46	56.7	15.91	50.4	14.29	46.2	13.20	35.7	10.47		
		-1.8	-2.5	65.1	16.75	63.0	16.25	58.8	15.27	56.7	14.78	50.4	13.30	46.2	12.31	35.7	9.81		
		0.8	0.0	65.1	15.35	63.0	14.91	58.8	14.04	56.7	13.60	50.4	12.27	46.2	11.38	35.7	9.13		
		2.8	2.0	65.1	13.94	63.0	13.56	58.8	12.79	56.7	12.41	50.4	11.22	46.2	10.49	35.7	8.54		
		6.0	5.0	65.1	12.03	63.0	11.78	58.8	11.23	56.7	10.95	50.4	10.05	46.2	9.36	35.7	7.57		
		7.0	6.0	65.1	11.80	63.0	11.49	58.8	10.85	56.7	10.54	50.4	9.57	46.2	8.92	35.7	7.25		
		8.6	7.5	65.1	10.81	63.0	10.53	58.8	9.98	56.7	9.70	50.4	8.86	46.2	8.28	35.7	6.78		
		11.2	10.0	65.1	9.24	63.0	9.04	58.8	8.62	56.7	8.40	50.4	7.74	46.2	7.27	35.7	6.04		
		16.4	15.0	65.1	7.15	63.0	6.95	58.8	6.54	56.7	6.34	50.4	5.76	46.2	5.47	35.7	4.65		
		24.0	18.0	65.1	7.15	63.0	6.95	58.8	6.54	56.7	6.34	50.4	5.73	46.2	5.33	35.7	4.31		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
100%	80%	-24.9	-25.0	49.1	16.93	47.9	16.63	45.4	15.98	44.2	15.64	40.3	14.55	37.6	13.75	30.4	11.49		
		-19.8	-20.0	51.5	17.27	50.2	16.95	47.7	16.29	46.4	15.94	42.3	14.81	39.5	13.98	31.7	11.67		
		-14.7	-15.0	54.9	17.78	53.5	17.45	50.8	16.75	49.5	16.39	44.8	15.20	41.1	12.86	31.7	10.31		
		-9.6	-10.0	57.9	15.74	56.0	15.35	52.3	14.54	50.4	14.14	44.8	12.88	41.1	12.01	31.7	9.72		
		-4.4	-5.0	57.9	13.75	56.0	13.43	52.3	12.78	50.4	12.44	44.8	11.39	41.1	10.66	31.7	8.72		
		-1.8	-2.5	57.9	12.67	56.0	12.39	52.3	11.81	50.4	11.51	44.8	10.58	41.1	9.93	31.7	8.23		
		0.8	0.0	57.9	11.53	56.0	11.26	52.3	10.83	50.4	10.59	44.8	9.83	41.1	9.27	31.7	7.71		
		2.8	2.0	57.9	10.58	56.0	10.40	52.3	10.01	50.4	9.80	44.8	9.12	41.1	8.62	31.7	7.20		
		6.0	5.0	57.9	9.31	56.0	9.17	52.3	8.85	50.4	8.68	44.8	8.11	41.1	7.66	31.7	6.38		
		7.0	6.0	57.9	9.06	56.0	8.88	52.3	8.51	50.4	8.32	44.8	7.72	41.1	7.29	31.7	6.11		
		8.6	7.5	57.9	8.24	56.0	8.09	52.3	7.79	50.4	7.63	44.8	7.12	41.1	6.75	31.7	5.71		
		11.2	10.0	57.9	6.97	56.0	6.88	52.3	6.67	50.4	6.56	44.8	6.19	41.1	5.91	31.7	5.08		
		16.4	15.0	57.9	6.45	56.0	6.27	52.3	5.91	50.4	5.73	44.8	5.19	41.1	4.83	31.7	3.93		
		24.0	18.0	57.9	6.45	56.0	6.27	52.3	5.91	50.4	5.73	44.8	5.19	41.1	4.83	31.7	3.93		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
100%	70%	-24.9	-25.0	49.1	16.93	47.9	16.63	45.4	15.98	44.1	15.64	39.2	14.55	35.9	11.67	27.8	9.52		
		-19.8	-20.0	50.6	14.50	49.0	14.19	45.7	13.54	44.1	13.20	39.2	12.06	35.9	11.19	27.8	9.15		
		-14.7	-15.0	50.6	13.35	49.0	13.09	45.7	12.53	44.1	12.24	39.2	11.31	35.9	10.65	27.8	8.76		
		-9.6	-10.0	50.6	11.97	49.0	11.75	45.7	11.29	44.1	11.04	39.2	10.25	35.9	9.68	27.8	8.12		
		-4.4	-5.0	50.6	10.42	49.0	10.27	45.7	9.95	44.1	9.77	39.2	9.16	35.9	8.70	27.8	7.34		
		-1.8	-2.5	50.6	9.70	49.0	9.57	45.7	9.28	44.1	9.12	39.2	8.57	35.9	8.16	27.8	6.92		
		0.8	0.0	50.6	8.94	49.0	8.84	45.7	8.59	44.1	8.45	39.2	7.96	35.9	7.59	27.8	6.47		
		2.8	2.0	50.6	8.19	49.0	8.10	45.7	7.90	44.1	7.78	39.2	7.36	35.9	7.03	27.8	6.03		
		6.0	5.0	50.6	7.12	49.0	7.06	45.7	6.91	44.1	6.82	39.2	6.49	35.9	6.21	27.8	5.35		
		7.0	6.0	50.6	6.85	49.0	6.77	45.7	6.60	44.1	6.50	39.2	6.17	35.9	5.91	27.8	5.12		
		8.6	7.5	50.6	6.20	49.0	6.14	45.7	6.01	44.1	5.94	39.2	5.67	35.9	5.46	27.8	4.78		
		11.2	10.0	50.6	5.75	49.0	5.60	45.7	5.28	44.1	5.12	39.2	4.92	35.9	4.77	27.8	4.25		
		16.4	15.0	50.6	5.75	49.0	5.60	45.7	5.28	44.1	5.12	39.2	4.65	35.9	4.34	27.8	3.55		
24.0	18.0	50.6	5.75	49.0	5.60	45.7	5.28	44.1	5.12	39.2	4.65	35.9	4.34	27.8	3.55				

3. Part Load of Outdoor Unit

20HP (Heating) U-10ME2E8+U-10ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-24.9	-25.0	43.4	11.76	42.0	11.58	39.2	11.17	37.8	10.95	33.6	10.21	30.8	9.62	23.8	7.93
		-19.8	-20.0	43.4	11.06	42.0	10.89	39.2	10.53	37.8	10.33	33.6	9.68	30.8	9.19	23.8	7.69
		-14.7	-15.0	43.4	10.17	42.0	10.05	39.2	9.76	37.8	9.60	33.6	9.05	30.8	8.62	23.8	7.35
		-9.6	-10.0	43.4	9.24	42.0	9.14	39.2	8.91	37.8	8.77	33.6	8.30	30.8	7.93	23.8	6.79
		-4.4	-5.0	43.4	8.15	42.0	8.08	39.2	7.90	37.8	7.79	33.6	7.41	30.8	7.10	23.8	6.13
		-1.8	-2.5	43.4	7.55	42.0	7.49	39.2	7.34	37.8	7.25	33.6	6.92	30.8	6.64	23.8	5.77
		0.8	0.0	43.4	6.92	42.0	6.87	39.2	6.76	37.8	6.69	33.6	6.41	30.8	6.17	23.8	5.39
		2.8	2.0	43.4	6.29	42.0	6.27	39.2	6.19	37.8	6.13	33.6	5.90	30.8	5.70	23.8	5.02
		6.0	5.0	43.4	5.41	42.0	5.40	39.2	5.36	37.8	5.32	33.6	5.16	30.8	4.99	23.8	4.41
		7.0	6.0	43.4	5.13	42.0	5.11	39.2	5.07	37.8	5.03	33.6	4.88	30.8	4.74	23.8	4.25
		8.6	7.5	43.4	5.06	42.0	4.92	39.2	4.65	37.8	4.59	33.6	4.49	30.8	4.38	23.8	3.97
		11.2	10.0	43.4	5.06	42.0	4.92	39.2	4.65	37.8	4.52	33.6	4.11	30.8	3.84	23.8	3.54
		16.4	15.0	43.4	5.06	42.0	4.92	39.2	4.65	37.8	4.52	33.6	4.11	30.8	3.84	23.8	3.17
		24.0	18.0	43.4	5.06	42.0	4.92	39.2	4.65	37.8	4.52	33.6	4.11	30.8	3.84	23.8	3.17
100%	50%	-24.9	-25.0	36.2	9.08	35.0	8.99	32.7	8.77	31.5	8.64	28.0	8.19	25.7	7.83	19.8	6.57
		-19.8	-20.0	36.2	8.61	35.0	8.52	32.7	8.33	31.5	8.21	28.0	7.80	25.7	7.47	19.8	6.42
		-14.7	-15.0	36.2	7.98	35.0	7.92	32.7	7.75	31.5	7.66	28.0	7.29	25.7	7.00	19.8	6.06
		-9.6	-10.0	36.2	7.22	35.0	7.17	32.7	7.04	31.5	6.97	28.0	6.67	25.7	6.42	19.8	5.60
		-4.4	-5.0	36.2	6.33	35.0	6.30	32.7	6.22	31.5	6.16	28.0	5.93	25.7	5.73	19.8	5.05
		-1.8	-2.5	36.2	5.83	35.0	5.82	32.7	5.76	31.5	5.72	28.0	5.53	25.7	5.36	19.8	4.76
		0.8	0.0	36.2	5.32	35.0	5.31	32.7	5.28	31.5	5.26	28.0	5.11	25.7	4.97	19.8	4.44
		2.8	2.0	36.2	4.81	35.0	4.82	32.7	4.82	31.5	4.80	28.0	4.70	25.7	4.59	19.8	4.13
		6.0	5.0	36.2	4.36	35.0	4.25	32.7	4.10	31.5	4.10	28.0	4.05	25.7	3.97	19.8	3.61
		7.0	6.0	36.2	4.36	35.0	4.25	32.7	4.02	31.5	3.91	28.0	3.83	25.7	3.78	19.8	3.49
		8.6	7.5	36.2	4.36	35.0	4.25	32.7	4.02	31.5	3.91	28.0	3.57	25.7	3.50	19.8	3.27
		11.2	10.0	36.2	4.36	35.0	4.25	32.7	4.02	31.5	3.91	28.0	3.57	25.7	3.35	19.8	2.92
		16.4	15.0	36.2	4.36	35.0	4.25	32.7	4.02	31.5	3.91	28.0	3.57	25.7	3.35	19.8	2.79
		24.0	18.0	36.2	4.36	35.0	4.25	32.7	4.02	31.5	3.91	28.0	3.57	25.7	3.35	19.8	2.79
100%	40%	-24.9	-25.0	28.9	7.03	28.0	6.98	26.1	6.84	25.2	6.76	22.4	6.47	20.5	6.22	15.9	5.38
		-19.8	-20.0	28.9	6.65	28.0	6.61	26.1	6.49	25.2	6.43	22.4	6.16	20.5	5.93	15.9	5.19
		-14.7	-15.0	28.9	6.15	28.0	6.12	26.1	6.04	25.2	5.98	22.4	5.76	20.5	5.56	15.9	4.89
		-9.6	-10.0	28.9	5.55	28.0	5.53	26.1	5.47	25.2	5.43	22.4	5.26	20.5	5.09	15.9	4.52
		-4.4	-5.0	28.9	4.84	28.0	4.84	26.1	4.82	25.2	4.80	22.4	4.67	20.5	4.55	15.9	4.09
		-1.8	-2.5	28.9	4.45	28.0	4.46	26.1	4.46	25.2	4.45	22.4	4.36	20.5	4.25	15.9	3.85
		0.8	0.0	28.9	4.05	28.0	4.07	26.1	4.09	25.2	4.08	22.4	4.03	20.5	3.94	15.9	3.59
		2.8	2.0	28.9	3.66	28.0	3.66	26.1	3.68	25.2	3.68	22.4	3.66	20.5	3.60	15.9	3.33
		6.0	5.0	28.9	3.66	28.0	3.57	26.1	3.39	25.2	3.30	22.4	3.14	20.5	3.12	15.9	2.93
		7.0	6.0	28.9	3.66	28.0	3.57	26.1	3.39	25.2	3.30	22.4	3.03	20.5	2.97	15.9	2.83
		8.6	7.5	28.9	3.66	28.0	3.57	26.1	3.39	25.2	3.30	22.4	3.03	20.5	2.85	15.9	2.66
		11.2	10.0	28.9	3.66	28.0	3.57	26.1	3.39	25.2	3.30	22.4	3.03	20.5	2.85	15.9	2.40
		16.4	15.0	28.9	3.66	28.0	3.57	26.1	3.39	25.2	3.30	22.4	3.03	20.5	2.85	15.9	2.40
		24.0	18.0	28.9	3.66	28.0	3.57	26.1	3.39	25.2	3.30	22.4	3.03	20.5	2.85	15.9	2.40
100%	30%	-24.9	-25.0	21.7	5.24	21.0	5.21	19.6	5.14	18.9	5.10	16.8	4.91	15.4	4.75	11.9	4.20
		-19.8	-20.0	21.7	4.95	21.0	4.94	19.6	4.88	18.9	4.84	16.8	4.68	15.4	4.53	11.9	4.03
		-14.7	-15.0	21.7	4.59	21.0	4.58	19.6	4.54	18.9	4.51	16.8	4.38	15.4	4.25	11.9	3.81
		-9.6	-10.0	21.7	4.14	21.0	4.14	19.6	4.12	18.9	4.10	16.8	4.01	15.4	3.91	11.9	3.53
		-4.4	-5.0	21.7	3.60	21.0	3.61	19.6	3.62	18.9	3.61	16.8	3.55	15.4	3.48	11.9	3.19
		-1.8	-2.5	21.7	3.28	21.0	3.30	19.6	3.32	18.9	3.33	16.8	3.30	15.4	3.25	11.9	3.00
		0.8	0.0	21.7	2.97	21.0	2.98	19.6	3.02	18.9	3.03	16.8	3.03	15.4	3.00	11.9	2.80
		2.8	2.0	21.7	2.97	21.0	2.90	19.6	2.76	18.9	2.74	16.8	2.76	15.4	2.75	11.9	2.61
		6.0	5.0	21.7	2.97	21.0	2.90	19.6	2.76	18.9	2.70	16.8	2.49	15.4	2.41	11.9	2.34
		7.0	6.0	21.7	2.97	21.0	2.90	19.6	2.76	18.9	2.70	16.8	2.49	15.4	2.36	11.9	2.26
		8.6	7.5	21.7	2.97	21.0	2.90	19.6	2.76	18.9	2.70	16.8	2.49	15.4	2.36	11.9	2.13
		11.2	10.0	21.7	2.97	21.0	2.90	19.6	2.76	18.9	2.70	16.8	2.49	15.4	2.36	11.9	2.02
		16.4	15.0	21.7	2.97	21.0	2.90	19.6	2.76	18.9	2.70	16.8	2.49	15.4	2.36	11.9	2.02
		24.0	18.0	21.7	2.97	21.0	2.90	19.6	2.76	18.9	2.70	16.8	2.49	15.4	2.36	11.9	2.02

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-15. 22HP (Cooling) U-10ME2E8+U-12ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	41.0	4.09	49.2	4.91	57.4	5.73	61.5	6.14	69.7	6.95	77.9	7.77	86.1	8.59
		-5.0	41.0	4.10	49.2	4.92	57.4	5.74	61.5	6.15	69.7	6.97	77.9	7.78	86.1	8.60
		0.0	41.0	4.11	49.2	4.93	57.4	5.75	61.5	6.16	69.7	6.98	77.9	7.80	86.1	8.62
		5.0	41.0	4.12	49.2	4.94	57.4	5.76	61.5	6.18	69.7	7.01	77.9	7.86	86.1	8.69
		10.0	41.0	4.14	49.2	4.97	57.4	5.82	61.5	6.26	69.7	7.13	77.9	8.02	86.1	8.88
		15.0	41.0	4.22	49.2	5.13	57.4	6.07	61.5	6.54	69.7	7.51	77.9	8.48	86.1	9.37
		20.0	41.0	4.77	49.2	5.86	57.4	7.07	61.5	7.72	69.7	9.13	77.9	10.67	86.1	12.35
		25.0	41.0	6.12	49.2	7.54	57.4	9.10	61.5	9.93	69.7	11.70	77.9	13.61	86.1	15.66
		30.0	41.0	7.65	49.2	9.41	57.4	11.32	61.5	12.33	69.7	14.47	77.9	16.75	86.1	19.20
		35.0	41.0	9.29	49.2	11.42	57.4	13.71	61.5	14.91	69.7	17.45	77.9	20.15	82.4	20.86
		40.0	41.0	11.06	49.2	13.58	57.4	16.28	61.5	17.70	69.7	20.67	73.0	20.86	76.1	20.86
		43.0	41.0	12.18	49.2	14.96	57.4	17.92	61.5	19.48	66.6	20.86	69.8	20.86	71.2	19.80
		46.0	40.6	13.24	48.7	16.26	51.7	16.54	52.3	16.10	53.7	15.36	55.5	14.78	57.6	14.33
		52.0	17.7	5.72	19.3	5.78	21.1	5.88	22.2	5.95	24.4	6.10	26.9	6.27	29.6	6.46

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	36.9	3.30	44.3	4.14	51.7	4.96	55.4	5.36	62.7	6.16	70.1	6.93	77.5	7.69
		-5.0	36.9	3.31	44.3	4.15	51.7	4.97	55.4	5.37	62.7	6.16	70.1	6.94	77.5	7.70
		0.0	36.9	3.31	44.3	4.16	51.7	4.98	55.4	5.38	62.7	6.18	70.1	6.95	77.5	7.71
		5.0	36.9	3.33	44.3	4.17	51.7	5.00	55.4	5.40	62.7	6.19	70.1	6.97	77.5	7.74
		10.0	36.9	3.35	44.3	4.19	51.7	5.02	55.4	5.43	62.7	6.24	70.1	7.05	77.5	7.84
		15.0	36.9	3.38	44.3	4.27	51.7	5.15	55.4	5.58	62.7	6.44	70.1	7.29	77.5	8.12
		20.0	36.9	3.70	44.3	4.71	51.7	5.69	55.4	6.17	62.7	7.10	70.1	8.15	77.5	9.26
		25.0	36.9	4.98	44.3	6.13	51.7	7.33	55.4	7.94	62.7	9.20	70.1	10.49	77.5	11.82
		30.0	36.9	6.39	44.3	7.79	51.7	9.21	55.4	9.94	62.7	11.41	70.1	12.91	77.5	14.45
		35.0	36.9	8.15	44.3	9.85	51.7	11.56	55.4	12.43	62.7	14.19	70.1	15.99	77.5	17.86
		40.0	36.9	9.72	44.3	11.66	51.7	13.63	55.4	14.62	62.7	16.65	70.1	18.76	76.1	20.86
		43.0	36.9	10.68	44.3	12.78	51.7	14.91	55.4	15.99	62.7	18.22	69.8	20.86	71.2	19.80
		46.0	36.9	11.43	44.3	13.85	51.7	16.39	52.3	16.10	53.7	15.36	55.5	14.78	57.6	14.33
		52.0	17.7	5.72	19.3	5.78	21.1	5.88	22.2	5.95	24.4	6.10	26.9	6.27	29.6	6.46

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	32.8	2.83	39.4	3.59	45.9	4.33	49.2	4.70	55.8	5.42	62.3	6.13	68.9	6.82
		-5.0	32.8	2.83	39.4	3.59	45.9	4.34	49.2	4.71	55.8	5.43	62.3	6.13	68.9	6.83
		0.0	32.8	2.84	39.4	3.60	45.9	4.35	49.2	4.72	55.8	5.44	62.3	6.14	68.9	6.84
		5.0	32.8	2.85	39.4	3.61	45.9	4.36	49.2	4.73	55.8	5.45	62.3	6.16	68.9	6.85
		10.0	32.8	2.87	39.4	3.63	45.9	4.38	49.2	4.75	55.8	5.47	62.3	6.18	68.9	6.89
		15.0	32.8	2.89	39.4	3.66	45.9	4.42	49.2	4.80	55.8	5.55	62.3	6.29	68.9	7.02
		20.0	32.8	3.02	39.4	3.86	45.9	4.69	49.2	5.09	55.8	5.88	62.3	6.66	68.9	7.41
		25.0	32.8	4.05	39.4	4.93	45.9	5.82	49.2	6.27	55.8	7.18	62.3	8.10	68.9	9.04
		30.0	32.8	5.29	39.4	6.38	45.9	7.47	49.2	8.02	55.8	9.12	62.3	10.22	68.9	11.33
		35.0	32.8	6.84	39.4	8.19	45.9	9.52	49.2	10.19	55.8	11.52	62.3	12.85	68.9	14.18
		40.0	32.8	8.22	39.4	9.79	45.9	11.33	49.2	12.10	55.8	13.63	62.3	15.17	68.9	16.73
		43.0	32.8	9.08	39.4	10.78	45.9	12.45	49.2	13.29	55.8	14.96	62.3	16.64	68.9	18.37
		46.0	32.8	9.68	39.4	11.56	45.9	13.50	49.2	14.48	53.7	15.36	55.5	14.78	57.6	14.33
		52.0	17.7	5.72	19.3	5.78	21.1	5.88	22.2	5.95	24.4	6.10	26.9	6.27	29.6	6.46

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	28.7	2.34	34.4	3.02	40.2	3.69	43.1	4.02	48.8	4.66	54.5	5.30	60.3	5.92
		-5.0	28.7	2.35	34.4	3.03	40.2	3.70	43.1	4.02	48.8	4.67	54.5	5.30	60.3	5.93
		0.0	28.7	2.36	34.4	3.04	40.2	3.70	43.1	4.03	48.8	4.68	54.5	5.31	60.3	5.93
		5.0	28.7	2.36	34.4	3.05	40.2	3.71	43.1	4.04	48.8	4.69	54.5	5.32	60.3	5.95
		10.0	28.7	2.38	34.4	3.06	40.2	3.73	43.1	4.06	48.8	4.71	54.5	5.34	60.3	5.96
		15.0	28.7	2.40	34.4	3.08	40.2	3.75	43.1	4.08	48.8	4.73	54.5	5.37	60.3	6.00
		20.0	28.7	2.44	34.4	3.15	40.2	3.84	43.1	4.19	48.8	4.86	54.5	5.53	60.3	6.17
		25.0	28.7	3.03	34.4	3.76	40.2	4.47	43.1	4.81	48.8	5.48	54.5	6.12	60.3	6.75
		30.0	28.7	4.28	34.4	5.10	40.2	5.90	43.1	6.30	48.8	7.08	54.5	7.85	60.3	8.61
		35.0	28.7	5.62	34.4	6.66	40.2	7.67	43.1	8.17	48.8	9.14	54.5	10.10	60.3	11.03
		40.0	28.7	6.83	34.4	8.06	40.2	9.24	43.1	9.82	48.8	10.96	54.5	12.07	60.3	13.16
		43.0	28.7	7.58	34.4	8.92	40.2	10.21	43.1	10.85	48.8	12.09	54.5	13.30	60.3	14.50
		46.0	28.7	8.10	34.4	9.53	40.2	10.96	43.1	11.68	48.8	13.12	54.5	14.04	57.6	14.33
		52.0	17.7	5.72	19.3	5.78	21.1	5.88	22.2	5.95	24.4	6.10	26.9	6.27	29.6	6.46

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

22HP (Cooling) U-10ME2E8+U-12ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	24.6	1.86	29.5	2.45	34.4	3.03	36.9	3.32	41.8	3.89	46.7	4.44	51.7	4.99
		-5.0	24.6	1.86	29.5	2.45	34.4	3.04	36.9	3.32	41.8	3.89	46.7	4.45	51.7	4.99
		0.0	24.6	1.86	29.5	2.46	34.4	3.04	36.9	3.33	41.8	3.90	46.7	4.45	51.7	5.00
		5.0	24.6	1.87	29.5	2.47	34.4	3.05	36.9	3.34	41.8	3.91	46.7	4.46	51.7	5.01
		10.0	24.6	1.88	29.5	2.48	34.4	3.06	36.9	3.35	41.8	3.92	46.7	4.48	51.7	5.02
		15.0	24.6	1.90	29.5	2.49	34.4	3.08	36.9	3.37	41.8	3.94	46.7	4.49	51.7	5.04
		20.0	24.6	1.93	29.5	2.52	34.4	3.11	36.9	3.40	41.8	3.97	46.7	4.53	51.7	5.09
		25.0	24.6	2.13	29.5	2.74	34.4	3.34	36.9	3.63	41.8	4.21	46.7	4.77	51.7	5.32
		30.0	24.6	3.38	29.5	3.96	34.4	4.52	36.9	4.79	41.8	5.31	46.7	5.80	51.7	6.28
		35.0	24.6	4.50	29.5	5.27	34.4	6.00	36.9	6.35	41.8	7.02	46.7	7.67	51.7	8.28
		40.0	24.6	5.54	29.5	6.47	34.4	7.34	36.9	7.77	41.8	8.58	46.7	9.35	51.7	10.09
		43.0	24.6	6.18	29.5	7.20	34.4	8.17	36.9	8.64	41.8	9.53	46.7	10.38	51.7	11.20
		46.0	24.6	6.68	29.5	7.73	34.4	8.75	36.9	9.26	41.8	10.24	46.7	11.21	51.7	12.15
		52.0	17.7	5.72	19.3	5.78	21.1	5.88	22.2	5.95	24.4	6.10	26.9	6.27	29.6	6.46

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	20.5	1.36	24.6	1.86	28.7	2.36	30.8	2.60	34.9	3.08	39.0	3.56	43.1	4.03
		-5.0	20.5	1.36	24.6	1.86	28.7	2.36	30.8	2.60	34.9	3.09	39.0	3.56	43.1	4.03
		0.0	20.5	1.36	24.6	1.87	28.7	2.36	30.8	2.61	34.9	3.09	39.0	3.57	43.1	4.04
		5.0	20.5	1.37	24.6	1.87	28.7	2.37	30.8	2.62	34.9	3.10	39.0	3.58	43.1	4.04
		10.0	20.5	1.38	24.6	1.88	28.7	2.38	30.8	2.63	34.9	3.11	39.0	3.59	43.1	4.05
		15.0	20.5	1.39	24.6	1.90	28.7	2.39	30.8	2.64	34.9	3.12	39.0	3.60	43.1	4.07
		20.0	20.5	1.41	24.6	1.92	28.7	2.42	30.8	2.66	34.9	3.14	39.0	3.62	43.1	4.08
		25.0	20.5	1.47	24.6	1.97	28.7	2.47	30.8	2.71	34.9	3.60	39.0	3.67	43.1	4.14
		30.0	20.5	2.58	24.6	2.93	28.7	3.16	30.8	3.32	34.9	3.67	39.0	4.07	43.1	4.47
		35.0	20.5	3.49	24.6	4.02	28.7	4.51	30.8	4.74	34.9	5.17	39.0	5.56	43.1	5.92
		40.0	20.5	4.35	24.6	5.02	28.7	5.63	30.8	5.92	34.9	6.46	39.0	6.96	43.1	7.41
		43.0	20.5	4.88	24.6	5.63	28.7	6.32	30.8	6.64	34.9	7.25	39.0	7.81	43.1	8.33
		46.0	20.5	5.40	24.6	6.15	28.7	6.85	30.8	7.18	34.9	7.82	39.0	8.43	43.1	9.00
		52.0	17.7	5.72	19.3	5.78	21.1	5.88	22.2	5.95	24.4	6.10	26.9	6.27	29.6	6.46

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	16.4	0.85	19.7	1.26	23.0	1.66	24.6	1.86	27.9	2.26	31.2	2.65	34.4	3.04
		-5.0	16.4	0.85	19.7	1.26	23.0	1.67	24.6	1.87	27.9	2.26	31.2	2.65	34.4	3.04
		0.0	16.4	0.86	19.7	1.27	23.0	1.67	24.6	1.87	27.9	2.27	31.2	2.66	34.4	3.05
		5.0	16.4	0.86	19.7	1.27	23.0	1.68	24.6	1.88	27.9	2.27	31.2	2.66	34.4	3.05
		10.0	16.4	0.87	19.7	1.28	23.0	1.68	24.6	1.88	27.9	2.28	31.2	2.67	34.4	3.06
		15.0	16.4	0.88	19.7	1.29	23.0	1.69	24.6	1.89	27.9	2.29	31.2	2.68	34.4	3.07
		20.0	16.4	0.89	19.7	1.30	23.0	1.71	24.6	1.91	27.9	2.30	31.2	2.70	34.4	3.09
		25.0	16.4	0.93	19.7	1.33	23.0	1.74	24.6	1.93	27.9	2.33	31.2	2.72	34.4	3.12
		30.0	16.4	1.30	19.7	1.56	23.0	1.89	24.6	2.06	27.9	2.42	31.2	2.83	34.4	3.27
		35.0	16.4	2.58	19.7	2.93	23.0	3.23	24.6	3.36	27.9	3.60	31.2	3.90	34.4	4.28
		40.0	16.4	3.26	19.7	3.71	23.0	4.11	24.6	4.29	27.9	4.61	31.2	4.89	34.4	5.12
		43.0	16.4	3.69	19.7	4.20	23.0	4.66	24.6	4.86	27.9	5.24	31.2	5.57	34.4	5.85
		46.0	16.4	4.27	19.7	4.77	23.0	5.22	24.6	5.43	27.9	5.81	31.2	6.15	34.4	6.46
		52.0	16.4	5.07	19.3	5.78	21.1	5.88	22.2	5.95	24.4	6.10	26.9	6.27	29.6	6.46

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	12.3	0.33	14.8	0.65	17.2	0.96	18.5	1.12	20.9	1.42	23.4	1.73	25.8	2.03
		-5.0	12.3	0.34	14.8	0.65	17.2	0.96	18.5	1.12	20.9	1.43	23.4	1.73	25.8	2.03
		0.0	12.3	0.34	14.8	0.65	17.2	0.97	18.5	1.12	20.9	1.43	23.4	1.74	25.8	2.04
		5.0	12.3	0.34	14.8	0.66	17.2	0.97	18.5	1.13	20.9	1.44	23.4	1.74	25.8	2.05
		10.0	12.3	0.35	14.8	0.66	17.2	0.97	18.5	1.13	20.9	1.45	23.4	1.75	25.8	2.06
		15.0	12.3	0.35	14.8	0.67	17.2	0.98	18.5	1.14	20.9	1.46	23.4	1.77	25.8	2.07
		20.0	12.3	0.36	14.8	0.68	17.2	1.00	18.5	1.16	20.9	1.47	23.4	1.78	25.8	2.09
		25.0	12.3	0.39	14.8	0.70	17.2	1.02	18.5	1.18	20.9	1.50	23.4	1.81	25.8	2.14
		30.0	12.3	0.45	14.8	0.74	17.2	1.06	18.5	1.24	20.9	1.62	23.4	1.99	25.8	2.35
		35.0	12.3	1.78	14.8	1.98	17.2	2.21	18.5	2.36	20.9	2.67	23.4	2.96	25.8	3.26
		40.0	12.3	2.28	14.8	2.56	17.2	2.78	18.5	2.88	20.9	3.04	23.4	3.16	25.8	3.26
		43.0	12.3	2.60	14.8	2.92	17.2	3.19	18.5	3.30	20.9	3.50	23.4	3.66	25.8	3.77
		46.0	12.3	3.27	14.8	3.58	17.2	3.84	18.5	3.95	20.9	4.15	23.4	4.31	25.8	4.44
		52.0	12.3	3.85	14.8	4.24	17.2	4.59	18.5	4.74	20.9	4.89	23.4	4.97	25.8	5.01

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-16. 22HP (Heating) U-10ME2E8+U-12ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	100%	-24.9	-25.0	52.1	17.82	50.8	17.49	48.1	16.81	46.7	16.44	42.4	15.27	39.5	14.43	31.8	12.04		
		-19.8	-20.0	54.7	18.22	53.3	17.88	50.5	17.17	49.1	16.80	44.6	15.58	41.6	14.71	33.4	12.24		
		-14.7	-15.0	58.4	18.83	56.9	18.47	54.0	17.71	52.4	17.32	47.7	16.05	44.5	15.12	35.8	12.55		
		-9.6	-10.0	63.4	19.72	61.8	19.29	58.6	18.48	57.0	18.06	51.9	16.69	48.3	15.70	39.0	12.96		
		-4.4	-5.0	69.0	20.30	68.0	20.30	64.6	19.50	62.8	19.04	57.2	17.57	53.3	16.49	42.9	13.53		
		-1.8	-2.5	72.0	20.30	71.0	20.30	68.1	19.83	66.2	19.36	60.3	17.85	56.2	16.77	43.4	13.01		
		0.8	0.0	75.6	20.30	74.5	20.30	71.6	19.86	69.0	19.13	61.3	16.97	56.2	15.56	43.4	12.10		
		2.8	2.0	79.2	20.19	76.7	19.52	71.6	18.20	69.0	17.55	61.3	15.61	56.2	14.33	43.4	11.20		
		6.0	5.0	79.2	17.46	76.7	16.91	71.6	15.80	69.0	15.26	61.3	13.63	56.2	12.53	43.4	9.87		
		7.0	6.0	79.2	16.58	76.7	16.06	71.6	15.03	69.0	14.50	61.3	12.97	56.2	11.96	43.4	9.45		
		8.6	7.5	79.2	15.28	76.7	14.81	71.6	13.88	69.0	13.42	61.3	12.04	56.2	11.13	43.4	8.84		
		11.2	10.0	79.2	13.25	76.7	12.87	71.6	12.11	69.0	11.73	61.3	10.59	56.2	9.83	43.4	7.90		
		16.4	15.0	79.2	9.70	76.7	9.47	71.6	8.99	69.0	8.75	61.3	8.00	56.2	7.47	43.4	6.09		
		24.0	18.0	79.2	8.76	76.7	8.51	71.6	7.99	69.0	7.74	61.3	6.97	56.2	6.45	43.4	5.17		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
100%	90%	-24.9	-25.0	52.1	17.82	50.8	17.49	48.1	16.81	46.7	16.44	42.4	15.27	39.5	14.43	31.8	12.04		
		-19.8	-20.0	54.7	18.22	53.3	17.88	50.5	17.17	49.1	16.80	44.6	15.58	41.6	14.71	33.4	12.24		
		-14.7	-15.0	58.4	18.83	56.9	18.47	54.0	17.71	52.4	17.32	47.7	16.05	44.5	15.12	35.8	12.55		
		-9.6	-10.0	63.4	19.72	61.8	19.29	58.6	18.48	57.0	18.06	51.9	16.69	48.3	15.70	39.0	12.96		
		-4.4	-5.0	69.0	20.30	68.0	20.30	64.4	19.50	62.1	17.53	55.2	15.78	50.6	14.60	39.1	11.61		
		-1.8	-2.5	71.3	18.36	69.0	17.84	64.4	16.80	62.1	16.27	55.2	14.69	50.6	13.61	39.1	10.87		
		0.8	0.0	71.3	16.82	69.0	16.36	64.4	15.43	62.1	14.97	55.2	13.55	50.6	12.58	39.1	10.10		
		2.8	2.0	71.3	15.27	69.0	14.87	64.4	14.06	62.1	13.65	55.2	12.40	50.6	11.55	39.1	9.41		
		6.0	5.0	71.3	13.19	69.0	12.91	64.4	12.32	62.1	12.01	55.2	11.03	50.6	10.29	39.1	8.34		
		7.0	6.0	71.3	12.85	69.0	12.52	64.4	11.86	62.1	11.53	55.2	10.51	50.6	9.81	39.1	7.98		
		8.6	7.5	71.3	11.77	69.0	11.49	64.4	10.91	62.1	10.62	55.2	9.72	50.6	9.10	39.1	7.46		
		11.2	10.0	71.3	10.08	69.0	9.86	64.4	9.43	62.1	9.20	55.2	8.50	50.6	8.00	39.1	6.64		
		16.4	15.0	71.3	7.97	69.0	7.74	64.4	7.27	62.1	7.04	55.2	6.35	50.6	5.98	39.1	5.06		
		24.0	18.0	71.3	7.97	69.0	7.74	64.4	7.27	62.1	7.04	55.2	6.35	50.6	5.89	39.1	4.73		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	80%	-24.9	-25.0	52.1	17.82	50.8	17.49	48.1	16.81	46.7	16.44	42.4	15.27	39.5	14.43	31.8	12.04		
		-19.8	-20.0	54.7	18.22	53.3	17.88	50.5	17.17	49.1	16.80	44.6	15.58	41.6	14.71	33.4	12.24		
		-14.7	-15.0	58.4	18.83	56.9	18.47	54.0	17.71	52.4	17.32	47.7	16.05	44.5	15.12	34.8	11.48		
		-9.6	-10.0	63.4	17.32	61.3	16.90	57.2	16.05	55.2	15.61	49.1	14.26	45.0	13.31	34.8	10.80		
		-4.4	-5.0	63.4	15.12	61.3	14.78	57.2	14.08	55.2	13.72	49.1	12.59	45.0	11.80	34.8	9.66		
		-1.8	-2.5	63.4	13.91	61.3	13.62	57.2	13.01	55.2	12.69	49.1	11.69	45.0	10.97	34.8	9.09		
		0.8	0.0	63.4	12.62	61.3	12.40	57.2	11.92	55.2	11.67	49.1	10.83	45.0	10.22	34.8	8.50		
		2.8	2.0	63.4	11.61	61.3	11.41	57.2	11.00	55.2	10.77	49.1	10.03	45.0	9.48	34.8	7.92		
		6.0	5.0	63.4	10.17	61.3	10.02	57.2	9.68	55.2	9.49	49.1	8.87	45.0	8.39	34.8	7.00		
		7.0	6.0	63.4	9.81	61.3	9.63	57.2	9.26	55.2	9.07	49.1	8.43	45.0	7.98	34.8	6.70		
		8.6	7.5	63.4	8.91	61.3	8.77	57.2	8.47	55.2	8.31	49.1	7.77	45.0	7.38	34.8	6.25		
		11.2	10.0	63.4	7.55	61.3	7.45	57.2	7.25	55.2	7.14	49.1	6.75	45.0	6.45	34.8	5.55		
		16.4	15.0	63.4	7.17	61.3	6.97	57.2	6.55	55.2	6.35	49.1	5.73	45.0	5.32	34.8	4.29		
		24.0	18.0	63.4	7.17	61.3	6.97	57.2	6.55	55.2	6.35	49.1	5.73	45.0	5.32	34.8	4.29		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	70%	-24.9	-25.0	52.1	17.82	50.8	17.49	48.1	16.81	46.7	16.44	42.4	15.27	39.4	14.43	30.4	10.60		
		-19.8	-20.0	54.7	18.22	53.3	17.88	50.1	15.01	48.3	14.65	42.9	13.45	39.4	12.54	30.4	10.19		
		-14.7	-15.0	55.5	14.74	53.7	14.46	50.1	13.86	48.3	13.55	42.9	12.55	39.4	11.82	30.4	9.75		
		-9.6	-10.0	55.5	13.20	53.7	12.97	50.1	12.47	48.3	12.21	42.9	11.35	39.4	10.73	30.4	9.00		
		-4.4	-5.0	55.5	11.52	53.7	11.36	50.1	11.00	48.3	10.81	42.9	10.13	39.4	9.62	30.4	8.12		
		-1.8	-2.5	55.5	10.70	53.7	10.56	50.1	10.24	48.3	10.07	42.9	9.47	39.4	9.00	30.4	7.63		
		0.8	0.0	55.5	9.83	53.7	9.71	50.1	9.45	48.3	9.30	42.9	8.77	39.4	8.36	30.4	7.12		
		2.8	2.0	55.5	8.97	53.7	8.88	50.1	8.66	48.3	8.54	42.9	8.08	39.4	7.72	30.4	6.62		
		6.0	5.0	55.5	7.75	53.7	7.69	50.1	7.53	48.3	7.44	42.9	7.07	39.4	6.77	30.4	5.80		
		7.0	6.0	55.5	7.37	53.7	7.30	50.1	7.14	48.3	7.04	42.9	6.70	39.4	6.43	30.4	5.58		
		8.6	7.5	55.5	6.66	53.7	6.62	50.1	6.50	48.3	6.43	42.9	6.16	39.4	5.93	30.4	5.20		
		11.2	10.0	55.5	6.38	53.7	6.20	50.1	5.84	48.3	5.66	42.9	5.32	39.4	5.17	30.4	4.61		
		16.4	15.0	55.5	6.38	53.7	6.20	50.1	5.84	48.3	5.66	42.9	5.12	39.4	4.76	30.4	3.86		
24.0	18.0	55.5	6.38	53.7	6.20	50.1	5.84	48.3	5.66	42.9	5.12	39.4	4.76	30.4	3.86				

3. Part Load of Outdoor Unit

22HP (Heating) U-10ME2E8+U-12ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-24.9	-25.0	47.5	13.03	46.0	12.83	42.9	12.39	41.4	12.16	36.8	11.36	33.7	10.72	26.1	8.83
		-19.8	-20.0	47.5	12.24	46.0	12.06	42.9	11.67	41.4	11.46	36.8	10.78	33.7	10.25	26.1	8.57
		-14.7	-15.0	47.5	11.32	46.0	11.19	42.9	10.87	41.4	10.69	36.8	10.08	33.7	9.59	26.1	8.15
		-9.6	-10.0	47.5	10.26	46.0	10.15	42.9	9.89	41.4	9.74	36.8	9.21	33.7	8.80	26.1	7.51
		-4.4	-5.0	47.5	9.01	46.0	8.93	42.9	8.73	41.4	8.61	36.8	8.19	33.7	7.85	26.1	6.76
		-1.8	-2.5	47.5	8.32	46.0	8.25	42.9	8.09	41.4	8.00	36.8	7.63	33.7	7.32	26.1	6.35
		0.8	0.0	47.5	7.59	46.0	7.55	42.9	7.43	41.4	7.35	36.8	7.04	33.7	6.78	26.1	5.92
		2.8	2.0	47.5	6.88	46.0	6.86	42.9	6.77	41.4	6.72	36.8	6.47	33.7	6.25	26.1	5.49
		6.0	5.0	47.5	5.86	46.0	5.84	42.9	5.79	41.4	5.75	36.8	5.57	33.7	5.41	26.1	4.77
		7.0	6.0	47.5	5.58	46.0	5.47	42.9	5.44	41.4	5.41	36.8	5.27	33.7	5.13	26.1	4.60
		8.6	7.5	47.5	5.58	46.0	5.42	42.9	5.12	41.4	4.96	36.8	4.84	33.7	4.73	26.1	4.29
		11.2	10.0	47.5	5.58	46.0	5.42	42.9	5.12	41.4	4.96	36.8	4.50	33.7	4.19	26.1	3.80
		16.4	15.0	47.5	5.58	46.0	5.42	42.9	5.12	41.4	4.96	36.8	4.50	33.7	4.19	26.1	3.42
		24.0	18.0	47.5	5.58	46.0	5.42	42.9	5.12	41.4	4.96	36.8	4.50	33.7	4.19	26.1	3.42
100%	50%	-24.9	-25.0	39.6	10.13	38.3	10.03	35.8	9.77	34.5	9.63	30.7	9.12	28.1	8.72	21.7	7.30
		-19.8	-20.0	39.6	9.58	38.3	9.49	35.8	9.27	34.5	9.14	30.7	8.68	28.1	8.30	21.7	7.12
		-14.7	-15.0	39.6	8.87	38.3	8.80	35.8	8.61	34.5	8.50	30.7	8.10	28.1	7.76	21.7	6.71
		-9.6	-10.0	39.6	7.99	38.3	7.94	35.8	7.80	34.5	7.71	30.7	7.38	28.1	7.10	21.7	6.18
		-4.4	-5.0	39.6	6.97	38.3	6.94	35.8	6.85	34.5	6.79	30.7	6.54	28.1	6.31	21.7	5.55
		-1.8	-2.5	39.6	6.40	38.3	6.39	35.8	6.33	34.5	6.28	30.7	6.08	28.1	5.89	21.7	5.21
		0.8	0.0	39.6	5.81	38.3	5.82	35.8	5.79	34.5	5.76	30.7	5.60	28.1	5.44	21.7	4.85
		2.8	2.0	39.6	5.24	38.3	5.26	35.8	5.25	34.5	5.23	30.7	5.11	28.1	4.98	21.7	4.47
		6.0	5.0	39.6	4.78	38.3	4.65	35.8	4.40	34.5	4.38	30.7	4.34	28.1	4.27	21.7	3.89
		7.0	6.0	39.6	4.78	38.3	4.65	35.8	4.40	34.5	4.27	30.7	4.11	28.1	4.05	21.7	3.75
		8.6	7.5	39.6	4.78	38.3	4.65	35.8	4.40	34.5	4.27	30.7	3.88	28.1	3.74	21.7	3.50
		11.2	10.0	39.6	4.78	38.3	4.65	35.8	4.40	34.5	4.27	30.7	3.88	28.1	3.63	21.7	3.11
		16.4	15.0	39.6	4.78	38.3	4.65	35.8	4.40	34.5	4.27	30.7	3.88	28.1	3.63	21.7	2.98
		24.0	18.0	39.6	4.78	38.3	4.65	35.8	4.40	34.5	4.27	30.7	3.88	28.1	3.63	21.7	2.98
100%	40%	-24.9	-25.0	31.7	7.80	30.7	7.75	28.6	7.60	27.6	7.51	24.5	7.17	22.5	6.89	17.4	5.95
		-19.8	-20.0	31.7	7.37	30.7	7.32	28.6	7.20	27.6	7.12	24.5	6.82	22.5	6.56	17.4	5.72
		-14.7	-15.0	31.7	6.80	30.7	6.77	28.6	6.67	27.6	6.61	24.5	6.35	22.5	6.13	17.4	5.38
		-9.6	-10.0	31.7	6.11	30.7	6.09	28.6	6.03	27.6	5.98	24.5	5.78	22.5	5.60	17.4	4.96
		-4.4	-5.0	31.7	5.30	30.7	5.30	28.6	5.28	27.6	5.25	24.5	5.12	22.5	4.98	17.4	4.46
		-1.8	-2.5	31.7	4.86	30.7	4.87	28.6	4.87	27.6	4.85	24.5	4.75	22.5	4.63	17.4	4.17
		0.8	0.0	31.7	4.35	30.7	4.37	28.6	4.39	27.6	4.39	24.5	4.33	22.5	4.24	17.4	3.87
		2.8	2.0	31.7	3.99	30.7	3.88	28.6	3.92	27.6	3.93	24.5	3.91	22.5	3.86	17.4	3.57
		6.0	5.0	31.7	3.99	30.7	3.88	28.6	3.68	27.6	3.57	24.5	3.34	22.5	3.32	17.4	3.14
		7.0	6.0	31.7	3.99	30.7	3.88	28.6	3.68	27.6	3.57	24.5	3.27	22.5	3.16	17.4	3.01
		8.6	7.5	31.7	3.99	30.7	3.88	28.6	3.68	27.6	3.57	24.5	3.27	22.5	3.06	17.4	2.82
		11.2	10.0	31.7	3.99	30.7	3.88	28.6	3.68	27.6	3.57	24.5	3.27	22.5	3.06	17.4	2.55
		16.4	15.0	31.7	3.99	30.7	3.88	28.6	3.68	27.6	3.57	24.5	3.27	22.5	3.06	17.4	2.55
		24.0	18.0	31.7	3.99	30.7	3.88	28.6	3.68	27.6	3.57	24.5	3.27	22.5	3.06	17.4	2.55
100%	30%	-24.9	-25.0	23.8	5.76	23.0	5.73	21.5	5.66	20.7	5.61	18.4	5.40	16.9	5.21	13.0	4.59
		-19.8	-20.0	23.8	5.44	23.0	5.42	21.5	5.36	20.7	5.31	18.4	5.13	16.9	4.97	13.0	4.40
		-14.7	-15.0	23.8	5.02	23.0	5.01	21.5	4.96	20.7	4.93	18.4	4.79	16.9	4.65	13.0	4.14
		-9.6	-10.0	23.8	4.50	23.0	4.50	21.5	4.48	20.7	4.46	18.4	4.35	16.9	4.24	13.0	3.81
		-4.4	-5.0	23.8	3.83	23.0	3.85	21.5	3.87	20.7	3.86	18.4	3.81	16.9	3.74	13.0	3.42
		-1.8	-2.5	23.8	3.48	23.0	3.50	21.5	3.53	20.7	3.54	18.4	3.52	16.9	3.47	13.0	3.20
		0.8	0.0	23.8	3.19	23.0	3.14	21.5	3.19	20.7	3.21	18.4	3.22	16.9	3.19	13.0	2.98
		2.8	2.0	23.8	3.19	23.0	3.11	21.5	2.96	20.7	2.89	18.4	2.92	16.9	2.91	13.0	2.76
		6.0	5.0	23.8	3.19	23.0	3.11	21.5	2.96	20.7	2.88	18.4	2.65	16.9	2.53	13.0	2.46
		7.0	6.0	23.8	3.19	23.0	3.11	21.5	2.96	20.7	2.88	18.4	2.65	16.9	2.50	13.0	2.36
		8.6	7.5	23.8	3.19	23.0	3.11	21.5	2.96	20.7	2.88	18.4	2.65	16.9	2.50	13.0	2.22
		11.2	10.0	23.8	3.19	23.0	3.11	21.5	2.96	20.7	2.88	18.4	2.65	16.9	2.50	13.0	2.11
		16.4	15.0	23.8	3.19	23.0	3.11	21.5	2.96	20.7	2.88	18.4	2.65	16.9	2.50	13.0	2.11
		24.0	18.0	23.8	3.19	23.0	3.11	21.5	2.96	20.7	2.88	18.4	2.65	16.9	2.50	13.0	2.11

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-17. 24HP (Cooling) U-12ME2E8+U-12ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	45.3	4.73	54.4	5.68	63.5	6.62	68.0	7.09	77.1	8.04	86.1	8.99	95.2	9.93
		-5.0	45.3	4.74	54.4	5.68	63.5	6.63	68.0	7.10	77.1	8.05	86.1	9.00	95.2	9.94
		0.0	45.3	4.75	54.4	5.70	63.5	6.64	68.0	7.12	77.1	8.06	86.1	9.02	95.2	9.97
		5.0	45.3	4.76	54.4	5.71	63.5	6.66	68.0	7.14	77.1	8.11	86.1	9.10	95.2	10.07
		10.0	45.3	4.78	54.4	5.75	63.5	6.75	68.0	7.25	77.1	8.28	86.1	9.31	95.2	10.31
		15.0	45.3	4.90	54.4	5.97	63.5	7.06	68.0	7.62	77.1	8.74	86.1	9.87	95.2	10.90
		20.0	45.3	5.58	54.4	6.84	63.5	8.24	68.0	9.00	77.1	10.63	86.1	12.41	95.2	14.35
		25.0	45.3	7.15	54.4	8.79	63.5	10.59	68.0	11.55	77.1	13.60	86.1	15.80	95.2	18.17
		30.0	45.3	8.91	54.4	10.95	63.5	13.16	68.0	14.33	77.1	16.80	86.1	19.44	95.2	22.27
		35.0	45.3	10.81	54.4	13.27	63.5	15.92	68.0	17.31	77.1	20.24	86.1	23.37	91.1	24.22
		40.0	45.3	12.86	54.4	15.78	63.5	18.89	68.0	20.53	77.1	23.97	80.7	24.21	84.2	24.22
		43.0	45.3	14.16	54.4	17.37	63.5	20.79	68.0	22.59	73.7	24.22	77.2	24.22	78.8	22.97
		46.0	44.9	15.38	53.9	18.87	57.2	19.19	57.8	18.68	59.4	17.83	61.3	17.16	63.7	16.64
		52.0	19.6	6.68	21.3	6.75	23.4	6.87	24.5	6.95	27.0	7.13	29.7	7.33	32.7	7.54

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	40.8	3.81	49.0	4.78	57.1	5.73	61.2	6.20	69.4	7.11	77.5	8.01	85.7	8.88
		-5.0	40.8	3.82	49.0	4.79	57.1	5.74	61.2	6.21	69.4	7.12	77.5	8.02	85.7	8.90
		0.0	40.8	3.83	49.0	4.80	57.1	5.75	61.2	6.22	69.4	7.14	77.5	8.03	85.7	8.91
		5.0	40.8	3.84	49.0	4.82	57.1	5.77	61.2	6.23	69.4	7.15	77.5	8.06	85.7	8.95
		10.0	40.8	3.86	49.0	4.84	57.1	5.80	61.2	6.28	69.4	7.23	77.5	8.17	85.7	9.09
		15.0	40.8	3.91	49.0	4.95	57.1	5.97	61.2	6.48	69.4	7.49	77.5	8.47	85.7	9.44
		20.0	40.8	4.33	49.0	5.50	57.1	6.64	61.2	7.20	69.4	8.28	77.5	9.49	85.7	10.78
		25.0	40.8	5.83	49.0	7.16	57.1	8.54	61.2	9.25	69.4	10.71	77.5	12.20	85.7	13.73
		30.0	40.8	7.46	49.0	9.08	57.1	10.72	61.2	11.56	69.4	13.26	77.5	14.99	85.7	16.77
		35.0	40.8	9.50	49.0	11.46	57.1	13.44	61.2	14.44	69.4	16.48	77.5	18.56	85.7	20.72
		40.0	40.8	11.31	49.0	13.56	57.1	15.83	61.2	16.98	69.4	19.32	77.5	21.77	84.2	24.22
		43.0	40.8	12.42	49.0	14.85	57.1	17.31	61.2	18.56	69.4	21.14	77.2	24.22	78.8	22.97
		46.0	40.8	13.29	49.0	16.09	57.1	19.02	57.8	18.68	59.4	17.83	61.3	17.16	63.7	16.64
		52.0	19.6	6.68	21.3	6.75	23.4	6.87	24.5	6.95	27.0	7.13	29.7	7.33	32.7	7.54

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	36.3	3.26	43.5	4.14	50.8	5.00	54.4	5.43	61.7	6.26	68.9	7.08	76.2	7.88
		-5.0	36.3	3.27	43.5	4.15	50.8	5.01	54.4	5.44	61.7	6.27	68.9	7.09	76.2	7.89
		0.0	36.3	3.28	43.5	4.16	50.8	5.02	54.4	5.45	61.7	6.28	68.9	7.10	76.2	7.90
		5.0	36.3	3.29	43.5	4.17	50.8	5.04	54.4	5.46	61.7	6.30	68.9	7.11	76.2	7.91
		10.0	36.3	3.31	43.5	4.19	50.8	5.05	54.4	5.48	61.7	6.32	68.9	7.15	76.2	7.97
		15.0	36.3	3.33	43.5	4.23	50.8	5.12	54.4	5.56	61.7	6.44	68.9	7.30	76.2	8.14
		20.0	36.3	3.52	43.5	4.50	50.8	5.46	54.4	5.93	61.7	6.85	68.9	7.75	76.2	8.62
		25.0	36.3	4.76	43.5	5.77	50.8	6.80	54.4	7.32	61.7	8.37	68.9	9.44	76.2	10.52
		30.0	36.3	6.19	43.5	7.44	50.8	8.71	54.4	9.34	61.7	10.61	68.9	11.89	76.2	13.17
		35.0	36.3	7.98	43.5	9.54	50.8	11.09	54.4	11.86	61.7	13.39	68.9	14.93	76.2	16.47
		40.0	36.3	9.58	43.5	11.39	50.8	13.17	54.4	14.06	61.7	15.83	68.9	17.61	76.2	19.41
		43.0	36.3	10.57	43.5	12.53	50.8	14.47	54.4	15.44	61.7	17.37	68.9	19.32	76.2	21.31
		46.0	36.3	11.26	43.5	13.44	50.8	15.68	54.4	16.82	59.4	17.83	61.3	17.16	63.7	16.64
		52.0	19.6	6.68	21.3	6.75	23.4	6.87	24.5	6.95	27.0	7.13	29.7	7.33	32.7	7.54

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	31.7	2.70	38.1	3.49	44.4	4.26	47.6	4.64	53.9	5.39	60.3	6.12	66.6	6.84
		-5.0	31.7	2.71	38.1	3.50	44.4	4.27	47.6	4.65	53.9	5.39	60.3	6.13	66.6	6.85
		0.0	31.7	2.72	38.1	3.50	44.4	4.27	47.6	4.65	53.9	5.40	60.3	6.14	66.6	6.86
		5.0	31.7	2.73	38.1	3.51	44.4	4.29	47.6	4.67	53.9	5.42	60.3	6.15	66.6	6.87
		10.0	31.7	2.74	38.1	3.53	44.4	4.30	47.6	4.68	53.9	5.43	60.3	6.16	66.6	6.88
		15.0	31.7	2.76	38.1	3.55	44.4	4.32	47.6	4.71	53.9	5.47	60.3	6.21	66.6	6.95
		20.0	31.7	2.83	38.1	3.65	44.4	4.46	47.6	4.86	53.9	5.65	60.3	6.42	66.6	7.17
		25.0	31.7	3.57	38.1	4.42	44.4	5.23	47.6	5.63	53.9	6.40	60.3	7.15	66.6	7.88
		30.0	31.7	5.03	38.1	5.97	44.4	6.90	47.6	7.35	53.9	8.26	60.3	9.15	66.6	10.02
		35.0	31.7	6.58	38.1	7.77	44.4	8.94	47.6	9.52	53.9	10.64	60.3	11.74	66.6	12.82
		40.0	31.7	7.97	38.1	9.39	44.4	10.76	47.6	11.43	53.9	12.75	60.3	14.03	66.6	15.29
		43.0	31.7	8.84	38.1	10.38	44.4	11.88	47.6	12.61	53.9	14.05	60.3	15.45	66.6	16.84
		46.0	31.7	9.44	38.1	11.09	44.4	12.74	47.6	13.57	53.9	15.24	60.3	16.30	63.7	16.64
		52.0	19.6	6.68	21.3	6.75	23.4	6.87	24.5	6.95	27.0	7.13	29.7	7.33	32.7	7.54

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

24HP (Cooling) U-12ME2E8+U-12ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	27.2	2.14	32.6	2.82	38.1	3.50	40.8	3.83	46.2	4.49	51.7	5.13	57.1	5.76
		-5.0	27.2	2.14	32.6	2.83	38.1	3.50	40.8	3.84	46.2	4.49	51.7	5.14	57.1	5.77
		0.0	27.2	2.15	32.6	2.84	38.1	3.51	40.8	3.84	46.2	4.50	51.7	5.15	57.1	5.78
		5.0	27.2	2.16	32.6	2.84	38.1	3.52	40.8	3.85	46.2	4.51	51.7	5.16	57.1	5.79
		10.0	27.2	2.17	32.6	2.86	38.1	3.53	40.8	3.87	46.2	4.52	51.7	5.17	57.1	5.80
		15.0	27.2	2.19	32.6	2.88	38.1	3.55	40.8	3.89	46.2	4.54	51.7	5.19	57.1	5.82
		20.0	27.2	2.22	32.6	2.91	38.1	3.59	40.8	3.93	46.2	4.59	51.7	5.25	57.1	5.89
		25.0	27.2	2.49	32.6	3.21	38.1	3.90	40.8	4.24	46.2	4.90	51.7	5.55	57.1	6.19
		30.0	27.2	3.98	32.6	4.66	38.1	5.30	40.8	5.61	46.2	6.21	51.7	6.78	57.1	7.33
		35.0	27.2	5.29	32.6	6.17	38.1	7.01	40.8	7.41	46.2	8.19	51.7	8.94	57.1	9.64
		40.0	27.2	6.48	32.6	7.55	38.1	8.57	40.8	9.05	46.2	9.99	51.7	10.88	57.1	11.74
		43.0	27.2	7.22	32.6	8.40	38.1	9.52	40.8	10.06	46.2	11.09	51.7	12.08	57.1	13.02
		46.0	27.2	7.79	32.6	9.01	38.1	10.19	40.8	10.77	46.2	11.91	51.7	13.03	57.1	14.12
		52.0	19.6	6.68	21.3	6.75	23.4	6.87	24.5	6.95	27.0	7.13	29.7	7.33	32.7	7.54

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	22.7	1.56	27.2	2.14	31.7	2.72	34.0	3.00	38.5	3.56	43.1	4.11	47.6	4.65
		-5.0	22.7	1.57	27.2	2.15	31.7	2.72	34.0	3.00	38.5	3.56	43.1	4.11	47.6	4.66
		0.0	22.7	1.57	27.2	2.15	31.7	2.73	34.0	3.01	38.5	3.57	43.1	4.12	47.6	4.66
		5.0	22.7	1.58	27.2	2.16	31.7	2.73	34.0	3.02	38.5	3.58	43.1	4.13	47.6	4.67
		10.0	22.7	1.59	27.2	2.17	31.7	2.74	34.0	3.03	38.5	3.59	43.1	4.14	47.6	4.68
		15.0	22.7	1.60	27.2	2.18	31.7	2.76	34.0	3.04	38.5	3.60	43.1	4.15	47.6	4.70
		20.0	22.7	1.63	27.2	2.21	31.7	2.78	34.0	3.07	38.5	3.63	43.1	4.17	47.6	4.71
		25.0	22.7	1.70	27.2	2.28	31.7	2.86	34.0	3.14	38.5	3.70	43.1	4.26	47.6	4.80
		30.0	22.7	3.06	27.2	3.47	31.7	3.72	34.0	3.90	38.5	4.31	43.1	4.75	47.6	5.22
		35.0	22.7	4.11	27.2	4.73	31.7	5.30	34.0	5.56	38.5	6.05	43.1	6.51	47.6	6.92
		40.0	22.7	5.11	27.2	5.88	31.7	6.59	34.0	6.92	38.5	7.54	43.1	8.12	47.6	8.64
		43.0	22.7	5.72	27.2	6.59	31.7	7.38	34.0	7.75	38.5	8.46	43.1	9.11	47.6	9.70
		46.0	22.7	6.32	27.2	7.18	31.7	7.99	34.0	8.38	38.5	9.12	43.1	9.81	47.6	10.47
		52.0	19.6	6.68	21.3	6.75	23.4	6.87	24.5	6.95	27.0	7.13	29.7	7.33	32.7	7.54

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	18.1	0.98	21.8	1.45	25.4	1.92	27.2	2.15	30.8	2.61	34.5	3.06	38.1	3.51
		-5.0	18.1	0.98	21.8	1.45	25.4	1.92	27.2	2.15	30.8	2.61	34.5	3.06	38.1	3.51
		0.0	18.1	0.98	21.8	1.46	25.4	1.93	27.2	2.16	30.8	2.61	34.5	3.07	38.1	3.52
		5.0	18.1	0.99	21.8	1.46	25.4	1.93	27.2	2.16	30.8	2.62	34.5	3.07	38.1	3.52
		10.0	18.1	0.99	21.8	1.47	25.4	1.94	27.2	2.17	30.8	2.63	34.5	3.08	38.1	3.53
		15.0	18.1	1.01	21.8	1.48	25.4	1.95	27.2	2.18	30.8	2.64	34.5	3.09	38.1	3.55
		20.0	18.1	1.02	21.8	1.50	25.4	1.97	27.2	2.20	30.8	2.66	34.5	3.11	38.1	3.57
		25.0	18.1	1.06	21.8	1.53	25.4	2.00	27.2	2.23	30.8	2.68	34.5	3.13	38.1	3.60
		30.0	18.1	1.55	21.8	1.83	25.4	2.20	27.2	2.40	30.8	2.82	34.5	3.29	38.1	3.81
		35.0	18.1	3.07	21.8	3.46	25.4	3.81	27.2	3.96	30.8	4.24	34.5	4.58	38.1	5.03
		40.0	18.1	3.85	21.8	4.37	25.4	4.83	27.2	5.03	30.8	5.41	34.5	5.73	38.1	6.00
		43.0	18.1	4.34	21.8	4.94	25.4	5.46	27.2	5.70	30.8	6.13	34.5	6.51	38.1	6.84
		46.0	18.1	5.01	21.8	5.58	25.4	6.10	27.2	6.34	30.8	6.79	34.5	7.18	38.1	7.53
		52.0	18.1	5.93	21.3	6.75	23.4	6.87	24.5	6.95	27.0	7.13	29.7	7.33	32.7	7.54

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	13.6	0.38	16.3	0.74	19.0	1.10	20.4	1.28	23.1	1.64	25.8	1.99	28.6	2.33
		-5.0	13.6	0.38	16.3	0.74	19.0	1.10	20.4	1.29	23.1	1.64	25.8	1.99	28.6	2.34
		0.0	13.6	0.38	16.3	0.75	19.0	1.11	20.4	1.29	23.1	1.65	25.8	2.00	28.6	2.35
		5.0	13.6	0.39	16.3	0.75	19.0	1.11	20.4	1.30	23.1	1.66	25.8	2.01	28.6	2.36
		10.0	13.6	0.39	16.3	0.76	19.0	1.12	20.4	1.30	23.1	1.66	25.8	2.02	28.6	2.37
		15.0	13.6	0.40	16.3	0.76	19.0	1.13	20.4	1.31	23.1	1.68	25.8	2.03	28.6	2.38
		20.0	13.6	0.41	16.3	0.77	19.0	1.14	20.4	1.33	23.1	1.70	25.8	2.05	28.6	2.40
		25.0	13.6	0.44	16.3	0.80	19.0	1.17	20.4	1.36	23.1	1.72	25.8	2.09	28.6	2.48
		30.0	13.6	0.51	16.3	0.84	19.0	1.22	20.4	1.44	23.1	1.90	25.8	2.33	28.6	2.76
		35.0	13.6	2.14	16.3	2.37	19.0	2.64	20.4	2.82	23.1	3.16	25.8	3.51	28.6	3.84
		40.0	13.6	2.72	16.3	3.04	19.0	3.30	20.4	3.41	23.1	3.59	25.8	3.73	28.6	3.84
		43.0	13.6	3.09	16.3	3.46	19.0	3.77	20.4	3.90	23.1	4.13	25.8	4.31	28.6	4.44
		46.0	13.6	3.86	16.3	4.21	19.0	4.51	20.4	4.64	23.1	4.87	25.8	5.06	28.6	5.21
		52.0	13.6	4.52	16.3	4.97	19.0	5.37	20.4	5.55	23.1	5.73	25.8	5.82	28.6	5.86

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-18. 24HP (Heating) U-12ME2E8+U-12ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	100%	-24.9	-25.0	56.4	19.43	54.9	19.07	51.9	18.30	50.4	17.90	45.7	16.61	42.4	15.67	33.9	13.04
		-19.8	-20.0	59.2	19.91	57.7	19.53	54.6	18.74	53.0	18.32	48.0	16.97	44.7	16.00	35.8	13.28
		-14.7	-15.0	63.3	20.59	61.7	20.22	58.4	19.37	56.7	18.93	51.4	17.51	47.8	16.48	38.3	13.63
		-9.6	-10.0	68.8	21.65	67.0	21.24	63.4	20.35	61.6	19.86	55.9	18.25	52.0	17.06	41.7	14.09
		-4.4	-5.0	75.8	22.43	73.9	22.01	69.9	21.10	67.9	20.62	61.6	19.04	57.3	17.90	45.9	14.69
		-1.8	-2.5	80.0	22.78	77.9	22.34	73.7	21.39	71.6	20.89	65.0	19.26	60.4	18.10	48.2	14.72
		0.8	0.0	84.0	22.82	82.5	22.67	78.1	21.69	75.8	21.17	68.0	19.12	62.3	17.56	48.2	13.69
		2.8	2.0	87.8	22.62	85.0	21.89	79.3	20.35	76.5	19.73	68.0	17.59	62.3	16.17	48.2	12.66
		6.0	5.0	87.8	19.57	85.0	18.96	79.3	17.76	76.5	17.16	68.0	15.36	62.3	14.13	48.2	11.14
		7.0	6.0	87.8	18.59	85.0	18.02	79.3	16.89	76.5	16.30	68.0	14.61	62.3	13.49	48.2	10.67
		8.6	7.5	87.8	17.12	85.0	16.62	79.3	15.60	76.5	15.10	68.0	13.57	62.3	12.56	48.2	9.99
		11.2	10.0	87.8	14.88	85.0	14.47	79.3	13.64	76.5	13.22	68.0	11.96	62.3	11.11	48.2	8.92
		16.4	15.0	87.8	10.93	85.0	10.66	79.3	10.13	76.5	9.85	68.0	9.00	62.3	8.40	48.2	6.82
		24.0	18.0	87.8	9.99	85.0	9.69	79.3	9.09	76.5	8.79	68.0	7.90	62.3	7.30	48.2	5.81

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	56.4	19.43	54.9	19.07	51.9	18.30	50.4	17.90	45.7	16.61	42.4	15.67	33.9	13.04
		-19.8	-20.0	59.2	19.91	57.7	19.53	54.6	18.74	53.0	18.32	48.0	16.97	44.7	16.00	35.8	13.28
		-14.7	-15.0	63.3	20.59	61.7	20.22	58.4	19.37	56.7	18.93	51.4	17.51	47.8	16.48	38.3	13.63
		-9.6	-10.0	68.8	21.65	67.0	21.24	63.4	20.35	61.6	19.86	55.9	18.25	52.0	17.06	41.7	14.09
		-4.4	-5.0	75.8	22.43	73.9	22.01	69.9	21.10	67.9	20.62	61.2	17.81	56.1	16.50	43.4	13.14
		-1.8	-2.5	79.1	20.60	76.5	20.04	71.4	18.90	68.9	18.33	61.2	16.57	56.1	15.38	43.4	12.30
		0.8	0.0	79.1	18.86	76.5	18.37	71.4	17.36	68.9	16.85	61.2	15.28	56.1	14.20	43.4	11.42
		2.8	2.0	79.1	17.13	76.5	16.69	71.4	15.81	68.9	15.37	61.2	13.98	56.1	13.04	43.4	10.60
		6.0	5.0	79.1	14.82	76.5	14.51	71.4	13.84	68.9	13.49	61.2	12.38	56.1	11.57	43.4	9.39
		7.0	6.0	79.1	14.33	76.5	13.99	71.4	13.28	68.9	12.92	61.2	11.80	56.1	11.03	43.4	8.98
		8.6	7.5	79.1	13.13	76.5	12.83	71.4	12.22	68.9	11.90	61.2	10.92	56.1	10.23	43.4	8.39
		11.2	10.0	79.1	11.25	76.5	11.03	71.4	10.56	68.9	10.32	61.2	9.54	56.1	8.99	43.4	7.46
		16.4	15.0	79.1	9.06	76.5	8.79	71.4	8.26	68.9	7.99	61.2	7.18	56.1	6.66	43.4	5.62
		24.0	18.0	79.1	9.06	76.5	8.79	71.4	8.26	68.9	7.99	61.2	7.18	56.1	6.64	43.4	5.30

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	80%	-24.9	-25.0	56.4	19.43	54.9	19.07	51.9	18.30	50.4	17.90	45.7	16.61	42.4	15.67	33.9	13.04
		-19.8	-20.0	59.2	19.91	57.7	19.53	54.6	18.74	53.0	18.32	48.0	16.97	44.7	16.00	35.8	13.28
		-14.7	-15.0	63.3	20.59	61.7	20.22	58.4	19.37	56.7	18.93	51.4	17.51	47.8	16.48	38.3	13.63
		-9.6	-10.0	68.8	21.65	67.0	21.24	63.4	20.35	61.2	17.62	54.4	16.12	49.9	15.07	38.5	12.25
		-4.4	-5.0	70.3	17.00	68.0	16.63	63.5	15.87	61.2	15.48	54.4	14.23	49.9	13.34	38.5	10.93
		-1.8	-2.5	70.3	15.63	68.0	15.32	63.5	14.65	61.2	14.30	54.4	13.19	49.9	12.42	38.5	10.27
		0.8	0.0	70.3	14.24	68.0	13.99	63.5	13.46	61.2	13.18	54.4	12.24	49.9	11.55	38.5	9.59
		2.8	2.0	70.3	13.07	68.0	12.86	63.5	12.39	61.2	12.14	54.4	11.31	49.9	10.68	38.5	8.91
		6.0	5.0	70.3	11.40	68.0	11.23	63.5	10.85	61.2	10.65	54.4	9.93	49.9	9.39	38.5	7.82
		7.0	6.0	70.3	10.88	68.0	10.70	63.5	10.32	61.2	10.11	54.4	9.43	49.9	8.93	38.5	7.51
		8.6	7.5	70.3	9.89	68.0	9.75	63.5	9.43	61.2	9.26	54.4	8.69	49.9	8.26	38.5	7.00
		11.2	10.0	70.3	8.38	68.0	8.28	63.5	8.07	61.2	7.95	54.4	7.53	49.9	7.21	38.5	6.20
		16.4	15.0	70.3	8.14	68.0	7.90	63.5	7.42	61.2	7.18	54.4	6.47	49.9	5.99	38.5	4.79
		24.0	18.0	70.3	8.14	68.0	7.90	63.5	7.42	61.2	7.18	54.4	6.47	49.9	5.99	38.5	4.79

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	70%	-24.9	-25.0	56.4	19.43	54.9	19.07	51.9	18.30	50.4	17.90	45.7	16.61	42.4	15.67	33.7	12.04
		-19.8	-20.0	59.2	19.91	57.7	19.53	54.6	18.74	53.0	18.32	47.6	15.29	43.6	14.29	33.7	11.58
		-14.7	-15.0	61.5	16.63	59.5	16.33	55.5	15.67	53.6	15.33	47.6	14.21	43.6	13.39	33.7	11.06
		-9.6	-10.0	61.5	14.87	59.5	14.62	55.5	14.09	53.6	13.80	47.6	12.89	43.6	12.20	33.7	10.21
		-4.4	-5.0	61.5	13.05	59.5	12.87	55.5	12.47	53.6	12.24	47.6	11.48	43.6	10.90	33.7	9.18
		-1.8	-2.5	61.5	12.09	59.5	11.94	55.5	11.58	53.6	11.38	47.6	10.70	43.6	10.18	33.7	8.61
		0.8	0.0	61.5	11.09	59.5	10.96	55.5	10.66	53.6	10.49	47.6	9.90	43.6	9.43	33.7	8.02
		2.8	2.0	61.5	10.10	59.5	10.00	55.5	9.75	53.6	9.61	47.6	9.10	43.6	8.69	33.7	7.43
		6.0	5.0	61.5	8.66	59.5	8.60	55.5	8.41	53.6	8.29	47.6	7.88	43.6	7.55	33.7	6.46
		7.0	6.0	61.5	8.13	59.5	8.07	55.5	7.91	53.6	7.81	47.6	7.46	43.6	7.16	33.7	6.22
		8.6	7.5	61.5	7.35	59.5	7.30	55.5	7.19	53.6	7.12	47.6	6.84	43.6	6.60	33.7	5.79
		11.2	10.0	61.5	7.21	59.5	7.00	55.5	6.58	53.6	6.38	47.6	5.90	43.6	5.73	33.7	5.12
		16.4	15.0	61.5	7.21	59.5	7.00	55.5	6.58	53.6	6.38	47.6	5.75	43.6	5.33	33.7	4.29
24.0	18.0	61.5	7.21	59.5	7.00	55.5	6.58	53.6	6.38	47.6	5.75	43.6	5.33	33.7	4.29		

3. Part Load of Outdoor Unit

24HP (Heating) U-12ME2E8+U-12ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	60%	-24.9	-25.0	52.7	14.74	51.0	14.52	47.6	14.04	45.9	13.78	40.8	12.90	37.4	12.21	28.9	10.04
		-19.8	-20.0	52.7	13.91	51.0	13.72	47.6	13.31	45.9	13.08	40.8	12.28	37.4	11.67	28.9	9.75
		-14.7	-15.0	52.7	12.89	51.0	12.74	47.6	12.38	45.9	12.17	40.8	11.46	37.4	10.91	28.9	9.25
		-9.6	-10.0	52.7	11.65	51.0	11.53	47.6	11.23	45.9	11.06	40.8	10.46	37.4	9.98	28.9	8.50
		-4.4	-5.0	52.7	10.19	51.0	10.10	47.6	9.88	45.9	9.75	40.8	9.26	37.4	8.87	28.9	7.63
		-1.8	-2.5	52.7	9.39	51.0	9.32	47.6	9.14	45.9	9.03	40.8	8.61	37.4	8.27	28.9	7.15
		0.8	0.0	52.7	8.55	51.0	8.50	47.6	8.37	45.9	8.28	40.8	7.94	37.4	7.64	28.9	6.65
		2.8	2.0	52.7	7.72	51.0	7.70	47.6	7.61	45.9	7.54	40.8	7.27	37.4	7.01	28.9	6.12
		6.0	5.0	52.7	6.43	51.0	6.42	47.6	6.38	45.9	6.34	40.8	6.17	37.4	6.00	28.9	5.30
		7.0	6.0	52.7	6.29	51.0	6.11	47.6	5.99	45.9	5.96	40.8	5.83	37.4	5.68	28.9	5.10
		8.6	7.5	52.7	6.29	51.0	6.11	47.6	5.75	45.9	5.57	40.8	5.34	37.4	5.23	28.9	4.75
		11.2	10.0	52.7	6.29	51.0	6.11	47.6	5.75	45.9	5.57	40.8	5.03	37.4	4.67	28.9	4.19
		16.4	15.0	52.7	6.29	51.0	6.11	47.6	5.75	45.9	5.57	40.8	5.03	37.4	4.67	28.9	3.78
		24.0	18.0	52.7	6.29	51.0	6.11	47.6	5.75	45.9	5.57	40.8	5.03	37.4	4.67	28.9	3.78

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	50%	-24.9	-25.0	43.9	11.54	42.5	11.42	39.7	11.13	38.3	10.97	34.0	10.38	31.2	9.91	24.1	8.29
		-19.8	-20.0	43.9	10.90	42.5	10.80	39.7	10.55	38.3	10.40	34.0	9.86	31.2	9.43	24.1	8.07
		-14.7	-15.0	43.9	10.07	42.5	9.99	39.7	9.78	38.3	9.65	34.0	9.18	31.2	8.80	24.1	7.58
		-9.6	-10.0	43.9	9.05	42.5	8.99	39.7	8.83	38.3	8.73	34.0	8.35	31.2	8.03	24.1	6.96
		-4.4	-5.0	43.9	7.85	42.5	7.82	39.7	7.72	38.3	7.65	34.0	7.37	31.2	7.11	24.1	6.24
		-1.8	-2.5	43.9	7.20	42.5	7.18	39.7	7.12	38.3	7.07	34.0	6.84	31.2	6.62	24.1	5.84
		0.8	0.0	43.9	6.52	42.5	6.52	39.7	6.49	38.3	6.45	34.0	6.26	31.2	6.08	24.1	5.39
		2.8	2.0	43.9	5.77	42.5	5.78	39.7	5.78	38.3	5.76	34.0	5.64	31.2	5.50	24.1	4.95
		6.0	5.0	43.9	5.36	42.5	5.21	39.7	4.91	38.3	4.80	34.0	4.77	31.2	4.70	24.1	4.30
		7.0	6.0	43.9	5.36	42.5	5.21	39.7	4.91	38.3	4.76	34.0	4.50	31.2	4.45	24.1	4.13
		8.6	7.5	43.9	5.36	42.5	5.21	39.7	4.91	38.3	4.76	34.0	4.32	31.2	4.10	24.1	3.84
		11.2	10.0	43.9	5.36	42.5	5.21	39.7	4.91	38.3	4.76	34.0	4.32	31.2	4.02	24.1	3.39
		16.4	15.0	43.9	5.36	42.5	5.21	39.7	4.91	38.3	4.76	34.0	4.32	31.2	4.02	24.1	3.27
		24.0	18.0	43.9	5.36	42.5	5.21	39.7	4.91	38.3	4.76	34.0	4.32	31.2	4.02	24.1	3.27

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	40%	-24.9	-25.0	35.1	8.84	34.0	8.77	31.7	8.61	30.6	8.50	27.2	8.12	24.9	7.79	19.3	6.70
		-19.8	-20.0	35.1	8.33	34.0	8.28	31.7	8.14	30.6	8.05	27.2	7.70	24.9	7.41	19.3	6.44
		-14.7	-15.0	35.1	7.67	34.0	7.64	31.7	7.53	30.6	7.46	27.2	7.17	24.9	6.91	19.3	6.04
		-9.6	-10.0	35.1	6.87	34.0	6.85	31.7	6.78	30.6	6.73	27.2	6.50	24.9	6.29	19.3	5.55
		-4.4	-5.0	35.1	5.93	34.0	5.93	31.7	5.90	30.6	5.87	27.2	5.71	24.9	5.55	19.3	4.95
		-1.8	-2.5	35.1	5.35	34.0	5.36	31.7	5.37	30.6	5.35	27.2	5.24	24.9	5.12	19.3	4.61
		0.8	0.0	35.1	4.75	34.0	4.78	31.7	4.81	30.6	4.81	27.2	4.76	24.9	4.67	19.3	4.26
		2.8	2.0	35.1	4.44	34.0	4.32	31.7	4.27	30.6	4.29	27.2	4.29	24.9	4.23	19.3	3.92
		6.0	5.0	35.1	4.44	34.0	4.32	31.7	4.08	30.6	3.96	27.2	3.63	24.9	3.62	19.3	3.43
		7.0	6.0	35.1	4.44	34.0	4.32	31.7	4.08	30.6	3.96	27.2	3.60	24.9	3.43	19.3	3.28
		8.6	7.5	35.1	4.44	34.0	4.32	31.7	4.08	30.6	3.96	27.2	3.60	24.9	3.36	19.3	3.06
		11.2	10.0	35.1	4.44	34.0	4.32	31.7	4.08	30.6	3.96	27.2	3.60	24.9	3.36	19.3	2.76
		16.4	15.0	35.1	4.44	34.0	4.32	31.7	4.08	30.6	3.96	27.2	3.60	24.9	3.36	19.3	2.76
		24.0	18.0	35.1	4.44	34.0	4.32	31.7	4.08	30.6	3.96	27.2	3.60	24.9	3.36	19.3	2.76

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	30%	-24.9	-25.0	26.4	6.47	25.5	6.44	23.8	6.35	23.0	6.29	20.4	6.05	18.7	5.84	14.5	5.13
		-19.8	-20.0	26.4	6.09	25.5	6.07	23.8	6.00	23.0	5.95	20.4	5.75	18.7	5.56	14.5	4.91
		-14.7	-15.0	26.4	5.60	25.5	5.59	23.8	5.54	23.0	5.51	20.4	5.34	18.7	5.18	14.5	4.59
		-9.6	-10.0	26.4	4.95	25.5	4.95	23.8	4.94	23.0	4.92	20.4	4.80	18.7	4.68	14.5	4.21
		-4.4	-5.0	26.4	4.18	25.5	4.21	23.8	4.23	23.0	4.24	20.4	4.19	18.7	4.11	14.5	3.75
		-1.8	-2.5	26.4	3.77	25.5	3.81	23.8	3.85	23.0	3.86	20.4	3.85	18.7	3.80	14.5	3.51
		0.8	0.0	26.4	3.51	25.5	3.42	23.8	3.46	23.0	3.48	20.4	3.50	18.7	3.47	14.5	3.25
		2.8	2.0	26.4	3.51	25.5	3.42	23.8	3.24	23.0	3.15	20.4	3.16	18.7	3.16	14.5	3.00
		6.0	5.0	26.4	3.51	25.5	3.42	23.8	3.24	23.0	3.15	20.4	2.88	18.7	2.72	14.5	2.64
		7.0	6.0	26.4	3.51	25.5	3.42	23.8	3.24	23.0	3.15	20.4	2.88	18.7	2.70	14.5	2.53
		8.6	7.5	26.4	3.51	25.5	3.42	23.8	3.24	23.0	3.15	20.4	2.88	18.7	2.70	14.5	2.38
		11.2	10.0	26.4	3.51	25.5	3.42	23.8	3.24	23.0	3.15	20.4	2.88	18.7	2.70	14.5	2.26
		16.4	15.0	26.4	3.51	25.5	3.42	23.8	3.24	23.0	3.15	20.4	2.88	18.7	2.70	14.5	2.26
		24.0	18.0	26.4	3.51	25.5	3.42	23.8	3.24	23.0	3.15	20.4	2.88	18.7	2.70	14.5	2.26

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-19. 26HP (Cooling) U-10ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	48.7	5.32	58.4	6.38	68.1	7.45	73.0	7.98	82.7	9.04	92.5	10.11	102.2	11.17
		-5.0	48.7	5.33	58.4	6.39	68.1	7.46	73.0	7.99	82.7	9.05	92.5	10.12	102.2	11.18
		0.0	48.7	5.34	58.4	6.40	68.1	7.47	73.0	8.00	82.7	9.07	92.5	10.14	102.2	11.20
		5.0	48.7	5.35	58.4	6.42	68.1	7.49	73.0	8.02	82.7	9.10	92.5	10.20	102.2	11.28
		10.0	48.7	5.37	58.4	6.45	68.1	7.55	73.0	8.11	82.7	9.24	92.5	10.38	102.2	11.48
		15.0	48.7	5.46	58.4	6.63	68.1	7.82	73.0	8.42	82.7	9.64	92.5	10.88	102.2	12.02
		20.0	48.7	6.07	58.4	7.42	68.1	9.00	73.0	9.85	82.7	11.69	92.5	13.70	102.2	15.88
		25.0	48.7	7.77	58.4	9.62	68.1	11.64	73.0	12.73	82.7	15.03	92.5	17.51	102.2	20.18
		30.0	48.7	9.76	58.4	12.05	68.1	14.54	73.0	15.86	82.7	18.64	92.5	21.61	102.2	24.80
		35.0	48.7	11.90	58.4	14.67	68.1	17.65	73.0	19.22	82.7	22.52	92.5	26.04	97.7	26.88
		40.0	48.7	14.20	58.4	17.48	68.1	21.00	73.0	22.84	82.7	26.71	86.5	26.88	90.2	26.88
		43.0	48.7	15.66	58.4	19.27	68.1	23.13	73.0	25.16	78.9	26.88	82.7	26.88	84.6	25.58
		46.0	48.2	17.04	57.8	20.97	61.4	21.33	62.1	20.76	63.7	19.80	65.8	19.05	68.4	18.45
		52.0	21.0	7.24	22.9	7.32	25.1	7.46	26.3	7.54	29.0	7.74	31.9	7.97	35.1	8.21

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	43.8	4.30	52.6	5.39	61.3	6.46	65.7	6.98	74.5	8.01	83.2	9.01	92.0	10.00
		-5.0	43.8	4.31	52.6	5.40	61.3	6.47	65.7	6.99	74.5	8.02	83.2	9.02	92.0	10.01
		0.0	43.8	4.32	52.6	5.41	61.3	6.48	65.7	7.00	74.5	8.03	83.2	9.04	92.0	10.02
		5.0	43.8	4.33	52.6	5.43	61.3	6.50	65.7	7.02	74.5	8.05	83.2	9.06	92.0	10.05
		10.0	43.8	4.35	52.6	5.45	61.3	6.52	65.7	7.05	74.5	8.11	83.2	9.14	92.0	10.16
		15.0	43.8	4.39	52.6	5.53	61.3	6.66	65.7	7.22	74.5	8.32	83.2	9.41	92.0	10.47
		20.0	43.8	4.74	52.6	6.02	61.3	7.26	65.7	7.86	74.5	9.05	83.2	10.41	92.0	11.86
		25.0	43.8	6.27	52.6	7.77	61.3	9.34	65.7	10.14	74.5	11.78	83.2	13.46	92.0	15.19
		30.0	43.8	8.11	52.6	9.94	61.3	11.80	65.7	12.74	74.5	14.66	83.2	16.61	92.0	18.62
		35.0	43.8	10.41	52.6	12.62	61.3	14.85	65.7	15.98	74.5	18.27	83.2	20.62	92.0	23.06
		40.0	43.8	12.45	52.6	14.98	61.3	17.54	65.7	18.83	74.5	21.48	83.2	24.23	90.2	26.88
		43.0	43.8	13.70	52.6	16.44	61.3	19.21	65.7	20.62	74.5	23.53	82.7	26.88	84.6	25.58
		46.0	43.8	14.68	52.6	17.83	61.3	21.14	62.1	20.76	63.7	19.80	65.8	19.05	68.4	18.45
		52.0	21.0	7.24	22.9	7.32	25.1	7.46	26.3	7.54	29.0	7.74	31.9	7.97	35.1	8.21

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	38.9	3.68	46.7	4.67	54.5	5.64	58.4	6.12	66.2	7.05	74.0	7.97	81.8	8.87
		-5.0	38.9	3.69	46.7	4.68	54.5	5.65	58.4	6.13	66.2	7.06	74.0	7.98	81.8	8.88
		0.0	38.9	3.70	46.7	4.69	54.5	5.66	58.4	6.14	66.2	7.07	74.0	7.99	81.8	8.89
		5.0	38.9	3.71	46.7	4.70	54.5	5.67	58.4	6.15	66.2	7.09	74.0	8.00	81.8	8.90
		10.0	38.9	3.73	46.7	4.72	54.5	5.69	58.4	6.17	66.2	7.11	74.0	8.03	81.8	8.94
		15.0	38.9	3.75	46.7	4.75	54.5	5.74	58.4	6.23	66.2	7.20	74.0	8.15	81.8	9.09
		20.0	38.9	3.90	46.7	4.98	54.5	6.03	58.4	6.55	66.2	7.56	74.0	8.55	81.8	9.51
		25.0	38.9	5.06	46.7	6.20	54.5	7.36	58.4	7.95	66.2	9.14	74.0	10.35	81.8	11.57
		30.0	38.9	6.67	46.7	8.09	54.5	9.52	58.4	10.24	66.2	11.67	74.0	13.11	81.8	14.55
		35.0	38.9	8.69	46.7	10.45	54.5	12.20	58.4	13.07	66.2	14.80	74.0	16.53	81.8	18.27
		40.0	38.9	10.50	46.7	12.54	54.5	14.55	58.4	15.55	66.2	17.55	74.0	19.55	81.8	21.58
		43.0	38.9	11.62	46.7	13.83	54.5	16.01	58.4	17.10	66.2	19.27	74.0	21.47	81.8	23.72
		46.0	38.9	12.40	46.7	14.86	54.5	17.37	58.4	18.65	63.7	19.80	65.8	19.05	68.4	18.45
		52.0	21.0	7.24	22.9	7.32	25.1	7.46	26.3	7.54	29.0	7.74	31.9	7.97	35.1	8.21

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	34.1	3.06	40.9	3.94	47.7	4.81	51.1	5.23	57.9	6.07	64.7	6.90	71.5	7.70
		-5.0	34.1	3.07	40.9	3.95	47.7	4.81	51.1	5.24	57.9	6.08	64.7	6.90	71.5	7.71
		0.0	34.1	3.07	40.9	3.96	47.7	4.82	51.1	5.25	57.9	6.09	64.7	6.91	71.5	7.72
		5.0	34.1	3.08	40.9	3.97	47.7	4.83	51.1	5.26	57.9	6.10	64.7	6.93	71.5	7.73
		10.0	34.1	3.10	40.9	3.98	47.7	4.85	51.1	5.28	57.9	6.12	64.7	6.94	71.5	7.75
		15.0	34.1	3.12	40.9	4.00	47.7	4.87	51.1	5.30	57.9	6.14	64.7	6.98	71.5	7.79
		20.0	34.1	3.17	40.9	4.08	47.7	4.98	51.1	5.42	57.9	6.29	64.7	7.15	71.5	7.98
		25.0	34.1	3.81	40.9	4.75	47.7	5.66	51.1	6.10	57.9	6.96	64.7	7.80	71.5	8.62
		30.0	34.1	5.36	40.9	6.43	47.7	7.47	51.1	7.99	57.9	9.01	64.7	10.02	71.5	11.01
		35.0	34.1	7.10	40.9	8.46	47.7	9.78	51.1	10.42	57.9	11.70	64.7	12.94	71.5	14.16
		40.0	34.1	8.68	40.9	10.28	47.7	11.83	51.1	12.59	57.9	14.07	64.7	15.52	71.5	16.94
		43.0	34.1	9.66	40.9	11.40	47.7	13.09	51.1	13.92	57.9	15.54	64.7	17.12	71.5	18.68
		46.0	34.1	10.34	40.9	12.20	47.7	14.07	51.1	15.00	57.9	16.88	64.7	18.08	68.4	18.45
		52.0	21.0	7.24	22.9	7.32	25.1	7.46	26.3	7.54	29.0	7.74	31.9	7.97	35.1	8.21

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

26HP (Cooling) U-10ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	29.2	2.42	35.0	3.19	40.9	3.95	43.8	4.33	49.6	5.06	55.5	5.79	61.3	6.50
		-5.0	29.2	2.43	35.0	3.20	40.9	3.96	43.8	4.33	49.6	5.07	55.5	5.79	61.3	6.50
		0.0	29.2	2.43	35.0	3.21	40.9	3.96	43.8	4.34	49.6	5.08	55.5	5.80	61.3	6.51
		5.0	29.2	2.44	35.0	3.21	40.9	3.97	43.8	4.35	49.6	5.09	55.5	5.81	61.3	6.52
		10.0	29.2	2.45	35.0	3.23	40.9	3.99	43.8	4.36	49.6	5.10	55.5	5.82	61.3	6.53
		15.0	29.2	2.47	35.0	3.25	40.9	4.01	43.8	4.38	49.6	5.12	55.5	5.84	61.3	6.55
		20.0	29.2	2.50	35.0	3.28	40.9	4.04	43.8	4.41	49.6	5.16	55.5	5.89	61.3	6.60
		25.0	29.2	2.72	35.0	3.52	40.9	4.29	43.8	4.67	49.6	5.41	55.5	6.14	61.3	6.86
		30.0	29.2	4.18	35.0	4.94	40.9	5.67	43.8	6.02	49.6	6.70	55.5	7.35	61.3	7.96
		35.0	29.2	5.64	35.0	6.64	40.9	7.59	43.8	8.05	49.6	8.93	55.5	9.77	61.3	10.57
		40.0	29.2	6.99	35.0	8.20	40.9	9.35	43.8	9.90	49.6	10.96	55.5	11.97	61.3	12.93
		43.0	29.2	7.83	35.0	9.17	40.9	10.43	43.8	11.04	49.6	12.20	55.5	13.31	61.3	14.38
		46.0	29.2	8.49	35.0	9.86	40.9	11.19	43.8	11.85	49.6	13.13	55.5	14.39	61.3	15.61
		52.0	21.0	7.24	22.9	7.32	25.1	7.46	26.3	7.54	29.0	7.74	31.9	7.97	35.1	8.21

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	24.3	1.78	29.2	2.43	34.1	3.08	36.5	3.39	41.4	4.02	46.2	4.64	51.1	5.25
		-5.0	24.3	1.78	29.2	2.44	34.1	3.08	36.5	3.40	41.4	4.03	46.2	4.64	51.1	5.25
		0.0	24.3	1.79	29.2	2.44	34.1	3.08	36.5	3.40	41.4	4.03	46.2	4.65	51.1	5.26
		5.0	24.3	1.79	29.2	2.45	34.1	3.09	36.5	3.41	41.4	4.04	46.2	4.66	51.1	5.27
		10.0	24.3	1.80	29.2	2.46	34.1	3.10	36.5	3.42	41.4	4.05	46.2	4.67	51.1	5.28
		15.0	24.3	1.81	29.2	2.47	34.1	3.12	36.5	3.44	41.4	4.06	46.2	4.68	51.1	5.29
		20.0	24.3	1.84	29.2	2.49	34.1	3.14	36.5	3.46	41.4	4.09	46.2	4.70	51.1	5.31
		25.0	24.3	1.90	29.2	2.55	34.1	3.20	36.5	3.52	41.4	4.15	46.2	4.76	51.1	5.37
		30.0	24.3	3.13	29.2	3.61	34.1	3.96	36.5	4.18	41.4	4.67	46.2	5.19	51.1	5.73
		35.0	24.3	4.31	29.2	5.01	34.1	5.65	36.5	5.95	41.4	6.51	46.2	7.02	51.1	7.49
		40.0	24.3	5.44	29.2	6.31	34.1	7.11	36.5	7.49	41.4	8.20	46.2	8.84	51.1	9.44
		43.0	24.3	6.13	29.2	7.11	34.1	8.01	36.5	8.43	41.4	9.23	46.2	9.96	51.1	10.63
		46.0	24.3	6.83	29.2	7.80	34.1	8.71	36.5	9.15	41.4	9.98	46.2	10.77	51.1	11.51
		52.0	21.0	7.24	22.9	7.32	25.1	7.46	26.3	7.54	29.0	7.74	31.9	7.97	35.1	8.21

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	19.5	1.12	23.4	1.65	27.3	2.18	29.2	2.44	33.1	2.95	37.0	3.46	40.9	3.96
		-5.0	19.5	1.12	23.4	1.65	27.3	2.18	29.2	2.44	33.1	2.95	37.0	3.46	40.9	3.96
		0.0	19.5	1.13	23.4	1.66	27.3	2.18	29.2	2.44	33.1	2.96	37.0	3.47	40.9	3.97
		5.0	19.5	1.13	23.4	1.66	27.3	2.19	29.2	2.45	33.1	2.96	37.0	3.47	40.9	3.98
		10.0	19.5	1.14	23.4	1.67	27.3	2.20	29.2	2.46	33.1	2.97	37.0	3.48	40.9	3.99
		15.0	19.5	1.15	23.4	1.68	27.3	2.21	29.2	2.47	33.1	2.98	37.0	3.49	40.9	4.00
		20.0	19.5	1.16	23.4	1.70	27.3	2.22	29.2	2.48	33.1	3.00	37.0	3.51	40.9	4.02
		25.0	19.5	1.20	23.4	1.73	27.3	2.26	29.2	2.51	33.1	3.03	37.0	3.53	40.9	4.05
		30.0	19.5	1.62	23.4	1.98	27.3	2.42	29.2	2.65	33.1	3.13	37.0	3.66	40.9	4.22
		35.0	19.5	3.12	23.4	3.58	27.3	3.97	29.2	4.14	33.1	4.46	37.0	4.85	40.9	5.35
		40.0	19.5	4.02	23.4	4.61	27.3	5.12	29.2	5.36	33.1	5.78	37.0	6.14	40.9	6.45
		43.0	19.5	4.57	23.4	5.24	27.3	5.84	29.2	6.11	33.1	6.60	37.0	7.03	40.9	7.40
		46.0	19.5	5.36	23.4	6.01	27.3	6.59	29.2	6.86	33.1	7.36	37.0	7.81	40.9	8.20
		52.0	19.5	6.40	22.9	7.32	25.1	7.46	26.3	7.54	29.0	7.74	31.9	7.97	35.1	8.21

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	14.6	0.45	17.5	0.85	20.4	1.26	21.9	1.46	24.8	1.86	27.7	2.26	30.7	2.64
		-5.0	14.6	0.45	17.5	0.86	20.4	1.26	21.9	1.47	24.8	1.87	27.7	2.26	30.7	2.65
		0.0	14.6	0.45	17.5	0.86	20.4	1.27	21.9	1.47	24.8	1.87	27.7	2.27	30.7	2.65
		5.0	14.6	0.46	17.5	0.86	20.4	1.27	21.9	1.47	24.8	1.88	27.7	2.27	30.7	2.66
		10.0	14.6	0.46	17.5	0.87	20.4	1.28	21.9	1.48	24.8	1.89	27.7	2.28	30.7	2.67
		15.0	14.6	0.47	17.5	0.88	20.4	1.29	21.9	1.49	24.8	1.90	27.7	2.30	30.7	2.69
		20.0	14.6	0.48	17.5	0.89	20.4	1.30	21.9	1.51	24.8	1.92	27.7	2.32	30.7	2.71
		25.0	14.6	0.50	17.5	0.91	20.4	1.32	21.9	1.53	24.8	1.94	27.7	2.35	30.7	2.76
		30.0	14.6	0.57	17.5	0.96	20.4	1.37	21.9	1.60	24.8	2.08	27.7	2.55	30.7	3.00
		35.0	14.6	2.08	17.5	2.34	20.4	2.64	21.9	2.84	24.8	3.24	27.7	3.63	30.7	4.01
		40.0	14.6	2.74	17.5	3.09	20.4	3.39	21.9	3.51	24.8	3.72	27.7	3.88	30.7	4.01
		43.0	14.6	3.15	17.5	3.57	20.4	3.92	21.9	4.07	24.8	4.33	27.7	4.53	30.7	4.69
		46.0	14.6	4.06	17.5	4.46	20.4	4.79	21.9	4.94	24.8	5.20	27.7	5.42	30.7	5.58
		52.0	14.6	4.81	17.5	5.32	20.4	5.77	21.9	5.97	24.8	6.17	27.7	6.28	30.7	6.32

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-20. 26HP (Heating) U-10ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	100%	-24.9	-25.0	58.6	20.02	57.2	19.67	54.2	18.94	52.7	18.54	48.0	17.28	44.8	16.35	36.2	13.73
		-19.8	-20.0	61.5	20.44	60.0	20.08	56.9	19.31	55.3	18.90	50.5	17.60	47.1	16.64	38.1	13.94
		-14.7	-15.0	65.5	21.05	63.9	20.67	60.7	19.87	59.0	19.45	53.9	18.08	50.3	17.08	40.8	14.27
		-9.6	-10.0	71.0	21.95	69.3	21.55	65.8	20.68	64.1	20.22	58.5	18.76	54.7	17.70	44.3	14.72
		-4.4	-5.0	78.2	23.22	76.4	22.79	72.6	21.85	70.6	21.35	64.5	19.73	60.3	18.55	48.8	15.29
		-1.8	-2.5	82.5	23.70	80.6	23.27	76.6	22.33	74.5	21.82	68.1	20.18	63.5	18.98	51.3	15.58
		0.8	0.0	87.3	24.12	85.3	23.66	81.0	22.67	78.8	22.14	72.0	20.45	66.4	18.86	51.3	14.55
		2.8	2.0	92.5	24.48	90.3	23.99	84.5	22.38	81.5	21.53	72.4	19.02	66.4	17.40	51.3	13.48
		6.0	5.0	93.6	21.73	90.6	20.99	84.5	19.52	81.5	18.80	72.4	16.68	66.4	15.28	51.3	11.92
		7.0	6.0	93.6	20.67	90.6	19.97	84.5	18.59	81.5	17.90	72.4	15.90	66.4	14.59	51.3	11.42
		8.6	7.5	93.6	19.10	90.6	18.46	84.5	17.21	81.5	16.59	72.4	14.78	66.4	13.59	51.3	10.70
		11.2	10.0	93.6	16.62	90.6	16.09	84.5	15.06	81.5	14.55	72.4	13.03	66.4	12.04	51.3	9.59
		16.4	15.0	93.6	12.29	90.6	11.96	84.5	11.29	81.5	10.96	72.4	9.95	66.4	9.26	51.3	7.49
		24.0	18.0	93.6	10.26	90.6	9.97	84.5	9.38	81.5	9.08	72.4	8.20	66.4	7.61	51.3	6.14

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	58.6	20.02	57.2	19.67	54.2	18.94	52.7	18.54	48.0	17.28	44.8	16.35	36.2	13.73
		-19.8	-20.0	61.5	20.44	60.0	20.08	56.9	19.31	55.3	18.90	50.5	17.60	47.1	16.64	38.1	13.94
		-14.7	-15.0	65.5	21.05	63.9	20.67	60.7	19.87	59.0	19.45	53.9	18.08	50.3	17.08	40.8	14.27
		-9.6	-10.0	71.0	21.95	69.3	21.55	65.8	20.68	64.1	20.22	58.5	18.76	54.7	17.70	44.3	14.72
		-4.4	-5.0	78.2	23.22	76.4	22.79	72.6	21.85	70.6	21.35	64.5	19.73	59.8	18.55	46.2	13.88
		-1.8	-2.5	82.5	23.70	80.6	23.27	76.1	22.33	73.4	19.81	65.2	17.77	59.8	16.41	46.2	13.02
		0.8	0.0	84.2	20.69	81.5	20.08	76.1	18.86	73.4	18.25	65.2	16.42	59.8	15.20	46.2	12.11
		2.8	2.0	84.2	18.85	81.5	18.32	76.1	17.24	73.4	16.70	65.2	15.04	59.8	14.03	46.2	11.35
		6.0	5.0	84.2	16.35	81.5	15.97	76.1	15.18	73.4	14.77	65.2	13.50	59.8	12.54	46.2	10.08
		7.0	6.0	84.2	16.02	81.5	15.58	76.1	14.68	73.4	14.23	65.2	12.87	59.8	11.96	46.2	9.65
		8.6	7.5	84.2	14.72	81.5	14.32	76.1	13.53	73.4	13.13	65.2	11.93	59.8	11.12	46.2	9.04
		11.2	10.0	84.2	12.67	81.5	12.36	76.1	11.74	73.4	11.43	65.2	10.46	59.8	9.80	46.2	8.08
		16.4	15.0	84.2	9.35	81.5	9.08	76.1	8.63	73.4	8.44	65.2	7.85	59.8	7.43	46.2	6.24
		24.0	18.0	84.2	9.35	81.5	9.08	76.1	8.56	73.4	8.29	65.2	7.50	59.8	6.97	46.2	5.64

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	80%	-24.9	-25.0	58.6	20.02	57.2	19.67	54.2	18.94	52.7	18.54	48.0	17.28	44.8	16.35	36.2	13.73
		-19.8	-20.0	61.5	20.44	60.0	20.08	56.9	19.31	55.3	18.90	50.5	17.60	47.1	16.64	38.1	13.94
		-14.7	-15.0	65.5	21.05	63.9	20.67	60.7	19.87	59.0	19.45	53.9	18.08	50.3	17.08	40.8	14.27
		-9.6	-10.0	71.0	21.95	69.3	21.55	65.8	20.68	64.1	20.22	58.0	18.76	53.1	15.92	41.1	12.82
		-4.4	-5.0	74.9	18.43	72.4	17.98	67.6	17.07	65.2	16.60	58.0	15.16	53.1	14.16	41.1	11.54
		-1.8	-2.5	74.9	17.01	72.4	16.61	67.6	15.80	65.2	15.39	58.0	14.10	53.1	13.20	41.1	10.89
		0.8	0.0	74.9	15.52	72.4	15.14	67.6	14.51	65.2	14.18	58.0	13.11	53.1	12.34	41.1	10.21
		2.8	2.0	74.9	14.26	72.4	14.00	67.6	13.44	65.2	13.14	58.0	12.18	53.1	11.48	41.1	9.54
		6.0	5.0	74.9	12.58	72.4	12.37	67.6	11.91	65.2	11.66	58.0	10.85	53.1	10.22	41.1	8.47
		7.0	6.0	74.9	12.24	72.4	11.99	67.6	11.46	65.2	11.19	58.0	10.34	53.1	9.73	41.1	8.11
		8.6	7.5	74.9	11.17	72.4	10.96	67.6	10.51	65.2	10.28	58.0	9.55	53.1	9.03	41.1	7.59
		11.2	10.0	74.9	9.50	72.4	9.35	67.6	9.04	65.2	8.87	58.0	8.33	53.1	7.92	41.1	6.77
		16.4	15.0	74.9	8.44	72.4	8.20	67.6	7.73	65.2	7.50	58.0	6.79	53.1	6.32	41.1	5.19
		24.0	18.0	74.9	8.44	72.4	8.20	67.6	7.73	65.2	7.50	58.0	6.79	53.1	6.32	41.1	5.15

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	70%	-24.9	-25.0	58.6	20.02	57.2	19.67	54.2	18.94	52.7	18.54	48.0	17.28	44.8	16.35	35.9	13.73
		-19.8	-20.0	61.5	20.44	60.0	20.08	56.9	19.31	55.3	18.90	50.5	17.60	46.5	16.64	35.9	12.04
		-14.7	-15.0	65.5	21.05	63.4	17.40	59.2	16.63	57.1	16.24	50.7	14.97	46.5	14.07	35.9	11.50
		-9.6	-10.0	65.5	15.95	63.4	15.65	59.2	15.00	57.1	14.67	50.7	13.59	46.5	12.81	35.9	10.71
		-4.4	-5.0	65.5	13.92	63.4	13.71	59.2	13.25	57.1	13.00	50.7	12.15	46.5	11.52	35.9	9.69
		-1.8	-2.5	65.5	12.98	63.4	12.79	59.2	12.38	57.1	12.15	50.7	11.39	46.5	10.81	35.9	9.14
		0.8	0.0	65.5	11.98	63.4	11.82	59.2	11.46	57.1	11.26	50.7	10.58	46.5	10.07	35.9	8.55
		2.8	2.0	65.5	10.99	63.4	10.85	59.2	10.55	57.1	10.38	50.7	9.79	46.5	9.34	35.9	7.97
		6.0	5.0	65.5	9.58	63.4	9.48	59.2	9.26	57.1	9.13	50.7	8.65	46.5	8.26	35.9	7.07
		7.0	6.0	65.5	9.21	63.4	9.10	59.2	8.84	57.1	8.70	50.7	8.22	46.5	7.86	35.9	6.77
		8.6	7.5	65.5	8.35	63.4	8.27	59.2	8.07	57.1	7.96	50.7	7.58	46.5	7.27	35.9	6.33
		11.2	10.0	65.5	7.53	63.4	7.32	59.2	6.91	57.1	6.84	50.7	6.58	46.5	6.36	35.9	5.64

3. Part Load of Outdoor Unit

26HP (Heating) U-10ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	°CDB	°CWB	-24.9	-25.0	56.1	15.57	54.3	15.32	50.7	14.77	48.9	14.47	43.5	13.45	39.8	12.64
		°CDB	°CWB	-19.8	-20.0	56.1	14.65	54.3	14.42	50.7	13.92	48.9	13.66	43.5	12.78	39.8	12.12
		°CDB	°CWB	-14.7	-15.0	56.1	13.49	54.3	13.32	50.7	12.93	48.9	12.71	43.5	11.95	39.8	11.38
		°CDB	°CWB	-9.6	-10.0	56.1	12.28	54.3	12.14	50.7	11.81	48.9	11.62	43.5	10.97	39.8	10.46
		°CDB	°CWB	-4.4	-5.0	56.1	10.84	54.3	10.74	50.7	10.48	48.9	10.33	43.5	9.80	39.8	9.38
		°CDB	°CWB	-1.8	-2.5	56.1	10.05	54.3	9.96	50.7	9.75	48.9	9.62	43.5	9.16	39.8	8.78
		°CDB	°CWB	0.8	0.0	56.1	9.22	54.3	9.16	50.7	8.99	48.9	8.88	43.5	8.49	39.8	8.16
		°CDB	°CWB	2.8	2.0	56.1	8.40	54.3	8.36	50.7	8.23	48.9	8.15	43.5	7.83	39.8	7.54
		°CDB	°CWB	6.0	5.0	56.1	7.23	54.3	7.21	50.7	7.14	48.9	7.08	43.5	6.84	39.8	6.61
		°CDB	°CWB	7.0	6.0	56.1	6.85	54.3	6.83	50.7	6.75	48.9	6.70	43.5	6.48	39.8	6.28
		°CDB	°CWB	8.6	7.5	56.1	6.62	54.3	6.44	50.7	6.15	48.9	6.12	43.5	5.96	39.8	5.81
		°CDB	°CWB	11.2	10.0	56.1	6.62	54.3	6.44	50.7	6.09	48.9	5.91	43.5	5.38	39.8	5.09
		°CDB	°CWB	16.4	15.0	56.1	6.62	54.3	6.44	50.7	6.09	48.9	5.91	43.5	5.38	39.8	5.03
		°CDB	°CWB	24.0	18.0	56.1	6.62	54.3	6.44	50.7	6.09	48.9	5.91	43.5	5.38	39.8	5.03
100%	50%	°CDB	°CWB	-24.9	-25.0	46.8	12.00	45.3	11.86	42.3	11.56	40.8	11.39	36.2	10.78	33.2	10.29
		°CDB	°CWB	-19.8	-20.0	46.8	11.37	45.3	11.26	42.3	10.99	40.8	10.83	36.2	10.27	33.2	9.83
		°CDB	°CWB	-14.7	-15.0	46.8	10.55	45.3	10.46	42.3	10.23	40.8	10.10	36.2	9.61	33.2	9.21
		°CDB	°CWB	-9.6	-10.0	46.8	9.55	45.3	9.48	42.3	9.30	40.8	9.20	36.2	8.79	33.2	8.45
		°CDB	°CWB	-4.4	-5.0	46.8	8.38	45.3	8.34	42.3	8.22	40.8	8.14	36.2	7.82	33.2	7.55
		°CDB	°CWB	-1.8	-2.5	46.8	7.73	45.3	7.71	42.3	7.62	40.8	7.56	36.2	7.30	33.2	7.06
		°CDB	°CWB	0.8	0.0	46.8	7.05	45.3	7.05	42.3	6.99	40.8	6.95	36.2	6.75	33.2	6.55
		°CDB	°CWB	2.8	2.0	46.8	6.39	45.3	6.40	42.3	6.38	40.8	6.35	36.2	6.21	33.2	6.05
		°CDB	°CWB	6.0	5.0	46.8	5.70	45.3	5.56	42.3	5.43	40.8	5.42	36.2	5.34	33.2	5.24
		°CDB	°CWB	7.0	6.0	46.8	5.70	45.3	5.56	42.3	5.26	40.8	5.12	36.2	5.06	33.2	4.98
		°CDB	°CWB	8.6	7.5	46.8	5.70	45.3	5.56	42.3	5.26	40.8	5.12	36.2	4.67	33.2	4.62
		°CDB	°CWB	11.2	10.0	46.8	5.70	45.3	5.56	42.3	5.26	40.8	5.12	36.2	4.67	33.2	4.38
		°CDB	°CWB	16.4	15.0	46.8	5.70	45.3	5.56	42.3	5.26	40.8	5.12	36.2	4.67	33.2	4.38
		°CDB	°CWB	24.0	18.0	46.8	5.70	45.3	5.56	42.3	5.26	40.8	5.12	36.2	4.67	33.2	4.38
100%	40%	°CDB	°CWB	-24.9	-25.0	37.4	9.25	36.2	9.18	33.8	9.00	32.6	8.89	29.0	8.49	26.6	8.17
		°CDB	°CWB	-19.8	-20.0	37.4	8.75	36.2	8.69	33.8	8.54	32.6	8.45	29.0	8.09	26.6	7.79
		°CDB	°CWB	-14.7	-15.0	37.4	8.10	36.2	8.06	33.8	7.94	32.6	7.87	29.0	7.56	26.6	7.30
		°CDB	°CWB	-9.6	-10.0	37.4	7.31	36.2	7.29	33.8	7.21	32.6	7.15	29.0	6.91	26.6	6.69
		°CDB	°CWB	-4.4	-5.0	37.4	6.39	36.2	6.38	33.8	6.35	32.6	6.31	29.0	6.15	26.6	5.98
		°CDB	°CWB	-1.8	-2.5	37.4	5.88	36.2	5.89	33.8	5.88	32.6	5.86	29.0	5.73	26.6	5.59
		°CDB	°CWB	0.8	0.0	37.4	5.35	36.2	5.37	33.8	5.39	32.6	5.38	29.0	5.29	26.6	5.18
		°CDB	°CWB	2.8	2.0	37.4	4.79	36.2	4.82	33.8	4.85	32.6	4.85	29.0	4.81	26.6	4.73
		°CDB	°CWB	6.0	5.0	37.4	4.79	36.2	4.67	33.8	4.44	32.6	4.32	29.0	4.13	26.6	4.10
		°CDB	°CWB	7.0	6.0	37.4	4.79	36.2	4.67	33.8	4.44	32.6	4.32	29.0	3.97	26.6	3.91
		°CDB	°CWB	8.6	7.5	37.4	4.79	36.2	4.67	33.8	4.44	32.6	4.32	29.0	3.97	26.6	3.73
		°CDB	°CWB	11.2	10.0	37.4	4.79	36.2	4.67	33.8	4.44	32.6	4.32	29.0	3.97	26.6	3.73
		°CDB	°CWB	16.4	15.0	37.4	4.79	36.2	4.67	33.8	4.44	32.6	4.32	29.0	3.97	26.6	3.73
		°CDB	°CWB	24.0	18.0	37.4	4.79	36.2	4.67	33.8	4.44	32.6	4.32	29.0	3.97	26.6	3.73
100%	30%	°CDB	°CWB	-24.9	-25.0	28.1	6.88	27.2	6.84	25.4	6.75	24.5	6.68	21.7	6.44	19.9	6.22
		°CDB	°CWB	-19.8	-20.0	28.1	6.50	27.2	6.48	25.4	6.40	24.5	6.35	21.7	6.14	19.9	5.94
		°CDB	°CWB	-14.7	-15.0	28.1	6.02	27.2	6.01	25.4	5.96	24.5	5.92	21.7	5.74	19.9	5.58
		°CDB	°CWB	-9.6	-10.0	28.1	5.44	27.2	5.44	25.4	5.41	24.5	5.38	21.7	5.25	19.9	5.12
		°CDB	°CWB	-4.4	-5.0	28.1	4.72	27.2	4.74	25.4	4.74	24.5	4.74	21.7	4.66	19.9	4.57
		°CDB	°CWB	-1.8	-2.5	28.1	4.30	27.2	4.33	25.4	4.36	24.5	4.36	21.7	4.32	19.9	4.25
		°CDB	°CWB	0.8	0.0	28.1	3.88	27.2	3.91	25.4	3.96	24.5	3.97	21.7	3.97	19.9	3.93
		°CDB	°CWB	2.8	2.0	28.1	3.88	27.2	3.79	25.4	3.62	24.5	3.60	21.7	3.62	19.9	3.61
		°CDB	°CWB	6.0	5.0	28.1	3.88	27.2	3.79	25.4	3.62	24.5	3.53	21.7	3.26	19.9	3.17
		°CDB	°CWB	7.0	6.0	28.1	3.88	27.2	3.79	25.4	3.62	24.5	3.53	21.7	3.26	19.9	3.09
		°CDB	°CWB	8.6	7.5	28.1	3.88	27.2	3.79	25.4	3.62	24.5	3.53	21.7	3.26	19.9	3.09
		°CDB	°CWB	11.2	10.0	28.1	3.88	27.2	3.79	25.4	3.62	24.5	3.53	21.7	3.26	19.9	3.09
		°CDB	°CWB	16.4	15.0	28.1	3.88	27.2	3.79	25.4	3.62	24.5	3.53	21.7	3.26	19.9	3.09
		°CDB	°CWB	24.0	18.0	28.1	3.88	27.2	3.79	25.4	3.62	24.5	3.53	21.7	3.26	19.9	3.09

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-21. 28HP (Cooling) U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	52.3	5.87	62.8	7.04	73.3	8.22	78.5	8.80	89.0	9.98	99.4	11.15	109.9	12.33
		-5.0	52.3	5.88	62.8	7.05	73.3	8.23	78.5	8.82	89.0	9.99	99.4	11.16	109.9	12.34
		0.0	52.3	5.89	62.8	7.07	73.3	8.24	78.5	8.83	89.0	10.00	99.4	11.19	109.9	12.37
		5.0	52.3	5.91	62.8	7.08	73.3	8.26	78.5	8.86	89.0	10.06	99.4	11.28	109.9	12.47
		10.0	52.3	5.92	62.8	7.13	73.3	8.35	78.5	8.98	89.0	10.23	99.4	11.51	109.9	12.73
		15.0	52.3	6.05	62.8	7.36	73.3	8.69	78.5	9.37	89.0	10.73	99.4	12.10	109.9	13.37
		20.0	52.3	6.79	62.8	8.30	73.3	10.04	78.5	10.98	89.0	13.01	99.4	15.23	109.9	17.64
		25.0	52.3	8.68	62.8	10.72	73.3	12.96	78.5	14.16	89.0	16.70	99.4	19.44	109.9	22.39
		30.0	52.3	10.88	62.8	13.41	73.3	16.16	78.5	17.61	89.0	20.68	99.4	23.96	109.9	27.48
		35.0	52.3	13.24	62.8	16.30	73.3	19.58	78.5	21.32	89.0	24.96	99.4	28.85	105.1	29.82
		40.0	52.3	15.78	62.8	19.40	73.3	23.28	78.5	25.32	89.0	29.59	93.1	29.81	97.1	29.82
		43.0	52.3	17.40	62.8	21.38	73.3	25.64	78.5	27.88	84.9	29.82	89.0	29.82	90.9	28.34
		46.0	51.8	18.91	62.2	23.25	66.0	23.65	66.7	23.02	68.5	21.96	70.8	21.13	73.5	20.48
		52.0	22.6	8.10	24.6	8.19	27.0	8.34	28.3	8.44	31.1	8.66	34.3	8.90	37.8	9.17

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	47.1	4.74	56.5	5.94	65.9	7.12	70.7	7.70	80.1	8.84	89.5	9.94	98.9	11.03
		-5.0	47.1	4.74	56.5	5.95	65.9	7.13	70.7	7.71	80.1	8.85	89.5	9.96	98.9	11.04
		0.0	47.1	4.76	56.5	5.97	65.9	7.15	70.7	7.72	80.1	8.86	89.5	9.97	98.9	11.05
		5.0	47.1	4.77	56.5	5.98	65.9	7.16	70.7	7.74	80.1	8.88	89.5	10.00	98.9	11.11
		10.0	47.1	4.79	56.5	6.00	65.9	7.20	70.7	7.79	80.1	8.96	89.5	10.12	98.9	11.25
		15.0	47.1	4.85	56.5	6.12	65.9	7.38	70.7	8.01	80.1	9.24	89.5	10.44	98.9	11.63
		20.0	47.1	5.30	56.5	6.72	65.9	8.10	70.7	8.78	80.1	10.09	89.5	11.60	98.9	13.20
		25.0	47.1	7.03	56.5	8.69	65.9	10.42	70.7	11.30	80.1	13.11	89.5	14.96	98.9	16.87
		30.0	47.1	9.06	56.5	11.08	65.9	13.13	70.7	14.17	80.1	16.28	89.5	18.44	98.9	20.65
		35.0	47.1	11.60	56.5	14.04	65.9	16.51	70.7	17.75	80.1	20.28	89.5	22.87	98.9	25.56
		40.0	47.1	13.85	56.5	16.65	65.9	19.47	70.7	20.90	80.1	23.81	89.5	26.85	97.1	29.82
		43.0	47.1	15.23	56.5	18.26	65.9	21.32	70.7	22.87	80.1	26.07	89.0	29.82	90.9	28.34
		46.0	47.1	16.31	56.5	19.79	65.9	23.44	66.7	23.02	68.5	21.96	70.8	21.13	73.5	20.48
		52.0	22.6	8.10	24.6	8.19	27.0	8.34	28.3	8.44	31.1	8.66	34.3	8.90	37.8	9.17

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	41.9	4.06	50.2	5.15	58.6	6.22	62.8	6.75	71.2	8.01	79.5	8.79	87.9	9.78
		-5.0	41.9	4.07	50.2	5.16	58.6	6.23	62.8	6.75	71.2	8.02	79.5	8.80	87.9	9.79
		0.0	41.9	4.07	50.2	5.17	58.6	6.24	62.8	6.77	71.2	8.03	79.5	8.82	87.9	9.81
		5.0	41.9	4.09	50.2	5.18	58.6	6.26	62.8	6.78	71.2	8.05	79.5	8.83	87.9	9.82
		10.0	41.9	4.11	50.2	5.20	58.6	6.27	62.8	6.80	71.2	8.07	79.5	8.87	87.9	9.88
		15.0	41.9	4.13	50.2	5.24	58.6	6.34	62.8	6.89	71.2	8.18	79.5	9.03	87.9	10.07
		20.0	41.9	4.33	50.2	5.53	58.6	6.71	62.8	7.29	71.2	8.60	79.5	9.52	87.9	10.58
		25.0	41.9	5.70	50.2	6.96	58.6	8.24	62.8	8.89	71.2	10.30	79.5	11.53	87.9	12.87
		30.0	41.9	7.48	50.2	9.05	58.6	10.62	62.8	11.41	71.2	13.10	79.5	14.58	87.9	16.17
		35.0	41.9	9.71	50.2	11.65	58.6	13.57	62.8	14.53	71.2	16.10	79.5	18.35	87.9	20.27
		40.0	41.9	11.70	50.2	13.95	58.6	16.17	62.8	17.27	71.2	19.31	79.5	21.69	87.9	23.93
		43.0	41.9	12.93	50.2	15.37	58.6	17.78	62.8	18.98	71.2	21.39	79.5	23.81	87.9	26.29
		46.0	41.9	13.80	50.2	16.50	58.6	19.28	62.8	20.70	68.5	21.96	70.8	21.13	73.5	20.48
		52.0	22.6	8.10	24.6	8.19	27.0	8.34	28.3	8.44	31.1	8.66	34.3	8.90	37.8	9.17

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	36.6	3.37	44.0	4.34	51.3	5.30	55.0	5.77	62.3	6.70	69.6	7.85	76.9	8.50
		-5.0	36.6	3.37	44.0	4.35	51.3	5.31	55.0	5.78	62.3	6.70	69.6	7.86	76.9	8.51
		0.0	36.6	3.38	44.0	4.36	51.3	5.31	55.0	5.79	62.3	6.71	69.6	7.87	76.9	8.52
		5.0	36.6	3.39	44.0	4.37	51.3	5.33	55.0	5.80	62.3	6.73	69.6	7.88	76.9	8.53
		10.0	36.6	3.41	44.0	4.39	51.3	5.35	55.0	5.82	62.3	6.75	69.6	7.89	76.9	8.55
		15.0	36.6	3.43	44.0	4.41	51.3	5.37	55.0	5.84	62.3	6.78	69.6	7.94	76.9	8.61
		20.0	36.6	3.50	44.0	4.52	51.3	5.51	55.0	6.01	62.3	6.98	69.6	8.14	76.9	8.85
		25.0	36.6	4.29	44.0	5.34	51.3	6.34	55.0	6.83	62.3	7.79	69.6	8.88	76.9	9.61
		30.0	36.6	6.03	44.0	7.21	51.3	8.36	55.0	8.93	62.3	10.06	69.6	11.25	76.9	12.26
		35.0	36.6	7.96	44.0	9.45	51.3	10.90	55.0	11.62	62.3	13.02	69.6	14.00	76.9	15.74
		40.0	36.6	9.70	44.0	11.46	51.3	13.17	55.0	14.00	62.3	15.64	69.6	16.92	76.9	18.80
		43.0	36.6	10.77	44.0	12.70	51.3	14.56	55.0	15.47	62.3	17.26	69.6	18.80	76.9	20.72
		46.0	36.6	11.52	44.0	13.58	51.3	15.64	55.0	16.67	62.3	18.74	69.6	20.06	73.5	20.48
		52.0	22.6	8.10	24.6	8.19	27.0	8.34	28.3	8.44	31.1	8.66	34.3	8.90	37.8	9.17

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

28HP (Cooling) U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	31.4	2.67	37.7	3.52	44.0	4.35	47.1	4.77	53.4	5.58	59.7	6.38	65.9	7.16
		-5.0	31.4	2.67	37.7	3.52	44.0	4.36	47.1	4.77	53.4	5.59	59.7	6.39	65.9	7.17
		0.0	31.4	2.68	37.7	3.53	44.0	4.37	47.1	4.78	53.4	5.59	59.7	6.39	65.9	7.18
		5.0	31.4	2.69	37.7	3.54	44.0	4.38	47.1	4.79	53.4	5.61	59.7	6.41	65.9	7.19
		10.0	31.4	2.70	37.7	3.55	44.0	4.39	47.1	4.80	53.4	5.62	59.7	6.42	65.9	7.21
		15.0	31.4	2.72	37.7	3.57	44.0	4.41	47.1	4.83	53.4	5.64	59.7	6.44	65.9	7.22
		20.0	31.4	2.75	37.7	3.60	44.0	4.45	47.1	4.87	53.4	5.69	59.7	6.50	65.9	7.30
		25.0	31.4	3.05	37.7	3.93	44.0	4.78	47.1	5.20	53.4	6.03	59.7	6.83	65.9	7.62
		30.0	31.4	4.73	37.7	5.57	44.0	6.37	47.1	6.76	53.4	7.51	59.7	8.22	65.9	8.90
		35.0	31.4	6.35	37.7	7.45	44.0	8.50	47.1	9.00	53.4	9.97	59.7	10.90	65.9	11.78
		40.0	31.4	7.84	37.7	9.17	44.0	10.44	47.1	11.04	53.4	12.21	59.7	13.32	65.9	14.38
		43.0	31.4	8.76	37.7	10.23	44.0	11.62	47.1	12.29	53.4	13.58	59.7	14.81	65.9	15.98
		46.0	31.4	9.48	37.7	10.99	44.0	12.46	47.1	13.19	53.4	14.60	59.7	15.99	65.9	17.34
		52.0	22.6	8.10	24.6	8.19	27.0	8.34	28.3	8.44	31.1	8.66	34.3	8.90	37.8	9.17

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	26.2	1.95	31.4	2.67	36.6	3.39	39.3	3.74	44.5	4.43	49.7	5.11	55.0	5.78
		-5.0	26.2	1.96	31.4	2.68	36.6	3.39	39.3	3.74	44.5	4.44	49.7	5.12	55.0	5.79
		0.0	26.2	1.96	31.4	2.68	36.6	3.40	39.3	3.75	44.5	4.44	49.7	5.12	55.0	5.80
		5.0	26.2	1.97	31.4	2.69	36.6	3.40	39.3	3.76	44.5	4.45	49.7	5.13	55.0	5.80
		10.0	26.2	1.98	31.4	2.70	36.6	3.41	39.3	3.77	44.5	4.46	49.7	5.14	55.0	5.82
		15.0	26.2	1.99	31.4	2.72	36.6	3.43	39.3	3.78	44.5	4.48	49.7	5.16	55.0	5.83
		20.0	26.2	2.02	31.4	2.74	36.6	3.46	39.3	3.81	44.5	4.50	49.7	5.18	55.0	5.85
		25.0	26.2	2.09	31.4	2.82	36.6	3.54	39.3	3.89	44.5	4.59	49.7	5.27	55.0	5.94
		30.0	26.2	3.58	31.4	4.10	36.6	4.47	39.3	4.70	44.5	5.23	49.7	5.80	55.0	6.39
		35.0	26.2	4.88	31.4	5.65	36.6	6.36	39.3	6.69	44.5	7.30	49.7	7.87	55.0	8.38
		40.0	26.2	6.12	31.4	7.09	36.6	7.97	39.3	8.38	44.5	9.16	49.7	9.87	55.0	10.53
		43.0	26.2	6.89	31.4	7.97	36.6	8.96	39.3	9.42	44.5	10.30	49.7	11.11	55.0	11.85
		46.0	26.2	7.65	31.4	8.72	36.6	9.73	39.3	10.21	44.5	11.13	49.7	12.00	55.0	12.81
		52.0	22.6	8.10	24.6	8.19	27.0	8.34	28.3	8.44	31.1	8.66	34.3	8.90	37.8	9.17

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	20.9	1.23	25.1	1.81	29.3	2.39	31.4	2.68	35.6	3.25	39.8	3.81	44.0	4.36
		-5.0	20.9	1.23	25.1	1.82	29.3	2.40	31.4	2.68	35.6	3.25	39.8	3.81	44.0	4.37
		0.0	20.9	1.23	25.1	1.82	29.3	2.40	31.4	2.69	35.6	3.26	39.8	3.82	44.0	4.37
		5.0	20.9	1.24	25.1	1.83	29.3	2.41	31.4	2.69	35.6	3.26	39.8	3.83	44.0	4.38
		10.0	20.9	1.24	25.1	1.83	29.3	2.42	31.4	2.70	35.6	3.27	39.8	3.83	44.0	4.39
		15.0	20.9	1.26	25.1	1.85	29.3	2.43	31.4	2.71	35.6	3.28	39.8	3.85	44.0	4.41
		20.0	20.9	1.27	25.1	1.86	29.3	2.45	31.4	2.73	35.6	3.30	39.8	3.87	44.0	4.43
		25.0	20.9	1.31	25.1	1.90	29.3	2.48	31.4	2.76	35.6	3.33	39.8	3.89	44.0	4.46
		30.0	20.9	1.85	25.1	2.22	29.3	2.70	31.4	2.95	35.6	3.47	39.8	4.06	44.0	4.69
		35.0	20.9	3.58	25.1	4.07	29.3	4.50	31.4	4.70	35.6	5.04	39.8	5.47	44.0	6.02
		40.0	20.9	4.56	25.1	5.21	29.3	5.78	31.4	6.03	35.6	6.50	39.8	6.90	44.0	7.24
		43.0	20.9	5.17	25.1	5.91	29.3	6.56	31.4	6.86	35.6	7.40	39.8	7.87	44.0	8.28
		46.0	20.9	6.03	25.1	6.74	29.3	7.38	31.4	7.68	35.6	8.23	39.8	8.73	44.0	9.16
		52.0	20.9	7.17	24.6	8.19	27.0	8.34	28.3	8.44	31.1	8.66	34.3	8.90	37.8	9.17

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	15.7	0.48	18.8	0.93	22.0	1.38	23.6	1.60	26.7	2.05	29.8	2.48	33.0	2.91
		-5.0	15.7	0.49	18.8	0.94	22.0	1.38	23.6	1.61	26.7	2.05	29.8	2.49	33.0	2.91
		0.0	15.7	0.49	18.8	0.94	22.0	1.39	23.6	1.61	26.7	2.06	29.8	2.49	33.0	2.92
		5.0	15.7	0.49	18.8	0.94	22.0	1.39	23.6	1.62	26.7	2.06	29.8	2.50	33.0	2.93
		10.0	15.7	0.50	18.8	0.95	22.0	1.40	23.6	1.63	26.7	2.07	29.8	2.51	33.0	2.94
		15.0	15.7	0.51	18.8	0.96	22.0	1.41	23.6	1.64	26.7	2.09	29.8	2.53	33.0	2.96
		20.0	15.7	0.52	18.8	0.97	22.0	1.42	23.6	1.65	26.7	2.11	29.8	2.55	33.0	2.98
		25.0	15.7	0.55	18.8	0.99	22.0	1.45	23.6	1.68	26.7	2.13	29.8	2.59	33.0	3.06
		30.0	15.7	0.63	18.8	1.04	22.0	1.51	23.6	1.78	26.7	2.32	29.8	2.85	33.0	3.36
		35.0	15.7	2.42	18.8	2.71	22.0	3.04	23.6	3.26	26.7	3.70	29.8	4.13	33.0	4.55
		40.0	15.7	3.15	18.8	3.54	22.0	3.86	23.6	4.00	26.7	4.23	29.8	4.41	33.0	4.55
		43.0	15.7	3.60	18.8	4.07	22.0	4.45	23.6	4.62	26.7	4.90	29.8	5.12	33.0	5.30
		46.0	15.7	4.59	18.8	5.03	22.0	5.40	23.6	5.56	26.7	5.85	29.8	6.09	33.0	6.27
		52.0	15.7	5.41	18.8	5.98	22.0	6.48	23.6	6.70	26.7	6.92	29.8	7.03	33.0	7.08

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-22. 28HP (Heating) U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
				kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	100%	-24.9	-25.0	61.7	20.97	60.1	20.60	56.9	19.82	55.3	19.40	50.3	18.06	46.8	17.08	37.6	14.30
		-19.8	-20.0	64.7	21.45	63.1	21.06	59.8	20.24	58.1	19.81	52.8	18.41	49.2	17.40	39.6	14.54
		-14.7	-15.0	69.1	22.16	67.4	21.75	63.9	20.88	62.1	20.42	56.5	18.95	52.7	17.89	42.5	14.90
		-9.6	-10.0	75.0	23.26	73.2	22.81	69.4	21.81	67.4	21.26	61.4	19.71	57.3	18.57	46.2	15.39
		-4.4	-5.0	82.6	24.25	80.6	23.81	76.5	22.87	74.3	22.36	67.7	20.70	63.1	19.49	50.9	16.07
		-1.8	-2.5	87.2	24.66	85.0	24.20	80.6	23.22	78.4	22.69	71.4	21.00	66.5	19.75	53.7	16.29
		0.8	0.0	92.2	25.04	90.0	24.56	85.3	23.53	82.9	22.98	75.6	21.23	70.5	19.96	55.1	15.72
		2.8	2.0	97.7	25.42	95.3	24.92	90.5	23.87	87.5	23.11	77.8	20.47	71.3	18.75	55.1	14.56
		6.0	5.0	100.5	23.23	97.2	22.46	90.7	20.93	87.5	20.17	77.8	17.94	71.3	16.45	55.1	12.86
		7.0	6.0	100.5	22.10	97.2	21.37	90.7	19.93	87.5	19.20	77.8	17.09	71.3	15.71	55.1	12.33
		8.6	7.5	100.5	20.41	97.2	19.75	90.7	18.45	87.5	17.80	77.8	15.90	71.3	14.64	55.1	11.55
		11.2	10.0	100.5	17.78	97.2	17.24	90.7	16.16	87.5	15.63	77.8	14.04	71.3	12.98	55.1	10.34
		16.4	15.0	100.5	13.19	97.2	12.84	90.7	12.14	87.5	11.78	77.8	10.69	71.3	9.95	55.1	8.03
		24.0	18.0	100.5	11.18	97.2	10.85	90.7	10.20	87.5	9.87	77.8	8.90	71.3	8.24	55.1	6.61

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	61.7	20.97	60.1	20.60	56.9	19.82	55.3	19.40	50.3	18.06	46.8	17.08	37.6	14.30
		-19.8	-20.0	64.7	21.45	63.1	21.06	59.8	20.24	58.1	19.81	52.8	18.41	49.2	17.40	39.6	14.54
		-14.7	-15.0	69.1	22.16	67.4	21.75	63.9	20.88	62.1	20.42	56.5	18.95	52.7	17.89	42.5	14.90
		-9.6	-10.0	75.0	23.26	73.2	22.81	69.4	21.81	67.4	21.26	61.4	19.71	57.3	18.57	46.2	15.39
		-4.4	-5.0	82.6	24.25	80.6	23.81	76.5	22.87	74.3	22.36	67.7	20.70	63.1	19.49	49.6	15.02
		-1.8	-2.5	87.2	24.66	85.0	24.20	80.6	23.22	78.4	22.69	70.0	19.15	64.2	17.71	49.6	14.08
		0.8	0.0	90.4	22.17	87.5	21.54	81.7	20.26	78.8	19.63	70.0	17.70	64.2	16.40	49.6	13.09
		2.8	2.0	90.4	20.19	87.5	19.63	81.7	18.51	78.8	17.95	70.0	16.23	64.2	15.09	49.6	12.21
		6.0	5.0	90.4	17.49	87.5	17.10	81.7	16.26	78.8	15.83	70.0	14.47	64.2	13.48	49.6	10.85
		7.0	6.0	90.4	17.07	87.5	16.61	81.7	15.69	78.8	15.22	70.0	13.81	64.2	12.85	49.6	10.39
		8.6	7.5	90.4	15.68	87.5	15.28	81.7	14.46	78.8	14.05	70.0	12.80	64.2	11.94	49.6	9.72
		11.2	10.0	90.4	13.50	87.5	13.19	81.7	12.55	78.8	12.23	70.0	11.23	64.2	10.53	49.6	8.68
		16.4	15.0	90.4	10.17	87.5	9.87	81.7	9.29	78.8	9.01	70.0	8.39	64.2	7.93	49.6	6.65
		24.0	18.0	90.4	10.17	87.5	9.87	81.7	9.29	78.8	8.99	70.0	8.11	64.2	7.53	49.6	6.06

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI
100%	80%	-24.9	-25.0	61.7	20.97	60.1	20.60	56.9	19.82	55.3	19.40	50.3	18.06	46.8	17.08	37.6	14.30
		-19.8	-20.0	64.7	21.45	63.1	21.06	59.8	20.24	58.1	19.81	52.8	18.41	49.2	17.40	39.6	14.54
		-14.7	-15.0	69.1	22.16	67.4	21.75	63.9	20.88	62.1	20.42	56.5	18.95	52.7	17.89	42.5	14.90
		-9.6	-10.0	75.0	23.26	73.2	22.81	69.4	21.81	67.4	21.26	61.4	19.71	57.0	18.57	44.1	13.91
		-4.4	-5.0	80.4	19.79	77.8	19.33	72.6	18.38	70.0	17.89	62.2	16.36	57.0	15.30	44.1	12.48
		-1.8	-2.5	80.4	18.25	77.8	17.85	72.6	17.00	70.0	16.57	62.2	15.21	57.0	14.25	44.1	11.75
		0.8	0.0	80.4	16.58	77.8	16.27	72.6	15.61	70.0	15.25	62.2	14.11	57.0	13.29	44.1	11.00
		2.8	2.0	80.4	15.29	77.8	15.01	72.6	14.42	70.0	14.11	62.2	13.09	57.0	12.34	44.1	10.25
		6.0	5.0	80.4	13.44	77.8	13.22	72.6	12.74	70.0	12.48	62.2	11.61	57.0	10.95	44.1	9.09
		7.0	6.0	80.4	12.99	77.8	12.74	72.6	12.21	70.0	11.93	62.2	11.05	57.0	10.42	44.1	8.70
		8.6	7.5	80.4	11.85	77.8	11.64	72.6	11.19	70.0	10.96	62.2	10.21	57.0	9.66	44.1	8.13
		11.2	10.0	80.4	10.07	77.8	9.93	72.6	9.62	70.0	9.45	62.2	8.89	57.0	8.47	44.1	7.24
		16.4	15.0	80.4	9.16	77.8	8.90	72.6	8.37	70.0	8.11	62.2	7.33	57.0	6.81	44.1	5.51
		24.0	18.0	80.4	9.16	77.8	8.90	72.6	8.37	70.0	8.11	62.2	7.33	57.0	6.81	44.1	5.51

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	70%	-24.9	-25.0	61.7	20.97	60.1	20.60	56.9	19.82	55.3	19.40	50.3	18.06	46.8	17.08	37.6	14.30
		-19.8	-20.0	64.7	21.45	63.1	21.06	59.8	20.24	58.1	19.81	52.8	18.41	49.2	17.40	38.6	13.07
		-14.7	-15.0	69.1	22.16	67.4	21.75	63.5	17.97	61.3	17.55	54.4	16.21	49.9	15.24	38.6	12.50
		-9.6	-10.0	70.3	17.18	68.1	16.86	63.5	16.19	61.3	15.84	54.4	14.69	49.9	13.85	38.6	11.59
		-4.4	-5.0	70.3	15.02	68.1	14.80	63.5	14.31	61.3	14.03	54.4	13.13	49.9	12.44	38.6	10.46
		-1.8	-2.5	70.3	13.97	68.1	13.77	63.5	13.33	61.3	13.10	54.4	12.28	49.9	11.66	38.6	9.85
		0.8	0.0	70.3	12.87	68.1	12.70	63.5	12.32	61.3	12.11	54.4	11.39	49.9	10.84	38.6	9.20
		2.8	2.0	70.3	11.77	68.1	11.63	63.5	11.32	61.3	11.14	54.4	10.52	49.9	10.03	38.6	8.55
		6.0	5.0	70.3	10.21	68.1	10.11	63.5	9.88	61.3	9.74	54.4	9.23	49.9	8.82	38.6	7.53
		7.0	6.0	70.3	9.73	68.1	9.62	63.5	9.38	61.3	9.24	54.4	8.76	49.9	8.38	38.6	7.23
		8.6	7.5	70.3	8.82	68.1	8.74	63.5	8.55	61.3	8.45	54.4	8.06	49.9	7.75	38.6	6.75
		11.2	10.0	70.3	8.15	68.1	7.92	63.5	7.46	61.3	7.24	54.4	6.99	49.9	6.76	38.6	6.00
		16.4	15.0	70.3	8.15	68.1	7.92	63.5	7.46	61.3	7.23	54.4	6.55	49.9	6.09	38.6	4.95
		24.0	18.0	70.3	8.15	68.1	7.92	63.5	7.46	61.3	7.23	54.4	6.55	49.9	6.09	38.6	4.95

3. Part Load of Outdoor Unit

28HP (Heating) U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	60%	-24.9	-25.0	60.3	16.84	58.3	16.57	54.4	15.99	52.5	15.67	46.7	14.60	42.8	13.75	33.1	11.30
		-19.8	-20.0	60.3	15.83	58.3	15.59	54.4	15.07	52.5	14.78	46.7	13.87	42.8	13.17	33.1	10.96
		-14.7	-15.0	60.3	14.65	58.3	14.46	54.4	14.04	52.5	13.80	46.7	12.98	42.8	12.35	33.1	10.47
		-9.6	-10.0	60.3	13.30	58.3	13.14	54.4	12.79	52.5	12.59	46.7	11.88	42.8	11.33	33.1	9.66
		-4.4	-5.0	60.3	11.70	58.3	11.59	54.4	11.31	52.5	11.15	46.7	10.58	42.8	10.12	33.1	8.70
		-1.8	-2.5	60.3	10.82	58.3	10.73	54.4	10.50	52.5	10.36	46.7	9.87	42.8	9.46	33.1	8.18
		0.8	0.0	60.3	9.90	58.3	9.83	54.4	9.65	52.5	9.54	46.7	9.12	42.8	8.77	33.1	7.63
		2.8	2.0	60.3	8.99	58.3	8.95	54.4	8.82	52.5	8.73	46.7	8.39	42.8	8.09	33.1	7.08
		6.0	5.0	60.3	7.69	58.3	7.66	54.4	7.57	52.5	7.51	46.7	7.26	42.8	7.03	33.1	6.11
		7.0	6.0	60.3	7.20	58.3	7.19	54.4	7.12	52.5	7.08	46.7	6.87	42.8	6.67	33.1	5.96
		8.6	7.5	60.3	7.14	58.3	6.94	54.4	6.55	52.5	6.46	46.7	6.31	42.8	6.16	33.1	5.56
		11.2	10.0	60.3	7.14	58.3	6.94	54.4	6.55	52.5	6.35	46.7	5.77	42.8	5.38	33.1	4.94
		16.4	15.0	60.3	7.14	58.3	6.94	54.4	6.55	52.5	6.35	46.7	5.77	42.8	5.38	33.1	4.40
		24.0	18.0	60.3	7.14	58.3	6.94	54.4	6.55	52.5	6.35	46.7	5.77	42.8	5.38	33.1	4.40

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	50%	-24.9	-25.0	50.2	13.04	48.6	12.90	45.4	12.57	43.8	12.38	38.9	11.72	35.6	11.18	27.5	9.38
		-19.8	-20.0	50.2	12.35	48.6	12.23	45.4	11.93	43.8	11.76	38.9	11.15	35.6	10.66	27.5	9.13
		-14.7	-15.0	50.2	11.44	48.6	11.34	45.4	11.09	43.8	10.95	38.9	10.41	35.6	9.97	27.5	8.61
		-9.6	-10.0	50.2	10.32	48.6	10.25	45.4	10.06	43.8	9.94	38.9	9.50	35.6	9.13	27.5	7.93
		-4.4	-5.0	50.2	9.02	48.6	8.98	45.4	8.85	43.8	8.76	38.9	8.43	35.6	8.13	27.5	7.14
		-1.8	-2.5	50.2	8.30	48.6	8.28	45.4	8.19	43.8	8.12	38.9	7.84	35.6	7.59	27.5	6.70
		0.8	0.0	50.2	7.55	48.6	7.55	45.4	7.50	43.8	7.45	38.9	7.24	35.6	7.03	27.5	6.25
		2.8	2.0	50.2	6.82	48.6	6.83	45.4	6.82	43.8	6.79	38.9	6.62	35.6	6.44	27.5	5.77
		6.0	5.0	50.2	6.13	48.6	5.96	45.4	5.71	43.8	5.71	38.9	5.64	35.6	5.54	27.5	5.03
		7.0	6.0	50.2	6.13	48.6	5.96	45.4	5.64	43.8	5.47	38.9	5.34	35.6	5.26	27.5	4.85
		8.6	7.5	50.2	6.13	48.6	5.96	45.4	5.64	43.8	5.47	38.9	4.98	35.6	4.86	27.5	4.54
		11.2	10.0	50.2	6.13	48.6	5.96	45.4	5.64	43.8	5.47	38.9	4.98	35.6	4.66	27.5	4.04
		16.4	15.0	50.2	6.13	48.6	5.96	45.4	5.64	43.8	5.47	38.9	4.98	35.6	4.66	27.5	3.84
		24.0	18.0	50.2	6.13	48.6	5.96	45.4	5.64	43.8	5.47	38.9	4.98	35.6	4.66	27.5	3.84

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	40%	-24.9	-25.0	40.2	10.02	38.9	9.95	36.3	9.75	35.0	9.63	31.1	9.20	28.5	8.83	22.0	7.61
		-19.8	-20.0	40.2	9.47	38.9	9.41	36.3	9.24	35.0	9.14	31.1	8.75	28.5	8.42	22.0	7.34
		-14.7	-15.0	40.2	8.75	38.9	8.70	36.3	8.58	35.0	8.49	31.1	8.16	28.5	7.87	22.0	6.90
		-9.6	-10.0	40.2	7.87	38.9	7.85	36.3	7.76	35.0	7.70	31.1	7.44	28.5	7.20	22.0	6.37
		-4.4	-5.0	40.2	6.84	38.9	6.84	36.3	6.80	35.0	6.77	31.1	6.59	28.5	6.41	22.0	5.74
		-1.8	-2.5	40.2	6.28	38.9	6.29	36.3	6.28	35.0	6.26	31.1	6.13	28.5	5.97	22.0	5.37
		0.8	0.0	40.2	5.65	38.9	5.67	36.3	5.69	35.0	5.68	31.1	5.59	28.5	5.48	22.0	4.99
		2.8	2.0	40.2	5.11	38.9	5.04	36.3	5.08	35.0	5.09	31.1	5.06	28.5	4.99	22.0	4.60
		6.0	5.0	40.2	5.11	38.9	4.98	36.3	4.72	35.0	4.59	31.1	4.33	28.5	4.30	22.0	4.05
		7.0	6.0	40.2	5.11	38.9	4.98	36.3	4.72	35.0	4.59	31.1	4.20	28.5	4.09	22.0	3.90
		8.6	7.5	40.2	5.11	38.9	4.98	36.3	4.72	35.0	4.59	31.1	4.20	28.5	3.94	22.0	3.65
		11.2	10.0	40.2	5.11	38.9	4.98	36.3	4.72	35.0	4.59	31.1	4.20	28.5	3.94	22.0	3.29
		16.4	15.0	40.2	5.11	38.9	4.98	36.3	4.72	35.0	4.59	31.1	4.20	28.5	3.94	22.0	3.29
		24.0	18.0	40.2	5.11	38.9	4.98	36.3	4.72	35.0	4.59	31.1	4.20	28.5	3.94	22.0	3.29

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	30%	-24.9	-25.0	30.1	7.40	29.2	7.36	27.2	7.26	26.3	7.19	23.3	6.92	21.4	6.69	16.5	5.89
		-19.8	-20.0	30.1	6.99	29.2	6.96	27.2	6.88	26.3	6.82	23.3	6.59	21.4	6.38	16.5	5.65
		-14.7	-15.0	30.1	6.45	29.2	6.44	27.2	6.38	26.3	6.34	23.3	6.15	21.4	5.97	16.5	5.32
		-9.6	-10.0	30.1	5.80	29.2	5.80	27.2	5.77	26.3	5.74	23.3	5.60	21.4	5.45	16.5	4.91
		-4.4	-5.0	30.1	4.96	29.2	4.98	27.2	4.99	26.3	4.99	23.3	4.92	21.4	4.82	16.5	4.41
		-1.8	-2.5	30.1	4.50	29.2	4.53	27.2	4.57	26.3	4.58	23.3	4.54	21.4	4.48	16.5	4.13
		0.8	0.0	30.1	4.10	29.2	4.07	27.2	4.13	26.3	4.15	23.3	4.16	21.4	4.12	16.5	3.85
		2.8	2.0	30.1	4.10	29.2	4.01	27.2	3.81	26.3	3.74	23.3	3.78	21.4	3.77	16.5	3.57
		6.0	5.0	30.1	4.10	29.2	4.01	27.2	3.81	26.3	3.71	23.3	3.42	21.4	3.28	16.5	3.18
		7.0	6.0	30.1	4.10	29.2	4.01	27.2	3.81	26.3	3.71	23.3	3.42	21.4	3.22	16.5	3.06
		8.6	7.5	30.1	4.10	29.2	4.01	27.2	3.81	26.3	3.71	23.3	3.42	21.4	3.22	16.5	2.89
		11.2	10.0	30.1	4.10	29.2	4.01	27.2	3.81	26.3	3.71	23.3	3.42	21.4	3.22	16.5	2.73
		16.4	15.0	30.1	4.10	29.2	4.01	27.2	3.81	26.3	3.71	23.3	3.42	21.4	3.22	16.5	2.73
		24.0	18.0	30.1	4.10	29.2	4.01	27.2	3.81	26.3	3.71	23.3	3.42	21.4	3.22	16.5	2.73

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-23. 30HP (Cooling) U-14ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	56.7	6.39	68.0	7.67	79.3	8.95	85.0	9.59	96.3	10.87	107.7	12.15	119.0	13.42
		-5.0	56.7	6.40	68.0	7.68	79.3	8.96	85.0	9.60	96.3	10.88	107.7	12.16	119.0	13.43
		0.0	56.7	6.41	68.0	7.69	79.3	8.97	85.0	9.61	96.3	10.89	107.7	12.18	119.0	13.47
		5.0	56.7	6.43	68.0	7.71	79.3	8.99	85.0	9.64	96.3	10.95	107.7	12.27	119.0	13.57
		10.0	56.7	6.45	68.0	7.75	79.3	9.08	85.0	9.76	96.3	11.12	107.7	12.50	119.0	13.83
		15.0	56.7	6.58	68.0	7.98	79.3	9.42	85.0	10.15	96.3	11.62	107.7	13.10	119.0	14.47
		20.0	56.7	7.31	68.0	8.94	79.3	10.83	85.0	11.86	96.3	14.06	107.7	16.48	119.0	19.11
		25.0	56.7	9.35	68.0	11.58	79.3	14.01	85.0	15.32	96.3	18.08	107.7	21.07	119.0	24.28
		30.0	56.7	11.74	68.0	14.50	79.3	17.50	85.0	19.08	96.3	22.42	107.7	26.00	119.0	29.83
		35.0	56.7	14.32	68.0	17.65	79.3	21.23	85.0	23.12	96.3	27.09	107.7	31.32	113.7	32.34
		40.0	56.7	17.09	68.0	21.04	79.3	25.26	85.0	27.48	96.3	32.13	100.7	32.34	105.1	32.34
		43.0	56.7	18.85	68.0	23.19	79.3	27.83	85.0	30.27	91.9	32.34	96.3	32.34	98.5	30.77
		46.0	56.1	20.50	67.3	25.23	71.5	25.66	72.3	24.98	74.2	23.82	76.7	22.92	79.6	22.20
		52.0	24.5	8.72	26.6	8.81	29.2	8.98	30.6	9.08	33.7	9.32	37.2	9.59	40.9	9.88

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	51.0	5.16	61.2	6.48	71.4	7.76	76.5	8.39	86.7	9.62	96.9	10.83	107.1	12.01
		-5.0	51.0	5.17	61.2	6.49	71.4	7.77	76.5	8.40	86.7	9.63	96.9	10.84	107.1	12.02
		0.0	51.0	5.18	61.2	6.50	71.4	7.78	76.5	8.41	86.7	9.65	96.9	10.85	107.1	12.04
		5.0	51.0	5.20	61.2	6.52	71.4	7.80	76.5	8.43	86.7	9.67	96.9	10.89	107.1	12.09
		10.0	51.0	5.22	61.2	6.54	71.4	7.84	76.5	8.48	86.7	9.75	96.9	11.00	107.1	12.24
		15.0	51.0	5.28	61.2	6.66	71.4	8.02	76.5	8.70	86.7	10.03	96.9	11.33	107.1	12.61
		20.0	51.0	5.73	61.2	7.26	71.4	8.75	76.5	9.47	86.7	10.89	96.9	12.53	107.1	14.27
		25.0	51.0	7.55	61.2	9.36	71.4	11.24	76.5	12.20	86.7	14.17	96.9	16.20	107.1	18.28
		30.0	51.0	9.77	61.2	11.96	71.4	14.20	76.5	15.33	86.7	17.64	96.9	19.99	107.1	22.40
		35.0	51.0	12.53	61.2	15.19	71.4	17.87	76.5	19.23	86.7	21.98	96.9	24.81	107.1	27.74
		40.0	51.0	14.98	61.2	18.03	71.4	21.10	76.5	22.66	86.7	25.84	96.9	29.15	105.1	32.34
		43.0	51.0	16.49	61.2	19.79	71.4	23.12	76.5	24.81	86.7	28.30	96.3	32.34	98.5	30.77
		46.0	51.0	17.67	61.2	21.46	71.4	25.43	72.3	24.98	74.2	23.82	76.7	22.92	79.6	22.20
		52.0	24.5	8.72	26.6	8.81	29.2	8.98	30.6	9.08	33.7	9.32	37.2	9.59	40.9	9.88

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	45.3	4.43	54.4	5.61	63.5	6.78	68.0	7.35	77.1	8.48	86.1	9.58	95.2	10.66
		-5.0	45.3	4.43	54.4	5.62	63.5	6.79	68.0	7.36	77.1	8.49	86.1	9.59	95.2	10.67
		0.0	45.3	4.44	54.4	5.63	63.5	6.80	68.0	7.37	77.1	8.50	86.1	9.60	95.2	10.68
		5.0	45.3	4.45	54.4	5.65	63.5	6.81	68.0	7.39	77.1	8.51	86.1	9.61	95.2	10.69
		10.0	45.3	4.47	54.4	5.67	63.5	6.83	68.0	7.40	77.1	8.54	86.1	9.66	95.2	10.75
		15.0	45.3	4.50	54.4	5.71	63.5	6.90	68.0	7.50	77.1	8.66	86.1	9.81	95.2	10.94
		20.0	45.3	4.70	54.4	6.00	63.5	7.27	68.0	7.89	77.1	9.12	86.1	10.30	95.2	11.46
		25.0	45.3	6.10	54.4	7.47	63.5	8.87	68.0	9.57	77.1	11.00	86.1	12.45	95.2	13.92
		30.0	45.3	8.04	54.4	9.75	63.5	11.46	68.0	12.32	77.1	14.05	86.1	15.78	95.2	17.51
		35.0	45.3	10.46	54.4	12.58	63.5	14.68	68.0	15.72	77.1	17.81	86.1	19.89	95.2	21.98
		40.0	45.3	12.64	54.4	15.09	63.5	17.51	68.0	18.71	77.1	21.11	86.1	23.52	95.2	25.96
		43.0	45.3	13.98	54.4	16.64	63.5	19.27	68.0	20.57	77.1	23.19	86.1	25.83	95.2	28.54
		46.0	45.3	14.93	54.4	17.88	63.5	20.90	68.0	22.44	74.2	23.82	76.7	22.92	79.6	22.20
		52.0	24.5	8.72	26.6	8.81	29.2	8.98	30.6	9.08	33.7	9.32	37.2	9.59	40.9	9.88

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	39.7	3.67	47.6	4.73	55.5	5.77	59.5	6.29	67.4	7.30	75.4	8.29	83.3	9.26
		-5.0	39.7	3.68	47.6	4.74	55.5	5.78	59.5	6.29	67.4	7.30	75.4	8.29	83.3	9.26
		0.0	39.7	3.69	47.6	4.75	55.5	5.79	59.5	6.30	67.4	7.31	75.4	8.30	83.3	9.28
		5.0	39.7	3.70	47.6	4.76	55.5	5.80	59.5	6.32	67.4	7.33	75.4	8.32	83.3	9.29
		10.0	39.7	3.71	47.6	4.78	55.5	5.82	59.5	6.34	67.4	7.35	75.4	8.33	83.3	9.30
		15.0	39.7	3.74	47.6	4.80	55.5	5.84	59.5	6.36	67.4	7.38	75.4	8.39	83.3	9.37
		20.0	39.7	3.81	47.6	4.91	55.5	5.99	59.5	6.53	67.4	7.58	75.4	8.61	83.3	9.61
		25.0	39.7	4.61	47.6	5.74	55.5	6.83	59.5	7.36	67.4	8.39	75.4	9.40	83.3	10.38
		30.0	39.7	6.46	47.6	7.74	55.5	9.00	59.5	9.62	67.4	10.85	75.4	12.06	83.3	13.25
		35.0	39.7	8.55	47.6	10.18	55.5	11.77	59.5	12.55	67.4	14.08	75.4	15.57	83.3	17.04
		40.0	39.7	10.45	47.6	12.37	55.5	14.24	59.5	15.15	67.4	16.93	75.4	18.67	83.3	20.38
		43.0	39.7	11.62	47.6	13.73	55.5	15.76	59.5	16.75	67.4	18.69	75.4	20.60	83.3	22.47
		46.0	39.7	12.45	47.6	14.69	55.5	16.93	59.5	18.05	67.4	20.31	75.4	21.75	79.6	22.20
		52.0	24.5	8.72	26.6	8.81	29.2	8.98	30.6	9.08	33.7	9.32	37.2	9.59	40.9	9.88

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

30HP (Cooling) U-14ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	34.0	2.91	40.8	3.84	47.6	4.75	51.0	5.20	57.8	6.08	64.6	6.95	71.4	7.81
		-5.0	34.0	2.91	40.8	3.84	47.6	4.75	51.0	5.20	57.8	6.09	64.6	6.96	71.4	7.81
		0.0	34.0	2.92	40.8	3.85	47.6	4.76	51.0	5.21	57.8	6.10	64.6	6.97	71.4	7.82
		5.0	34.0	2.93	40.8	3.86	47.6	4.77	51.0	5.22	57.8	6.11	64.6	6.98	71.4	7.83
		10.0	34.0	2.94	40.8	3.87	47.6	4.78	51.0	5.23	57.8	6.12	64.6	6.99	71.4	7.85
		15.0	34.0	2.96	40.8	3.89	47.6	4.81	51.0	5.26	57.8	6.14	64.6	7.01	71.4	7.86
		20.0	34.0	2.99	40.8	3.92	47.6	4.84	51.0	5.30	57.8	6.20	64.6	7.08	71.4	7.94
		25.0	34.0	3.29	40.8	4.25	47.6	5.18	51.0	5.63	57.8	6.53	64.6	7.41	71.4	8.27
		30.0	34.0	5.04	40.8	5.95	47.6	6.83	51.0	7.25	57.8	8.06	64.6	8.84	71.4	9.59
		35.0	34.0	6.79	40.8	8.00	47.6	9.14	51.0	9.69	57.8	10.75	64.6	11.76	71.4	12.72
		40.0	34.0	8.42	40.8	9.88	47.6	11.26	51.0	11.92	57.8	13.19	64.6	14.40	71.4	15.56
		43.0	34.0	9.43	40.8	11.03	47.6	12.55	51.0	13.28	57.8	14.69	64.6	16.02	71.4	17.30
		46.0	34.0	10.22	40.8	11.87	47.6	13.47	51.0	14.26	57.8	15.81	64.6	17.31	71.4	18.79
		52.0	24.5	8.72	26.6	8.81	29.2	8.98	30.6	9.08	33.7	9.32	37.2	9.59	40.9	9.88

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	28.3	2.13	34.0	2.92	39.7	3.69	42.5	4.08	48.2	4.83	53.8	5.57	59.5	6.30
		-5.0	28.3	2.14	34.0	2.92	39.7	3.70	42.5	4.08	48.2	4.84	53.8	5.58	59.5	6.31
		0.0	28.3	2.14	34.0	2.93	39.7	3.70	42.5	4.09	48.2	4.84	53.8	5.59	59.5	6.32
		5.0	28.3	2.15	34.0	2.94	39.7	3.71	42.5	4.09	48.2	4.85	53.8	5.59	59.5	6.32
		10.0	28.3	2.16	34.0	2.95	39.7	3.72	42.5	4.11	48.2	4.86	53.8	5.61	59.5	6.34
		15.0	28.3	2.17	34.0	2.96	39.7	3.74	42.5	4.12	48.2	4.88	53.8	5.62	59.5	6.35
		20.0	28.3	2.20	34.0	2.99	39.7	3.77	42.5	4.15	48.2	4.90	53.8	5.64	59.5	6.37
		25.0	28.3	2.28	34.0	3.07	39.7	3.85	42.5	4.23	48.2	4.99	53.8	5.73	59.5	6.46
		30.0	28.3	3.78	34.0	4.35	39.7	4.78	42.5	5.05	48.2	5.64	53.8	6.27	59.5	6.92
		35.0	28.3	5.20	34.0	6.04	39.7	6.81	42.5	7.17	48.2	7.84	53.8	8.46	59.5	9.02
		40.0	28.3	6.55	34.0	7.60	39.7	8.57	42.5	9.02	48.2	9.87	53.8	10.65	59.5	11.36
		43.0	28.3	7.39	34.0	8.56	39.7	9.65	42.5	10.15	48.2	11.11	53.8	11.99	59.5	12.80
		46.0	28.3	8.23	34.0	9.39	39.7	10.49	42.5	11.01	48.2	12.02	53.8	12.96	59.5	13.85
		52.0	24.5	8.72	26.6	8.81	29.2	8.98	30.6	9.08	33.7	9.32	37.2	9.59	40.9	9.88

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	22.7	1.34	27.2	1.98	31.7	2.61	34.0	2.93	38.5	3.54	43.1	4.15	47.6	4.76
		-5.0	22.7	1.34	27.2	1.98	31.7	2.62	34.0	2.93	38.5	3.55	43.1	4.16	47.6	4.76
		0.0	22.7	1.35	27.2	1.99	31.7	2.62	34.0	2.93	38.5	3.55	43.1	4.16	47.6	4.77
		5.0	22.7	1.35	27.2	1.99	31.7	2.63	34.0	2.94	38.5	3.56	43.1	4.17	47.6	4.78
		10.0	22.7	1.36	27.2	2.00	31.7	2.64	34.0	2.95	38.5	3.57	43.1	4.18	47.6	4.79
		15.0	22.7	1.37	27.2	2.01	31.7	2.65	34.0	2.96	38.5	3.58	43.1	4.19	47.6	4.80
		20.0	22.7	1.39	27.2	2.03	31.7	2.67	34.0	2.98	38.5	3.60	43.1	4.21	47.6	4.82
		25.0	22.7	1.43	27.2	2.07	31.7	2.70	34.0	3.01	38.5	3.62	43.1	4.24	47.6	4.86
		30.0	22.7	1.97	27.2	2.39	31.7	2.92	34.0	3.20	38.5	3.77	43.1	4.40	47.6	5.09
		35.0	22.7	3.77	27.2	4.31	31.7	4.78	34.0	5.00	38.5	5.37	43.1	5.84	47.6	6.44
		40.0	22.7	4.85	27.2	5.55	31.7	6.17	34.0	6.45	38.5	6.96	43.1	7.39	47.6	7.77
		43.0	22.7	5.51	27.2	6.32	31.7	7.03	34.0	7.36	38.5	7.95	43.1	8.46	47.6	8.91
		46.0	22.7	6.46	27.2	7.24	31.7	7.94	34.0	8.26	38.5	8.86	43.1	9.40	47.6	9.88
		52.0	22.7	7.71	26.6	8.81	29.2	8.98	30.6	9.08	33.7	9.32	37.2	9.59	40.9	9.88

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	17.0	0.53	20.4	1.02	23.8	1.51	25.5	1.75	28.9	2.23	32.3	2.71	35.7	3.17
		-5.0	17.0	0.54	20.4	1.03	23.8	1.51	25.5	1.76	28.9	2.24	32.3	2.71	35.7	3.18
		0.0	17.0	0.54	20.4	1.03	23.8	1.52	25.5	1.76	28.9	2.24	32.3	2.72	35.7	3.18
		5.0	17.0	0.54	20.4	1.03	23.8	1.52	25.5	1.77	28.9	2.25	32.3	2.73	35.7	3.19
		10.0	17.0	0.55	20.4	1.04	23.8	1.53	25.5	1.78	28.9	2.26	32.3	2.74	35.7	3.21
		15.0	17.0	0.56	20.4	1.05	23.8	1.54	25.5	1.79	28.9	2.27	32.3	2.75	35.7	3.22
		20.0	17.0	0.57	20.4	1.06	23.8	1.55	25.5	1.80	28.9	2.29	32.3	2.77	35.7	3.24
		25.0	17.0	0.60	20.4	1.08	23.8	1.58	25.5	1.83	28.9	2.32	32.3	2.82	35.7	3.32
		30.0	17.0	0.68	20.4	1.13	23.8	1.64	25.5	1.93	28.9	2.51	32.3	3.08	35.7	3.63
		35.0	17.0	2.51	20.4	2.82	23.8	3.19	25.5	3.43	28.9	3.90	32.3	4.37	35.7	4.83
		40.0	17.0	3.30	20.4	3.73	23.8	4.09	25.5	4.24	28.9	4.49	32.3	4.68	35.7	4.83
		43.0	17.0	3.80	20.4	4.31	23.8	4.73	25.5	4.91	28.9	5.22	32.3	5.46	35.7	5.65
		46.0	17.0	4.89	20.4	5.37	23.8	5.78	25.5	5.96	28.9	6.27	32.3	6.52	35.7	6.73
		52.0	17.0	5.79	20.4	6.41	23.8	6.95	25.5	7.19	28.9	7.43	32.3	7.56	35.7	7.61

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-24. 30HP (Heating) U-14ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-24.9	-25.0	65.7	22.39	64.0	22.00	60.6	21.17	58.9	20.74	53.6	19.32	49.9	18.29	40.2	15.36
		-19.8	-20.0	68.9	22.87	67.2	22.47	63.7	21.61	61.9	21.16	56.3	19.69	52.5	18.63	42.4	15.61
		-14.7	-15.0	73.5	23.61	71.7	23.18	68.0	22.27	66.1	21.80	60.2	20.26	56.2	19.14	45.4	15.99
		-9.6	-10.0	79.8	24.76	77.8	24.29	73.8	23.23	71.8	22.65	65.5	21.06	61.0	19.86	49.3	16.51
		-4.4	-5.0	87.9	25.81	85.7	25.36	81.4	24.38	79.1	23.85	72.1	22.11	67.3	20.84	54.3	17.23
		-1.8	-2.5	92.7	26.25	90.5	25.78	85.8	24.75	83.4	24.21	76.1	22.43	71.0	21.13	57.3	17.47
		0.8	0.0	98.1	26.65	95.7	26.16	90.8	25.08	88.3	24.52	80.5	22.67	75.1	21.34	59.8	17.24
		2.8	2.0	103.9	27.04	101.4	26.51	96.2	25.41	93.6	24.83	84.4	22.53	77.4	20.62	59.8	15.98
		6.0	5.0	109.1	25.70	105.6	24.83	98.5	23.11	95.0	22.26	84.4	19.76	77.4	18.11	59.8	14.13
		7.0	6.0	109.1	24.46	105.6	23.64	98.5	22.02	95.0	21.20	84.4	18.84	77.4	17.30	59.8	13.55
		8.6	7.5	109.1	22.61	105.6	21.86	98.5	20.39	95.0	19.67	84.4	17.53	77.4	16.13	59.8	12.70
		11.2	10.0	109.1	19.71	105.6	19.10	98.5	17.88	95.0	17.28	84.4	15.49	77.4	14.31	59.8	11.38
		16.4	15.0	109.1	14.66	105.6	14.27	98.5	13.47	95.0	13.06	84.4	11.84	77.4	11.01	59.8	8.88
		24.0	18.0	109.1	12.18	105.6	11.83	98.5	11.13	95.0	10.77	84.4	9.72	77.4	9.01	59.8	7.25

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI
100%	90%	-24.9	-25.0	65.7	22.39	64.0	22.00	60.6	21.17	58.9	20.74	53.6	19.32	49.9	18.29	40.2	15.36
		-19.8	-20.0	68.9	22.87	67.2	22.47	63.7	21.61	61.9	21.16	56.3	19.69	52.5	18.63	42.4	15.61
		-14.7	-15.0	73.5	23.61	71.7	23.18	68.0	22.27	66.1	21.80	60.2	20.26	56.2	19.14	45.4	15.99
		-9.6	-10.0	79.8	24.76	77.8	24.29	73.8	23.23	71.8	22.65	65.5	21.06	61.0	19.86	49.3	16.51
		-4.4	-5.0	87.9	25.81	85.7	25.36	81.4	24.38	79.1	23.85	72.1	22.11	67.3	20.84	53.8	17.23
		-1.8	-2.5	92.7	26.25	90.5	25.78	85.8	24.75	83.4	24.21	76.0	22.43	69.7	19.44	53.8	15.43
		0.8	0.0	98.1	26.65	95.0	23.74	88.7	22.32	85.5	21.60	76.0	19.45	69.7	18.01	53.8	14.35
		2.8	2.0	98.2	22.29	95.0	21.66	88.7	20.40	85.5	19.77	76.0	17.86	69.7	16.59	53.8	13.41
		6.0	5.0	98.2	19.34	95.0	18.89	88.7	17.96	85.5	17.47	76.0	15.96	69.7	14.84	53.8	11.93
		7.0	6.0	98.2	18.91	95.0	18.39	88.7	17.34	85.5	16.81	76.0	15.23	69.7	14.15	53.8	11.42
		8.6	7.5	98.2	17.38	95.0	16.92	88.7	16.00	85.5	15.53	76.0	14.12	69.7	13.16	53.8	10.70
		11.2	10.0	98.2	14.98	95.0	14.63	88.7	13.90	85.5	13.53	76.0	12.40	69.7	11.62	53.8	9.56
		16.4	15.0	98.2	11.09	95.0	10.77	88.7	10.23	85.5	10.01	76.0	9.30	69.7	8.79	53.8	7.37
		24.0	18.0	98.2	11.09	95.0	10.77	88.7	10.14	85.5	9.82	76.0	8.87	69.7	8.24	53.8	6.65

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	80%	-24.9	-25.0	65.7	22.39	64.0	22.00	60.6	21.17	58.9	20.74	53.6	19.32	49.9	18.29	40.2	15.36
		-19.8	-20.0	68.9	22.87	67.2	22.47	63.7	21.61	61.9	21.16	56.3	19.69	52.5	18.63	42.4	15.61
		-14.7	-15.0	73.5	23.61	71.7	23.18	68.0	22.27	66.1	21.80	60.2	20.26	56.2	19.14	45.4	15.99
		-9.6	-10.0	79.8	24.76	77.8	24.29	73.8	23.23	71.8	22.65	65.5	21.06	61.0	19.86	47.9	15.21
		-4.4	-5.0	87.3	21.79	84.4	21.26	78.8	20.20	76.0	19.65	67.6	17.95	61.9	16.78	47.9	13.67
		-1.8	-2.5	87.3	20.11	84.4	19.65	78.8	18.70	76.0	18.21	67.6	16.69	61.9	15.63	47.9	12.88
		0.8	0.0	87.3	18.27	84.4	17.92	78.8	17.18	76.0	16.78	67.6	15.51	61.9	14.60	47.9	12.07
		2.8	2.0	87.3	16.86	84.4	16.55	78.8	15.89	76.0	15.54	67.6	14.40	61.9	13.57	47.9	11.27
		6.0	5.0	87.3	14.86	84.4	14.61	78.8	14.07	76.0	13.77	67.6	12.80	61.9	12.06	47.9	10.00
		7.0	6.0	87.3	14.41	84.4	14.11	78.8	13.50	76.0	13.19	67.6	12.19	61.9	11.49	47.9	9.58
		8.6	7.5	87.3	13.15	84.4	12.90	78.8	12.39	76.0	12.13	67.6	11.27	61.9	10.66	47.9	8.96
		11.2	10.0	87.3	11.20	84.4	11.03	78.8	10.67	76.0	10.47	67.6	9.83	61.9	9.36	47.9	7.98
		16.4	15.0	87.3	10.00	84.4	9.72	78.8	9.15	76.0	8.87	67.6	8.03	61.9	7.46	47.9	6.09
		24.0	18.0	87.3	10.00	84.4	9.72	78.8	9.15	76.0	8.87	67.6	8.03	61.9	7.46	47.9	6.05

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	70%	-24.9	-25.0	65.7	22.39	64.0	22.00	60.6	21.17	58.9	20.74	53.6	19.32	49.9	18.29	40.2	15.36
		-19.8	-20.0	68.9	22.87	67.2	22.47	63.7	21.61	61.9	21.16	56.3	19.69	52.5	18.63	41.9	15.61
		-14.7	-15.0	73.5	23.61	71.7	23.18	68.0	22.27	66.1	21.80	59.1	17.74	54.2	16.67	41.9	13.65
		-9.6	-10.0	76.4	18.87	73.9	18.51	69.0	17.76	66.5	17.37	59.1	16.09	54.2	15.17	41.9	12.68
		-4.4	-5.0	76.4	16.50	73.9	16.25	69.0	15.70	66.5	15.40	59.1	14.40	54.2	13.64	41.9	11.47
		-1.8	-2.5	76.4	15.36	73.9	15.14	69.0	14.65	66.5	14.38	59.1	13.48	54.2	12.79	41.9	10.80
		0.8	0.0	76.4	14.16	73.9	13.97	69.0	13.55	66.5	13.31	59.1	12.51	54.2	11.90	41.9	10.10
		2.8	2.0	76.4	12.98	73.9	12.82	69.0	12.47	66.5	12.27	59.1	11.57	54.2	11.02	41.9	9.40
		6.0	5.0	76.4	11.29	73.9	11.18	69.0	10.91	66.5	10.75	59.1	10.18	54.2	9.72	41.9	8.30
		7.0	6.0	76.4	10.80	73.9	10.67	69.0	10.38	66.5	10.22	59.1	9.67	54.2	9.25	41.9	7.97
		8.6	7.5	76.4	9.80	73.9	9.70	69.0	9.48	66.5	9.36	59.1	8.91	54.2	8.56	41.9	7.45
		11.2	10.0	76.4	8.91	73.9	8.66	69.0	8.17	66.5	8.04	59.1	7.74	54.2	7.48	41.9	6.63
16.4	15.0	76.4	8.91	73.9	8.66	69.0	8.17	66.5	7.92	59.1	7.18	54.2	6.69	41.9	5.46		
24.0	18.0	76.4	8.91	73.9	8.66	69.0	8.17	66.5	7.92	59.1	7.18	54.2	6.69	41.9	5.46		

3. Part Load of Outdoor Unit

30HP (Heating) U-14ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	60%	-24.9	-25.0	65.4	18.44	63.3	18.14	59.1	17.50	57.0	17.15	50.7	15.96	46.4	15.00	35.9	12.35		
		-19.8	-20.0	65.4	17.34	63.3	17.08	59.1	16.49	57.0	16.18	50.7	15.16	46.4	14.39	35.9	11.95		
		-14.7	-15.0	65.4	16.03	63.3	15.82	59.1	15.35	57.0	15.09	50.7	14.19	46.4	13.50	35.9	11.45		
		-9.6	-10.0	65.4	14.57	63.3	14.40	59.1	14.01	57.0	13.78	50.7	13.01	46.4	12.40	35.9	10.57		
		-4.4	-5.0	65.4	12.84	63.3	12.71	59.1	12.41	57.0	12.23	50.7	11.60	46.4	11.10	35.9	9.54		
		-1.8	-2.5	65.4	11.89	63.3	11.79	59.1	11.53	57.0	11.38	50.7	10.83	46.4	10.38	35.9	8.97		
		0.8	0.0	65.4	10.90	63.3	10.82	59.1	10.62	57.0	10.49	50.7	10.02	46.4	9.63	35.9	8.38		
		2.8	2.0	65.4	9.91	63.3	9.86	59.1	9.71	57.0	9.62	50.7	9.23	46.4	8.90	35.9	7.79		
		6.0	5.0	65.4	8.51	63.3	8.48	59.1	8.39	57.0	8.32	50.7	8.02	46.4	7.76	35.9	6.82		
		7.0	6.0	65.4	8.01	63.3	7.98	59.1	7.90	57.0	7.84	50.7	7.60	46.4	7.37	35.9	6.58		
		8.6	7.5	65.4	7.82	63.3	7.60	59.1	7.20	57.0	7.16	50.7	6.99	46.4	6.82	35.9	6.15		
		11.2	10.0	65.4	7.82	63.3	7.60	59.1	7.18	57.0	6.97	50.7	6.34	46.4	5.96	35.9	5.47		
		16.4	15.0	65.4	7.82	63.3	7.60	59.1	7.18	57.0	6.97	50.7	6.34	46.4	5.91	35.9	4.86		
		24.0	18.0	65.4	7.82	63.3	7.60	59.1	7.18	57.0	6.97	50.7	6.34	46.4	5.91	35.9	4.86		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	50%	-24.9	-25.0	54.5	14.25	52.8	14.10	49.3	13.73	47.5	13.52	42.2	12.80	38.7	12.22	29.9	10.26		
		-19.8	-20.0	54.5	13.50	52.8	13.37	49.3	13.04	47.5	12.85	42.2	12.18	38.7	11.65	29.9	9.98		
		-14.7	-15.0	54.5	12.52	52.8	12.41	49.3	12.13	47.5	11.98	42.2	11.39	38.7	10.91	29.9	9.42		
		-9.6	-10.0	54.5	11.31	52.8	11.23	49.3	11.02	47.5	10.89	42.2	10.41	38.7	10.00	29.9	8.69		
		-4.4	-5.0	54.5	9.91	52.8	9.86	49.3	9.71	47.5	9.62	42.2	9.25	38.7	8.92	29.9	7.84		
		-1.8	-2.5	54.5	9.13	52.8	9.10	49.3	9.00	47.5	8.92	42.2	8.62	38.7	8.34	29.9	7.37		
		0.8	0.0	54.5	8.32	52.8	8.31	49.3	8.25	47.5	8.20	42.2	7.96	38.7	7.73	29.9	6.88		
		2.8	2.0	54.5	7.53	52.8	7.53	49.3	7.51	47.5	7.48	42.2	7.31	38.7	7.11	29.9	6.37		
		6.0	5.0	54.5	6.72	52.8	6.55	49.3	6.34	47.5	6.33	42.2	6.25	38.7	6.13	29.9	5.57		
		7.0	6.0	54.5	6.72	52.8	6.55	49.3	6.20	47.5	6.02	42.2	5.92	38.7	5.83	29.9	5.37		
		8.6	7.5	54.5	6.72	52.8	6.55	49.3	6.20	47.5	6.02	42.2	5.49	38.7	5.39	29.9	5.03		
		11.2	10.0	54.5	6.72	52.8	6.55	49.3	6.20	47.5	6.02	42.2	5.49	38.7	5.14	29.9	4.49		
		16.4	15.0	54.5	6.72	52.8	6.55	49.3	6.20	47.5	6.02	42.2	5.49	38.7	5.14	29.9	4.26		
		24.0	18.0	54.5	6.72	52.8	6.55	49.3	6.20	47.5	6.02	42.2	5.49	38.7	5.14	29.9	4.26		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	40%	-24.9	-25.0	43.6	10.97	42.2	10.88	39.4	10.67	38.0	10.54	33.8	10.06	31.0	9.67	23.9	8.34		
		-19.8	-20.0	43.6	10.37	42.2	10.30	39.4	10.12	38.0	10.00	33.8	9.58	31.0	9.21	23.9	8.05		
		-14.7	-15.0	43.6	9.59	42.2	9.54	39.4	9.40	38.0	9.30	33.8	8.94	31.0	8.63	23.9	7.57		
		-9.6	-10.0	43.6	8.64	42.2	8.61	39.4	8.51	38.0	8.45	33.8	8.16	31.0	7.90	23.9	6.99		
		-4.4	-5.0	43.6	7.53	42.2	7.52	39.4	7.48	38.0	7.44	33.8	7.24	31.0	7.04	23.9	6.31		
		-1.8	-2.5	43.6	6.92	42.2	6.93	39.4	6.92	38.0	6.90	33.8	6.75	31.0	6.58	23.9	5.93		
		0.8	0.0	43.6	6.27	42.2	6.29	39.4	6.30	38.0	6.29	33.8	6.18	31.0	6.05	23.9	5.51		
		2.8	2.0	43.6	5.63	42.2	5.60	39.4	5.64	38.0	5.65	33.8	5.61	31.0	5.52	23.9	5.10		
		6.0	5.0	43.6	5.63	42.2	5.49	39.4	5.21	38.0	5.07	33.8	4.81	31.0	4.78	23.9	4.50		
		7.0	6.0	43.6	5.63	42.2	5.49	39.4	5.21	38.0	5.07	33.8	4.65	31.0	4.55	23.9	4.33		
		8.6	7.5	43.6	5.63	42.2	5.49	39.4	5.21	38.0	5.07	33.8	4.65	31.0	4.36	23.9	4.07		
		11.2	10.0	43.6	5.63	42.2	5.49	39.4	5.21	38.0	5.07	33.8	4.65	31.0	4.36	23.9	3.66		
		16.4	15.0	43.6	5.63	42.2	5.49	39.4	5.21	38.0	5.07	33.8	4.65	31.0	4.36	23.9	3.66		
		24.0	18.0	43.6	5.63	42.2	5.49	39.4	5.21	38.0	5.07	33.8	4.65	31.0	4.36	23.9	3.66		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	30%	-24.9	-25.0	32.7	8.12	31.7	8.08	29.6	7.96	28.5	7.89	25.3	7.60	23.2	7.34	17.9	6.47		
		-19.8	-20.0	32.7	7.67	31.7	7.64	29.6	7.55	28.5	7.49	25.3	7.24	23.2	7.00	17.9	6.22		
		-14.7	-15.0	32.7	7.09	31.7	7.08	29.6	7.01	28.5	6.97	25.3	6.76	23.2	6.56	17.9	5.86		
		-9.6	-10.0	32.7	6.39	31.7	6.39	29.6	6.36	28.5	6.33	25.3	6.18	23.2	6.02	17.9	5.42		
		-4.4	-5.0	32.7	5.50	31.7	5.52	29.6	5.53	28.5	5.52	25.3	5.44	23.2	5.33	17.9	4.88		
		-1.8	-2.5	32.7	5.00	31.7	5.03	29.6	5.07	28.5	5.08	25.3	5.04	23.2	4.96	17.9	4.58		
		0.8	0.0	32.7	4.54	31.7	4.54	29.6	4.60	28.5	4.62	25.3	4.62	23.2	4.57	17.9	4.28		
		2.8	2.0	32.7	4.54	31.7	4.43	29.6	4.22	28.5	4.17	25.3	4.21	23.2	4.19	17.9	3.98		
		6.0	5.0	32.7	4.54	31.7	4.43	29.6	4.22	28.5	4.12	25.3	3.80	23.2	3.67	17.9	3.56		
		7.0	6.0	32.7	4.54	31.7	4.43	29.6	4.22	28.5	4.12	25.3	3.80	23.2	3.59	17.9	3.42		
		8.6	7.5	32.7	4.54	31.7	4.43	29.6	4.22	28.5	4.12	25.3	3.80	23.2	3.59	17.9	3.23		
		11.2	10.0	32.7	4.54	31.7	4.43	29.6	4.22	28.5	4.12	25.3	3.80	23.2	3.59	17.9	3.06		
		16.4	15.0	32.7	4.54	31.7	4.43	29.6	4.22	28.5	4.12	25.3	3.80	23.2	3.59	17.9	3.06		
		24.0	18.0	32.7	4.54	31.7	4.43	29.6	4.22	28.5	4.12	25.3	3.80	23.2	3.59	17.9	3.06		

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-25. 32HP (Cooling) U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	60.0	7.10	72.0	8.52	84.0	9.94	90.0	10.65	102.0	12.08	114.0	13.50	126.0	14.92
		-5.0	60.0	7.11	72.0	8.53	84.0	9.95	90.0	10.67	102.0	12.09	114.0	13.51	126.0	14.93
		0.0	60.0	7.12	72.0	8.55	84.0	9.97	90.0	10.68	102.0	12.10	114.0	13.54	126.0	14.96
		5.0	60.0	7.14	72.0	8.56	84.0	9.99	90.0	10.71	102.0	12.16	114.0	13.63	126.0	15.07
		10.0	60.0	7.16	72.0	8.61	84.0	10.09	90.0	10.83	102.0	12.34	114.0	13.87	126.0	15.34
		15.0	60.0	7.30	72.0	8.85	84.0	10.44	90.0	11.25	102.0	12.87	114.0	14.50	126.0	16.01
		20.0	60.0	8.07	72.0	9.86	84.0	11.96	90.0	13.10	102.0	15.55	114.0	18.24	126.0	21.17
		25.0	60.0	10.32	72.0	12.79	84.0	15.50	90.0	16.95	102.0	20.02	114.0	23.35	126.0	26.92
		30.0	60.0	12.98	72.0	16.04	84.0	19.37	90.0	21.13	102.0	24.85	114.0	28.83	126.0	33.08
		35.0	60.0	15.83	72.0	19.54	84.0	23.52	90.0	25.62	102.0	30.03	114.0	34.74	120.4	35.84
		40.0	60.0	18.91	72.0	23.30	84.0	28.00	90.0	30.47	102.0	35.64	106.6	35.83	111.2	35.83
		43.0	60.0	20.87	72.0	25.70	84.0	30.86	90.0	33.57	97.3	35.84	101.9	35.83	104.3	34.13
		46.0	59.4	22.71	71.3	27.97	75.7	28.45	76.5	27.69	78.6	26.41	81.2	25.40	84.3	24.60
		52.0	25.9	9.61	28.2	9.72	30.9	9.90	32.4	10.02	35.7	10.28	39.4	10.58	43.3	10.90

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	54.0	5.74	64.8	7.20	75.6	8.63	81.0	9.32	91.8	10.70	102.6	12.04	113.4	13.35
		-5.0	54.0	5.75	64.8	7.21	75.6	8.64	81.0	9.34	91.8	10.71	102.6	12.05	113.4	13.36
		0.0	54.0	5.76	64.8	7.22	75.6	8.65	81.0	9.35	91.8	10.72	102.6	12.06	113.4	13.38
		5.0	54.0	5.78	64.8	7.24	75.6	8.67	81.0	9.37	91.8	10.74	102.6	12.10	113.4	13.43
		10.0	54.0	5.80	64.8	7.26	75.6	8.71	81.0	9.42	91.8	10.83	102.6	12.22	113.4	13.58
		15.0	54.0	5.86	64.8	7.39	75.6	8.90	81.0	9.65	91.8	11.12	102.6	12.56	113.4	13.98
		20.0	54.0	6.33	64.8	8.02	75.6	9.66	81.0	10.46	91.8	12.02	102.6	13.84	113.4	15.79
		25.0	54.0	8.30	64.8	10.32	75.6	12.41	81.0	13.49	91.8	15.68	102.6	17.93	113.4	20.24
		30.0	54.0	10.77	64.8	13.22	75.6	15.71	81.0	16.97	91.8	19.53	102.6	22.14	113.4	24.82
		35.0	54.0	13.84	64.8	16.80	75.6	19.79	81.0	21.30	91.8	24.36	102.6	27.50	113.4	30.75
		40.0	54.0	16.57	64.8	19.96	75.6	23.38	81.0	25.11	91.8	28.65	102.6	32.33	111.2	35.83
		43.0	54.0	18.25	64.8	21.92	75.6	25.62	81.0	27.50	91.8	31.38	101.9	35.83	104.3	34.13
		46.0	54.0	19.56	64.8	23.77	75.6	28.19	76.5	27.69	78.6	26.41	81.2	25.40	84.3	24.60
		52.0	25.9	9.61	28.2	9.72	30.9	9.90	32.4	10.02	35.7	10.28	39.4	10.58	43.3	10.90

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	48.0	4.92	57.6	6.24	67.2	7.54	72.0	8.17	81.6	9.42	91.2	10.65	100.8	11.85
		-5.0	48.0	4.93	57.6	6.25	67.2	7.55	72.0	8.18	81.6	9.43	91.2	10.66	100.8	11.86
		0.0	48.0	4.94	57.6	6.26	67.2	7.56	72.0	8.19	81.6	9.45	91.2	10.67	100.8	11.87
		5.0	48.0	4.95	57.6	6.28	67.2	7.57	72.0	8.21	81.6	9.46	91.2	10.68	100.8	11.88
		10.0	48.0	4.97	57.6	6.30	67.2	7.59	72.0	8.23	81.6	9.49	91.2	10.73	100.8	11.95
		15.0	48.0	5.00	57.6	6.34	67.2	7.67	72.0	8.32	81.6	9.62	91.2	10.89	100.8	12.14
		20.0	48.0	5.21	57.6	6.65	67.2	8.05	72.0	8.74	81.6	10.09	91.2	11.41	100.8	12.69
		25.0	48.0	6.69	57.6	8.22	67.2	9.77	72.0	10.56	81.6	12.15	91.2	13.76	100.8	15.40
		30.0	48.0	8.85	57.6	10.75	67.2	12.66	72.0	13.62	81.6	15.54	91.2	17.46	100.8	19.39
		35.0	48.0	11.55	57.6	13.90	67.2	16.23	72.0	17.40	81.6	19.72	91.2	22.03	100.8	24.35
		40.0	48.0	13.96	57.6	16.69	67.2	19.39	72.0	20.72	81.6	23.39	91.2	26.07	100.8	28.78
		43.0	48.0	15.46	57.6	18.42	67.2	21.34	72.0	22.79	81.6	25.70	91.2	28.64	100.8	31.64
		46.0	48.0	16.51	57.6	19.79	67.2	23.15	72.0	24.87	78.6	26.41	81.2	25.40	84.3	24.60
		52.0	25.9	9.61	28.2	9.72	30.9	9.90	32.4	10.02	35.7	10.28	39.4	10.58	43.3	10.90

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	42.0	4.09	50.4	5.27	58.8	6.42	63.0	6.99	71.4	8.11	79.8	9.21	88.2	10.29
		-5.0	42.0	4.09	50.4	5.27	58.8	6.43	63.0	7.00	71.4	8.12	79.8	9.22	88.2	10.30
		0.0	42.0	4.10	50.4	5.28	58.8	6.44	63.0	7.01	71.4	8.13	79.8	9.23	88.2	10.31
		5.0	42.0	4.11	50.4	5.29	58.8	6.45	63.0	7.02	71.4	8.15	79.8	9.25	88.2	10.33
		10.0	42.0	4.13	50.4	5.31	58.8	6.47	63.0	7.04	71.4	8.17	79.8	9.26	88.2	10.34
		15.0	42.0	4.16	50.4	5.34	58.8	6.49	63.0	7.07	71.4	8.20	79.8	9.32	88.2	10.41
		20.0	42.0	4.23	50.4	5.45	58.8	6.65	63.0	7.24	71.4	8.41	79.8	9.55	88.2	10.67
		25.0	42.0	5.07	50.4	6.32	58.8	7.53	63.0	8.11	71.4	9.26	79.8	10.38	88.2	11.47
		30.0	42.0	7.09	50.4	8.52	58.8	9.92	63.0	10.61	71.4	11.98	79.8	13.32	88.2	14.65
		35.0	42.0	9.42	50.4	11.23	58.8	13.00	63.0	13.86	71.4	15.57	79.8	17.23	88.2	18.86
		40.0	42.0	11.53	50.4	13.67	58.8	15.74	63.0	16.76	71.4	18.74	79.8	20.68	88.2	22.57
		43.0	42.0	12.84	50.4	15.18	58.8	17.43	63.0	18.54	71.4	20.70	79.8	22.82	88.2	24.90
		46.0	42.0	13.76	50.4	16.25	58.8	18.74	63.0	19.99	71.4	22.49	79.8	24.10	84.3	24.60
		52.0	25.9	9.61	28.2	9.72	30.9	9.90	32.4	10.02	35.7	10.28	39.4	10.58	43.3	10.90

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

32HP (Cooling) U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	36.0	3.24	43.2	4.27	50.4	5.28	54.0	5.78	61.2	6.76	68.4	7.73	75.6	8.68
		-5.0	36.0	3.24	43.2	4.27	50.4	5.29	54.0	5.78	61.2	6.77	68.4	7.74	75.6	8.69
		0.0	36.0	3.25	43.2	4.28	50.4	5.29	54.0	5.79	61.2	6.78	68.4	7.75	75.6	8.69
		5.0	36.0	3.26	43.2	4.29	50.4	5.30	54.0	5.80	61.2	6.79	68.4	7.76	75.6	8.71
		10.0	36.0	3.27	43.2	4.31	50.4	5.32	54.0	5.82	61.2	6.81	68.4	7.77	75.6	8.72
		15.0	36.0	3.29	43.2	4.33	50.4	5.34	54.0	5.84	61.2	6.83	68.4	7.79	75.6	8.74
		20.0	36.0	3.33	43.2	4.36	50.4	5.38	54.0	5.89	61.2	6.88	68.4	7.86	75.6	8.82
		25.0	36.0	3.64	43.2	4.70	50.4	5.73	54.0	6.24	61.2	7.23	68.4	8.21	75.6	9.16
		30.0	36.0	5.51	43.2	6.53	50.4	7.50	54.0	7.97	61.2	8.88	68.4	9.75	75.6	10.58
		35.0	36.0	7.46	43.2	8.80	50.4	10.07	54.0	10.69	61.2	11.87	68.4	12.99	75.6	14.06
		40.0	36.0	9.27	43.2	10.89	50.4	12.43	54.0	13.16	61.2	14.58	68.4	15.93	75.6	17.21
		43.0	36.0	10.39	43.2	12.18	50.4	13.87	54.0	14.68	61.2	16.24	68.4	17.73	75.6	19.15
		46.0	36.0	11.28	43.2	13.11	50.4	14.90	54.0	15.77	61.2	17.49	68.4	19.17	75.6	20.81
		52.0	25.9	9.61	28.2	9.72	30.9	9.90	32.4	10.02	35.7	10.28	39.4	10.58	43.3	10.90

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	30.0	2.38	36.0	3.25	42.0	4.11	45.0	4.53	51.0	5.37	57.0	6.20	63.0	7.01
		-5.0	30.0	2.38	36.0	3.25	42.0	4.11	45.0	4.54	51.0	5.38	57.0	6.20	63.0	7.01
		0.0	30.0	2.38	36.0	3.26	42.0	4.12	45.0	4.55	51.0	5.39	57.0	6.21	63.0	7.02
		5.0	30.0	2.39	36.0	3.27	42.0	4.13	45.0	4.55	51.0	5.39	57.0	6.22	63.0	7.03
		10.0	30.0	2.40	36.0	3.28	42.0	4.14	45.0	4.57	51.0	5.41	57.0	6.23	63.0	7.04
		15.0	30.0	2.42	36.0	3.29	42.0	4.16	45.0	4.58	51.0	5.42	57.0	6.25	63.0	7.06
		20.0	30.0	2.45	36.0	3.32	42.0	4.18	45.0	4.61	51.0	5.45	57.0	6.27	63.0	7.08
		25.0	30.0	2.53	36.0	3.41	42.0	4.27	45.0	4.70	51.0	6.22	57.0	6.36	63.0	7.17
		30.0	30.0	4.11	36.0	4.75	42.0	5.25	45.0	5.55	51.0	6.22	57.0	6.93	63.0	7.65
		35.0	30.0	5.69	36.0	6.62	42.0	7.48	45.0	7.88	51.0	8.63	57.0	9.31	63.0	9.94
		40.0	30.0	7.19	36.0	8.36	42.0	9.43	45.0	9.94	51.0	10.88	57.0	11.75	63.0	12.54
		43.0	30.0	8.12	36.0	9.43	42.0	10.64	45.0	11.20	51.0	12.26	57.0	13.24	63.0	14.15
		46.0	30.0	9.07	36.0	10.36	42.0	11.58	45.0	12.16	51.0	13.28	57.0	14.33	63.0	15.32
		52.0	25.9	9.61	28.2	9.72	30.9	9.90	32.4	10.02	35.7	10.28	39.4	10.58	43.3	10.90

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	24.0	1.50	28.8	2.21	33.6	2.91	36.0	3.26	40.8	3.94	45.6	4.62	50.4	5.29
		-5.0	24.0	1.50	28.8	2.21	33.6	2.91	36.0	3.26	40.8	3.95	45.6	4.63	50.4	5.30
		0.0	24.0	1.50	28.8	2.21	33.6	2.92	36.0	3.26	40.8	3.95	45.6	4.63	50.4	5.30
		5.0	24.0	1.51	28.8	2.22	33.6	2.92	36.0	3.27	40.8	3.96	45.6	4.64	50.4	5.31
		10.0	24.0	1.52	28.8	2.23	33.6	2.93	36.0	3.28	40.8	3.97	45.6	4.65	50.4	5.32
		15.0	24.0	1.53	28.8	2.24	33.6	2.94	36.0	3.29	40.8	3.98	45.6	4.66	50.4	5.34
		20.0	24.0	1.55	28.8	2.26	33.6	2.96	36.0	3.31	40.8	4.00	45.6	4.68	50.4	5.36
		25.0	24.0	1.59	28.8	2.30	33.6	3.00	36.0	3.35	40.8	4.03	45.6	4.71	50.4	5.40
		30.0	24.0	2.15	28.8	2.64	33.6	3.23	36.0	3.54	40.8	4.18	45.6	4.88	50.4	5.64
		35.0	24.0	4.10	28.8	4.70	33.6	5.23	36.0	5.46	40.8	5.88	45.6	6.40	50.4	7.07
		40.0	24.0	5.29	28.8	6.08	33.6	6.77	36.0	7.08	40.8	7.64	45.6	8.13	50.4	8.55
		43.0	24.0	6.03	28.8	6.93	33.6	7.73	36.0	8.09	40.8	8.75	45.6	9.32	50.4	9.82
		46.0	24.0	7.10	28.8	7.96	33.6	8.74	36.0	9.10	40.8	9.77	45.6	10.37	50.4	10.90
		52.0	24.0	8.49	28.2	9.72	30.9	9.90	32.4	10.02	35.7	10.28	39.4	10.58	43.3	10.90

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	18.0	0.60	21.6	1.14	25.2	1.68	27.0	1.95	30.6	2.49	34.2	3.01	37.8	3.53
		-5.0	18.0	0.60	21.6	1.15	25.2	1.69	27.0	1.96	30.6	2.49	34.2	3.02	37.8	3.53
		0.0	18.0	0.61	21.6	1.15	25.2	1.69	27.0	1.96	30.6	2.50	34.2	3.02	37.8	3.54
		5.0	18.0	0.61	21.6	1.15	25.2	1.70	27.0	1.97	30.6	2.51	34.2	3.03	37.8	3.55
		10.0	18.0	0.61	21.6	1.16	25.2	1.70	27.0	1.98	30.6	2.52	34.2	3.05	37.8	3.57
		15.0	18.0	0.62	21.6	1.17	25.2	1.71	27.0	1.99	30.6	2.53	34.2	3.06	37.8	3.58
		20.0	18.0	0.64	21.6	1.18	25.2	1.73	27.0	2.01	30.6	2.55	34.2	3.08	37.8	3.60
		25.0	18.0	0.66	21.6	1.21	25.2	1.76	27.0	2.04	30.6	2.58	34.2	3.13	37.8	3.69
		30.0	18.0	0.75	21.6	1.26	25.2	1.82	27.0	2.14	30.6	2.78	34.2	3.40	37.8	4.00
		35.0	18.0	2.69	21.6	3.04	25.2	3.45	27.0	3.72	30.6	4.25	34.2	4.77	37.8	5.28
		40.0	18.0	3.58	21.6	4.05	25.2	4.45	27.0	4.61	30.6	4.89	34.2	5.11	37.8	5.28
		43.0	18.0	4.13	21.6	4.69	25.2	5.16	27.0	5.36	30.6	5.71	34.2	5.98	37.8	6.19
		46.0	18.0	5.36	21.6	5.89	25.2	6.34	27.0	6.54	30.6	6.89	34.2	7.17	37.8	7.39
		52.0	18.0	6.35	21.6	7.04	25.2	7.64	27.0	7.91	30.6	8.18	34.2	8.32	37.8	8.38

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-26. 32HP (Heating) U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW		
100%	100%	-24.9	-25.0	68.2	23.16	66.5	22.76	63.0	21.93	61.3	21.47	55.8	20.04	52.0	18.98	42.0	15.97		
		-19.8	-20.0	71.5	23.63	69.8	23.23	66.1	22.35	64.3	21.89	58.6	20.40	54.7	19.31	44.2	16.23		
		-14.7	-15.0	76.2	24.36	74.4	23.93	70.6	23.01	68.7	22.53	62.6	20.96	58.5	19.82	47.4	16.61		
		-9.6	-10.0	82.6	25.46	80.6	24.94	76.6	23.96	74.5	23.44	68.0	21.77	63.5	20.55	51.5	17.14		
		-4.4	-5.0	91.0	26.71	88.8	26.24	84.4	25.24	82.1	24.70	75.0	22.91	70.0	21.58	56.7	17.87		
		-1.8	-2.5	96.0	27.19	93.7	26.71	89.1	25.68	86.6	25.11	79.1	23.29	73.9	21.95	59.8	18.18		
		0.8	0.0	101.6	27.63	99.2	27.12	94.2	26.03	91.7	25.45	83.7	23.56	78.2	22.18	63.0	18.17		
		2.8	2.0	107.6	28.03	105.0	27.50	99.8	26.36	97.1	25.76	88.8	23.84	81.5	21.82	63.0	16.85		
		6.0	5.0	114.8	27.50	111.1	26.53	103.7	24.64	100.0	23.71	88.9	20.99	81.5	19.19	63.0	14.92		
		7.0	6.0	114.8	26.18	111.1	25.27	103.7	23.49	100.0	22.60	88.9	20.02	81.5	18.35	63.0	14.31		
		8.6	7.5	114.8	24.23	111.1	23.40	103.7	21.78	100.0	20.98	88.9	18.63	81.5	17.11	63.0	13.42		
		11.2	10.0	114.8	21.15	111.1	20.46	103.7	19.11	100.0	18.44	88.9	16.47	81.5	15.19	63.0	12.03		
		16.4	15.0	114.8	15.78	111.1	15.33	103.7	14.44	100.0	13.99	88.9	12.64	81.5	11.74	63.0	9.43		
		24.0	18.0	114.8	12.91	111.1	12.56	103.7	11.84	100.0	11.48	88.9	10.36	81.5	9.61	63.0	7.67		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	90%	-24.9	-25.0	68.2	23.16	66.5	22.76	63.0	21.93	61.3	21.47	55.8	20.04	52.0	18.98	42.0	15.97		
		-19.8	-20.0	71.5	23.63	69.8	23.23	66.1	22.35	64.3	21.89	58.6	20.40	54.7	19.31	44.2	16.23		
		-14.7	-15.0	76.2	24.36	74.4	23.93	70.6	23.01	68.7	22.53	62.6	20.96	58.5	19.82	47.4	16.61		
		-9.6	-10.0	82.6	25.46	80.6	24.94	76.6	23.96	74.5	23.44	68.0	21.77	63.5	20.55	51.5	17.14		
		-4.4	-5.0	91.0	26.71	88.8	26.24	84.4	25.24	82.1	24.70	75.0	22.91	70.0	21.58	56.7	17.87		
		-1.8	-2.5	96.0	27.19	93.7	26.71	89.1	25.68	86.6	25.11	79.1	23.29	73.3	21.95	56.7	16.23		
		0.8	0.0	101.6	27.63	99.2	27.12	93.3	23.69	90.0	22.91	80.0	20.57	73.3	19.02	56.7	15.10		
		2.8	2.0	103.3	23.77	100.0	23.07	93.3	21.69	90.0	20.99	80.0	18.87	73.3	17.56	56.7	14.16		
		6.0	5.0	103.3	20.66	100.0	20.16	93.3	19.13	90.0	18.60	80.0	16.96	73.3	15.73	56.7	12.59		
		7.0	6.0	103.3	20.25	100.0	19.67	93.3	18.50	90.0	17.92	80.0	16.17	73.3	15.01	56.7	12.06		
		8.6	7.5	103.3	18.63	100.0	18.12	93.3	17.08	90.0	16.57	80.0	15.01	73.3	13.96	56.7	11.30		
		11.2	10.0	103.3	16.09	100.0	15.68	93.3	14.87	90.0	14.45	80.0	13.19	73.3	12.34	56.7	10.11		
		16.4	15.0	103.3	11.70	100.0	11.47	93.3	10.99	90.0	10.74	80.0	9.95	73.3	9.38	56.7	7.84		
		24.0	18.0	103.3	11.55	100.0	11.23	93.3	10.57	90.0	10.25	80.0	9.27	73.3	8.61	56.7	6.98		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
100%	80%	-24.9	-25.0	68.2	23.16	66.5	22.76	63.0	21.93	61.3	21.47	55.8	20.04	52.0	18.98	42.0	15.97		
		-19.8	-20.0	71.5	23.63	69.8	23.23	66.1	22.35	64.3	21.89	58.6	20.40	54.7	19.31	44.2	16.23		
		-14.7	-15.0	76.2	24.36	74.4	23.93	70.6	23.01	68.7	22.53	62.6	20.96	58.5	19.82	47.4	16.61		
		-9.6	-10.0	82.6	25.46	80.6	24.94	76.6	23.96	74.5	23.44	68.0	21.77	63.5	20.55	50.4	17.14		
		-4.4	-5.0	91.0	26.71	88.8	26.24	83.0	21.36	80.0	20.76	71.1	18.93	65.2	17.67	50.4	14.36		
		-1.8	-2.5	91.9	21.35	88.9	20.84	83.0	19.80	80.0	19.27	71.1	17.62	65.2	16.48	50.4	13.55		
		0.8	0.0	91.9	19.50	88.9	19.02	83.0	18.20	80.0	17.77	71.1	16.40	65.2	15.41	50.4	12.71		
		2.8	2.0	91.9	17.94	88.9	17.60	83.0	16.87	80.0	16.48	71.1	15.24	65.2	14.35	50.4	11.88		
		6.0	5.0	91.9	15.86	88.9	15.58	83.0	14.98	80.0	14.65	71.1	13.59	65.2	12.78	50.4	10.56		
		7.0	6.0	91.9	15.43	88.9	15.10	83.0	14.41	80.0	14.06	71.1	12.95	65.2	12.18	50.4	10.12		
		8.6	7.5	91.9	14.10	88.9	13.82	83.0	13.24	80.0	12.94	71.1	11.98	65.2	11.31	50.4	9.47		
		11.2	10.0	91.9	12.03	88.9	11.83	83.0	11.41	80.0	11.19	71.1	10.47	65.2	9.94	50.4	8.45		
		16.4	15.0	91.9	10.43	88.9	10.14	83.0	9.56	80.0	9.27	71.1	8.39	65.2	7.81	50.4	6.49		
		24.0	18.0	91.9	10.43	88.9	10.14	83.0	9.56	80.0	9.27	71.1	8.39	65.2	7.81	50.4	6.36		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	70%	-24.9	-25.0	68.2	23.16	66.5	22.76	63.0	21.93	61.3	21.47	55.8	20.04	52.0	18.98	42.0	15.97
		-19.8	-20.0	71.5	23.63	69.8	23.23	66.1	22.35	64.3	21.89	58.6	20.40	54.7	19.31	44.1	16.23
		-14.7	-15.0	76.2	24.36	74.4	23.93	70.6	23.01	68.7	22.53	62.2	20.96	57.0	19.82	44.1	14.25
		-9.6	-10.0	80.4	19.93	77.8	19.54	72.6	18.72	70.0	18.29	62.2	16.92	57.0	15.94	44.1	13.30
		-4.4	-5.0	80.4	17.43	77.8	17.16	72.6	16.56	70.0	16.23	62.2	15.15	57.0	14.35	44.1	12.04
		-1.8	-2.5	80.4	16.25	77.8	16.01	72.6	15.48	70.0	15.18	62.2	14.20	57.0	13.47	44.1	11.35
		0.8	0.0	80.4	15.01	77.8	14.80	72.6	14.34	70.0	14.08	62.2	13.21	57.0	12.55	44.1	10.63
		2.8	2.0	80.4	13.79	77.8	13.61	72.6	13.21	70.0	12.99	62.2	12.23	57.0	11.64	44.1	9.91
		6.0	5.0	80.4	12.03	77.8	11.91	72.6	11.60	70.0	11.43	62.2	10.81	57.0	10.31	44.1	8.80
		7.0	6.0	80.4	11.58	77.8	11.42	72.6	11.08	70.0	10.90	62.2	10.28	57.0	9.81	44.1	8.43
		8.6	7.5	80.4	10.51	77.8	10.40	72.6	10.13	70.0	9.99	62.2	9.48	57.0	9.08	44.1	7.88
		11.2	10.0	80.4	9.30	77.8	9.05	72.6	8.68	70.0	8.59	62.2	8.24	57.0	7.96	44.1	7.03
16.4	15.0	80.4	9.30	77.8	9.05	72.6	8.54	70.0	8.29	62.2	7.52	57.0	7.01	44.1	5.74		
24.0	18.0	80.4	9.30	77.8	9.05	72.6	8.54	70.0	8.29	62.2	7.52	57.0	7.01	44.1	5.74		

3. Part Load of Outdoor Unit

32HP (Heating) U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-24.9	-25.0	68.2	23.16	66.5	22.76	62.2	18.37	60.0	17.99	53.3	16.69	48.9	15.65	37.8	12.91
		-19.8	-20.0	68.9	18.24	66.7	17.95	62.2	17.32	60.0	16.99	53.3	15.87	48.9	15.05	37.8	12.45
		-14.7	-15.0	68.9	16.83	66.7	16.60	62.2	16.10	60.0	15.82	53.3	14.86	48.9	14.13	37.8	11.98
		-9.6	-10.0	68.9	15.32	66.7	15.13	62.2	14.71	60.0	14.47	53.3	13.65	48.9	13.00	37.8	11.08
		-4.4	-5.0	68.9	13.54	66.7	13.40	62.2	13.07	60.0	12.87	53.3	12.20	48.9	11.66	37.8	10.02
		-1.8	-2.5	68.9	12.56	66.7	12.44	62.2	12.16	60.0	11.99	53.3	11.40	48.9	10.92	37.8	9.43
		0.8	0.0	68.9	11.53	66.7	11.44	62.2	11.21	60.0	11.07	53.3	10.57	48.9	10.15	37.8	8.82
		2.8	2.0	68.9	10.51	66.7	10.45	62.2	10.28	60.0	10.17	53.3	9.75	48.9	9.39	37.8	8.21
		6.0	5.0	68.9	9.06	66.7	9.03	62.2	8.92	60.0	8.85	53.3	8.52	48.9	8.23	37.8	7.23
		7.0	6.0	68.9	8.58	66.7	8.54	62.2	8.43	60.0	8.36	53.3	8.08	48.9	7.83	37.8	6.96
		8.6	7.5	68.9	8.18	66.7	7.96	62.2	7.70	60.0	7.65	53.3	7.44	48.9	7.24	37.8	6.52
		11.2	10.0	68.9	8.18	66.7	7.96	62.2	7.52	60.0	7.31	53.3	6.65	48.9	6.34	37.8	5.81
		16.4	15.0	68.9	8.18	66.7	7.96	62.2	7.52	60.0	7.31	53.3	6.65	48.9	6.22	37.8	5.13
		24.0	18.0	68.9	8.18	66.7	7.96	62.2	7.52	60.0	7.31	53.3	6.65	48.9	6.22	37.8	5.13
100%	50%	-24.9	-25.0	57.4	14.92	55.6	14.75	51.9	14.36	50.0	14.14	44.4	13.38	40.7	12.77	31.5	10.72
		-19.8	-20.0	57.4	14.14	55.6	13.99	51.9	13.65	50.0	13.45	44.4	12.74	40.7	12.19	31.5	10.44
		-14.7	-15.0	57.4	13.13	55.6	13.01	51.9	12.71	50.0	12.54	44.4	11.92	40.7	11.42	31.5	9.87
		-9.6	-10.0	57.4	11.88	55.6	11.80	51.9	11.57	50.0	11.43	44.4	10.91	40.7	10.49	31.5	9.12
		-4.4	-5.0	57.4	10.43	55.6	10.38	51.9	10.22	50.0	10.11	44.4	9.72	40.7	9.37	31.5	8.24
		-1.8	-2.5	57.4	9.63	55.6	9.59	51.9	9.48	50.0	9.40	44.4	9.07	40.7	8.77	31.5	7.75
		0.8	0.0	57.4	8.79	55.6	8.78	51.9	8.71	50.0	8.65	44.4	8.39	40.7	8.14	31.5	7.25
		2.8	2.0	57.4	7.97	55.6	7.98	51.9	7.95	50.0	7.91	44.4	7.72	40.7	7.52	31.5	6.73
		6.0	5.0	57.4	7.05	55.6	6.87	51.9	6.76	50.0	6.75	44.4	6.64	40.7	6.51	31.5	5.90
		7.0	6.0	57.4	7.05	55.6	6.87	51.9	6.51	50.0	6.37	44.4	6.30	40.7	6.19	31.5	5.70
		8.6	7.5	57.4	7.05	55.6	6.87	51.9	6.51	50.0	6.32	44.4	5.81	40.7	5.74	31.5	5.34
		11.2	10.0	57.4	7.05	55.6	6.87	51.9	6.51	50.0	6.32	44.4	5.78	40.7	5.42	31.5	4.78
		16.4	15.0	57.4	7.05	55.6	6.87	51.9	6.51	50.0	6.32	44.4	5.78	40.7	5.42	31.5	4.51
		24.0	18.0	57.4	7.05	55.6	6.87	51.9	6.51	50.0	6.32	44.4	5.78	40.7	5.42	31.5	4.51
100%	40%	-24.9	-25.0	45.9	11.48	44.4	11.39	41.5	11.16	40.0	11.03	35.6	10.52	32.6	10.11	25.2	8.72
		-19.8	-20.0	45.9	10.86	44.4	10.79	41.5	10.59	40.0	10.47	35.6	10.03	32.6	9.65	25.2	8.43
		-14.7	-15.0	45.9	10.06	44.4	10.00	41.5	9.85	40.0	9.75	35.6	9.37	32.6	9.04	25.2	7.95
		-9.6	-10.0	45.9	9.08	44.4	9.05	41.5	8.94	40.0	8.87	35.6	8.57	32.6	8.29	25.2	7.35
		-4.4	-5.0	45.9	7.93	44.4	7.93	41.5	7.88	40.0	7.83	35.6	7.62	32.6	7.41	25.2	6.64
		-1.8	-2.5	45.9	7.30	44.4	7.31	41.5	7.30	40.0	7.27	35.6	7.11	32.6	6.93	25.2	6.26
		0.8	0.0	45.9	6.65	44.4	6.68	41.5	6.69	40.0	6.68	35.6	6.56	32.6	6.41	25.2	5.83
		2.8	2.0	45.9	5.95	44.4	5.98	41.5	6.01	40.0	6.02	35.6	5.96	32.6	5.86	25.2	5.40
		6.0	5.0	45.9	5.92	44.4	5.78	41.5	5.49	40.0	5.34	35.6	5.13	32.6	5.09	25.2	4.77
		7.0	6.0	45.9	5.92	44.4	5.78	41.5	5.49	40.0	5.34	35.6	4.91	32.6	4.85	25.2	4.61
		8.6	7.5	45.9	5.92	44.4	5.78	41.5	5.49	40.0	5.34	35.6	4.91	32.6	4.62	25.2	4.33
		11.2	10.0	45.9	5.92	44.4	5.78	41.5	5.49	40.0	5.34	35.6	4.91	32.6	4.62	25.2	3.90
		16.4	15.0	45.9	5.92	44.4	5.78	41.5	5.49	40.0	5.34	35.6	4.91	32.6	4.62	25.2	3.89
		24.0	18.0	45.9	5.92	44.4	5.78	41.5	5.49	40.0	5.34	35.6	4.91	32.6	4.62	25.2	3.89
100%	30%	-24.9	-25.0	34.4	8.52	33.3	8.47	31.1	8.36	30.0	8.28	26.7	7.97	24.4	7.70	18.9	6.80
		-19.8	-20.0	34.4	8.06	33.3	8.03	31.1	7.93	30.0	7.87	26.7	7.60	24.4	7.36	18.9	6.54
		-14.7	-15.0	34.4	7.46	33.3	7.44	31.1	7.38	30.0	7.33	26.7	7.11	24.4	6.90	18.9	6.17
		-9.6	-10.0	34.4	6.74	33.3	6.73	31.1	6.70	30.0	6.67	26.7	6.51	24.4	6.34	18.9	5.73
		-4.4	-5.0	34.4	5.85	33.3	5.87	31.1	5.87	30.0	5.86	26.7	5.77	24.4	5.65	18.9	5.17
		-1.8	-2.5	34.4	5.33	33.3	5.36	31.1	5.39	30.0	5.40	26.7	5.35	24.4	5.26	18.9	4.86
		0.8	0.0	34.4	4.81	33.3	4.84	31.1	4.90	30.0	4.92	26.7	4.91	24.4	4.86	18.9	4.55
		2.8	2.0	34.4	4.80	33.3	4.69	31.1	4.47	30.0	4.45	26.7	4.49	24.4	4.47	18.9	4.23
		6.0	5.0	34.4	4.80	33.3	4.69	31.1	4.47	30.0	4.36	26.7	4.04	24.4	3.92	18.9	3.80
		7.0	6.0	34.4	4.80	33.3	4.69	31.1	4.47	30.0	4.36	26.7	4.04	24.4	3.82	18.9	3.66
		8.6	7.5	34.4	4.80	33.3	4.69	31.1	4.47	30.0	4.36	26.7	4.04	24.4	3.82	18.9	3.46
		11.2	10.0	34.4	4.80	33.3	4.69	31.1	4.47	30.0	4.36	26.7	4.04	24.4	3.82	18.9	3.27
		16.4	15.0	34.4	4.80	33.3	4.69	31.1	4.47	30.0	4.36	26.7	4.04	24.4	3.82	18.9	3.27
		24.0	18.0	34.4	4.80	33.3	4.69	31.1	4.47	30.0	4.36	26.7	4.04	24.4	3.82	18.9	3.27

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-27. 34HP (Cooling) U-10ME2E8+U-12ME2E8+U-12ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	64.0	6.50	76.8	7.80	89.6	9.10	96.0	9.75	108.8	11.05	121.6	12.35	134.4	13.65
		-5.0	64.0	6.51	76.8	7.81	89.6	9.11	96.0	9.76	108.8	11.07	121.6	12.36	134.4	13.66
		0.0	64.0	6.53	76.8	7.83	89.6	9.13	96.0	9.78	108.8	11.08	121.6	12.39	134.4	13.70
		5.0	64.0	6.55	76.8	7.85	89.6	9.15	96.0	9.81	108.8	11.14	121.6	12.49	134.4	13.82
		10.0	64.0	6.57	76.8	7.90	89.6	9.26	96.0	9.95	108.8	11.34	121.6	12.76	134.4	14.12
		15.0	64.0	6.72	76.8	8.17	89.6	9.66	96.0	10.42	108.8	11.95	121.6	13.49	134.4	14.91
		20.0	64.0	7.61	76.8	9.33	89.6	11.26	96.0	12.29	108.8	14.53	121.6	16.98	134.4	19.65
		25.0	64.0	9.75	76.8	12.01	89.6	14.48	96.0	15.80	108.8	18.61	121.6	21.64	134.4	24.90
		30.0	64.0	12.18	76.8	14.98	89.6	18.01	96.0	19.62	108.8	23.01	121.6	26.65	134.4	30.53
		35.0	64.0	14.79	76.8	18.17	89.6	21.80	96.0	23.72	108.8	27.75	121.6	32.04	128.6	33.18
		40.0	64.0	17.60	76.8	21.60	89.6	25.89	96.0	28.14	108.8	32.86	113.9	33.17	118.8	33.18
		43.0	64.0	19.38	76.8	23.79	89.6	28.50	96.0	30.97	104.0	33.18	108.9	33.18	111.2	31.49
		46.0	63.4	21.06	76.0	25.86	80.8	26.30	81.6	25.60	83.8	24.43	86.6	23.51	89.9	22.79
		52.0	27.6	9.11	30.1	9.20	33.0	9.37	34.6	9.48	38.1	9.72	42.0	10.00	46.2	10.29

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	57.6	5.24	69.1	6.58	80.6	7.88	86.4	8.52	97.9	9.78	109.4	11.01	121.0	12.21
		-5.0	57.6	5.25	69.1	6.59	80.6	7.89	86.4	8.53	97.9	9.79	109.4	11.02	121.0	12.23
		0.0	57.6	5.26	69.1	6.60	80.6	7.91	86.4	8.55	97.9	9.81	109.4	11.04	121.0	12.24
		5.0	57.6	5.28	69.1	6.63	80.6	7.93	86.4	8.57	97.9	9.83	109.4	11.07	121.0	12.30
		10.0	57.6	5.31	69.1	6.65	80.6	7.97	86.4	8.63	97.9	9.93	109.4	11.21	121.0	12.47
		15.0	57.6	5.38	69.1	6.78	80.6	8.19	86.4	8.88	97.9	10.25	109.4	11.60	121.0	12.92
		20.0	57.6	5.90	69.1	7.51	80.6	9.07	86.4	9.83	97.9	11.31	109.4	12.97	121.0	14.74
		25.0	57.6	7.93	69.1	9.77	80.6	11.67	86.4	12.64	97.9	14.64	109.4	16.69	121.0	18.80
		30.0	57.6	10.18	69.1	12.40	80.6	14.67	86.4	15.82	97.9	18.15	109.4	20.53	121.0	22.98
		35.0	57.6	12.98	69.1	15.68	80.6	18.40	86.4	19.78	97.9	22.57	109.4	25.43	121.0	28.40
		40.0	57.6	15.46	69.1	18.56	80.6	21.67	86.4	23.25	97.9	26.48	109.4	29.84	118.8	33.18
		43.0	57.6	17.00	69.1	20.34	80.6	23.72	86.4	25.44	97.9	28.98	108.9	33.18	111.2	31.49
		46.0	57.6	18.19	69.1	22.03	80.6	26.06	81.6	25.60	83.8	24.43	86.6	23.51	89.9	22.79
		52.0	27.6	9.11	30.1	9.20	33.0	9.37	34.6	9.48	38.1	9.72	42.0	10.00	46.2	10.29

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	51.2	4.49	61.4	5.70	71.7	6.88	76.8	7.46	87.0	8.61	97.3	9.73	107.5	10.83
		-5.0	51.2	4.50	61.4	5.71	71.7	6.89	76.8	7.47	87.0	8.62	97.3	9.74	107.5	10.84
		0.0	51.2	4.51	61.4	5.72	71.7	6.91	76.8	7.49	87.0	8.64	97.3	9.76	107.5	10.86
		5.0	51.2	4.52	61.4	5.74	71.7	6.93	76.8	7.51	87.0	8.66	97.3	9.78	107.5	10.88
		10.0	51.2	4.55	61.4	5.77	71.7	6.95	76.8	7.53	87.0	8.69	97.3	9.82	107.5	10.94
		15.0	51.2	4.58	61.4	5.81	71.7	7.03	76.8	7.63	87.0	8.83	97.3	10.00	107.5	11.16
		20.0	51.2	4.81	61.4	6.15	71.7	7.46	76.8	8.11	87.0	9.37	97.3	10.60	107.5	11.79
		25.0	51.2	6.47	61.4	7.85	71.7	9.27	76.8	9.98	87.0	11.43	97.3	12.90	107.5	14.38
		30.0	51.2	8.43	61.4	10.16	71.7	11.89	76.8	12.77	87.0	14.51	97.3	16.26	107.5	18.02
		35.0	51.2	10.89	61.4	13.03	71.7	15.16	76.8	16.22	87.0	18.33	97.3	20.44	107.5	22.56
		40.0	51.2	13.09	61.4	15.58	71.7	18.03	76.8	19.25	87.0	21.69	97.3	24.13	107.5	26.60
		43.0	51.2	14.45	61.4	17.15	71.7	19.81	76.8	21.14	87.0	23.79	97.3	26.47	107.5	29.22
		46.0	51.2	15.41	61.4	18.40	71.7	21.47	76.8	23.03	83.8	24.43	86.6	23.51	89.9	22.79
		52.0	27.6	9.11	30.1	9.20	33.0	9.37	34.6	9.48	38.1	9.72	42.0	10.00	46.2	10.29

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	44.8	3.72	53.8	4.80	62.7	5.86	67.2	6.38	76.2	7.41	85.1	8.41	94.1	9.40
		-5.0	44.8	3.73	53.8	4.81	62.7	5.87	67.2	6.39	76.2	7.42	85.1	8.42	94.1	9.41
		0.0	44.8	3.74	53.8	4.82	62.7	5.88	67.2	6.40	76.2	7.43	85.1	8.44	94.1	9.43
		5.0	44.8	3.75	53.8	4.84	62.7	5.90	67.2	6.42	76.2	7.45	85.1	8.46	94.1	9.45
		10.0	44.8	3.77	53.8	4.86	62.7	5.92	67.2	6.44	76.2	7.47	85.1	8.48	94.1	9.47
		15.0	44.8	3.81	53.8	4.89	62.7	5.95	67.2	6.47	76.2	7.51	85.1	8.53	94.1	9.54
		20.0	44.8	3.88	53.8	5.01	62.7	6.12	67.2	6.66	76.2	7.74	85.1	8.79	94.1	9.82
		25.0	44.8	4.84	53.8	6.01	62.7	7.12	67.2	7.67	76.2	8.73	85.1	9.75	94.1	10.75
		30.0	44.8	6.83	53.8	8.13	62.7	9.40	67.2	10.03	76.2	11.27	85.1	12.50	94.1	13.70
		35.0	44.8	8.96	53.8	10.61	62.7	12.21	67.2	13.00	76.2	14.55	85.1	16.07	94.1	17.55
		40.0	44.8	10.88	53.8	12.83	62.7	14.71	67.2	15.63	76.2	17.44	85.1	19.21	94.1	20.94
		43.0	44.8	12.07	53.8	14.20	62.7	16.25	67.2	17.26	76.2	19.23	85.1	21.16	94.1	23.06
		46.0	44.8	12.89	53.8	15.16	62.7	17.44	67.2	18.58	76.2	20.86	85.1	22.33	89.9	22.79
		52.0	27.6	9.11	30.1	9.20	33.0	9.37	34.6	9.48	38.1	9.72	42.0	10.00	46.2	10.29

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

34HP (Cooling) U-10ME2E8+U-12ME2E8+U-12ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	38.4	2.94	46.1	3.89	53.8	4.81	57.6	5.27	65.3	6.17	73.0	7.06	80.6	7.92
		-5.0	38.4	2.95	46.1	3.89	53.8	4.82	57.6	5.28	65.3	6.18	73.0	7.06	80.6	7.93
		0.0	38.4	2.96	46.1	3.90	53.8	4.83	57.6	5.29	65.3	6.19	73.0	7.07	80.6	7.94
		5.0	38.4	2.97	46.1	3.91	53.8	4.84	57.6	5.30	65.3	6.20	73.0	7.09	80.6	7.96
		10.0	38.4	2.99	46.1	3.93	53.8	4.86	57.6	5.32	65.3	6.22	73.0	7.11	80.6	7.98
		15.0	38.4	3.01	46.1	3.96	53.8	4.89	57.6	5.35	65.3	6.25	73.0	7.13	80.6	8.00
		20.0	38.4	3.05	46.1	4.00	53.8	4.93	57.6	5.40	65.3	6.31	73.0	7.21	80.6	8.09
		25.0	38.4	3.40	46.1	4.37	53.8	5.32	57.6	5.79	65.3	6.70	73.0	7.59	80.6	8.47
		30.0	38.4	5.40	46.1	6.32	53.8	7.21	57.6	7.63	65.3	8.46	73.0	9.25	80.6	10.00
		35.0	38.4	7.19	46.1	8.40	53.8	9.56	57.6	10.11	65.3	11.19	73.0	12.21	80.6	13.18
		40.0	38.4	8.83	46.1	10.30	53.8	11.70	57.6	12.37	65.3	13.66	73.0	14.88	80.6	16.05
		43.0	38.4	9.85	46.1	11.47	53.8	13.01	57.6	13.75	65.3	15.17	73.0	16.52	80.6	17.82
		46.0	38.4	10.63	46.1	12.30	53.8	13.93	57.6	14.73	65.3	16.30	73.0	17.83	80.6	19.33
		52.0	27.6	9.11	30.1	9.20	33.0	9.37	34.6	9.48	38.1	9.72	42.0	10.00	46.2	10.29

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	32.0	2.15	38.4	2.95	44.8	3.74	48.0	4.13	54.4	4.90	60.8	5.65	67.2	6.39
		-5.0	32.0	2.16	38.4	2.96	44.8	3.75	48.0	4.14	54.4	4.90	60.8	5.66	67.2	6.40
		0.0	32.0	2.17	38.4	2.97	44.8	3.75	48.0	4.14	54.4	4.91	60.8	5.67	67.2	6.41
		5.0	32.0	2.17	38.4	2.98	44.8	3.76	48.0	4.15	54.4	4.92	60.8	5.68	67.2	6.42
		10.0	32.0	2.19	38.4	2.99	44.8	3.78	48.0	4.17	54.4	4.94	60.8	5.69	67.2	6.44
		15.0	32.0	2.21	38.4	3.01	44.8	3.80	48.0	4.19	54.4	4.96	60.8	5.72	67.2	6.46
		20.0	32.0	2.24	38.4	3.04	44.8	3.83	48.0	4.22	54.4	4.99	60.8	5.74	67.2	6.48
		25.0	32.0	2.33	38.4	3.13	44.8	3.92	48.0	4.31	54.4	5.72	60.8	5.84	67.2	6.58
		30.0	32.0	4.12	38.4	4.69	44.8	5.05	48.0	5.29	54.4	5.86	60.8	6.48	67.2	7.13
		35.0	32.0	5.57	38.4	6.42	44.8	7.20	48.0	7.56	54.4	8.24	60.8	8.86	67.2	9.43
		40.0	32.0	6.94	38.4	8.00	44.8	8.98	48.0	9.43	54.4	10.29	60.8	11.08	67.2	11.80
		43.0	32.0	7.78	38.4	8.97	44.8	10.07	48.0	10.58	54.4	11.55	60.8	12.44	67.2	13.26
		46.0	32.0	8.61	38.4	9.79	44.8	10.91	48.0	11.44	54.4	12.46	60.8	13.41	67.2	14.32
		52.0	27.6	9.11	30.1	9.20	33.0	9.37	34.6	9.48	38.1	9.72	42.0	10.00	46.2	10.29

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	25.6	1.35	30.7	2.00	35.8	2.64	38.4	2.96	43.5	3.59	48.6	4.21	53.8	4.82
		-5.0	25.6	1.35	30.7	2.00	35.8	2.65	38.4	2.96	43.5	3.59	48.6	4.21	53.8	4.83
		0.0	25.6	1.36	30.7	2.01	35.8	2.65	38.4	2.97	43.5	3.60	48.6	4.22	53.8	4.84
		5.0	25.6	1.36	30.7	2.02	35.8	2.66	38.4	2.98	43.5	3.61	48.6	4.23	53.8	4.85
		10.0	25.6	1.37	30.7	2.03	35.8	2.67	38.4	2.99	43.5	3.62	48.6	4.24	53.8	4.86
		15.0	25.6	1.39	30.7	2.04	35.8	2.69	38.4	3.00	43.5	3.63	48.6	4.26	53.8	4.88
		20.0	25.6	1.41	30.7	2.07	35.8	2.71	38.4	3.03	43.5	3.66	48.6	4.28	53.8	4.91
		25.0	25.6	1.46	30.7	2.11	35.8	2.75	38.4	3.07	43.5	3.69	48.6	4.32	53.8	4.95
		30.0	25.6	2.09	30.7	2.49	35.8	3.01	38.4	3.28	43.5	3.86	48.6	4.51	53.8	5.21
		35.0	25.6	4.13	30.7	4.68	35.8	5.15	38.4	5.37	43.5	5.75	48.6	6.22	53.8	6.83
		40.0	25.6	5.22	30.7	5.93	35.8	6.56	38.4	6.84	43.5	7.35	48.6	7.79	53.8	8.17
		43.0	25.6	5.89	30.7	6.70	35.8	7.43	38.4	7.75	43.5	8.35	48.6	8.87	53.8	9.32
		46.0	25.6	6.82	30.7	7.60	35.8	8.32	38.4	8.65	43.5	9.26	48.6	9.80	53.8	10.28
		52.0	25.6	8.08	30.1	9.20	33.0	9.37	34.6	9.48	38.1	9.72	42.0	10.00	46.2	10.29

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	19.2	0.53	23.0	1.03	26.9	1.52	28.8	1.77	32.6	2.26	36.5	2.74	40.3	3.21
		-5.0	19.2	0.53	23.0	1.03	26.9	1.53	28.8	1.77	32.6	2.26	36.5	2.75	40.3	3.22
		0.0	19.2	0.54	23.0	1.03	26.9	1.53	28.8	1.78	32.6	2.27	36.5	2.76	40.3	3.23
		5.0	19.2	0.54	23.0	1.04	26.9	1.54	28.8	1.79	32.6	2.28	36.5	2.77	40.3	3.25
		10.0	19.2	0.55	23.0	1.05	26.9	1.55	28.8	1.80	32.6	2.29	36.5	2.78	40.3	3.26
		15.0	19.2	0.56	23.0	1.06	26.9	1.56	28.8	1.81	32.6	2.31	36.5	2.80	40.3	3.28
		20.0	19.2	0.57	23.0	1.07	26.9	1.58	28.8	1.83	32.6	2.34	36.5	2.83	40.3	3.31
		25.0	19.2	0.61	23.0	1.10	26.9	1.61	28.8	1.87	32.6	2.37	36.5	2.88	40.3	3.40
		30.0	19.2	0.71	23.0	1.17	26.9	1.68	28.8	1.98	32.6	2.59	36.5	3.18	40.3	3.75
		35.0	19.2	2.86	23.0	3.18	26.9	3.54	28.8	3.79	32.6	4.27	36.5	4.74	40.3	5.20
		40.0	19.2	3.66	23.0	4.09	26.9	4.45	28.8	4.60	32.6	4.85	36.5	5.05	40.3	5.20
		43.0	19.2	4.16	23.0	4.67	26.9	5.09	28.8	5.28	32.6	5.59	36.5	5.84	40.3	6.03
		46.0	19.2	5.23	23.0	5.71	26.9	6.12	28.8	6.31	32.6	6.62	36.5	6.88	40.3	7.09
		52.0	19.2	6.14	23.0	6.76	26.9	7.31	28.8	7.56	32.6	7.80	36.5	7.93	40.3	7.98

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-28. 34HP (Heating) U-10ME2E8+U-12ME2E8+U-12ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-24.9	-25.0	80.8	27.81	78.7	27.30	74.5	26.23	72.4	25.66	65.7	23.83	61.1	22.50	49.0	18.76
		-19.8	-20.0	84.9	28.46	82.7	27.94	78.3	26.81	76.0	26.22	69.1	24.32	64.3	22.94	51.7	19.08
		-14.7	-15.0	90.7	29.44	88.4	28.87	83.7	27.69	81.3	27.06	73.9	25.06	68.8	23.60	55.4	19.57
		-9.6	-10.0	98.4	30.94	96.0	30.31	90.9	28.93	88.3	28.18	80.4	26.08	74.8	24.52	60.2	20.22
		-4.4	-5.0	108.0	32.06	105.8	31.69	100.2	30.38	97.4	29.68	88.6	27.40	82.5	25.73	66.3	21.12
		-1.8	-2.5	112.8	32.06	111.3	32.06	105.7	30.85	102.7	30.13	93.4	27.78	87.0	26.09	68.0	20.60
		0.8	0.0	118.4	32.06	116.7	32.06	111.8	31.27	108.0	30.21	96.0	26.83	88.0	24.61	68.0	19.15
		2.8	2.0	124.0	31.85	120.0	30.81	112.0	28.74	108.0	27.71	96.0	24.67	88.0	22.66	68.0	17.72
		6.0	5.0	124.0	27.55	120.0	26.68	112.0	24.96	108.0	24.10	96.0	21.54	88.0	19.81	68.0	15.61
		7.0	6.0	124.0	26.16	120.0	25.35	112.0	23.74	108.0	22.90	96.0	20.50	88.0	18.91	68.0	14.95
		8.6	7.5	124.0	24.10	120.0	23.37	112.0	21.92	108.0	21.20	96.0	19.03	88.0	17.60	68.0	13.99
		11.2	10.0	124.0	20.91	120.0	20.32	112.0	19.14	108.0	18.54	96.0	16.76	88.0	15.55	68.0	12.49
		16.4	15.0	124.0	15.33	120.0	14.97	112.0	14.22	108.0	13.83	96.0	12.64	88.0	11.81	68.0	9.61
		24.0	18.0	124.0	13.91	120.0	13.50	112.0	12.68	108.0	12.27	96.0	11.04	88.0	10.21	68.0	8.16

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-24.9	-25.0	80.8	27.81	78.7	27.30	74.5	26.23	72.4	25.66	65.7	23.83	61.1	22.50	49.0	18.76
		-19.8	-20.0	84.9	28.46	82.7	27.94	78.3	26.81	76.0	26.22	69.1	24.32	64.3	22.94	51.7	19.08
		-14.7	-15.0	90.7	29.44	88.4	28.87	83.7	27.69	81.3	27.06	73.9	25.06	68.8	23.60	55.4	19.57
		-9.6	-10.0	98.4	30.94	96.0	30.31	90.9	28.93	88.3	28.18	80.4	26.08	74.8	24.52	60.2	20.22
		-4.4	-5.0	108.0	32.06	105.8	31.69	100.2	30.38	97.2	29.68	86.4	24.95	79.2	23.10	61.2	18.38
		-1.8	-2.5	111.6	28.98	108.0	28.17	100.8	26.54	97.2	25.72	86.4	23.23	79.2	21.53	61.2	17.21
		0.8	0.0	111.6	26.54	108.0	25.83	100.8	24.38	97.2	23.65	86.4	21.42	79.2	19.90	61.2	15.98
		2.8	2.0	111.6	24.10	108.0	23.48	100.8	22.21	97.2	21.57	86.4	19.61	79.2	18.27	61.2	14.87
		6.0	5.0	111.6	20.82	108.0	20.38	100.8	19.45	97.2	18.96	86.4	17.41	79.2	16.26	61.2	13.18
		7.0	6.0	111.6	20.23	108.0	19.73	100.8	18.71	97.2	18.19	86.4	16.59	79.2	15.49	61.2	12.61
		8.6	7.5	111.6	18.53	108.0	18.10	100.8	17.21	97.2	16.76	86.4	15.35	79.2	14.37	61.2	11.79
		11.2	10.0	111.6	15.88	108.0	15.55	100.8	14.87	97.2	14.52	86.4	13.41	79.2	12.63	61.2	10.49
		16.4	15.0	111.6	12.64	108.0	12.27	100.8	11.53	97.2	11.16	86.4	10.05	79.2	9.41	61.2	7.96
		24.0	18.0	111.6	12.64	108.0	12.27	100.8	11.53	97.2	11.16	86.4	10.05	79.2	9.31	61.2	7.46

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-24.9	-25.0	80.8	27.81	78.7	27.30	74.5	26.23	72.4	25.66	65.7	23.83	61.1	22.50	49.0	18.76
		-19.8	-20.0	84.9	28.46	82.7	27.94	78.3	26.81	76.0	26.22	69.1	24.32	64.3	22.94	51.7	19.08
		-14.7	-15.0	90.7	29.44	88.4	28.87	83.7	27.69	81.3	27.06	73.9	25.06	68.8	23.60	54.4	19.57
		-9.6	-10.0	98.4	30.94	96.0	30.31	89.6	25.38	86.4	24.69	76.8	22.56	70.4	21.08	54.4	17.11
		-4.4	-5.0	99.2	23.88	96.0	23.35	89.6	22.26	86.4	21.70	76.8	19.92	70.4	18.67	54.4	15.30
		-1.8	-2.5	99.2	21.97	96.0	21.51	89.6	20.56	86.4	20.06	76.8	18.48	70.4	17.37	54.4	14.38
		0.8	0.0	99.2	19.95	96.0	19.60	89.6	18.85	86.4	18.45	76.8	17.13	70.4	16.17	54.4	13.44
		2.8	2.0	99.2	18.33	96.0	18.03	89.6	17.38	86.4	17.02	76.8	15.85	70.4	14.98	54.4	12.50
		6.0	5.0	99.2	16.04	96.0	15.80	89.6	15.27	86.4	14.98	76.8	13.99	70.4	13.23	54.4	11.04
		7.0	6.0	99.2	15.42	96.0	15.15	89.6	14.58	86.4	14.28	76.8	13.30	70.4	12.58	54.4	10.57
		8.6	7.5	99.2	14.01	96.0	13.80	89.6	13.33	86.4	13.08	76.8	12.26	70.4	11.64	54.4	9.86
		11.2	10.0	99.2	11.87	96.0	11.73	89.6	11.41	86.4	11.24	76.8	10.63	70.4	10.17	54.4	8.75
		16.4	15.0	99.2	11.36	96.0	11.04	89.6	10.38	86.4	10.05	76.8	9.07	70.4	8.41	54.4	6.77
		24.0	18.0	99.2	11.36	96.0	11.04	89.6	10.38	86.4	10.05	76.8	9.07	70.4	8.41	54.4	6.77

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
100%	70%	-24.9	-25.0	80.8	27.81	78.7	27.30	74.5	26.23	72.4	25.66	65.7	23.83	61.1	22.50	47.6	16.80
		-19.8	-20.0	84.9	28.46	82.7	27.94	78.3	26.81	75.6	23.20	67.2	21.33	61.6	19.91	47.6	16.15
		-14.7	-15.0	86.8	23.31	84.0	22.87	78.4	21.94	75.6	21.45	67.2	19.87	61.6	18.72	47.6	15.45
		-9.6	-10.0	86.8	20.86	84.0	20.50	78.4	19.73	75.6	19.32	67.2	17.97	61.6	17.01	47.6	14.26
		-4.4	-5.0	86.8	18.24	84.0	17.99	78.4	17.42	75.6	17.11	67.2	16.04	61.6	15.24	47.6	12.85
		-1.8	-2.5	86.8	16.92	84.0	16.70	78.4	16.21	75.6	15.93	67.2	14.98	61.6	14.25	47.6	12.07
		0.8	0.0	86.8	15.54	84.0	15.36	78.4	14.94	75.6	14.70	67.2	13.87	61.6	13.21	47.6	11.25
		2.8	2.0	86.8	14.17	84.0	14.03	78.4	13.69	75.6	13.49	67.2	12.78	61.6	12.20	47.6	10.45
		6.0	5.0	86.8	12.21	84.0	12.12	78.4	11.87	75.6	11.72	67.2	11.14	61.6	10.66	47.6	9.14
		7.0	6.0	86.8	11.56	84.0	11.46	78.4	11.21	75.6	11.07	67.2	10.55	61.6	10.12	47.6	8.79
		8.6	7.5	86.8	10.45	84.0	10.38	78.4	10.21	75.6	10.10	67.2	9.69	61.6	9.34	47.6	8.19
		11.2	10.0	86.8	10.09	84.0	9.80	78.4	9.23	75.6	8.94	67.2	8.37	61.6	8.12	47.6	7.25
		16.4	15.0	86.8	10.09	84.0	9.80	78.4	9.23	75.6	8.94	67.2	8.08	61.6	7.51	47.6	6.07
24.0	18.0	86.8	10.09	84.0	9.80	78.4	9.23	75.6	8.94	67.2	8.08	61.6	7.51	47.6	6.07		

3. Part Load of Outdoor Unit

34HP (Heating) U-10ME2E8+U-12ME2E8+U-12ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-24.9	-25.0	74.4	20.63	72.0	20.31	67.2	19.63	64.8	19.26	57.6	18.00	52.8	17.00	40.8	14.00
		-19.8	-20.0	74.4	19.37	72.0	19.09	67.2	18.52	64.8	18.20	57.6	17.10	52.8	16.26	40.8	13.59
		-14.7	-15.0	74.4	17.96	72.0	17.75	67.2	17.25	64.8	16.96	57.6	15.98	52.8	15.21	40.8	12.92
		-9.6	-10.0	74.4	16.26	72.0	16.08	67.2	15.68	64.8	15.44	57.6	14.60	52.8	13.93	40.8	11.89
		-4.4	-5.0	74.4	14.25	72.0	14.13	67.2	13.82	64.8	13.63	57.6	12.96	52.8	12.41	40.8	10.69
		-1.8	-2.5	74.4	13.15	72.0	13.05	67.2	12.80	64.8	12.64	57.6	12.06	52.8	11.58	40.8	10.03
		0.8	0.0	74.4	12.00	72.0	11.93	67.2	11.74	64.8	11.62	57.6	11.13	52.8	10.72	40.8	9.34
		2.8	2.0	74.4	10.86	72.0	10.82	67.2	10.69	64.8	10.60	57.6	10.21	52.8	9.86	40.8	8.65
		6.0	5.0	74.4	9.18	72.0	9.16	67.2	9.08	64.8	9.02	57.6	8.76	52.8	8.50	40.8	7.50
		7.0	6.0	74.4	8.82	72.0	8.58	67.2	8.53	64.8	8.49	57.6	8.28	52.8	8.06	40.8	7.23
		8.6	7.5	74.4	8.82	72.0	8.57	67.2	8.08	64.8	7.83	57.6	7.59	52.8	7.43	40.8	6.74
		11.2	10.0	74.4	8.82	72.0	8.57	67.2	8.08	64.8	7.83	57.6	7.09	52.8	6.60	40.8	5.96
		16.4	15.0	74.4	8.82	72.0	8.57	67.2	8.08	64.8	7.83	57.6	7.09	52.8	6.60	40.8	5.37
		24.0	18.0	74.4	8.82	72.0	8.57	67.2	8.08	64.8	7.83	57.6	7.09	52.8	6.60	40.8	5.37
100%	50%	-24.9	-25.0	62.0	16.08	60.0	15.91	56.0	15.51	54.0	15.28	48.0	14.47	44.0	13.82	34.0	11.58
		-19.8	-20.0	62.0	15.20	60.0	15.06	56.0	14.70	54.0	14.50	48.0	13.75	44.0	13.16	34.0	11.28
		-14.7	-15.0	62.0	14.05	60.0	13.94	56.0	13.65	54.0	13.47	48.0	12.83	44.0	12.30	34.0	10.61
		-9.6	-10.0	62.0	12.66	60.0	12.57	56.0	12.35	54.0	12.21	48.0	11.68	44.0	11.24	34.0	9.76
		-4.4	-5.0	62.0	11.01	60.0	10.97	56.0	10.83	54.0	10.73	48.0	10.34	44.0	9.98	34.0	8.77
		-1.8	-2.5	62.0	10.11	60.0	10.09	56.0	10.00	54.0	9.93	48.0	9.60	44.0	9.30	34.0	8.22
		0.8	0.0	62.0	9.17	60.0	9.18	56.0	9.13	54.0	9.09	48.0	8.84	44.0	8.59	34.0	7.64
		2.8	2.0	62.0	8.25	60.0	8.25	56.0	8.23	54.0	8.20	48.0	8.02	44.0	7.82	34.0	7.02
		6.0	5.0	62.0	7.55	60.0	7.34	56.0	6.93	54.0	6.86	48.0	6.80	44.0	6.70	34.0	6.11
		7.0	6.0	62.0	7.55	60.0	7.34	56.0	6.93	54.0	6.73	48.0	6.43	44.0	6.35	34.0	5.88
		8.6	7.5	62.0	7.55	60.0	7.34	56.0	6.93	54.0	6.73	48.0	6.11	44.0	5.85	34.0	5.49
		11.2	10.0	62.0	7.55	60.0	7.34	56.0	6.93	54.0	6.73	48.0	6.11	44.0	5.70	34.0	4.86
		16.4	15.0	62.0	7.55	60.0	7.34	56.0	6.93	54.0	6.73	48.0	6.11	44.0	5.70	34.0	4.67
		24.0	18.0	62.0	7.55	60.0	7.34	56.0	6.93	54.0	6.73	48.0	6.11	44.0	5.70	34.0	4.67
100%	40%	-24.9	-25.0	49.6	12.36	48.0	12.27	44.8	12.03	43.2	11.89	38.4	11.35	35.2	10.91	27.2	9.40
		-19.8	-20.0	49.6	11.66	48.0	11.59	44.8	11.39	43.2	11.27	38.4	10.79	35.2	10.38	27.2	9.04
		-14.7	-15.0	49.6	10.76	48.0	10.70	44.8	10.55	43.2	10.45	38.4	10.05	35.2	9.69	27.2	8.49
		-9.6	-10.0	49.6	9.65	48.0	9.62	44.8	9.52	43.2	9.45	38.4	9.14	35.2	8.85	27.2	7.82
		-4.4	-5.0	49.6	8.35	48.0	8.36	44.8	8.32	43.2	8.28	38.4	8.07	35.2	7.85	27.2	7.02
		-1.8	-2.5	49.6	7.64	48.0	7.66	44.8	7.65	43.2	7.62	38.4	7.46	35.2	7.27	27.2	6.55
		0.8	0.0	49.6	6.81	48.0	6.84	44.8	6.87	43.2	6.87	38.4	6.78	35.2	6.65	27.2	6.07
		2.8	2.0	49.6	6.27	48.0	6.11	44.8	6.13	43.2	6.14	38.4	6.12	35.2	6.04	27.2	5.59
		6.0	5.0	49.6	6.27	48.0	6.11	44.8	5.78	43.2	5.62	38.4	5.21	35.2	5.19	27.2	4.91
		7.0	6.0	49.6	6.27	48.0	6.11	44.8	5.78	43.2	5.62	38.4	5.12	35.2	4.93	27.2	4.70
		8.6	7.5	49.6	6.27	48.0	6.11	44.8	5.78	43.2	5.62	38.4	5.12	35.2	4.80	27.2	4.40
		11.2	10.0	49.6	6.27	48.0	6.11	44.8	5.78	43.2	5.62	38.4	5.12	35.2	4.80	27.2	3.97
		16.4	15.0	49.6	6.27	48.0	6.11	44.8	5.78	43.2	5.62	38.4	5.12	35.2	4.80	27.2	3.97
		24.0	18.0	49.6	6.27	48.0	6.11	44.8	5.78	43.2	5.62	38.4	5.12	35.2	4.80	27.2	3.97
100%	30%	-24.9	-25.0	37.2	9.10	36.0	9.06	33.6	8.93	32.4	8.85	28.8	8.52	26.4	8.23	20.4	7.23
		-19.8	-20.0	37.2	8.58	36.0	8.55	33.6	8.45	32.4	8.38	28.8	8.10	26.4	7.83	20.4	6.93
		-14.7	-15.0	37.2	7.91	36.0	7.89	33.6	7.83	32.4	7.77	28.8	7.54	26.4	7.32	20.4	6.52
		-9.6	-10.0	37.2	7.05	36.0	7.06	33.6	7.03	32.4	7.00	28.8	6.83	26.4	6.65	20.4	5.98
		-4.4	-5.0	37.2	5.99	36.0	6.02	33.6	6.05	32.4	6.05	28.8	5.97	26.4	5.86	20.4	5.36
		-1.8	-2.5	37.2	5.42	36.0	5.47	33.6	5.52	32.4	5.54	28.8	5.51	26.4	5.43	20.4	5.02
		0.8	0.0	37.2	5.00	36.0	4.90	33.6	4.98	32.4	5.01	28.8	5.03	26.4	4.98	20.4	4.66
		2.8	2.0	37.2	5.00	36.0	4.88	33.6	4.63	32.4	4.51	28.8	4.55	26.4	4.54	20.4	4.31
		6.0	5.0	37.2	5.00	36.0	4.88	33.6	4.63	32.4	4.51	28.8	4.14	26.4	3.94	20.4	3.82
		7.0	6.0	37.2	5.00	36.0	4.88	33.6	4.63	32.4	4.51	28.8	4.14	26.4	3.89	20.4	3.67
		8.6	7.5	37.2	5.00	36.0	4.88	33.6	4.63	32.4	4.51	28.8	4.14	26.4	3.89	20.4	3.45
		11.2	10.0	37.2	5.00	36.0	4.88	33.6	4.63	32.4	4.51	28.8	4.14	26.4	3.89	20.4	3.28
		16.4	15.0	37.2	5.00	36.0	4.88	33.6	4.63	32.4	4.51	28.8	4.14	26.4	3.89	20.4	3.28
		24.0	18.0	37.2	5.00	36.0	4.88	33.6	4.63	32.4	4.51	28.8	4.14	26.4	3.89	20.4	3.28

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-29. 36HP (Cooling) U-12ME2E8+U-12ME2E8+U-12ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	67.3	7.00	80.8	8.39	94.3	9.79	101.0	10.49	114.5	11.89	127.9	13.29	141.4	14.68
		-5.0	67.3	7.01	80.8	8.41	94.3	9.81	101.0	10.51	114.5	11.91	127.9	13.30	141.4	14.70
		0.0	67.3	7.02	80.8	8.42	94.3	9.83	101.0	10.53	114.5	11.92	127.9	13.31	141.4	14.71
		5.0	67.3	7.04	80.8	8.45	94.3	9.85	101.0	10.56	114.5	12.00	127.9	13.46	141.4	14.89
		10.0	67.3	7.07	80.8	8.51	94.3	9.98	101.0	10.73	114.5	12.24	127.9	13.78	141.4	15.25
		15.0	67.3	7.25	80.8	8.83	94.3	10.45	101.0	11.27	114.5	12.93	127.9	14.61	141.4	16.14
		20.0	67.3	8.27	80.8	10.14	94.3	12.21	101.0	13.33	114.5	15.73	127.9	18.37	141.4	21.24
		25.0	67.3	10.59	80.8	13.02	94.3	15.68	101.0	17.10	114.5	20.12	127.9	23.39	141.4	26.89
		30.0	67.3	13.20	80.8	16.21	94.3	19.48	101.0	21.21	114.5	24.86	127.9	28.77	141.4	32.95
		35.0	67.3	16.01	80.8	19.65	94.3	23.56	101.0	25.62	114.5	29.95	127.9	34.58	135.4	35.84
		40.0	67.3	19.03	80.8	23.35	94.3	27.96	101.0	30.38	114.5	35.46	119.9	35.84	125.1	35.83
		43.0	67.3	20.95	80.8	25.70	94.3	30.77	101.0	33.43	109.5	35.83	114.7	35.84	117.0	33.98
		46.0	66.7	22.76	80.0	27.92	85.0	28.40	85.9	27.65	88.2	26.39	91.1	25.40	94.6	24.62
		52.0	29.1	9.90	31.6	10.00	34.7	10.18	36.4	10.29	40.1	10.56	44.2	10.85	48.6	11.16

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	60.6	5.63	72.7	7.07	84.8	8.48	90.9	9.16	103.0	10.52	115.1	11.84	127.3	13.14
		-5.0	60.6	5.64	72.7	7.08	84.8	8.49	90.9	9.18	103.0	10.53	115.1	11.86	127.3	13.16
		0.0	60.6	5.66	72.7	7.10	84.8	8.51	90.9	9.20	103.0	10.56	115.1	11.87	127.3	13.17
		5.0	60.6	5.68	72.7	7.12	84.8	8.53	90.9	9.22	103.0	10.58	115.1	11.92	127.3	13.24
		10.0	60.6	5.71	72.7	7.15	84.8	8.58	90.9	9.29	103.0	10.70	115.1	12.08	127.3	13.45
		15.0	60.6	5.79	72.7	7.32	84.8	8.84	90.9	9.59	103.0	11.08	115.1	12.54	127.3	13.97
		20.0	60.6	6.41	72.7	8.15	84.8	9.84	90.9	10.66	103.0	12.27	115.1	14.05	127.3	15.95
		25.0	60.6	8.63	72.7	10.61	84.8	12.65	90.9	13.70	103.0	15.85	115.1	18.05	127.3	20.32
		30.0	60.6	11.05	72.7	13.44	84.8	15.88	90.9	17.11	103.0	19.62	115.1	22.19	127.3	24.82
		35.0	60.6	14.07	72.7	16.97	84.8	19.90	90.9	21.38	103.0	24.38	115.1	27.46	127.3	30.66
		40.0	60.6	16.74	72.7	20.06	84.8	23.42	90.9	25.12	103.0	28.59	115.1	32.21	125.1	35.83
		43.0	60.6	18.39	72.7	21.98	84.8	25.62	90.9	27.47	103.0	31.28	114.7	35.84	117.0	33.98
		46.0	60.6	19.67	72.7	23.81	84.8	28.14	85.9	27.65	88.2	26.39	91.1	25.40	94.6	24.62
		52.0	29.1	9.90	31.6	10.00	34.7	10.18	36.4	10.29	40.1	10.56	44.2	10.85	48.6	11.16

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	53.9	4.82	64.6	6.12	75.4	7.40	80.8	8.03	91.6	9.26	102.3	10.47	113.1	11.65
		-5.0	53.9	4.83	64.6	6.14	75.4	7.41	80.8	8.04	91.6	9.27	102.3	10.48	113.1	11.67
		0.0	53.9	4.84	64.6	6.15	75.4	7.43	80.8	8.05	91.6	9.29	102.3	10.50	113.1	11.68
		5.0	53.9	4.86	64.6	6.17	75.4	7.45	80.8	8.08	91.6	9.31	102.3	10.52	113.1	11.70
		10.0	53.9	4.89	64.6	6.20	75.4	7.47	80.8	8.10	91.6	9.35	102.3	10.58	113.1	11.79
		15.0	53.9	4.92	64.6	6.25	75.4	7.57	80.8	8.23	91.6	9.52	102.3	10.79	113.1	12.04
		20.0	53.9	5.20	64.6	6.66	75.4	8.08	80.8	8.78	91.6	10.14	102.3	11.47	113.1	12.76
		25.0	53.9	7.06	64.6	8.55	75.4	10.07	80.8	10.84	91.6	12.40	102.3	13.97	113.1	15.57
		30.0	53.9	9.17	64.6	11.03	75.4	12.89	80.8	13.83	91.6	15.71	102.3	17.59	113.1	19.49
		35.0	53.9	11.82	64.6	14.12	75.4	16.41	80.8	17.55	91.6	19.82	102.3	22.10	113.1	24.38
		40.0	53.9	14.19	64.6	16.86	75.4	19.50	80.8	20.81	91.6	23.43	102.3	26.06	113.1	28.73
		43.0	53.9	15.65	64.6	18.55	75.4	21.42	80.8	22.84	91.6	25.70	102.3	28.58	113.1	31.54
		46.0	53.9	16.68	64.6	19.89	75.4	23.20	80.8	24.88	88.2	26.39	91.1	25.40	94.6	24.62
		52.0	29.1	9.90	31.6	10.00	34.7	10.18	36.4	10.29	40.1	10.56	44.2	10.85	48.6	11.16

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	47.1	4.00	56.6	5.16	66.0	6.30	70.7	6.86	80.1	7.97	89.6	9.05	99.0	10.11
		-5.0	47.1	4.01	56.6	5.17	66.0	6.31	70.7	6.87	80.1	7.98	89.6	9.06	99.0	10.13
		0.0	47.1	4.02	56.6	5.18	66.0	6.32	70.7	6.88	80.1	7.99	89.6	9.08	99.0	10.14
		5.0	47.1	4.03	56.6	5.20	66.0	6.34	70.7	6.90	80.1	8.01	89.6	9.10	99.0	10.16
		10.0	47.1	4.05	56.6	5.22	66.0	6.36	70.7	6.93	80.1	8.04	89.6	9.12	99.0	10.18
		15.0	47.1	4.09	56.6	5.25	66.0	6.39	70.7	6.96	80.1	8.08	89.6	9.19	99.0	10.28
		20.0	47.1	4.18	56.6	5.40	66.0	6.60	70.7	7.19	80.1	8.36	89.6	9.50	99.0	10.61
		25.0	47.1	5.28	56.6	6.55	66.0	7.75	70.7	8.34	80.1	9.48	89.6	10.59	99.0	11.66
		30.0	47.1	7.45	56.6	8.84	66.0	10.21	70.7	10.89	80.1	12.23	89.6	13.54	99.0	14.84
		35.0	47.1	9.74	56.6	11.52	66.0	13.24	70.7	14.09	80.1	15.76	89.6	17.39	99.0	18.98
		40.0	47.1	11.81	56.6	13.90	66.0	15.93	70.7	16.92	80.1	18.87	89.6	20.77	99.0	22.63
		43.0	47.1	13.09	56.6	15.37	66.0	17.59	70.7	18.67	80.1	20.79	89.6	22.87	99.0	24.92
		46.0	47.1	13.97	56.6	16.41	66.0	18.86	70.7	20.09	80.1	22.55	89.6	24.12	94.6	24.62
		52.0	29.1	9.90	31.6	10.00	34.7	10.18	36.4	10.29	40.1	10.56	44.2	10.85	48.6	11.16

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

36HP (Cooling) U-12ME2E8+U-12ME2E8+U-12ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	40.4	3.16	48.5	4.18	56.6	5.17	60.6	5.66	68.7	6.63	76.8	7.59	84.8	8.52
		-5.0	40.4	3.17	48.5	4.18	56.6	5.18	60.6	5.67	68.7	6.64	76.8	7.60	84.8	8.53
		0.0	40.4	3.18	48.5	4.19	56.6	5.19	60.6	5.68	68.7	6.65	76.8	7.61	84.8	8.54
		5.0	40.4	3.19	48.5	4.21	56.6	5.20	60.6	5.70	68.7	6.67	76.8	7.62	84.8	8.56
		10.0	40.4	3.21	48.5	4.22	56.6	5.22	60.6	5.72	68.7	6.69	76.8	7.64	84.8	8.58
		15.0	40.4	3.23	48.5	4.25	56.6	5.25	60.6	5.75	68.7	6.72	76.8	7.67	84.8	8.60
		20.0	40.4	3.28	48.5	4.30	56.6	5.31	60.6	5.81	68.7	6.79	76.8	7.76	84.8	8.71
		25.0	40.4	3.69	48.5	4.74	56.6	5.77	60.6	6.27	68.7	7.26	76.8	8.22	84.8	9.16
		30.0	40.4	5.91	48.5	6.90	56.6	7.85	60.6	8.31	68.7	9.20	76.8	10.05	84.8	10.86
		35.0	40.4	7.84	48.5	9.14	56.6	10.39	60.6	10.98	68.7	12.14	76.8	13.23	84.8	14.28
		40.0	40.4	9.60	48.5	11.19	56.6	12.69	60.6	13.41	68.7	14.79	76.8	16.11	84.8	17.37
		43.0	40.4	10.70	48.5	12.44	56.6	14.10	60.6	14.89	68.7	16.42	76.8	17.88	84.8	19.27
		46.0	40.4	11.54	48.5	13.34	56.6	15.09	60.6	15.95	68.7	17.63	76.8	19.28	84.8	20.89
		52.0	29.1	9.90	31.6	10.00	34.7	10.18	36.4	10.29	40.1	10.56	44.2	10.85	48.6	11.16

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	33.7	2.31	40.4	3.17	47.1	4.02	50.5	4.44	57.2	5.26	64.0	6.08	70.7	6.88
		-5.0	33.7	2.32	40.4	3.18	47.1	4.02	50.5	4.44	57.2	5.27	64.0	6.08	70.7	6.88
		0.0	33.7	2.32	40.4	3.18	47.1	4.03	50.5	4.45	57.2	5.28	64.0	6.09	70.7	6.89
		5.0	33.7	2.33	40.4	3.19	47.1	4.04	50.5	4.46	57.2	5.29	64.0	6.11	70.7	6.91
		10.0	33.7	2.35	40.4	3.21	47.1	4.06	50.5	4.48	57.2	5.31	64.0	6.12	70.7	6.92
		15.0	33.7	2.37	40.4	3.23	47.1	4.08	50.5	4.50	57.2	5.33	64.0	6.14	70.7	6.94
		20.0	33.7	2.40	40.4	3.27	47.1	4.12	50.5	4.54	57.2	5.36	64.0	6.17	70.7	6.97
		25.0	33.7	2.51	40.4	3.38	47.1	4.23	50.5	4.65	57.2	5.48	64.0	6.29	70.7	7.09
		30.0	33.7	4.54	40.4	5.14	47.1	5.52	50.5	5.78	57.2	6.38	64.0	7.04	70.7	7.73
		35.0	33.7	6.10	40.4	7.02	47.1	7.85	50.5	8.24	57.2	8.97	64.0	9.64	70.7	10.25
		40.0	33.7	7.57	40.4	8.71	47.1	9.76	50.5	10.25	57.2	11.17	64.0	12.02	70.7	12.80
		43.0	33.7	8.48	40.4	9.76	47.1	10.93	50.5	11.49	57.2	12.53	64.0	13.48	70.7	14.37
		46.0	33.7	9.36	40.4	10.63	47.1	11.83	50.5	12.40	57.2	13.50	64.0	14.53	70.7	15.50
		52.0	29.1	9.90	31.6	10.00	34.7	10.18	36.4	10.29	40.1	10.56	44.2	10.85	48.6	11.16

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	26.9	1.44	32.3	2.14	37.7	2.83	40.4	3.18	45.8	3.85	51.2	4.52	56.6	5.18
		-5.0	26.9	1.45	32.3	2.15	37.7	2.84	40.4	3.18	45.8	3.86	51.2	4.53	56.6	5.19
		0.0	26.9	1.45	32.3	2.15	37.7	2.85	40.4	3.19	45.8	3.87	51.2	4.54	56.6	5.20
		5.0	26.9	1.46	32.3	2.16	37.7	2.85	40.4	3.20	45.8	3.87	51.2	4.55	56.6	5.21
		10.0	26.9	1.47	32.3	2.17	37.7	2.87	40.4	3.21	45.8	3.89	51.2	4.56	56.6	5.22
		15.0	26.9	1.49	32.3	2.19	37.7	2.88	40.4	3.22	45.8	3.90	51.2	4.58	56.6	5.24
		20.0	26.9	1.51	32.3	2.22	37.7	2.91	40.4	3.25	45.8	3.93	51.2	4.60	56.6	5.27
		25.0	26.9	1.57	32.3	2.27	37.7	2.95	40.4	3.29	45.8	3.97	51.2	4.63	56.6	5.32
		30.0	26.9	2.31	32.3	2.71	37.7	3.26	40.4	3.56	45.8	4.17	51.2	4.87	56.6	5.64
		35.0	26.9	4.55	32.3	5.14	37.7	5.65	40.4	5.88	45.8	6.29	51.2	6.80	56.6	7.45
		40.0	26.9	5.72	32.3	6.49	37.7	7.16	40.4	7.46	45.8	8.01	51.2	8.49	56.6	8.89
		43.0	26.9	6.44	32.3	7.32	37.7	8.09	40.4	8.45	45.8	9.09	51.2	9.65	56.6	10.13
		46.0	26.9	7.43	32.3	8.28	37.7	9.04	40.4	9.40	45.8	10.05	51.2	10.64	56.6	11.16
		52.0	26.9	8.79	31.6	10.00	34.7	10.18	36.4	10.29	40.1	10.56	44.2	10.85	48.6	11.16

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	20.2	0.56	24.2	1.10	28.3	1.63	30.3	1.90	34.3	2.42	38.4	2.94	42.4	3.45
		-5.0	20.2	0.56	24.2	1.10	28.3	1.63	30.3	1.90	34.3	2.43	38.4	2.95	42.4	3.46
		0.0	20.2	0.57	24.2	1.10	28.3	1.64	30.3	1.91	34.3	2.44	38.4	2.96	42.4	3.47
		5.0	20.2	0.57	24.2	1.11	28.3	1.65	30.3	1.92	34.3	2.45	38.4	2.97	42.4	3.48
		10.0	20.2	0.58	24.2	1.12	28.3	1.65	30.3	1.93	34.3	2.46	38.4	2.99	42.4	3.50
		15.0	20.2	0.59	24.2	1.13	28.3	1.67	30.3	1.94	34.3	2.48	38.4	3.01	42.4	3.52
		20.0	20.2	0.61	24.2	1.15	28.3	1.69	30.3	1.97	34.3	2.51	38.4	3.04	42.4	3.55
		25.0	20.2	0.64	24.2	1.18	28.3	1.72	30.3	2.00	34.3	2.54	38.4	3.10	42.4	3.66
		30.0	20.2	0.76	24.2	1.25	28.3	1.81	30.3	2.14	34.3	2.81	38.4	3.46	42.4	4.08
		35.0	20.2	3.19	24.2	3.53	28.3	3.92	30.3	4.18	34.3	4.70	38.4	5.21	42.4	5.71
		40.0	20.2	4.05	24.2	4.51	28.3	4.89	30.3	5.06	34.3	5.33	38.4	5.54	42.4	5.71
		43.0	20.2	4.59	24.2	5.13	28.3	5.59	30.3	5.79	34.3	6.12	38.4	6.39	42.4	6.59
		46.0	20.2	5.72	24.2	6.24	28.3	6.68	30.3	6.88	34.3	7.22	38.4	7.50	42.4	7.72
		52.0	20.2	6.70	24.2	7.37	28.3	7.96	30.3	8.23	34.3	8.49	38.4	8.63	42.4	8.68

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-30. 36HP (Heating) U-12ME2E8+U-12ME2E8+U-12ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-24.9	-25.0	83.3	28.48	81.1	27.96	76.6	26.83	74.4	26.25	67.4	24.35	62.7	22.98	50.1	19.12
		-19.8	-20.0	87.5	29.19	85.2	28.63	80.6	27.47	78.2	26.86	71.0	24.88	66.0	23.46	52.8	19.47
		-14.7	-15.0	93.5	30.20	91.1	29.65	86.2	28.41	83.7	27.75	76.0	25.67	70.6	24.16	56.6	19.98
		-9.6	-10.0	101.6	31.75	99.0	31.14	93.7	29.83	91.0	29.12	82.6	26.76	76.8	25.01	61.6	20.66
		-4.4	-5.0	112.0	32.89	109.1	32.27	103.3	30.94	100.3	30.23	91.0	27.92	84.6	26.24	67.8	21.54
		-1.8	-2.5	118.1	33.41	115.1	32.76	108.9	31.37	105.8	30.63	96.0	28.25	89.3	26.53	71.1	21.58
		0.8	0.0	124.0	33.46	121.8	33.24	115.3	31.80	112.0	31.04	100.4	28.04	92.1	25.74	71.1	20.07
		2.8	2.0	129.7	33.16	125.6	32.09	117.2	29.98	113.0	28.92	100.4	25.79	92.1	23.71	71.1	18.56
		6.0	5.0	129.7	28.69	125.6	27.80	117.2	26.04	113.0	25.16	100.4	22.52	92.1	20.72	71.1	16.34
		7.0	6.0	129.7	27.25	125.6	26.42	117.2	24.77	113.0	23.90	100.4	21.43	92.1	19.78	71.1	15.65
		8.6	7.5	129.7	25.11	125.6	24.36	117.2	22.88	113.0	22.13	100.4	19.90	92.1	18.41	71.1	14.64
		11.2	10.0	129.7	21.82	125.6	21.21	117.2	20.00	113.0	19.39	100.4	17.54	92.1	16.28	71.1	13.07
		16.4	15.0	129.7	16.02	125.6	15.64	117.2	14.85	113.0	14.45	100.4	13.19	92.1	12.32	71.1	10.00
		24.0	18.0	129.7	14.64	125.6	14.21	117.2	13.33	113.0	12.89	100.4	11.58	92.1	10.71	71.1	8.52

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	83.3	28.48	81.1	27.96	76.6	26.83	74.4	26.25	67.4	24.35	62.7	22.98	50.1	19.12
		-19.8	-20.0	87.5	29.19	85.2	28.63	80.6	27.47	78.2	26.86	71.0	24.88	66.0	23.46	52.8	19.47
		-14.7	-15.0	93.5	30.20	91.1	29.65	86.2	28.41	83.7	27.75	76.0	25.67	70.6	24.16	56.6	19.98
		-9.6	-10.0	101.6	31.75	99.0	31.14	93.7	29.83	91.0	29.12	82.6	26.76	76.8	25.01	61.6	20.66
		-4.4	-5.0	112.0	32.89	109.1	32.27	103.3	30.94	100.3	30.23	90.4	26.11	82.9	24.19	64.0	19.27
		-1.8	-2.5	116.8	30.21	113.0	29.38	105.5	27.72	101.7	26.87	90.4	24.30	82.9	22.55	64.0	18.03
		0.8	0.0	116.8	27.66	113.0	26.93	105.5	25.45	101.7	24.70	90.4	22.40	82.9	20.83	64.0	16.74
		2.8	2.0	116.8	25.11	113.0	24.48	105.5	23.19	101.7	22.53	90.4	20.50	82.9	19.11	64.0	15.54
		6.0	5.0	116.8	21.73	113.0	21.27	105.5	20.30	101.7	19.79	90.4	18.15	82.9	16.97	64.0	13.77
		7.0	6.0	116.8	21.01	113.0	20.51	105.5	19.47	101.7	18.94	90.4	17.30	82.9	16.17	64.0	13.17
		8.6	7.5	116.8	19.25	113.0	18.81	105.5	17.91	101.7	17.45	90.4	16.01	82.9	15.00	64.0	12.31
		11.2	10.0	116.8	16.50	113.0	16.17	105.5	15.49	101.7	15.13	90.4	13.99	82.9	13.18	64.0	10.94
		16.4	15.0	116.8	13.29	113.0	12.89	105.5	12.11	101.7	11.71	90.4	10.53	82.9	9.77	64.0	8.24
		24.0	18.0	116.8	13.29	113.0	12.89	105.5	12.11	101.7	11.71	90.4	10.53	82.9	9.74	64.0	7.77

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	80%	-24.9	-25.0	83.3	28.48	81.1	27.96	76.6	26.83	74.4	26.25	67.4	24.35	62.7	22.98	50.1	19.12
		-19.8	-20.0	87.5	29.19	85.2	28.63	80.6	27.47	78.2	26.86	71.0	24.88	66.0	23.46	52.8	19.47
		-14.7	-15.0	93.5	30.20	91.1	29.65	86.2	28.41	83.7	27.75	76.0	25.67	70.6	24.16	56.6	19.98
		-9.6	-10.0	101.6	31.75	99.0	31.14	93.7	29.83	90.4	25.84	80.4	23.64	73.7	22.09	56.9	17.95
		-4.4	-5.0	103.8	24.92	100.4	24.39	93.7	23.27	90.4	22.69	80.4	20.86	73.7	19.56	56.9	16.03
		-1.8	-2.5	103.8	22.92	100.4	22.46	93.7	21.48	90.4	20.97	80.4	19.34	73.7	18.21	56.9	15.06
		0.8	0.0	103.8	20.88	100.4	20.52	93.7	19.74	90.4	19.32	80.4	17.94	73.7	16.93	56.9	14.06
		2.8	2.0	103.8	19.17	100.4	18.86	93.7	18.17	90.4	17.80	80.4	16.58	73.7	15.66	56.9	13.06
		6.0	5.0	103.8	16.71	100.4	16.47	93.7	15.91	90.4	15.61	80.4	14.57	73.7	13.78	56.9	11.46
		7.0	6.0	103.8	15.96	100.4	15.70	93.7	15.13	90.4	14.82	80.4	13.83	73.7	13.10	56.9	11.01
		8.6	7.5	103.8	14.50	100.4	14.29	93.7	13.83	90.4	13.58	80.4	12.74	73.7	12.11	56.9	10.27
		11.2	10.0	103.8	12.28	100.4	12.14	93.7	11.83	90.4	11.66	80.4	11.05	73.7	10.57	56.9	9.09
		16.4	15.0	103.8	11.93	100.4	11.58	93.7	10.88	90.4	10.53	80.4	9.48	73.7	8.78	56.9	7.03
		24.0	18.0	103.8	11.93	100.4	11.58	93.7	10.88	90.4	10.53	80.4	9.48	73.7	8.78	56.9	7.03

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	kW	kW	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	70%	-24.9	-25.0	83.3	28.48	81.1	27.96	76.6	26.83	74.4	26.25	67.4	24.35	62.7	22.98	49.8	17.65
		-19.8	-20.0	87.5	29.19	85.2	28.63	80.6	27.47	78.2	26.86	70.3	22.42	64.5	20.96	49.8	16.97
		-14.7	-15.0	90.8	24.39	87.9	23.94	82.0	22.98	79.1	22.47	70.3	20.83	64.5	19.63	49.8	16.22
		-9.6	-10.0	90.8	21.81	87.9	21.44	82.0	20.65	79.1	20.23	70.3	18.89	64.5	17.89	49.8	14.97
		-4.4	-5.0	90.8	19.13	87.9	18.87	82.0	18.28	79.1	17.95	70.3	16.84	64.5	15.98	49.8	13.46
		-1.8	-2.5	90.8	17.73	87.9	17.50	82.0	16.98	79.1	16.69	70.3	15.70	64.5	14.93	49.8	12.63
		0.8	0.0	90.8	16.26	87.9	16.07	82.0	15.63	79.1	15.39	70.3	14.51	64.5	13.83	49.8	11.76
		2.8	2.0	90.8	14.80	87.9	14.66	82.0	14.30	79.1	14.09	70.3	13.35	64.5	12.75	49.8	10.90
		6.0	5.0	90.8	12.70	87.9	12.60	82.0	12.32	79.1	12.16	70.3	11.56	64.5	11.07	49.8	9.47
		7.0	6.0	90.8	11.92	87.9	11.83	82.0	11.59	79.1	11.45	70.3	10.93	64.5	10.50	49.8	9.12
		8.6	7.5	90.8	10.77	87.9	10.71	82.0	10.54	79.1	10.44	70.3	10.03	64.5	9.68	49.8	8.50
		11.2	10.0	90.8	10.57	87.9	10.27	82.0	9.65	79.1	9.35	70.3	8.65	64.5	8.41	49.8	7.50
16.4	15.0	90.8	10.57	87.9	10.27	82.0	9.65	79.1	9.35	70.3	8.43	64.5	7.82	49.8	6.28		
24.0	18.0	90.8	10.57	87.9	10.27	82.0	9.65	79.1	9.35	70.3	8.43	64.5	7.82	49.8	6.28		

3. Part Load of Outdoor Unit

36HP (Heating) U-12ME2E8+U-12ME2E8+U-12ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-24.9	-25.0	77.8	21.62	75.3	21.30	70.3	20.59	67.8	20.20	60.3	18.92	55.2	17.90	42.7	14.72
		-19.8	-20.0	77.8	20.39	75.3	20.12	70.3	19.51	67.8	19.17	60.3	18.01	55.2	17.12	42.7	14.29
		-14.7	-15.0	77.8	18.91	75.3	18.68	70.3	18.15	67.8	17.85	60.3	16.81	55.2	16.00	42.7	13.56
		-9.6	-10.0	77.8	17.08	75.3	16.90	70.3	16.47	67.8	16.22	60.3	15.33	55.2	14.63	42.7	12.47
		-4.4	-5.0	77.8	14.94	75.3	14.81	70.3	14.49	67.8	14.29	60.3	13.58	55.2	13.01	42.7	11.18
		-1.8	-2.5	77.8	13.77	75.3	13.66	70.3	13.40	67.8	13.24	60.3	12.63	55.2	12.12	42.7	10.48
		0.8	0.0	77.8	12.53	75.3	12.47	70.3	12.27	67.8	12.14	60.3	11.64	55.2	11.20	42.7	9.74
		2.8	2.0	77.8	11.32	75.3	11.29	70.3	11.16	67.8	11.06	60.3	10.66	55.2	10.27	42.7	8.97
		6.0	5.0	77.8	9.43	75.3	9.42	70.3	9.36	67.8	9.30	60.3	9.05	55.2	8.79	42.7	7.77
		7.0	6.0	77.8	9.22	75.3	8.95	70.3	8.78	67.8	8.74	60.3	8.54	55.2	8.33	42.7	7.48
		8.6	7.5	77.8	9.22	75.3	8.95	70.3	8.43	67.8	8.17	60.3	7.83	55.2	7.66	42.7	6.96
		11.2	10.0	77.8	9.22	75.3	8.95	70.3	8.43	67.8	8.17	60.3	7.38	55.2	6.85	42.7	6.14
		16.4	15.0	77.8	9.22	75.3	8.95	70.3	8.43	67.8	8.17	60.3	7.38	55.2	6.85	42.7	5.54
		24.0	18.0	77.8	9.22	75.3	8.95	70.3	8.43	67.8	8.17	60.3	7.38	55.2	6.85	42.7	5.54
100%	50%	-24.9	-25.0	64.9	16.92	62.8	16.75	58.6	16.32	56.5	16.08	50.2	15.22	46.0	14.53	35.6	12.15
		-19.8	-20.0	64.9	15.99	62.8	15.84	58.6	15.47	56.5	15.25	50.2	14.46	46.0	13.83	35.6	11.83
		-14.7	-15.0	64.9	14.76	62.8	14.64	58.6	14.34	56.5	14.15	50.2	13.47	46.0	12.90	35.6	11.11
		-9.6	-10.0	64.9	13.27	62.8	13.18	58.6	12.95	56.5	12.80	50.2	12.25	46.0	11.77	35.6	10.21
		-4.4	-5.0	64.9	11.52	62.8	11.47	58.6	11.32	56.5	11.22	50.2	10.81	46.0	10.43	35.6	9.14
		-1.8	-2.5	64.9	10.55	62.8	10.54	58.6	10.44	56.5	10.36	50.2	10.02	46.0	9.70	35.6	8.56
		0.8	0.0	64.9	9.56	62.8	9.56	58.6	9.52	56.5	9.46	50.2	9.18	46.0	8.91	35.6	7.91
		2.8	2.0	64.9	8.46	62.8	8.47	58.6	8.47	56.5	8.44	50.2	8.27	46.0	8.07	35.6	7.26
		6.0	5.0	64.9	7.86	62.8	7.64	58.6	7.20	56.5	7.04	50.2	6.99	46.0	6.89	35.6	6.31
		7.0	6.0	64.9	7.86	62.8	7.64	58.6	7.20	56.5	6.99	50.2	6.60	46.0	6.53	35.6	6.05
		8.6	7.5	64.9	7.86	62.8	7.64	58.6	7.20	56.5	6.99	50.2	6.33	46.0	6.01	35.6	5.63
		11.2	10.0	64.9	7.86	62.8	7.64	58.6	7.20	56.5	6.99	50.2	6.33	46.0	5.89	35.6	4.97
		16.4	15.0	64.9	7.86	62.8	7.64	58.6	7.20	56.5	6.99	50.2	6.33	46.0	5.89	35.6	4.80
		24.0	18.0	64.9	7.86	62.8	7.64	58.6	7.20	56.5	6.99	50.2	6.33	46.0	5.89	35.6	4.80
100%	40%	-24.9	-25.0	51.9	12.96	50.2	12.87	46.9	12.62	45.2	12.47	40.2	11.90	36.8	11.43	28.5	9.83
		-19.8	-20.0	51.9	12.22	50.2	12.14	46.9	11.93	45.2	11.80	40.2	11.30	36.8	10.86	28.5	9.45
		-14.7	-15.0	51.9	11.25	50.2	11.20	46.9	11.04	45.2	10.93	40.2	10.51	36.8	10.13	28.5	8.86
		-9.6	-10.0	51.9	10.07	50.2	10.04	46.9	9.94	45.2	9.86	40.2	9.53	36.8	9.23	28.5	8.14
		-4.4	-5.0	51.9	8.69	50.2	8.69	46.9	8.65	45.2	8.60	40.2	8.37	36.8	8.13	28.5	7.26
		-1.8	-2.5	51.9	7.84	50.2	7.86	46.9	7.87	45.2	7.85	40.2	7.69	36.8	7.51	28.5	6.76
		0.8	0.0	51.9	6.97	50.2	7.01	46.9	7.05	45.2	7.06	40.2	6.98	36.8	6.85	28.5	6.25
		2.8	2.0	51.9	6.50	50.2	6.33	46.9	6.27	45.2	6.29	40.2	6.28	36.8	6.21	28.5	5.74
		6.0	5.0	51.9	6.50	50.2	6.33	46.9	5.98	45.2	5.80	40.2	5.32	36.8	5.31	28.5	5.03
		7.0	6.0	51.9	6.50	50.2	6.33	46.9	5.98	45.2	5.80	40.2	5.28	36.8	5.04	28.5	4.81
		8.6	7.5	51.9	6.50	50.2	6.33	46.9	5.98	45.2	5.80	40.2	5.28	36.8	4.93	28.5	4.48
		11.2	10.0	51.9	6.50	50.2	6.33	46.9	5.98	45.2	5.80	40.2	5.28	36.8	4.93	28.5	4.05
		16.4	15.0	51.9	6.50	50.2	6.33	46.9	5.98	45.2	5.80	40.2	5.28	36.8	4.93	28.5	4.05
		24.0	18.0	51.9	6.50	50.2	6.33	46.9	5.98	45.2	5.80	40.2	5.28	36.8	4.93	28.5	4.05
100%	30%	-24.9	-25.0	38.9	9.49	37.7	9.44	35.2	9.31	33.9	9.23	30.1	8.88	27.6	8.57	21.3	7.52
		-19.8	-20.0	38.9	8.93	37.7	8.90	35.2	8.80	33.9	8.73	30.1	8.43	27.6	8.15	21.3	7.19
		-14.7	-15.0	38.9	8.21	37.7	8.20	35.2	8.13	33.9	8.07	30.1	7.83	27.6	7.59	21.3	6.74
		-9.6	-10.0	38.9	7.25	37.7	7.26	35.2	7.24	33.9	7.21	30.1	7.04	27.6	6.86	21.3	6.17
		-4.4	-5.0	38.9	6.13	37.7	6.17	35.2	6.21	33.9	6.21	30.1	6.14	27.6	6.02	21.3	5.50
		-1.8	-2.5	38.9	5.53	37.7	5.58	35.2	5.65	33.9	5.67	30.1	5.65	27.6	5.57	21.3	5.14
		0.8	0.0	38.9	5.15	37.7	5.02	35.2	5.07	33.9	5.10	30.1	5.13	27.6	5.09	21.3	4.76
		2.8	2.0	38.9	5.15	37.7	5.02	35.2	4.75	33.9	4.62	30.1	4.64	27.6	4.63	21.3	4.40
		6.0	5.0	38.9	5.15	37.7	5.02	35.2	4.75	33.9	4.62	30.1	4.23	27.6	3.99	21.3	3.88
		7.0	6.0	38.9	5.15	37.7	5.02	35.2	4.75	33.9	4.62	30.1	4.23	27.6	3.97	21.3	3.72
		8.6	7.5	38.9	5.15	37.7	5.02	35.2	4.75	33.9	4.62	30.1	4.23	27.6	3.97	21.3	3.48
		11.2	10.0	38.9	5.15	37.7	5.02	35.2	4.75	33.9	4.62	30.1	4.23	27.6	3.97	21.3	3.31
		16.4	15.0	38.9	5.15	37.7	5.02	35.2	4.75	33.9	4.62	30.1	4.23	27.6	3.97	21.3	3.31
		24.0	18.0	38.9	5.15	37.7	5.02	35.2	4.75	33.9	4.62	30.1	4.23	27.6	3.97	21.3	3.31

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-31. 38HP (Cooling) U-10ME2E8+U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	71.3	7.70	85.6	9.24	99.9	10.77	107.0	11.54	121.3	13.08	135.5	14.62	149.8	16.16
		-5.0	71.3	7.71	85.6	9.25	99.9	10.79	107.0	11.56	121.3	13.10	135.5	14.64	149.8	16.18
		0.0	71.3	7.72	85.6	9.27	99.9	10.81	107.0	11.58	121.3	13.12	135.5	14.67	149.8	16.22
		5.0	71.3	7.75	85.6	9.29	99.9	10.83	107.0	11.61	121.3	13.18	135.5	14.77	149.8	16.34
		10.0	71.3	7.77	85.6	9.34	99.9	10.94	107.0	11.76	121.3	13.40	135.5	15.06	149.8	16.67
		15.0	71.3	7.93	85.6	9.63	99.9	11.37	107.0	12.25	121.3	14.04	135.5	15.84	149.8	17.50
		20.0	71.3	8.87	85.6	10.87	99.9	13.15	107.0	14.38	121.3	17.03	135.5	19.94	149.8	23.10
		25.0	71.3	11.37	85.6	14.04	99.9	16.97	107.0	18.54	121.3	21.87	135.5	25.46	149.8	29.32
		30.0	71.3	14.24	85.6	17.56	99.9	21.16	107.0	23.06	121.3	27.08	135.5	31.39	149.8	35.99
		35.0	71.3	17.34	85.6	21.34	99.9	25.65	107.0	27.92	121.3	32.70	135.5	37.79	143.2	39.05
		40.0	71.3	20.67	85.6	25.42	99.9	30.50	107.0	33.17	121.3	38.76	126.9	39.05	132.3	39.06
		43.0	71.3	22.78	85.6	28.01	99.9	33.59	107.0	36.52	115.8	39.05	121.3	39.06	123.9	37.13
		46.0	70.6	24.77	84.7	30.46	90.0	30.98	91.0	30.16	93.4	28.77	96.5	27.68	100.2	26.82
		52.0	30.8	10.60	33.5	10.72	36.7	10.92	38.5	11.04	42.5	11.33	46.8	11.65	51.5	12.00

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	64.2	6.21	77.0	7.80	89.9	9.34	96.3	10.10	109.1	11.58	122.0	13.04	134.8	14.46
		-5.0	64.2	6.22	77.0	7.81	89.9	9.35	96.3	10.11	109.1	11.60	122.0	13.06	134.8	14.48
		0.0	64.2	6.24	77.0	7.83	89.9	9.37	96.3	10.13	109.1	11.62	122.0	13.07	134.8	14.50
		5.0	64.2	6.26	77.0	7.85	89.9	9.40	96.3	10.15	109.1	11.64	122.0	13.11	134.8	14.55
		10.0	64.2	6.29	77.0	7.88	89.9	9.44	96.3	10.21	109.1	11.74	122.0	13.25	134.8	14.74
		15.0	64.2	6.36	77.0	8.02	89.9	9.66	96.3	10.48	109.1	12.09	122.0	13.67	134.8	15.22
		20.0	64.2	6.92	77.0	8.78	89.9	10.60	96.3	11.49	109.1	13.21	122.0	15.18	134.8	17.28
		25.0	64.2	9.20	77.0	11.38	89.9	13.64	96.3	14.80	109.1	17.16	122.0	19.60	134.8	22.10
		30.0	64.2	11.87	77.0	14.50	89.9	17.19	96.3	18.56	109.1	21.33	122.0	24.15	134.8	27.05
		35.0	64.2	15.19	77.0	18.39	89.9	21.62	96.3	23.25	109.1	26.56	122.0	29.95	134.8	33.48
		40.0	64.2	18.13	77.0	21.80	89.9	25.50	96.3	27.37	109.1	31.19	122.0	35.18	132.3	39.06
		43.0	64.2	19.95	77.0	23.91	89.9	27.92	96.3	29.96	109.1	34.16	121.3	39.06	123.9	37.13
		46.0	64.2	21.37	77.0	25.92	89.9	30.70	91.0	30.16	93.4	28.77	96.5	27.68	100.2	26.82
		52.0	30.8	10.60	33.5	10.72	36.7	10.92	38.5	11.04	42.5	11.33	46.8	11.65	51.5	12.00

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	57.1	5.32	68.5	6.76	79.9	8.16	85.6	8.85	97.0	10.20	108.4	11.53	119.8	12.83
		-5.0	57.1	5.33	68.5	6.77	79.9	8.17	85.6	8.86	97.0	10.21	108.4	11.54	119.8	12.84
		0.0	57.1	5.35	68.5	6.78	79.9	8.18	85.6	8.87	97.0	10.23	108.4	11.56	119.8	12.86
		5.0	57.1	5.36	68.5	6.80	79.9	8.21	85.6	8.90	97.0	10.25	108.4	11.58	119.8	12.88
		10.0	57.1	5.39	68.5	6.83	79.9	8.23	85.6	8.92	97.0	10.29	108.4	11.63	119.8	12.95
		15.0	57.1	5.43	68.5	6.88	79.9	8.31	85.6	9.03	97.0	10.43	108.4	11.82	119.8	13.18
		20.0	57.1	5.67	68.5	7.24	79.9	8.77	85.6	9.53	97.0	11.01	108.4	12.45	119.8	13.85
		25.0	57.1	7.46	68.5	9.10	79.9	10.78	85.6	11.63	97.0	13.35	108.4	15.10	119.8	16.86
		30.0	57.1	9.79	68.5	11.84	79.9	13.90	85.6	14.94	97.0	17.01	108.4	19.09	119.8	21.18
		35.0	57.1	12.71	68.5	15.25	79.9	17.77	85.6	19.03	97.0	21.54	108.4	24.04	119.8	26.55
		40.0	57.1	15.32	68.5	18.27	79.9	21.18	85.6	22.63	97.0	25.51	108.4	28.41	119.8	31.34
		43.0	57.1	16.93	68.5	20.13	79.9	23.29	85.6	24.86	97.0	28.01	108.4	31.19	119.8	34.44
		46.0	57.1	18.07	68.5	21.62	79.9	25.25	85.6	27.11	93.4	28.77	96.5	27.68	100.2	26.82
		52.0	30.8	10.60	33.5	10.72	36.7	10.92	38.5	11.04	42.5	11.33	46.8	11.65	51.5	12.00

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	49.9	4.42	59.9	5.70	69.9	6.95	74.9	7.57	84.9	8.78	94.9	9.97	104.9	11.14
		-5.0	49.9	4.43	59.9	5.71	69.9	6.96	74.9	7.58	84.9	8.79	94.9	9.98	104.9	11.15
		0.0	49.9	4.44	59.9	5.72	69.9	6.97	74.9	7.59	84.9	8.80	94.9	10.00	104.9	11.17
		5.0	49.9	4.45	59.9	5.73	69.9	6.99	74.9	7.61	84.9	8.82	94.9	10.02	104.9	11.19
		10.0	49.9	4.47	59.9	5.76	69.9	7.01	74.9	7.63	84.9	8.85	94.9	10.04	104.9	11.21
		15.0	49.9	4.51	59.9	5.79	69.9	7.05	74.9	7.67	84.9	8.89	94.9	10.10	104.9	11.29
		20.0	49.9	4.59	59.9	5.91	69.9	7.22	74.9	7.86	84.9	9.13	94.9	10.37	104.9	11.59
		25.0	49.9	5.61	59.9	6.98	69.9	8.29	74.9	8.93	84.9	10.18	94.9	11.40	104.9	12.58
		30.0	49.9	7.89	59.9	9.43	69.9	10.94	74.9	11.69	84.9	13.17	94.9	14.62	104.9	16.05
		35.0	49.9	10.41	59.9	12.37	69.9	14.28	74.9	15.21	84.9	17.05	94.9	18.85	104.9	20.61
		40.0	49.9	12.69	59.9	15.00	69.9	17.24	74.9	18.34	84.9	20.48	94.9	22.57	104.9	24.63
		43.0	49.9	14.10	59.9	16.63	69.9	19.07	74.9	20.26	84.9	22.60	94.9	24.89	104.9	27.15
		46.0	49.9	15.09	59.9	17.78	69.9	20.48	74.9	21.83	84.9	24.54	94.9	26.28	100.2	26.82
		52.0	30.8	10.60	33.5	10.72	36.7	10.92	38.5	11.04	42.5	11.33	46.8	11.65	51.5	12.00

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

38HP (Cooling) U-10ME2E8+U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	42.8	3.50	51.4	4.61	59.9	5.71	64.2	6.25	72.8	7.32	81.3	8.36	89.9	9.39
		-5.0	42.8	3.51	51.4	4.62	59.9	5.72	64.2	6.26	72.8	7.33	81.3	8.37	89.9	9.40
		0.0	42.8	3.51	51.4	4.63	59.9	5.73	64.2	6.27	72.8	7.34	81.3	8.39	89.9	9.41
		5.0	42.8	3.53	51.4	4.64	59.9	5.74	64.2	6.28	72.8	7.35	81.3	8.40	89.9	9.43
		10.0	42.8	3.54	51.4	4.66	59.9	5.76	64.2	6.30	72.8	7.37	81.3	8.42	89.9	9.45
		15.0	42.8	3.57	51.4	4.69	59.9	5.79	64.2	6.33	72.8	7.40	81.3	8.45	89.9	9.48
		20.0	42.8	3.62	51.4	4.74	59.9	5.84	64.2	6.39	72.8	7.46	81.3	8.53	89.9	9.57
		25.0	42.8	3.98	51.4	5.13	59.9	6.25	64.2	6.80	72.8	7.88	81.3	8.94	89.9	9.97
		30.0	42.8	6.18	51.4	7.28	59.9	8.33	64.2	8.84	72.8	9.82	81.3	10.76	89.9	11.65
		35.0	42.8	8.30	51.4	9.75	59.9	11.12	64.2	11.78	72.8	13.05	81.3	14.27	89.9	15.42
		40.0	42.8	10.26	51.4	12.01	59.9	13.66	64.2	14.46	72.8	15.99	81.3	17.44	89.9	18.83
		43.0	42.8	11.46	51.4	13.39	59.9	15.22	64.2	16.10	72.8	17.78	81.3	19.39	89.9	20.92
		46.0	42.8	12.41	51.4	14.39	59.9	16.32	64.2	17.27	72.8	19.13	81.3	20.94	89.9	22.71
		52.0	30.8	10.60	33.5	10.72	36.7	10.92	38.5	11.04	42.5	11.33	46.8	11.65	51.5	12.00

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	35.7	2.56	42.8	3.51	49.9	4.44	53.5	4.90	60.6	5.81	67.8	6.71	74.9	7.58
		-5.0	35.7	2.57	42.8	3.51	49.9	4.45	53.5	4.91	60.6	5.82	67.8	6.71	74.9	7.59
		0.0	35.7	2.57	42.8	3.52	49.9	4.46	53.5	4.92	60.6	5.83	67.8	6.72	74.9	7.60
		5.0	35.7	2.58	42.8	3.53	49.9	4.47	53.5	4.93	60.6	5.84	67.8	6.73	74.9	7.61
		10.0	35.7	2.60	42.8	3.55	49.9	4.48	53.5	4.94	60.6	5.85	67.8	6.75	74.9	7.63
		15.0	35.7	2.62	42.8	3.57	49.9	4.50	53.5	4.97	60.6	5.88	67.8	6.77	74.9	7.65
		20.0	35.7	2.66	42.8	3.61	49.9	4.54	53.5	5.00	60.6	5.91	67.8	6.80	74.9	7.68
		25.0	35.7	2.75	42.8	3.70	49.9	4.64	53.5	5.10	60.6	6.01	67.8	6.90	74.9	7.78
		30.0	35.7	4.67	42.8	5.35	49.9	5.83	53.5	6.14	60.6	6.84	67.8	7.58	74.9	8.36
		35.0	35.7	6.39	42.8	7.39	49.9	8.32	53.5	8.75	60.6	9.56	67.8	10.30	74.9	10.97
		40.0	35.7	8.01	42.8	9.27	49.9	10.43	53.5	10.97	60.6	11.99	67.8	12.93	74.9	13.78
		43.0	35.7	9.01	42.8	10.43	49.9	11.73	53.5	12.34	60.6	13.48	67.8	14.54	74.9	15.52
		46.0	35.7	10.01	42.8	11.41	49.9	12.73	53.5	13.36	60.6	14.57	67.8	15.71	74.9	16.78
		52.0	30.8	10.60	33.5	10.72	36.7	10.92	38.5	11.04	42.5	11.33	46.8	11.65	51.5	12.00

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	28.5	1.61	34.2	2.38	39.9	3.14	42.8	3.52	48.5	4.26	54.2	5.00	59.9	5.72
		-5.0	28.5	1.61	34.2	2.38	39.9	3.15	42.8	3.52	48.5	4.27	54.2	5.00	59.9	5.73
		0.0	28.5	1.62	34.2	2.39	39.9	3.15	42.8	3.53	48.5	4.27	54.2	5.01	59.9	5.74
		5.0	28.5	1.63	34.2	2.40	39.9	3.16	42.8	3.54	48.5	4.28	54.2	5.02	59.9	5.75
		10.0	28.5	1.64	34.2	2.41	39.9	3.17	42.8	3.55	48.5	4.29	54.2	5.03	59.9	5.76
		15.0	28.5	1.65	34.2	2.42	39.9	3.19	42.8	3.56	48.5	4.31	54.2	5.05	59.9	5.78
		20.0	28.5	1.68	34.2	2.45	39.9	3.21	42.8	3.59	48.5	4.33	54.2	5.07	59.9	5.81
		25.0	28.5	1.73	34.2	2.50	39.9	3.26	42.8	3.63	48.5	4.37	54.2	5.11	59.9	5.85
		30.0	28.5	2.40	34.2	2.90	39.9	3.53	42.8	3.86	48.5	4.55	54.2	5.31	59.9	6.14
		35.0	28.5	4.67	34.2	5.32	39.9	5.89	42.8	6.14	48.5	6.59	54.2	7.16	59.9	7.88
		40.0	28.5	5.96	34.2	6.81	39.9	7.55	42.8	7.89	48.5	8.50	54.2	9.02	59.9	9.47
		43.0	28.5	6.76	34.2	7.73	39.9	8.59	42.8	8.98	48.5	9.69	54.2	10.31	59.9	10.84
		46.0	28.5	7.88	34.2	8.82	39.9	9.66	42.8	10.06	48.5	10.78	54.2	11.42	59.9	11.99
		52.0	28.5	9.39	33.5	10.72	36.7	10.92	38.5	11.04	42.5	11.33	46.8	11.65	51.5	12.00

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	21.4	0.64	25.7	1.23	30.0	1.81	32.1	2.11	36.4	2.69	40.7	3.26	44.9	3.82
		-5.0	21.4	0.64	25.7	1.23	30.0	1.82	32.1	2.11	36.4	2.69	40.7	3.26	44.9	3.82
		0.0	21.4	0.65	25.7	1.23	30.0	1.82	32.1	2.12	36.4	2.70	40.7	3.27	44.9	3.83
		5.0	21.4	0.65	25.7	1.24	30.0	1.83	32.1	2.13	36.4	2.71	40.7	3.28	44.9	3.85
		10.0	21.4	0.66	25.7	1.25	30.0	1.84	32.1	2.14	36.4	2.72	40.7	3.30	44.9	3.87
		15.0	21.4	0.67	25.7	1.26	30.0	1.85	32.1	2.15	36.4	2.74	40.7	3.32	44.9	3.89
		20.0	21.4	0.69	25.7	1.28	30.0	1.87	32.1	2.18	36.4	2.77	40.7	3.35	44.9	3.91
		25.0	21.4	0.72	25.7	1.31	30.0	1.91	32.1	2.21	36.4	2.81	40.7	3.40	44.9	4.01
		30.0	21.4	0.83	25.7	1.38	30.0	1.99	32.1	2.33	36.4	3.03	40.7	3.72	44.9	4.38
		35.0	21.4	3.16	25.7	3.53	30.0	3.97	32.1	4.26	36.4	4.83	40.7	5.39	44.9	5.95
		40.0	21.4	4.11	25.7	4.63	30.0	5.05	32.1	5.23	36.4	5.53	40.7	5.76	44.9	5.95
		43.0	21.4	4.71	25.7	5.31	30.0	5.82	32.1	6.03	36.4	6.41	40.7	6.70	44.9	6.92
		46.0	21.4	6.00	25.7	6.57	30.0	7.06	32.1	7.28	36.4	7.66	40.7	7.96	44.9	8.21
		52.0	21.4	7.08	25.7	7.82	30.0	8.47	32.1	8.77	36.4	9.06	40.7	9.21	44.9	9.27

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-32. 38HP (Heating) U-10ME2E8+U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-24.9	-25.0	86.2	29.40	84.0	28.88	79.6	27.78	77.4	27.20	70.4	25.30	65.5	23.93	52.8	20.04
		-19.8	-20.0	90.5	30.05	88.2	29.51	83.6	28.36	81.2	27.75	74.0	25.80	68.9	24.37	55.6	20.36
		-14.7	-15.0	96.5	31.01	94.1	30.44	89.3	29.23	86.8	28.59	79.1	26.54	73.7	25.05	59.5	20.86
		-9.6	-10.0	104.7	32.44	102.2	31.75	96.9	30.47	94.2	29.79	85.9	27.58	80.1	25.99	64.7	21.54
		-4.4	-5.0	115.4	34.14	112.6	33.50	106.8	32.14	103.9	31.41	94.7	29.03	88.3	27.30	71.3	22.47
		-1.8	-2.5	121.7	34.76	118.8	34.10	112.7	32.70	109.6	31.95	99.9	29.53	93.1	27.76	74.9	22.74
		0.8	0.0	128.8	35.33	125.7	34.64	119.2	33.16	115.9	32.39	105.7	29.89	97.0	27.37	74.9	21.18
		2.8	2.0	136.4	35.86	132.2	34.73	123.4	32.29	119.0	31.09	105.8	27.55	97.0	25.24	74.9	19.62
		6.0	5.0	136.6	31.22	132.2	30.18	123.4	28.13	119.0	27.11	105.8	24.12	97.0	22.13	74.9	17.32
		7.0	6.0	136.6	29.68	132.2	28.70	123.4	26.78	119.0	25.80	105.8	22.98	97.0	21.13	74.9	16.60
		8.6	7.5	136.6	27.39	132.2	26.51	123.4	24.77	119.0	23.91	105.8	21.36	97.0	19.68	74.9	15.55
		11.2	10.0	136.6	23.82	132.2	23.10	123.4	21.67	119.0	20.95	105.8	18.83	97.0	17.43	74.9	13.91
		16.4	15.0	136.6	17.59	132.2	17.14	123.4	16.22	119.0	15.75	105.8	14.32	97.0	13.35	74.9	10.81
		24.0	18.0	136.6	15.10	132.2	14.66	123.4	13.79	119.0	13.35	105.8	12.03	97.0	11.16	74.9	8.96

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-24.9	-25.0	86.2	29.40	84.0	28.88	79.6	27.78	77.4	27.20	70.4	25.30	65.5	23.93	52.8	20.04
		-19.8	-20.0	90.5	30.05	88.2	29.51	83.6	28.36	81.2	27.75	74.0	25.80	68.9	24.37	55.6	20.36
		-14.7	-15.0	96.5	31.01	94.1	30.44	89.3	29.23	86.8	28.59	79.1	26.54	73.7	25.05	59.5	20.86
		-9.6	-10.0	104.7	32.44	102.2	31.75	96.9	30.47	94.2	29.79	85.9	27.58	80.1	25.99	64.7	21.54
		-4.4	-5.0	115.4	34.14	112.6	33.50	106.8	32.14	103.9	31.41	94.7	29.03	87.3	25.58	67.4	20.26
		-1.8	-2.5	121.7	34.76	118.8	34.10	111.1	29.65	107.1	28.69	95.2	25.80	87.3	23.87	67.4	18.98
		0.8	0.0	123.0	29.84	119.0	28.99	111.1	27.28	107.1	26.42	95.2	23.83	87.3	22.09	67.4	17.65
		2.8	2.0	123.0	27.15	119.0	26.41	111.1	24.91	107.1	24.15	95.2	21.86	87.3	20.33	67.4	16.48
		6.0	5.0	123.0	23.51	119.0	22.98	111.1	21.88	107.1	21.31	95.2	19.50	87.3	18.16	67.4	14.64
		7.0	6.0	123.0	22.97	119.0	22.35	111.1	21.11	107.1	20.49	95.2	18.59	87.3	17.31	67.4	14.01
		8.6	7.5	123.0	21.08	119.0	20.54	111.1	19.46	107.1	18.91	95.2	17.23	87.3	16.08	67.4	13.11
		11.2	10.0	123.0	18.12	119.0	17.71	111.1	16.86	107.1	16.43	95.2	15.09	87.3	14.17	67.4	11.70
		16.4	15.0	123.0	13.74	119.0	13.35	111.1	12.56	107.1	12.16	95.2	11.27	87.3	10.67	67.4	8.98
		24.0	18.0	123.0	13.74	119.0	13.35	111.1	12.56	107.1	12.16	95.2	10.98	87.3	10.19	67.4	8.22

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-24.9	-25.0	86.2	29.40	84.0	28.88	79.6	27.78	77.4	27.20	70.4	25.30	65.5	23.93	52.8	20.04
		-19.8	-20.0	90.5	30.05	88.2	29.51	83.6	28.36	81.2	27.75	74.0	25.80	68.9	24.37	55.6	20.36
		-14.7	-15.0	96.5	31.01	94.1	30.44	89.3	29.23	86.8	28.59	79.1	26.54	73.7	25.05	59.5	20.86
		-9.6	-10.0	104.7	32.44	102.2	31.75	96.9	30.47	94.2	29.79	84.6	27.58	77.6	23.24	59.9	18.77
		-4.4	-5.0	109.3	26.67	105.8	26.05	98.7	24.76	95.2	24.10	84.6	22.06	77.6	20.63	59.9	16.84
		-1.8	-2.5	109.3	24.59	105.8	24.04	98.7	22.91	95.2	22.32	84.6	20.49	77.6	19.21	59.9	15.86
		0.8	0.0	109.3	22.32	105.8	21.90	98.7	21.02	95.2	20.54	84.6	19.03	77.6	17.92	59.9	14.85
		2.8	2.0	109.3	20.57	105.8	20.21	98.7	19.42	95.2	19.01	84.6	17.64	77.6	16.65	59.9	13.85
		6.0	5.0	109.3	18.09	105.8	17.80	98.7	17.17	95.2	16.81	84.6	15.67	77.6	14.78	59.9	12.28
		7.0	6.0	109.3	17.52	105.8	17.18	98.7	16.47	95.2	16.09	84.6	14.91	77.6	14.07	59.9	11.75
		8.6	7.5	109.3	15.97	105.8	15.68	98.7	15.09	95.2	14.78	84.6	13.77	77.6	13.03	59.9	10.99
		11.2	10.0	109.3	13.56	105.8	13.37	98.7	12.95	95.2	12.73	84.6	11.98	77.6	11.42	59.9	9.78
		16.4	15.0	109.3	12.38	105.8	12.03	98.7	11.33	95.2	10.98	84.6	9.93	77.6	9.23	59.9	7.47
		24.0	18.0	109.3	12.38	105.8	12.03	98.7	11.33	95.2	10.98	84.6	9.93	77.6	9.23	59.9	7.47

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
				kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	70%	-24.9	-25.0	86.2	29.40	84.0	28.88	79.6	27.78	77.4	27.20	70.4	25.30	65.5	23.93	52.4	20.04
		-19.8	-20.0	90.5	30.05	88.2	29.51	83.6	28.36	81.2	27.75	74.0	25.80	67.9	24.37	52.4	17.65
		-14.7	-15.0	95.6	25.82	92.6	25.31	86.4	24.23	83.3	23.67	74.0	21.86	67.9	20.56	52.4	16.88
		-9.6	-10.0	95.6	23.16	92.6	22.74	86.4	21.84	83.3	21.36	74.0	19.81	67.9	18.69	52.4	15.65
		-4.4	-5.0	95.6	20.23	92.6	19.93	86.4	19.27	83.3	18.91	74.0	17.71	67.9	16.79	52.4	14.13
		-1.8	-2.5	95.6	18.82	92.6	18.56	86.4	17.97	83.3	17.65	74.0	16.56	67.9	15.73	52.4	13.31
		0.8	0.0	95.6	17.33	92.6	17.11	86.4	16.61	83.3	16.33	74.0	15.37	67.9	14.63	52.4	12.43
		2.8	2.0	95.6	15.86	92.6	15.68	86.4	15.26	83.3	15.03	74.0	14.19	67.9	13.54	52.4	11.57
		6.0	5.0	95.6	13.76	92.6	13.64	86.4	13.33	83.3	13.15	74.0	12.48	67.9	11.92	52.4	10.20
		7.0	6.0	95.6	13.16	92.6	13.01	86.4	12.68	83.3	12.49	74.0	11.84	67.9	11.33	52.4	9.79
		8.6	7.5	95.6	11.92	92.6	11.81	86.4	11.56	83.3	11.42	74.0	10.90	67.9	10.48	52.4	9.14
		11.2	10.0	95.6	11.02	92.6	10.72	86.4	10.10	83.3	9.80	74.0	9.45	67.9	9.15	52.4	8.13
		16.4	15.0	95.6	11.02	92.6	10.72	86.4	10.10	83.3	9.80	74.0	8.88	67.9	8.26	52.4	6.73
24.0	18.0	95.6	11.02	92.6	10.72	86.4	10.10	83.3	9.80	74.0	8.88	67.9	8.26	52.4	6.73		

3. Part Load of Outdoor Unit

38HP (Heating) U-10ME2E8+U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-24.9	-25.0	82.0	22.72	79.3	22.36	74.0	21.58	71.4	21.15	63.5	19.71	58.2	18.56	45.0	15.27
		-19.8	-20.0	82.0	21.36	79.3	21.03	74.0	20.33	71.4	19.95	63.5	18.70	58.2	17.77	45.0	14.80
		-14.7	-15.0	82.0	19.73	79.3	19.48	74.0	18.92	71.4	18.60	63.5	17.50	58.2	16.66	45.0	14.14
		-9.6	-10.0	82.0	17.91	79.3	17.71	74.0	17.24	71.4	16.97	63.5	16.03	58.2	15.29	45.0	13.05
		-4.4	-5.0	82.0	15.77	79.3	15.62	74.0	15.26	71.4	15.04	63.5	14.28	58.2	13.67	45.0	11.77
		-1.8	-2.5	82.0	14.59	79.3	14.47	74.0	14.17	71.4	13.99	63.5	13.32	58.2	12.78	45.0	11.06
		0.8	0.0	82.0	13.35	79.3	13.27	74.0	13.03	71.4	12.89	63.5	12.33	58.2	11.85	45.0	10.32
		2.8	2.0	82.0	12.13	79.3	12.08	74.0	11.91	71.4	11.80	63.5	11.34	58.2	10.94	45.0	9.59
		6.0	5.0	82.0	10.39	79.3	10.37	74.0	10.27	71.4	10.18	63.5	9.84	58.2	9.53	45.0	8.38
		7.0	6.0	82.0	9.77	79.3	9.74	74.0	9.66	71.4	9.59	63.5	9.31	58.2	9.04	45.0	8.08
		8.6	7.5	82.0	9.66	79.3	9.40	74.0	8.88	71.4	8.76	63.5	8.56	58.2	8.35	45.0	7.55
		11.2	10.0	82.0	9.66	79.3	9.40	74.0	8.88	71.4	8.61	63.5	7.82	58.2	7.30	45.0	6.71
		16.4	15.0	82.0	9.66	79.3	9.40	74.0	8.88	71.4	8.61	63.5	7.82	58.2	7.30	45.0	5.98
		24.0	18.0	82.0	9.66	79.3	9.40	74.0	8.88	71.4	8.61	63.5	7.82	58.2	7.30	45.0	5.98
100%	50%	-24.9	-25.0	68.3	17.59	66.1	17.39	61.7	16.95	59.5	16.70	52.9	15.81	48.5	15.10	37.5	12.68
		-19.8	-20.0	68.3	16.65	66.1	16.49	61.7	16.09	59.5	15.86	52.9	15.05	48.5	14.39	37.5	12.34
		-14.7	-15.0	68.3	15.43	66.1	15.29	61.7	14.97	59.5	14.77	52.9	14.06	48.5	13.47	37.5	11.64
		-9.6	-10.0	68.3	13.93	66.1	13.84	61.7	13.58	59.5	13.43	52.9	12.84	48.5	12.34	37.5	10.73
		-4.4	-5.0	68.3	12.18	66.1	12.13	61.7	11.96	59.5	11.85	52.9	11.39	48.5	11.00	37.5	9.67
		-1.8	-2.5	68.3	11.22	66.1	11.18	61.7	11.07	59.5	10.98	52.9	10.61	48.5	10.27	37.5	9.08
		0.8	0.0	68.3	10.21	66.1	10.20	61.7	10.14	59.5	10.08	52.9	9.79	48.5	9.51	37.5	8.47
		2.8	2.0	68.3	9.23	66.1	9.24	61.7	9.23	59.5	9.19	52.9	8.98	48.5	8.74	37.5	7.84
		6.0	5.0	68.3	8.31	66.1	8.09	61.7	7.76	59.5	7.76	52.9	7.66	48.5	7.52	37.5	6.84
		7.0	6.0	68.3	8.31	66.1	8.09	61.7	7.65	59.5	7.43	52.9	7.25	48.5	7.15	37.5	6.60
		8.6	7.5	68.3	8.31	66.1	8.09	61.7	7.65	59.5	7.43	52.9	6.77	48.5	6.61	37.5	6.17
		11.2	10.0	68.3	8.31	66.1	8.09	61.7	7.65	59.5	7.43	52.9	6.77	48.5	6.33	37.5	5.50
		16.4	15.0	68.3	8.31	66.1	8.09	61.7	7.65	59.5	7.43	52.9	6.77	48.5	6.33	37.5	5.24
		24.0	18.0	68.3	8.31	66.1	8.09	61.7	7.65	59.5	7.43	52.9	6.77	48.5	6.33	37.5	5.24
100%	40%	-24.9	-25.0	54.7	13.54	52.9	13.43	49.4	13.17	47.6	13.02	42.3	12.43	38.8	11.94	30.0	10.31
		-19.8	-20.0	54.7	12.79	52.9	12.71	49.4	12.49	47.6	12.35	42.3	11.83	38.8	11.38	30.0	9.94
		-14.7	-15.0	54.7	11.83	52.9	11.76	49.4	11.59	47.6	11.48	42.3	11.04	38.8	10.65	30.0	9.35
		-9.6	-10.0	54.7	10.65	52.9	10.61	49.4	10.50	47.6	10.41	42.3	10.07	38.8	9.74	30.0	8.63
		-4.4	-5.0	54.7	9.26	52.9	9.26	49.4	9.22	47.6	9.17	42.3	8.93	38.8	8.68	30.0	7.78
		-1.8	-2.5	54.7	8.51	52.9	8.52	49.4	8.51	47.6	8.49	42.3	8.31	38.8	8.11	30.0	7.31
		0.8	0.0	54.7	7.70	52.9	7.72	49.4	7.74	47.6	7.73	42.3	7.61	38.8	7.45	30.0	6.78
		2.8	2.0	54.7	6.95	52.9	6.87	49.4	6.92	47.6	6.94	42.3	6.89	38.8	6.79	30.0	6.27
		6.0	5.0	54.7	6.95	52.9	6.77	49.4	6.42	47.6	6.25	42.3	5.90	38.8	5.87	30.0	5.52
		7.0	6.0	54.7	6.95	52.9	6.77	49.4	6.42	47.6	6.25	42.3	5.72	38.8	5.58	30.0	5.31
		8.6	7.5	54.7	6.95	52.9	6.77	49.4	6.42	47.6	6.25	42.3	5.72	38.8	5.37	30.0	4.99
		11.2	10.0	54.7	6.95	52.9	6.77	49.4	6.42	47.6	6.25	42.3	5.72	38.8	5.37	30.0	4.49
		16.4	15.0	54.7	6.95	52.9	6.77	49.4	6.42	47.6	6.25	42.3	5.72	38.8	5.37	30.0	4.49
		24.0	18.0	54.7	6.95	52.9	6.77	49.4	6.42	47.6	6.25	42.3	5.72	38.8	5.37	30.0	4.49
100%	30%	-24.9	-25.0	41.0	10.02	39.7	9.97	37.0	9.83	35.7	9.74	31.7	9.38	29.1	9.06	22.5	7.99
		-19.8	-20.0	41.0	9.46	39.7	9.43	37.0	9.32	35.7	9.25	31.7	8.93	29.1	8.64	22.5	7.67
		-14.7	-15.0	41.0	8.75	39.7	8.73	37.0	8.65	35.7	8.59	31.7	8.34	29.1	8.10	22.5	7.23
		-9.6	-10.0	41.0	7.87	39.7	7.87	37.0	7.84	35.7	7.80	31.7	7.61	29.1	7.42	22.5	6.68
		-4.4	-5.0	41.0	6.76	39.7	6.78	37.0	6.80	35.7	6.79	31.7	6.69	29.1	6.56	22.5	6.00
		-1.8	-2.5	41.0	6.14	39.7	6.18	37.0	6.23	35.7	6.24	31.7	6.19	29.1	6.10	22.5	5.64
		0.8	0.0	41.0	5.59	39.7	5.57	37.0	5.64	35.7	5.67	31.7	5.67	29.1	5.62	22.5	5.26
		2.8	2.0	41.0	5.59	39.7	5.46	37.0	5.19	35.7	5.11	31.7	5.16	29.1	5.14	22.5	4.88
		6.0	5.0	41.0	5.59	39.7	5.46	37.0	5.19	35.7	5.06	31.7	4.67	29.1	4.49	22.5	4.36
		7.0	6.0	41.0	5.59	39.7	5.46	37.0	5.19	35.7	5.06	31.7	4.67	29.1	4.40	22.5	4.19
		8.6	7.5	41.0	5.59	39.7	5.46	37.0	5.19	35.7	5.06	31.7	4.67	29.1	4.40	22.5	3.96
		11.2	10.0	41.0	5.59	39.7	5.46	37.0	5.19	35.7	5.06	31.7	4.67	29.1	4.40	22.5	3.75
		16.4	15.0	41.0	5.59	39.7	5.46	37.0	5.19	35.7	5.06	31.7	4.67	29.1	4.40	22.5	3.75
		24.0	18.0	41.0	5.59	39.7	5.46	37.0	5.19	35.7	5.06	31.7	4.67	29.1	4.40	22.5	3.75

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-33. 40HP (Cooling) U-12ME2E8+U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	75.3	8.28	90.4	9.93	105.5	11.59	113.0	12.41	128.1	14.07	143.1	15.73	158.2	17.38
		-5.0	75.3	8.29	90.4	9.95	105.5	11.60	113.0	12.43	128.1	14.09	143.1	15.74	158.2	17.39
		0.0	75.3	8.31	90.4	9.96	105.5	11.62	113.0	12.45	128.1	14.11	143.1	15.78	158.2	17.45
		5.0	75.3	8.33	90.4	9.99	105.5	11.65	113.0	12.49	128.1	14.19	143.1	15.91	158.2	17.60
		10.0	75.3	8.36	90.4	10.05	105.5	11.79	113.0	12.67	128.1	14.44	143.1	16.25	158.2	17.98
		15.0	75.3	8.55	90.4	10.39	105.5	12.28	113.0	13.24	128.1	15.17	143.1	17.12	158.2	18.91
		20.0	75.3	9.62	90.4	11.78	105.5	14.23	113.0	15.56	128.1	18.41	143.1	21.54	158.2	24.94
		25.0	75.3	12.32	90.4	15.19	105.5	18.35	113.0	20.03	128.1	23.61	143.1	27.48	158.2	31.63
		30.0	75.3	15.41	90.4	18.98	105.5	22.85	113.0	24.90	128.1	29.22	143.1	33.86	158.2	38.81
		35.0	75.3	18.74	90.4	23.05	105.5	27.68	113.0	30.12	128.1	35.26	143.1	40.74	151.3	42.14
		40.0	75.3	22.32	90.4	27.43	105.5	32.89	113.0	35.76	128.1	41.78	134.1	42.13	139.8	42.13
		43.0	75.3	24.60	90.4	30.22	105.5	36.22	113.0	39.37	122.3	42.14	128.1	42.14	130.9	40.03
		46.0	74.6	26.73	89.5	32.85	95.1	33.42	96.1	32.53	98.6	31.04	101.9	29.86	105.8	28.94
		52.0	32.5	11.50	35.4	11.62	38.8	11.83	40.7	11.97	44.8	12.28	49.4	12.63	54.4	13.00

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	67.8	6.68	81.4	8.38	94.9	10.04	101.7	10.85	115.3	12.46	128.8	14.02	142.4	15.55
		-5.0	67.8	6.69	81.4	8.39	94.9	10.05	101.7	10.87	115.3	12.47	128.8	14.04	142.4	15.57
		0.0	67.8	6.70	81.4	8.41	94.9	10.07	101.7	10.89	115.3	12.49	128.8	14.05	142.4	15.59
		5.0	67.8	6.73	81.4	8.43	94.9	10.10	101.7	10.91	115.3	12.52	128.8	14.10	142.4	15.66
		10.0	67.8	6.76	81.4	8.46	94.9	10.15	101.7	10.99	115.3	12.64	128.8	14.27	142.4	15.88
		15.0	67.8	6.84	81.4	8.64	94.9	10.42	101.7	11.30	115.3	13.05	128.8	14.75	142.4	16.43
		20.0	67.8	7.50	81.4	9.52	94.9	11.48	101.7	12.44	115.3	14.30	128.8	16.42	142.4	18.68
		25.0	67.8	9.99	81.4	12.33	94.9	14.76	101.7	16.00	115.3	18.55	128.8	21.17	142.4	23.86
		30.0	67.8	12.86	81.4	15.69	94.9	18.58	101.7	20.05	115.3	23.03	128.8	26.07	142.4	29.18
		35.0	67.8	16.43	81.4	19.87	94.9	23.34	101.7	25.10	115.3	28.66	128.8	32.31	142.4	36.10
		40.0	67.8	19.60	81.4	23.54	94.9	27.52	101.7	29.53	115.3	33.64	128.8	37.93	139.8	42.13
		43.0	67.8	21.55	81.4	25.81	94.9	30.12	101.7	32.31	115.3	36.83	128.1	42.14	130.9	40.03
		46.0	67.8	23.07	81.4	27.97	94.9	33.11	96.1	32.53	98.6	31.04	101.9	29.86	105.8	28.94
		52.0	32.5	11.50	35.4	11.62	38.8	11.83	40.7	11.97	44.8	12.28	49.4	12.63	54.4	13.00

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	60.3	5.72	72.3	7.26	84.4	8.77	90.4	9.51	102.5	10.97	114.5	12.40	126.6	13.79
		-5.0	60.3	5.73	72.3	7.27	84.4	8.78	90.4	9.52	102.5	10.98	114.5	12.41	126.6	13.81
		0.0	60.3	5.74	72.3	7.29	84.4	8.80	90.4	9.54	102.5	11.00	114.5	12.43	126.6	13.83
		5.0	60.3	5.76	72.3	7.31	84.4	8.82	90.4	9.56	102.5	11.02	114.5	12.45	126.6	13.85
		10.0	60.3	5.79	72.3	7.34	84.4	8.84	90.4	9.59	102.5	11.06	114.5	12.51	126.6	13.94
		15.0	60.3	5.83	72.3	7.39	84.4	8.95	90.4	9.72	102.5	11.24	114.5	12.74	126.6	14.21
		20.0	60.3	6.12	72.3	7.82	84.4	9.49	90.4	10.30	102.5	11.90	114.5	13.46	126.6	14.97
		25.0	60.3	8.12	72.3	9.89	84.4	11.69	90.4	12.61	102.5	14.45	114.5	16.33	126.6	18.22
		30.0	60.3	10.62	72.3	12.83	84.4	15.05	90.4	16.16	102.5	18.39	114.5	20.62	126.6	22.86
		35.0	60.3	13.76	72.3	16.50	84.4	19.21	90.4	20.56	102.5	23.26	114.5	25.95	126.6	28.65
		40.0	60.3	16.57	72.3	19.74	84.4	22.87	90.4	24.43	102.5	27.53	114.5	30.65	126.6	33.80
		43.0	60.3	18.31	72.3	21.75	84.4	25.14	90.4	26.83	102.5	30.22	114.5	33.63	126.6	37.13
		46.0	60.3	19.53	72.3	23.34	84.4	27.25	90.4	29.25	98.6	31.04	101.9	29.86	105.8	28.94
		52.0	32.5	11.50	35.4	11.62	38.8	11.83	40.7	11.97	44.8	12.28	49.4	12.63	54.4	13.00

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	52.7	4.75	63.3	6.12	73.8	7.47	79.1	8.13	89.6	9.44	100.2	10.72	110.7	11.98
		-5.0	52.7	4.75	63.3	6.13	73.8	7.48	79.1	8.14	89.6	9.45	100.2	10.73	110.7	11.99
		0.0	52.7	4.76	63.3	6.14	73.8	7.49	79.1	8.15	89.6	9.46	100.2	10.75	110.7	12.01
		5.0	52.7	4.78	63.3	6.16	73.8	7.51	79.1	8.17	89.6	9.48	100.2	10.77	110.7	12.03
		10.0	52.7	4.80	63.3	6.18	73.8	7.54	79.1	8.20	89.6	9.51	100.2	10.79	110.7	12.05
		15.0	52.7	4.84	63.3	6.22	73.8	7.57	79.1	8.24	89.6	9.56	100.2	10.87	110.7	12.15
		20.0	52.7	4.94	63.3	6.37	73.8	7.79	79.1	8.48	89.6	9.85	100.2	11.19	110.7	12.50
		25.0	52.7	6.11	63.3	7.59	73.8	9.00	79.1	9.69	89.6	11.04	100.2	12.34	110.7	13.62
		30.0	52.7	8.58	63.3	10.24	73.8	11.87	79.1	12.67	89.6	14.26	100.2	15.82	110.7	17.35
		35.0	52.7	11.30	63.3	13.40	73.8	15.45	79.1	16.46	89.6	18.43	100.2	20.37	110.7	22.26
		40.0	52.7	13.75	63.3	16.23	73.8	18.64	79.1	19.81	89.6	22.12	100.2	24.37	110.7	26.58
		43.0	52.7	15.26	63.3	17.98	73.8	20.60	79.1	21.89	89.6	24.40	100.2	26.86	110.7	29.29
		46.0	52.7	16.32	63.3	19.22	73.8	22.12	79.1	23.57	89.6	26.49	100.2	28.35	105.8	28.94
		52.0	32.5	11.50	35.4	11.62	38.8	11.83	40.7	11.97	44.8	12.28	49.4	12.63	54.4	13.00

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

40HP (Cooling) U-12ME2E8+U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	45.2	3.76	54.2	4.95	63.3	6.13	67.8	6.72	76.8	7.86	85.9	8.99	94.9	10.10
		-5.0	45.2	3.76	54.2	4.96	63.3	6.14	67.8	6.72	76.8	7.87	85.9	9.00	94.9	10.11
		0.0	45.2	3.77	54.2	4.97	63.3	6.15	67.8	6.74	76.8	7.88	85.9	9.01	94.9	10.12
		5.0	45.2	3.78	54.2	4.99	63.3	6.17	67.8	6.75	76.8	7.90	85.9	9.03	94.9	10.14
		10.0	45.2	3.80	54.2	5.01	63.3	6.19	67.8	6.77	76.8	7.92	85.9	9.05	94.9	10.16
		15.0	45.2	3.83	54.2	5.04	63.3	6.22	67.8	6.80	76.8	7.95	85.9	9.08	94.9	10.18
		20.0	45.2	3.88	54.2	5.08	63.3	6.28	67.8	6.87	76.8	8.03	85.9	9.18	94.9	10.30
		25.0	45.2	4.31	54.2	5.56	63.3	6.76	67.8	7.36	76.8	8.52	85.9	9.66	94.9	10.77
		30.0	45.2	6.75	54.2	7.93	63.3	9.06	67.8	9.61	76.8	10.66	85.9	11.67	94.9	12.63
		35.0	45.2	9.03	54.2	10.58	63.3	12.06	67.8	12.77	76.8	14.14	85.9	15.44	94.9	16.68
		40.0	45.2	11.13	54.2	13.01	63.3	14.79	67.8	15.64	76.8	17.29	85.9	18.86	94.9	20.35
		43.0	45.2	12.43	54.2	14.50	63.3	16.46	67.8	17.41	76.8	19.22	85.9	20.95	94.9	22.60
		46.0	45.2	13.44	54.2	15.57	63.3	17.65	67.8	18.66	76.8	20.66	85.9	22.61	94.9	24.52
		52.0	32.5	11.50	35.4	11.62	38.8	11.83	40.7	11.97	44.8	12.28	49.4	12.63	54.4	13.00

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	37.7	2.75	45.2	3.77	52.7	4.77	56.5	5.26	64.0	6.24	71.6	7.20	79.1	8.15
		-5.0	37.7	2.75	45.2	3.77	52.7	4.78	56.5	5.27	64.0	6.25	71.6	7.21	79.1	8.16
		0.0	37.7	2.76	45.2	3.78	52.7	4.78	56.5	5.28	64.0	6.26	71.6	7.22	79.1	8.17
		5.0	37.7	2.77	45.2	3.79	52.7	4.80	56.5	5.29	64.0	6.27	71.6	7.23	79.1	8.18
		10.0	37.7	2.79	45.2	3.81	52.7	4.81	56.5	5.31	64.0	6.29	71.6	7.25	79.1	8.20
		15.0	37.7	2.81	45.2	3.83	52.7	4.84	56.5	5.33	64.0	6.31	71.6	7.28	79.1	8.22
		20.0	37.7	2.85	45.2	3.87	52.7	4.87	56.5	5.37	64.0	6.35	71.6	7.31	79.1	8.25
		25.0	37.7	2.96	45.2	3.98	52.7	4.99	56.5	5.49	64.0	7.28	71.6	7.43	79.1	8.38
		30.0	37.7	5.13	45.2	5.86	52.7	6.35	56.5	6.68	64.0	7.42	71.6	8.22	79.1	9.05
		35.0	37.7	6.97	45.2	8.06	52.7	9.05	56.5	9.51	64.0	10.38	71.6	11.17	79.1	11.90
		40.0	37.7	8.72	45.2	10.07	52.7	11.32	56.5	11.90	64.0	13.00	71.6	14.00	79.1	14.92
		43.0	37.7	9.80	45.2	11.31	52.7	12.71	56.5	13.37	64.0	14.60	71.6	15.74	79.1	16.78
		46.0	37.7	10.86	45.2	12.37	52.7	13.79	56.5	14.47	64.0	15.76	71.6	16.99	79.1	18.14
		52.0	32.5	11.50	35.4	11.62	38.8	11.83	40.7	11.97	44.8	12.28	49.4	12.63	54.4	13.00

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	30.1	1.72	36.2	2.55	42.2	3.37	45.2	3.77	51.2	4.57	57.3	5.37	63.3	6.15
		-5.0	30.1	1.73	36.2	2.56	42.2	3.37	45.2	3.78	51.2	4.58	57.3	5.37	63.3	6.15
		0.0	30.1	1.73	36.2	2.56	42.2	3.38	45.2	3.79	51.2	4.59	57.3	5.38	63.3	6.16
		5.0	30.1	1.74	36.2	2.57	42.2	3.39	45.2	3.80	51.2	4.60	57.3	5.39	63.3	6.18
		10.0	30.1	1.75	36.2	2.58	42.2	3.40	45.2	3.81	51.2	4.61	57.3	5.40	63.3	6.19
		15.0	30.1	1.77	36.2	2.60	42.2	3.42	45.2	3.82	51.2	4.63	57.3	5.42	63.3	6.21
		20.0	30.1	1.80	36.2	2.63	42.2	3.45	45.2	3.85	51.2	4.65	57.3	5.45	63.3	6.24
		25.0	30.1	1.85	36.2	2.68	42.2	3.50	45.2	3.90	51.2	4.69	57.3	5.48	63.3	6.29
		30.0	30.1	2.64	36.2	3.15	42.2	3.82	45.2	4.18	51.2	4.91	57.3	5.73	63.3	6.63
		35.0	30.1	5.13	36.2	5.83	42.2	6.44	45.2	6.71	51.2	7.20	57.3	7.80	63.3	8.57
		40.0	30.1	6.52	36.2	7.43	42.2	8.23	45.2	8.59	51.2	9.24	57.3	9.80	63.3	10.29
		43.0	30.1	7.38	36.2	8.42	42.2	9.34	45.2	9.76	51.2	10.52	57.3	11.18	63.3	11.76
		46.0	30.1	8.57	36.2	9.58	42.2	10.49	45.2	10.91	51.2	11.68	57.3	12.38	63.3	12.99
		52.0	30.1	10.19	35.4	11.62	38.8	11.83	40.7	11.97	44.8	12.28	49.4	12.63	54.4	13.00

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	22.6	0.68	27.1	1.31	31.6	1.94	33.9	2.26	38.4	2.88	42.9	3.49	47.5	4.10
		-5.0	22.6	0.68	27.1	1.31	31.6	1.95	33.9	2.26	38.4	2.89	42.9	3.50	47.5	4.10
		0.0	22.6	0.69	27.1	1.32	31.6	1.95	33.9	2.27	38.4	2.90	42.9	3.51	47.5	4.12
		5.0	22.6	0.69	27.1	1.33	31.6	1.96	33.9	2.28	38.4	2.91	42.9	3.52	47.5	4.13
		10.0	22.6	0.70	27.1	1.33	31.6	1.97	33.9	2.29	38.4	2.92	42.9	3.54	47.5	4.15
		15.0	22.6	0.71	27.1	1.35	31.6	1.98	33.9	2.31	38.4	2.94	42.9	3.56	47.5	4.17
		20.0	22.6	0.73	27.1	1.36	31.6	2.01	33.9	2.33	38.4	2.97	42.9	3.59	47.5	4.20
		25.0	22.6	0.77	27.1	1.40	31.6	2.04	33.9	2.37	38.4	3.01	42.9	3.66	47.5	4.32
		30.0	22.6	0.89	27.1	1.47	31.6	2.13	33.9	2.51	38.4	3.28	42.9	4.04	47.5	4.76
		35.0	22.6	3.50	27.1	3.91	31.6	4.38	33.9	4.69	38.4	5.30	42.9	5.91	47.5	6.50
		40.0	22.6	4.53	27.1	5.08	31.6	5.54	33.9	5.73	38.4	6.05	42.9	6.31	47.5	6.50
		43.0	22.6	5.17	27.1	5.82	31.6	6.36	33.9	6.60	38.4	6.99	42.9	7.31	47.5	7.55
		46.0	22.6	6.55	27.1	7.16	31.6	7.69	33.9	7.92	38.4	8.33	42.9	8.66	47.5	8.92
		52.0	22.6	7.71	27.1	8.51	31.6	9.21	33.9	9.52	38.4	9.83	42.9	9.99	47.5	10.06

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-34. 40HP (Heating) U-12ME2E8+U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	100%	-24.9	-25.0	90.7	31.16	88.4	30.60	83.6	29.42	81.2	28.79	73.8	26.76	68.6	25.30	55.1	21.14
		-19.8	-20.0	95.3	31.88	92.8	31.30	87.9	30.06	85.4	29.41	77.6	27.31	72.2	25.79	58.1	21.51
		-14.7	-15.0	101.7	32.97	99.2	32.35	93.9	31.04	91.2	30.34	83.0	28.13	77.3	26.53	62.2	22.05
		-9.6	-10.0	110.4	34.63	107.6	33.96	102.0	32.50	99.1	31.70	90.2	29.27	84.0	27.56	67.7	22.79
		-4.4	-5.0	121.7	36.03	118.7	35.37	112.5	33.94	109.3	33.19	99.4	30.70	92.6	28.88	74.5	23.79
		-1.8	-2.5	128.4	36.62	125.2	35.93	118.6	34.45	115.3	33.66	104.9	31.10	97.7	29.25	78.7	24.09
		0.8	0.0	135.8	37.19	132.4	36.46	125.5	34.91	121.9	34.09	111.0	31.47	103.5	29.58	80.0	22.93
		2.8	2.0	143.9	37.77	140.4	37.01	131.7	34.79	127.0	33.51	112.9	29.74	103.5	27.28	80.0	21.23
		6.0	5.0	145.8	33.56	141.1	32.47	131.7	30.30	127.0	29.22	112.9	26.04	103.5	23.90	80.0	18.74
		7.0	6.0	145.8	31.91	141.1	30.88	131.7	28.85	127.0	27.80	112.9	24.80	103.5	22.83	80.0	17.95
		8.6	7.5	145.8	29.45	141.1	28.52	131.7	26.68	127.0	25.77	112.9	23.06	103.5	21.26	80.0	16.82
		11.2	10.0	145.8	25.64	141.1	24.88	131.7	23.36	127.0	22.61	112.9	20.34	103.5	18.84	80.0	15.04
		16.4	15.0	145.8	18.97	141.1	18.48	131.7	17.49	127.0	16.99	112.9	15.45	103.5	14.39	80.0	11.64
		24.0	18.0	145.8	16.43	141.1	15.95	131.7	14.98	127.0	14.50	112.9	13.05	103.5	12.09	80.0	9.67

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	90.7	31.16	88.4	30.60	83.6	29.42	81.2	28.79	73.8	26.76	68.6	25.30	55.1	21.14
		-19.8	-20.0	95.3	31.88	92.8	31.30	87.9	30.06	85.4	29.41	77.6	27.31	72.2	25.79	58.1	21.51
		-14.7	-15.0	101.7	32.97	99.2	32.35	93.9	31.04	91.2	30.34	83.0	28.13	77.3	26.53	62.2	22.05
		-9.6	-10.0	110.4	34.63	107.6	33.96	102.0	32.50	99.1	31.70	90.2	29.27	84.0	27.56	67.7	22.79
		-4.4	-5.0	121.7	36.03	118.7	35.37	112.5	33.94	109.3	33.19	99.4	30.70	92.6	28.88	72.0	21.94
		-1.8	-2.5	128.4	36.62	125.2	35.93	118.5	34.45	114.3	30.96	101.6	27.89	93.1	25.82	72.0	20.55
		0.8	0.0	131.2	32.12	127.0	31.23	118.5	29.42	114.3	28.51	101.6	25.75	93.1	23.88	72.0	19.10
		2.8	2.0	131.2	29.22	127.0	28.44	118.5	26.85	114.3	26.05	101.6	23.61	93.1	21.96	72.0	17.79
		6.0	5.0	131.2	25.31	127.0	24.74	118.5	23.56	114.3	22.95	101.6	21.00	93.1	19.58	72.0	15.80
		7.0	6.0	131.2	24.64	127.0	23.99	118.5	22.69	114.3	22.04	101.6	20.03	93.1	18.66	72.0	15.12
		8.6	7.5	131.2	22.61	127.0	22.05	118.5	20.91	114.3	20.34	101.6	18.56	93.1	17.34	72.0	14.15
		11.2	10.0	131.2	19.44	127.0	19.01	118.5	18.13	114.3	17.68	101.6	16.26	93.1	15.27	72.0	12.61
		16.4	15.0	131.2	14.94	127.0	14.50	118.5	13.63	114.3	13.20	101.6	12.10	93.1	11.45	72.0	9.62
		24.0	18.0	131.2	14.94	127.0	14.50	118.5	13.63	114.3	13.20	101.6	11.89	93.1	11.03	72.0	8.85

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI
100%	80%	-24.9	-25.0	90.7	31.16	88.4	30.60	83.6	29.42	81.2	28.79	73.8	26.76	68.6	25.30	55.1	21.14
		-19.8	-20.0	95.3	31.88	92.8	31.30	87.9	30.06	85.4	29.41	77.6	27.31	72.2	25.79	58.1	21.51
		-14.7	-15.0	101.7	32.97	99.2	32.35	93.9	31.04	91.2	30.34	83.0	28.13	77.3	26.53	62.2	22.05
		-9.6	-10.0	110.4	34.63	107.6	33.96	102.0	32.50	99.1	31.70	90.2	29.27	82.8	25.17	64.0	20.37
		-4.4	-5.0	116.7	28.76	112.9	28.10	105.4	26.74	101.6	26.04	90.3	23.86	82.8	22.33	64.0	18.24
		-1.8	-2.5	116.7	26.50	112.9	25.92	105.4	24.73	101.6	24.11	90.3	22.16	82.8	20.79	64.0	17.16
		0.8	0.0	116.7	24.08	112.9	23.64	105.4	22.70	101.6	22.19	90.3	20.56	82.8	19.37	64.0	16.05
		2.8	2.0	116.7	22.17	112.9	21.78	105.4	20.95	101.6	20.50	90.3	19.04	82.8	17.97	64.0	14.95
		6.0	5.0	116.7	19.46	112.9	19.14	105.4	18.46	101.6	18.09	90.3	16.85	82.8	15.90	64.0	13.23
		7.0	6.0	116.7	18.74	112.9	18.39	105.4	17.66	101.6	17.27	90.3	16.03	82.8	15.13	64.0	12.66
		8.6	7.5	116.7	17.07	112.9	16.78	105.4	16.17	101.6	15.85	90.3	14.79	82.8	14.02	64.0	11.82
		11.2	10.0	116.7	14.50	112.9	14.30	105.4	13.88	101.6	13.65	90.3	12.87	82.8	12.27	64.0	10.51
		16.4	15.0	116.7	13.44	112.9	13.05	105.4	12.28	101.6	11.89	90.3	10.74	82.8	9.96	64.0	8.03
		24.0	18.0	116.7	13.44	112.9	13.05	105.4	12.28	101.6	11.89	90.3	10.74	82.8	9.96	64.0	8.03

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	70%	-24.9	-25.0	90.7	31.16	88.4	30.60	83.6	29.42	81.2	28.79	73.8	26.76	68.6	25.30	55.1	21.14
		-19.8	-20.0	95.3	31.88	92.8	31.30	87.9	30.06	85.4	29.41	77.6	27.31	72.2	25.79	56.0	19.16
		-14.7	-15.0	101.7	32.97	98.8	27.37	92.2	26.22	88.9	25.62	79.0	23.69	72.4	22.29	56.0	18.33
		-9.6	-10.0	102.1	25.02	98.8	24.57	92.2	23.61	88.9	23.10	79.0	21.45	72.4	20.25	56.0	16.97
		-4.4	-5.0	102.1	21.89	98.8	21.57	92.2	20.87	88.9	20.48	79.0	19.17	72.4	18.18	56.0	15.30
		-1.8	-2.5	102.1	20.33	98.8	20.06	92.2	19.43	88.9	19.09	79.0	17.92	72.4	17.02	56.0	14.38
		0.8	0.0	102.1	18.70	98.8	18.47	92.2	17.93	88.9	17.63	79.0	16.60	72.4	15.80	56.0	13.42
		2.8	2.0	102.1	17.09	98.8	16.90	92.2	16.46	88.9	16.20	79.0	15.31	72.4	14.61	56.0	12.47
		6.0	5.0	102.1	14.78	98.8	14.65	92.2	14.32	88.9	14.12	79.0	13.40	72.4	12.80	56.0	10.93
		7.0	6.0	102.1	14.03	98.8	13.88	92.2	13.55	88.9	13.36	79.0	12.69	72.4	12.16	56.0	10.51
		8.6	7.5	102.1	12.70	98.8	12.60	92.2	12.35	88.9	12.21	79.0	11.67	72.4	11.23	56.0	9.81
		11.2	10.0	102.1	11.94	98.8	11.60	92.2	10.93	88.9	10.59	79.0	10.10	72.4	9.79	56.0	8.70
		16.4	15.0	102.1	11.94	98.8	11.60	92.2	10.93	88.9	10.59	79.0	9.58	72.4	8.90	56.0	7.21
24.0	18.0	102.1	11.94	98.8	11.60	92.2	10.93	88.9	10.59	79.0	9.58	72.4	8.90	56.0	7.21		

3. Part Load of Outdoor Unit

40HP (Heating) U-12ME2E8+U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-24.9	-25.0	87.5	24.61	84.7	24.22	79.0	23.38	76.2	22.93	67.7	21.39	62.1	20.17	48.0	16.59
		-19.8	-20.0	87.5	23.11	84.7	22.77	79.0	22.05	76.2	21.66	67.7	20.33	62.1	19.32	48.0	16.09
		-14.7	-15.0	87.5	21.44	84.7	21.17	79.0	20.55	76.2	20.20	67.7	19.01	62.1	18.09	48.0	15.34
		-9.6	-10.0	87.5	19.43	84.7	19.21	79.0	18.70	76.2	18.41	67.7	17.39	62.1	16.58	48.0	14.14
		-4.4	-5.0	87.5	17.06	84.7	16.90	79.0	16.51	76.2	16.28	67.7	15.46	62.1	14.79	48.0	12.72
		-1.8	-2.5	87.5	15.76	84.7	15.63	79.0	15.31	76.2	15.12	67.7	14.40	62.1	13.81	48.0	11.94
		0.8	0.0	87.5	14.40	84.7	14.31	79.0	14.06	76.2	13.90	67.7	13.30	62.1	12.79	48.0	11.13
		2.8	2.0	87.5	13.06	84.7	13.00	79.0	12.83	76.2	12.71	67.7	12.22	62.1	11.79	48.0	10.32
		6.0	5.0	87.5	11.09	84.7	11.06	79.0	10.94	76.2	10.86	67.7	10.51	62.1	10.19	48.0	8.97
		7.0	6.0	87.5	10.45	84.7	10.36	79.0	10.29	76.2	10.22	67.7	9.94	62.1	9.67	48.0	8.65
		8.6	7.5	87.5	10.45	84.7	10.16	79.0	9.58	76.2	9.32	67.7	9.13	62.1	8.92	48.0	8.07
		11.2	10.0	87.5	10.45	84.7	10.16	79.0	9.58	76.2	9.29	67.7	8.42	62.1	7.84	48.0	7.15
		16.4	15.0	87.5	10.45	84.7	10.16	79.0	9.58	76.2	9.29	67.7	8.42	62.1	7.84	48.0	6.39
		24.0	18.0	87.5	10.45	84.7	10.16	79.0	9.58	76.2	9.29	67.7	8.42	62.1	7.84	48.0	6.39
100%	50%	-24.9	-25.0	72.9	19.12	70.6	18.91	65.9	18.43	63.5	18.15	56.4	17.17	51.7	16.40	40.0	13.69
		-19.8	-20.0	72.9	18.09	70.6	17.91	65.9	17.48	63.5	17.23	56.4	16.34	51.7	15.62	40.0	13.38
		-14.7	-15.0	72.9	16.74	70.6	16.60	65.9	16.24	63.5	16.03	56.4	15.24	51.7	14.61	40.0	12.60
		-9.6	-10.0	72.9	15.09	70.6	14.99	65.9	14.71	63.5	14.54	56.4	13.90	51.7	13.36	40.0	11.60
		-4.4	-5.0	72.9	13.16	70.6	13.10	65.9	12.92	63.5	12.80	56.4	12.31	51.7	11.88	40.0	10.43
		-1.8	-2.5	72.9	12.10	70.6	12.06	65.9	11.94	63.5	11.84	56.4	11.44	51.7	11.08	40.0	9.78
		0.8	0.0	72.9	10.99	70.6	10.98	65.9	10.92	63.5	10.86	56.4	10.55	51.7	10.24	40.0	9.11
		2.8	2.0	72.9	9.91	70.6	9.92	65.9	9.88	63.5	9.83	56.4	9.59	51.7	9.34	40.0	8.38
		6.0	5.0	72.9	8.95	70.6	8.71	65.9	8.24	63.5	8.24	56.4	8.16	51.7	8.02	40.0	7.30
		7.0	6.0	72.9	8.95	70.6	8.71	65.9	8.23	63.5	7.98	56.4	7.71	51.7	7.61	40.0	7.03
		8.6	7.5	72.9	8.95	70.6	8.71	65.9	8.23	63.5	7.98	56.4	7.26	51.7	7.02	40.0	6.57
		11.2	10.0	72.9	8.95	70.6	8.71	65.9	8.23	63.5	7.98	56.4	7.26	51.7	6.78	40.0	5.83
		16.4	15.0	72.9	8.95	70.6	8.71	65.9	8.23	63.5	7.98	56.4	7.26	51.7	6.78	40.0	5.57
		24.0	18.0	72.9	8.95	70.6	8.71	65.9	8.23	63.5	7.98	56.4	7.26	51.7	6.78	40.0	5.57
100%	40%	-24.9	-25.0	58.3	14.68	56.4	14.57	52.7	14.28	50.8	14.11	45.2	13.47	41.4	12.94	32.0	11.15
		-19.8	-20.0	58.3	13.86	56.4	13.77	52.7	13.53	50.8	13.38	45.2	12.81	41.4	12.32	32.0	10.73
		-14.7	-15.0	58.3	12.79	56.4	12.73	52.7	12.54	50.8	12.42	45.2	11.94	41.4	11.51	32.0	10.09
		-9.6	-10.0	58.3	11.49	56.4	11.46	52.7	11.33	50.8	11.24	45.2	10.86	41.4	10.51	32.0	9.29
		-4.4	-5.0	58.3	9.97	56.4	9.97	52.7	9.92	50.8	9.87	45.2	9.61	41.4	9.34	32.0	8.36
		-1.8	-2.5	58.3	9.13	56.4	9.15	52.7	9.14	50.8	9.10	45.2	8.90	41.4	8.67	32.0	7.81
		0.8	0.0	58.3	8.16	56.4	8.20	52.7	8.23	50.8	8.22	45.2	8.10	41.4	7.94	32.0	7.23
		2.8	2.0	58.3	7.45	56.4	7.27	52.7	7.34	50.8	7.36	45.2	7.32	41.4	7.22	32.0	6.67
		6.0	5.0	58.3	7.45	56.4	7.26	52.7	6.87	50.8	6.68	45.2	6.25	41.4	6.22	32.0	5.87
		7.0	6.0	58.3	7.45	56.4	7.26	52.7	6.87	50.8	6.68	45.2	6.10	41.4	5.91	32.0	5.63
		8.6	7.5	58.3	7.45	56.4	7.26	52.7	6.87	50.8	6.68	45.2	6.10	41.4	5.72	32.0	5.27
		11.2	10.0	58.3	7.45	56.4	7.26	52.7	6.87	50.8	6.68	45.2	6.10	41.4	5.72	32.0	4.75
		16.4	15.0	58.3	7.45	56.4	7.26	52.7	6.87	50.8	6.68	45.2	6.10	41.4	5.72	32.0	4.75
		24.0	18.0	58.3	7.45	56.4	7.26	52.7	6.87	50.8	6.68	45.2	6.10	41.4	5.72	32.0	4.75
100%	30%	-24.9	-25.0	43.7	10.81	42.3	10.76	39.5	10.61	38.1	10.51	33.9	10.11	31.0	9.77	24.0	8.59
		-19.8	-20.0	43.7	10.20	42.3	10.16	39.5	10.04	38.1	9.96	33.9	9.62	31.0	9.31	24.0	8.24
		-14.7	-15.0	43.7	9.40	42.3	9.39	39.5	9.30	38.1	9.24	33.9	8.97	31.0	8.70	24.0	7.75
		-9.6	-10.0	43.7	8.42	42.3	8.42	39.5	8.38	38.1	8.34	33.9	8.13	31.0	7.92	24.0	7.13
		-4.4	-5.0	43.7	7.17	42.3	7.20	39.5	7.23	38.1	7.22	33.9	7.13	31.0	6.99	24.0	6.39
		-1.8	-2.5	43.7	6.49	42.3	6.54	39.5	6.60	38.1	6.62	33.9	6.58	31.0	6.48	24.0	5.99
		0.8	0.0	43.7	5.96	42.3	5.87	39.5	5.96	38.1	5.99	33.9	6.01	31.0	5.95	24.0	5.57
		2.8	2.0	43.7	5.96	42.3	5.81	39.5	5.52	38.1	5.39	33.9	5.45	31.0	5.44	24.0	5.16
		6.0	5.0	43.7	5.96	42.3	5.81	39.5	5.52	38.1	5.38	33.9	4.94	31.0	4.73	24.0	4.58
		7.0	6.0	43.7	5.96	42.3	5.81	39.5	5.52	38.1	5.38	33.9	4.94	31.0	4.65	24.0	4.40
		8.6	7.5	43.7	5.96	42.3	5.81	39.5	5.52	38.1	5.38	33.9	4.94	31.0	4.65	24.0	4.15
		11.2	10.0	43.7	5.96	42.3	5.81	39.5	5.52	38.1	5.38	33.9	4.94	31.0	4.65	24.0	3.93
		16.4	15.0	43.7	5.96	42.3	5.81	39.5	5.52	38.1	5.38	33.9	4.94	31.0	4.65	24.0	3.93
		24.0	18.0	43.7	5.96	42.3	5.81	39.5	5.52	38.1	5.38	33.9	4.94	31.0	4.65	24.0	3.93

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-35. 42HP (Cooling) U-10ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	78.7	8.87	94.4	10.64	110.1	12.42	118.0	13.30	133.7	15.08	149.5	16.86	165.2	18.63
		-5.0	78.7	8.88	94.4	10.66	110.1	12.43	118.0	13.32	133.7	15.10	149.5	16.87	165.2	18.64
		0.0	78.7	8.90	94.4	10.68	110.1	12.45	118.0	13.34	133.7	15.12	149.5	16.90	165.2	18.68
		5.0	78.7	8.92	94.4	10.70	110.1	12.48	118.0	13.38	133.7	15.18	149.5	17.01	165.2	18.81
		10.0	78.7	8.95	94.4	10.75	110.1	12.59	118.0	13.53	133.7	15.41	149.5	17.31	165.2	19.16
		15.0	78.7	9.11	94.4	11.05	110.1	13.04	118.0	14.05	133.7	16.08	149.5	18.13	165.2	20.02
		20.0	78.7	10.10	94.4	12.35	110.1	14.98	118.0	16.40	133.7	19.46	149.5	22.82	165.2	26.47
		25.0	78.7	12.93	94.4	16.01	110.1	19.39	118.0	21.20	133.7	25.04	149.5	29.19	165.2	33.64
		30.0	78.7	16.25	94.4	20.07	110.1	24.22	118.0	26.42	133.7	31.06	149.5	36.03	165.2	41.34
		35.0	78.7	19.81	94.4	24.44	110.1	29.41	118.0	32.03	133.7	37.53	149.5	43.41	157.9	44.80
		40.0	78.7	23.66	94.4	29.14	110.1	35.00	118.0	38.07	133.7	44.53	139.8	44.79	145.8	44.79
		43.0	78.7	26.10	94.4	32.12	110.1	38.56	118.0	41.95	127.6	44.79	133.6	44.79	136.7	42.65
		46.0	77.9	28.39	93.5	34.95	99.3	35.56	100.3	34.60	103.0	33.01	106.4	31.75	110.5	30.76
		52.0	34.0	12.05	37.0	12.18	40.5	12.41	42.5	12.55	46.8	12.89	51.6	13.26	56.8	13.66

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	70.8	7.17	85.0	8.99	99.1	10.77	106.2	11.64	120.4	13.36	134.5	15.03	148.7	16.67
		-5.0	70.8	7.18	85.0	9.01	99.1	10.79	106.2	11.66	120.4	13.37	134.5	15.05	148.7	16.69
		0.0	70.8	7.20	85.0	9.02	99.1	10.80	106.2	11.68	120.4	13.39	134.5	15.07	148.7	16.71
		5.0	70.8	7.22	85.0	9.05	99.1	10.83	106.2	11.70	120.4	13.42	134.5	15.11	148.7	16.77
		10.0	70.8	7.25	85.0	9.08	99.1	10.87	106.2	11.76	120.4	13.52	134.5	15.25	148.7	16.96
		15.0	70.8	7.32	85.0	9.22	99.1	11.11	106.2	12.04	120.4	13.88	134.5	15.69	148.7	17.46
		20.0	70.8	7.91	85.0	10.02	99.1	12.09	106.2	13.09	120.4	15.06	134.5	17.33	148.7	19.75
		25.0	70.8	10.42	85.0	12.94	99.1	15.55	106.2	16.88	120.4	19.62	134.5	22.43	148.7	25.31
		30.0	70.8	13.50	85.0	16.55	99.1	19.65	106.2	21.23	120.4	24.42	134.5	27.68	148.7	31.03
		35.0	70.8	17.33	85.0	21.02	99.1	24.75	106.2	26.63	120.4	30.45	134.5	34.37	148.7	38.43
		40.0	70.8	20.73	85.0	24.96	99.1	29.23	106.2	31.39	120.4	35.80	134.5	40.40	145.8	44.79
		43.0	70.8	22.83	85.0	27.40	99.1	32.02	106.2	34.37	120.4	39.22	133.6	44.79	136.7	42.65
		46.0	70.8	24.46	85.0	29.72	99.1	35.23	100.3	34.60	103.0	33.01	106.4	31.75	110.5	30.76
		52.0	34.0	12.05	37.0	12.18	40.5	12.41	42.5	12.55	46.8	12.89	51.6	13.26	56.8	13.66

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	62.9	6.15	75.5	7.80	88.1	9.41	94.4	10.20	107.0	11.76	119.6	13.29	132.2	14.79
		-5.0	62.9	6.16	75.5	7.81	88.1	9.42	94.4	10.22	107.0	11.78	119.6	13.31	132.2	14.81
		0.0	62.9	6.17	75.5	7.82	88.1	9.44	94.4	10.23	107.0	11.80	119.6	13.33	132.2	14.82
		5.0	62.9	6.19	75.5	7.84	88.1	9.46	94.4	10.26	107.0	11.82	119.6	13.35	132.2	14.85
		10.0	62.9	6.21	75.5	7.87	88.1	9.49	94.4	10.28	107.0	12.18	119.6	13.40	132.2	14.92
		15.0	62.9	6.25	75.5	7.92	88.1	9.57	94.4	10.39	107.0	12.01	119.6	13.60	132.2	15.16
		20.0	62.9	6.51	75.5	8.30	88.1	10.05	94.4	10.92	107.0	12.61	119.6	14.25	132.2	15.86
		25.0	62.9	8.41	75.5	10.31	88.1	12.25	94.4	13.23	107.0	15.22	119.6	17.23	132.2	19.27
		30.0	62.9	11.10	75.5	13.47	88.1	15.85	94.4	17.05	107.0	19.44	119.6	21.84	132.2	24.25
		35.0	62.9	14.46	75.5	17.40	88.1	20.31	94.4	21.76	107.0	24.66	119.6	27.55	132.2	30.45
		40.0	62.9	17.48	75.5	20.88	88.1	24.24	94.4	25.91	107.0	29.25	119.6	32.59	132.2	35.97
		43.0	62.9	19.35	75.5	23.04	88.1	26.68	94.4	28.50	107.0	32.12	119.6	35.79	132.2	39.54
		46.0	62.9	20.66	75.5	24.75	88.1	28.95	94.4	31.09	103.0	33.01	106.4	31.75	110.5	30.76
		52.0	34.0	12.05	37.0	12.18	40.5	12.41	42.5	12.55	46.8	12.89	51.6	13.26	56.8	13.66

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	55.1	5.10	66.1	6.58	77.1	8.02	82.6	8.73	93.6	10.13	104.6	11.50	115.6	12.85
		-5.0	55.1	5.11	66.1	6.58	77.1	8.03	82.6	8.74	93.6	10.14	104.6	11.51	115.6	12.86
		0.0	55.1	5.12	66.1	6.60	77.1	8.04	82.6	8.75	93.6	10.15	104.6	11.53	115.6	12.87
		5.0	55.1	5.14	66.1	6.61	77.1	8.06	82.6	8.77	93.6	10.17	104.6	11.55	115.6	12.90
		10.0	55.1	5.16	66.1	6.64	77.1	8.09	82.6	8.80	93.6	10.20	104.6	11.57	115.6	12.92
		15.0	55.1	5.20	66.1	6.67	77.1	8.12	82.6	8.83	93.6	10.24	104.6	11.63	115.6	13.00
		20.0	55.1	5.28	66.1	6.80	77.1	8.30	82.6	9.04	93.6	10.50	104.6	11.92	115.6	13.31
		25.0	55.1	6.34	66.1	7.91	77.1	9.42	82.6	10.16	93.6	11.59	104.6	12.99	115.6	14.35
		30.0	55.1	8.91	66.1	10.69	77.1	12.44	82.6	13.30	93.6	15.01	104.6	16.68	115.6	18.33
		35.0	55.1	11.81	66.1	14.07	77.1	16.28	82.6	17.36	93.6	19.48	104.6	21.55	115.6	23.59
		40.0	55.1	14.45	66.1	17.12	77.1	19.70	82.6	20.96	93.6	23.44	104.6	25.86	115.6	28.22
		43.0	55.1	16.08	66.1	18.99	77.1	21.81	82.6	23.19	93.6	25.89	104.6	28.53	115.6	31.13
		46.0	55.1	17.22	66.1	20.33	77.1	23.44	82.6	25.00	93.6	28.12	104.6	30.13	110.5	30.76
		52.0	34.0	12.05	37.0	12.18	40.5	12.41	42.5	12.55	46.8	12.89	51.6	13.26	56.8	13.66

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

42HP (Cooling) U-10ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	47.2	4.04	56.6	5.33	66.1	6.59	70.8	7.21	80.2	8.44	89.7	9.65	99.1	10.83
		-5.0	47.2	4.05	56.6	5.34	66.1	6.60	70.8	7.22	80.2	8.45	89.7	9.66	99.1	10.84
		0.0	47.2	4.06	56.6	5.35	66.1	6.61	70.8	7.23	80.2	8.46	89.7	9.67	99.1	10.86
		5.0	47.2	4.07	56.6	5.36	66.1	6.62	70.8	7.25	80.2	8.48	89.7	9.69	99.1	10.87
		10.0	47.2	4.09	56.6	5.38	66.1	6.65	70.8	7.27	80.2	8.50	89.7	9.71	99.1	10.90
		15.0	47.2	4.12	56.6	5.41	66.1	6.68	70.8	7.30	80.2	8.53	89.7	9.74	99.1	10.92
		20.0	47.2	4.17	56.6	5.46	66.1	6.73	70.8	7.35	80.2	8.60	89.7	9.82	99.1	11.02
		25.0	47.2	4.54	56.6	5.87	66.1	7.16	70.8	7.79	80.2	9.03	89.7	10.25	99.1	11.44
		30.0	47.2	6.93	56.6	8.21	66.1	9.42	70.8	10.01	80.2	11.14	89.7	12.22	99.1	13.25
		35.0	47.2	9.37	56.6	11.04	66.1	12.63	70.8	13.39	80.2	14.86	89.7	16.26	99.1	17.60
		40.0	47.2	11.63	56.6	13.65	66.1	15.57	70.8	16.48	80.2	18.25	89.7	19.93	99.1	21.54
		43.0	47.2	13.03	56.6	15.26	66.1	17.37	70.8	18.38	80.2	20.33	89.7	22.18	99.1	23.95
		46.0	47.2	14.13	56.6	16.42	66.1	18.64	70.8	19.74	80.2	21.88	89.7	23.97	99.1	26.02
		52.0	34.0	12.05	37.0	12.18	40.5	12.41	42.5	12.55	46.8	12.89	51.6	13.26	56.8	13.66

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	39.3	2.96	47.2	4.06	55.1	5.13	59.0	5.66	66.9	6.71	74.7	7.74	82.6	8.75
		-5.0	39.3	2.97	47.2	4.06	55.1	5.14	59.0	5.67	66.9	6.72	74.7	7.75	82.6	8.76
		0.0	39.3	2.98	47.2	4.07	55.1	5.14	59.0	5.68	66.9	6.72	74.7	7.76	82.6	8.77
		5.0	39.3	2.99	47.2	4.08	55.1	5.16	59.0	5.69	66.9	6.74	74.7	7.77	82.6	8.78
		10.0	39.3	3.00	47.2	4.10	55.1	5.17	59.0	5.70	66.9	6.75	74.7	7.78	82.6	8.80
		15.0	39.3	3.02	47.2	4.12	55.1	5.19	59.0	5.73	66.9	6.78	74.7	7.81	82.6	8.82
		20.0	39.3	3.06	47.2	4.16	55.1	5.23	59.0	5.76	66.9	6.81	74.7	7.84	82.6	8.85
		25.0	39.3	3.16	47.2	4.26	55.1	5.33	59.0	5.87	66.9	6.92	74.7	7.95	82.6	8.96
		30.0	39.3	5.18	47.2	5.98	55.1	6.58	59.0	6.95	66.9	7.78	74.7	8.66	82.6	9.56
		35.0	39.3	7.16	47.2	8.32	55.1	9.39	59.0	9.89	66.9	10.83	74.7	11.68	82.6	12.46
		40.0	39.3	9.04	47.2	10.49	55.1	11.83	59.0	12.46	66.9	13.64	74.7	14.72	82.6	15.71
		43.0	39.3	10.20	47.2	11.83	55.1	13.33	59.0	14.03	66.9	15.36	74.7	16.58	82.6	17.71
		46.0	39.3	11.37	47.2	12.98	55.1	14.50	59.0	15.23	66.9	16.62	74.7	17.94	82.6	19.17
		52.0	34.0	12.05	37.0	12.18	40.5	12.41	42.5	12.55	46.8	12.89	51.6	13.26	56.8	13.66

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	31.5	1.87	37.8	2.75	44.1	3.63	47.2	4.06	53.5	4.92	59.8	5.77	66.1	6.60
		-5.0	31.5	1.87	37.8	2.76	44.1	3.64	47.2	4.07	53.5	4.93	59.8	5.78	66.1	6.61
		0.0	31.5	1.88	37.8	2.77	44.1	3.64	47.2	4.08	53.5	4.93	59.8	5.78	66.1	6.62
		5.0	31.5	1.88	37.8	2.77	44.1	3.65	47.2	4.09	53.5	4.94	59.8	5.79	66.1	6.63
		10.0	31.5	1.89	37.8	2.78	44.1	3.66	47.2	4.10	53.5	4.96	59.8	5.81	66.1	6.65
		15.0	31.5	1.91	37.8	2.80	44.1	3.68	47.2	4.11	53.5	4.97	59.8	5.82	66.1	6.67
		20.0	31.5	1.94	37.8	2.83	44.1	3.71	47.2	4.14	53.5	5.00	59.8	5.85	66.1	6.70
		25.0	31.5	2.00	37.8	2.88	44.1	3.76	47.2	4.19	53.5	5.04	59.8	5.89	66.1	6.74
		30.0	31.5	2.69	37.8	3.29	44.1	4.03	47.2	4.42	53.5	5.22	59.8	6.10	66.1	7.04
		35.0	31.5	5.17	37.8	5.93	44.1	6.58	47.2	6.88	53.5	7.40	59.8	8.05	66.1	8.88
		40.0	31.5	6.67	37.8	7.65	44.1	8.51	47.2	8.90	53.5	9.60	59.8	10.21	66.1	10.73
		43.0	31.5	7.59	37.8	8.71	44.1	9.70	47.2	10.16	53.5	10.97	59.8	11.69	66.1	12.31
		46.0	31.5	8.91	37.8	9.99	44.1	10.96	47.2	11.42	53.5	12.25	59.8	12.99	66.1	13.65
		52.0	31.5	10.65	37.0	12.18	40.5	12.41	42.5	12.55	46.8	12.89	51.6	13.26	56.8	13.66

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	23.6	0.75	28.3	1.43	33.0	2.10	35.4	2.44	40.1	3.10	44.8	3.76	49.6	4.41
		-5.0	23.6	0.75	28.3	1.43	33.0	2.11	35.4	2.44	40.1	3.11	44.8	3.77	49.6	4.41
		0.0	23.6	0.76	28.3	1.43	33.0	2.11	35.4	2.45	40.1	3.12	44.8	3.78	49.6	4.43
		5.0	23.6	0.76	28.3	1.44	33.0	2.12	35.4	2.46	40.1	3.13	44.8	3.79	49.6	4.44
		10.0	23.6	0.77	28.3	1.45	33.0	2.13	35.4	2.47	40.1	3.14	44.8	3.81	49.6	4.46
		15.0	23.6	0.78	28.3	1.46	33.0	2.14	35.4	2.49	40.1	3.16	44.8	3.83	49.6	4.48
		20.0	23.6	0.80	28.3	1.48	33.0	2.16	35.4	2.51	40.1	3.19	44.8	3.86	49.6	4.51
		25.0	23.6	0.84	28.3	1.51	33.0	2.20	35.4	2.55	40.1	3.23	44.8	3.92	49.6	4.61
		30.0	23.6	0.94	28.3	1.59	33.0	2.28	35.4	2.67	40.1	3.47	44.8	4.25	49.6	5.00
		35.0	23.6	3.42	28.3	3.86	33.0	4.37	35.4	4.70	40.1	5.36	44.8	6.01	49.6	6.65
		40.0	23.6	4.53	28.3	5.12	33.0	5.61	35.4	5.82	40.1	6.17	44.8	6.44	49.6	6.65
		43.0	23.6	5.22	28.3	5.92	33.0	6.50	35.4	6.75	40.1	7.18	44.8	7.52	49.6	7.78
		46.0	23.6	6.74	28.3	7.40	33.0	7.97	35.4	8.21	40.1	8.65	44.8	9.00	49.6	9.28
		52.0	23.6	7.98	28.3	8.84	33.0	9.59	35.4	9.93	40.1	10.26	44.8	10.44	49.6	10.51

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-36. 42HP (Heating) U-10ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	100%	-24.9	-25.0	93.1	31.81	90.8	31.27	86.1	30.11	83.6	29.48	76.2	27.48	71.0	26.01	57.4	21.86
		-19.8	-20.0	97.6	32.47	95.2	31.90	90.3	30.69	87.8	30.04	80.1	27.98	74.7	26.47	60.4	22.20
		-14.7	-15.0	104.0	33.46	101.5	32.86	96.3	31.58	93.7	30.92	85.5	28.75	79.8	27.17	64.7	22.73
		-9.6	-10.0	112.8	34.76	110.1	34.25	104.5	32.88	101.7	32.17	92.9	29.84	86.8	28.17	70.4	23.45
		-4.4	-5.0	124.2	36.83	121.3	36.16	115.2	34.72	112.1	33.95	102.4	31.41	95.6	29.56	77.5	24.41
		-1.8	-2.5	131.1	37.57	127.9	36.87	121.5	35.40	118.2	34.61	108.0	32.04	100.9	30.17	81.7	24.92
		0.8	0.0	138.6	38.19	135.4	37.47	128.6	35.93	125.1	35.11	114.3	32.45	106.7	30.53	83.1	23.79
		2.8	2.0	146.8	38.76	143.3	37.99	136.2	36.39	132.0	35.31	117.3	31.18	107.6	28.50	83.1	22.05
		6.0	5.0	151.6	35.73	146.7	34.49	136.9	32.06	132.0	30.86	117.3	27.35	107.6	25.04	83.1	19.51
		7.0	6.0	151.6	33.99	146.7	32.83	136.9	30.54	132.0	29.40	117.3	26.08	107.6	23.93	83.1	18.70
		8.6	7.5	151.6	31.43	146.7	30.37	136.9	28.29	132.0	27.27	117.3	24.26	107.6	22.30	83.1	17.53
		11.2	10.0	151.6	27.38	146.7	26.50	136.9	24.78	132.0	23.93	117.3	21.42	107.6	19.77	83.1	15.71
		16.4	15.0	151.6	20.32	146.7	19.76	136.9	18.64	132.0	18.08	117.3	16.38	107.6	15.23	83.1	12.30
		24.0	18.0	151.6	16.71	146.7	16.23	136.9	15.28	132.0	14.80	117.3	13.40	107.6	12.45	83.1	10.01

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	93.1	31.81	90.8	31.27	86.1	30.11	83.6	29.48	76.2	27.48	71.0	26.01	57.4	21.86
		-19.8	-20.0	97.6	32.47	95.2	31.90	90.3	30.69	87.8	30.04	80.1	27.98	74.7	26.47	60.4	22.20
		-14.7	-15.0	104.0	33.46	101.5	32.86	96.3	31.58	93.7	30.92	85.5	28.75	79.8	27.17	64.7	22.73
		-9.6	-10.0	112.8	34.76	110.1	34.25	104.5	32.88	101.7	32.17	92.9	29.84	86.8	28.17	70.4	23.45
		-4.4	-5.0	124.2	36.83	121.3	36.16	115.2	34.72	112.1	33.95	102.4	31.41	95.6	29.56	74.8	22.68
		-1.8	-2.5	131.1	37.57	127.9	36.87	121.5	35.40	118.2	34.61	105.6	29.09	96.8	26.86	74.8	21.28
		0.8	0.0	136.4	33.95	132.0	32.94	123.2	30.92	118.8	29.91	105.6	26.89	96.8	24.87	74.8	19.80
		2.8	2.0	136.4	30.95	132.0	30.06	123.2	28.27	118.8	27.38	105.6	24.65	96.8	22.96	74.8	18.55
		6.0	5.0	136.4	26.85	132.0	26.22	123.2	24.92	118.8	24.24	105.6	22.13	96.8	20.55	74.8	16.49
		7.0	6.0	136.4	26.33	132.0	25.58	123.2	24.09	118.8	23.35	105.6	21.10	96.8	19.60	74.8	15.79
		8.6	7.5	136.4	24.20	132.0	23.54	123.2	22.23	118.8	21.56	105.6	19.57	96.8	18.22	74.8	14.79
		11.2	10.0	136.4	20.85	132.0	20.34	123.2	19.30	118.8	18.78	105.6	17.18	96.8	16.08	74.8	13.22
		16.4	15.0	136.4	15.23	132.0	14.81	123.2	14.22	118.8	13.90	105.6	12.91	96.8	12.20	74.8	10.23
		24.0	18.0	136.4	15.23	132.0	14.80	123.2	13.94	118.8	13.51	105.6	12.21	96.8	11.35	74.8	9.20

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	80%	-24.9	-25.0	93.1	31.81	90.8	31.27	86.1	30.11	83.6	29.48	76.2	27.48	71.0	26.01	57.4	21.86
		-19.8	-20.0	97.6	32.47	95.2	31.90	90.3	30.69	87.8	30.04	80.1	27.98	74.7	26.47	60.4	22.20
		-14.7	-15.0	104.0	33.46	101.5	32.86	96.3	31.58	93.7	30.92	85.5	28.75	79.8	27.17	64.7	22.73
		-9.6	-10.0	112.8	34.76	110.1	34.25	104.5	32.88	101.7	32.17	92.9	29.84	86.0	28.17	66.5	20.93
		-4.4	-5.0	121.2	30.18	117.3	29.44	109.5	27.94	105.6	27.17	93.9	24.79	86.0	23.15	66.5	18.85
		-1.8	-2.5	121.2	27.87	117.3	27.22	109.5	25.88	105.6	25.19	93.9	23.06	86.0	21.59	66.5	17.78
		0.8	0.0	121.2	25.44	117.3	24.82	109.5	23.77	105.6	23.23	93.9	21.45	86.0	20.19	66.5	16.68
		2.8	2.0	121.2	23.38	117.3	22.95	109.5	22.02	105.6	21.53	93.9	19.94	86.0	18.78	66.5	15.59
		6.0	5.0	121.2	20.65	117.3	20.30	109.5	19.53	105.6	19.12	93.9	17.77	86.0	16.73	66.5	13.85
		7.0	6.0	121.2	20.10	117.3	19.67	109.5	18.79	105.6	18.34	93.9	16.93	86.0	15.93	66.5	13.26
		8.6	7.5	121.2	18.35	117.3	17.99	109.5	17.25	105.6	16.87	93.9	15.65	86.0	14.78	66.5	12.41
		11.2	10.0	121.2	15.62	117.3	15.37	109.5	14.85	105.6	14.57	93.9	13.65	86.0	12.98	66.5	11.07
		16.4	15.0	121.2	13.75	117.3	13.36	109.5	12.60	105.6	12.21	93.9	11.06	86.0	10.30	66.5	8.49
		24.0	18.0	121.2	13.75	117.3	13.36	109.5	12.60	105.6	12.21	93.9	11.06	86.0	10.30	66.5	8.38

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	70%	-24.9	-25.0	93.1	31.81	90.8	31.27	86.1	30.11	83.6	29.48	76.2	27.48	71.0	26.01	57.4	21.86		
		-19.8	-20.0	97.6	32.47	95.2	31.90	90.3	30.69	87.8	30.04	80.1	27.98	74.7	26.47	58.2	22.20		
		-14.7	-15.0	104.0	33.46	101.5	32.86	95.8	31.58	92.4	30.92	82.1	24.46	75.3	22.97	58.2	18.76		
		-9.6	-10.0	106.1	26.09	102.7	25.59	95.8	24.53	92.4	23.98	82.1	22.20	75.3	20.92	58.2	17.47		
		-4.4	-5.0	106.1	22.79	102.7	22.44	95.8	21.67	92.4	21.26	82.1	19.86	75.3	18.82	58.2	15.82		
		-1.8	-2.5	106.1	21.24	102.7	20.94	95.8	20.25	92.4	19.88	82.1	18.61	75.3	17.67	58.2	14.91		
		0.8	0.0	106.1	19.62	102.7	19.35	95.8	18.75	92.4	18.42	82.1	17.31	75.3	16.45	58.2	13.96		
		2.8	2.0	106.1	18.00	102.7	17.78	95.8	17.28	92.4	16.99	82.1	16.02	75.3	15.26	58.2	13.02		
		6.0	5.0	106.1	15.70	102.7	15.54	95.8	15.16	92.4	14.94	82.1	14.15	75.3	13.50	58.2	11.55		
		7.0	6.0	106.1	15.10	102.7	14.91	95.8	14.48	92.4	14.25	82.1	13.45	75.3	12.85	58.2	11.06		
		8.6	7.5	106.1	13.70	102.7	13.56	95.8	13.23	92.4	13.04	82.1	12.40	75.3	11.89	58.2	10.34		
		11.2	10.0	106.1	12.26	102.7	11.93	95.8	11.33	92.4	11.21	82.1	10.77	75.3	10.41	58.2	9.22		
		16.4	15.0	106.1	12.26	102.7	11.93	95.8	11.26	92.4	10.92	82.1	9.91	75.3	9.24	58.2	7.57		
		24.0	18.0	106.1	12.26	102.7	11.93	95.8	11.26	92.4	10.92	82.1	9.91	75.3	9.24	58.2	7.57		

3. Part Load of Outdoor Unit

42HP (Heating) U-10ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-24.9	-25.0	90.9	25.44	88.0	25.02	82.1	24.11	79.2	23.62	70.4	21.95	64.5	20.60	49.9	16.99
		-19.8	-20.0	90.9	23.93	88.0	23.56	82.1	22.74	79.2	22.30	70.4	20.85	64.5	19.78	49.9	16.41
		-14.7	-15.0	90.9	22.06	88.0	21.77	82.1	21.12	79.2	20.76	70.4	19.52	64.5	18.57	49.9	15.76
		-9.6	-10.0	90.9	20.07	88.0	19.84	82.1	19.30	79.2	18.99	70.4	17.91	64.5	17.08	49.9	14.58
		-4.4	-5.0	90.9	17.73	88.0	17.55	82.1	17.13	79.2	16.88	70.4	16.01	64.5	15.31	49.9	13.17
		-1.8	-2.5	90.9	16.45	88.0	16.30	82.1	15.94	79.2	15.72	70.4	14.96	64.5	14.34	49.9	12.40
		0.8	0.0	90.9	15.09	88.0	14.98	82.1	14.69	79.2	14.51	70.4	13.86	64.5	13.32	49.9	11.59
		2.8	2.0	90.9	13.75	88.0	13.67	82.1	13.46	79.2	13.32	70.4	12.79	64.5	12.32	49.9	10.79
		6.0	5.0	90.9	11.84	88.0	11.80	82.1	11.68	79.2	11.59	70.4	11.18	64.5	10.80	49.9	9.49
		7.0	6.0	90.9	11.22	88.0	11.17	82.1	11.04	79.2	10.95	70.4	10.59	64.5	10.27	49.9	9.15
		8.6	7.5	90.9	10.78	88.0	10.49	82.1	10.07	79.2	10.01	70.4	9.75	64.5	9.50	49.9	8.56
		11.2	10.0	90.9	10.78	88.0	10.49	82.1	9.91	79.2	9.63	70.4	8.77	64.5	8.32	49.9	7.63
		16.4	15.0	90.9	10.78	88.0	10.49	82.1	9.91	79.2	9.63	70.4	8.77	64.5	8.19	49.9	6.75
		24.0	18.0	90.9	10.78	88.0	10.49	82.1	9.91	79.2	9.63	70.4	8.77	64.5	8.19	49.9	6.75

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-24.9	-25.0	75.8	19.59	73.3	19.37	68.4	18.86	66.0	18.58	58.7	17.59	53.8	16.79	41.6	14.11
		-19.8	-20.0	75.8	18.57	73.3	18.38	68.4	17.93	66.0	17.67	58.7	16.75	53.8	16.03	41.6	13.74
		-14.7	-15.0	75.8	17.23	73.3	17.08	68.4	16.70	66.0	16.48	58.7	15.68	53.8	15.02	41.6	12.99
		-9.6	-10.0	75.8	15.60	73.3	15.48	68.4	15.19	66.0	15.01	58.7	14.34	53.8	13.79	41.6	12.00
		-4.4	-5.0	75.8	13.69	73.3	13.62	68.4	13.41	66.0	13.28	58.7	12.77	53.8	12.32	41.6	10.83
		-1.8	-2.5	75.8	12.63	73.3	12.59	68.4	12.44	66.0	12.34	58.7	11.91	53.8	11.52	41.6	10.19
		0.8	0.0	75.8	11.53	73.3	11.51	68.4	11.42	66.0	11.35	58.7	11.02	53.8	10.69	41.6	9.53
		2.8	2.0	75.8	10.45	73.3	10.46	68.4	10.42	66.0	10.38	58.7	10.13	53.8	9.87	41.6	8.86
		6.0	5.0	75.8	9.29	73.3	9.05	68.4	8.88	66.0	8.86	58.7	8.72	53.8	8.55	41.6	7.76
		7.0	6.0	75.8	9.29	73.3	9.05	68.4	8.57	66.0	8.36	58.7	8.27	53.8	8.13	41.6	7.50
		8.6	7.5	75.8	9.29	73.3	9.05	68.4	8.57	66.0	8.33	58.7	7.63	53.8	7.53	41.6	7.02
		11.2	10.0	75.8	9.29	73.3	9.05	68.4	8.57	66.0	8.33	58.7	7.62	53.8	7.14	41.6	6.28
		16.4	15.0	75.8	9.29	73.3	9.05	68.4	8.57	66.0	8.33	58.7	7.62	53.8	7.14	41.6	5.94
		24.0	18.0	75.8	9.29	73.3	9.05	68.4	8.57	66.0	8.33	58.7	7.62	53.8	7.14	41.6	5.94

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-24.9	-25.0	60.6	15.09	58.7	14.97	54.8	14.68	52.8	14.50	46.9	13.85	43.0	13.31	33.2	11.49
		-19.8	-20.0	60.6	14.28	58.7	14.18	54.8	13.93	52.8	13.78	46.9	13.19	43.0	12.70	33.2	11.10
		-14.7	-15.0	60.6	13.22	58.7	13.15	54.8	12.96	52.8	12.83	46.9	12.33	43.0	11.90	33.2	10.46
		-9.6	-10.0	60.6	11.93	58.7	11.89	54.8	11.76	52.8	11.66	46.9	11.27	43.0	10.91	33.2	9.67
		-4.4	-5.0	60.6	10.42	58.7	10.42	54.8	10.35	52.8	10.30	46.9	10.02	43.0	9.75	33.2	8.75
		-1.8	-2.5	60.6	9.59	58.7	9.61	54.8	9.59	52.8	9.56	46.9	9.35	43.0	9.12	33.2	8.24
		0.8	0.0	60.6	8.74	58.7	8.77	54.8	8.79	52.8	8.78	46.9	8.63	43.0	8.44	33.2	7.68
		2.8	2.0	60.6	7.82	58.7	7.86	54.8	7.91	52.8	7.91	46.9	7.84	43.0	7.71	33.2	7.11
		6.0	5.0	60.6	7.81	58.7	7.62	54.8	7.23	52.8	7.04	46.9	6.74	43.0	6.69	33.2	6.28
		7.0	6.0	60.6	7.81	58.7	7.62	54.8	7.23	52.8	7.04	46.9	6.47	43.0	6.38	33.2	6.06
		8.6	7.5	60.6	7.81	58.7	7.62	54.8	7.23	52.8	7.04	46.9	6.47	43.0	6.08	33.2	5.70
		11.2	10.0	60.6	7.81	58.7	7.62	54.8	7.23	52.8	7.04	46.9	6.47	43.0	6.08	33.2	5.14
		16.4	15.0	60.6	7.81	58.7	7.62	54.8	7.23	52.8	7.04	46.9	6.47	43.0	6.08	33.2	5.13
		24.0	18.0	60.6	7.81	58.7	7.62	54.8	7.23	52.8	7.04	46.9	6.47	43.0	6.08	33.2	5.13

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-24.9	-25.0	45.5	11.21	44.0	11.16	41.1	11.00	39.6	10.90	35.2	10.50	32.3	10.14	24.9	8.96
		-19.8	-20.0	45.5	10.61	44.0	10.56	41.1	10.44	39.6	10.36	35.2	10.00	32.3	9.69	24.9	8.61
		-14.7	-15.0	45.5	9.82	44.0	9.80	41.1	9.71	39.6	9.64	35.2	9.36	32.3	9.09	24.9	8.13
		-9.6	-10.0	45.5	8.86	44.0	8.86	41.1	8.82	39.6	8.78	35.2	8.57	32.3	8.35	24.9	7.54
		-4.4	-5.0	45.5	7.70	44.0	7.72	41.1	7.73	39.6	7.72	35.2	7.59	32.3	7.44	24.9	6.81
		-1.8	-2.5	45.5	7.02	44.0	7.06	41.1	7.10	39.6	7.11	35.2	7.04	32.3	6.93	24.9	6.41
		0.8	0.0	45.5	6.33	44.0	6.38	41.1	6.45	39.6	6.47	35.2	6.47	32.3	6.40	24.9	5.99
		2.8	2.0	45.5	6.32	44.0	6.18	41.1	5.89	39.6	5.86	35.2	5.91	32.3	5.88	24.9	5.58
		6.0	5.0	45.5	6.32	44.0	6.18	41.1	5.89	39.6	5.75	35.2	5.32	32.3	5.16	24.9	5.00
		7.0	6.0	45.5	6.32	44.0	6.18	41.1	5.89	39.6	5.75	35.2	5.32	32.3	5.03	24.9	4.82
		8.6	7.5	45.5	6.32	44.0	6.18	41.1	5.89	39.6	5.75	35.2	5.32	32.3	5.03	24.9	4.56
		11.2	10.0	45.5	6.32	44.0	6.18	41.1	5.89	39.6	5.75	35.2	5.32	32.3	5.03	24.9	4.31
		16.4	15.0	45.5	6.32	44.0	6.18	41.1	5.89	39.6	5.75	35.2	5.32	32.3	5.03	24.9	4.31
		24.0	18.0	45.5	6.32	44.0	6.18	41.1	5.89	39.6	5.75	35.2	5.32	32.3	5.03	24.9	4.31

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio

3. Part Load of Outdoor Unit

3-37. 44HP (Cooling) U-12ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	82.7	9.48	99.2	11.37	115.7	13.27	124.0	14.22	140.5	16.11	157.1	18.01	173.6	19.90
		-5.0	82.7	9.49	99.2	11.39	115.7	13.28	124.0	14.23	140.5	16.13	157.1	18.03	173.6	19.92
		0.0	82.7	9.51	99.2	11.41	115.7	13.31	124.0	14.25	140.5	16.15	157.1	18.06	173.6	19.97
		5.0	82.7	9.53	99.2	11.43	115.7	13.33	124.0	14.30	140.5	16.24	157.1	18.20	173.6	20.13
		10.0	82.7	9.56	99.2	11.50	115.7	13.48	124.0	14.48	140.5	16.50	157.1	18.55	173.6	20.52
		15.0	82.7	9.76	99.2	11.85	115.7	13.99	124.0	15.08	140.5	17.26	157.1	19.46	173.6	21.50
		20.0	82.7	10.88	99.2	13.30	115.7	16.12	124.0	17.63	140.5	20.90	157.1	24.49	173.6	28.39
		25.0	82.7	13.92	99.2	17.21	115.7	20.83	124.0	22.76	140.5	26.86	157.1	31.29	173.6	36.06
		30.0	82.7	17.47	99.2	21.56	115.7	25.99	124.0	28.34	140.5	33.29	157.1	38.60	173.6	44.28
		35.0	82.7	21.28	99.2	26.22	115.7	31.53	124.0	34.33	140.5	40.21	157.1	46.49	165.9	48.01
		40.0	82.7	25.38	99.2	31.24	115.7	37.50	124.0	40.79	140.5	47.69	147.0	48.02	153.3	48.01
		43.0	82.7	27.99	99.2	34.43	115.7	41.32	124.0	44.93	134.1	48.02	140.5	48.02	143.6	45.68
		46.0	81.8	30.44	98.2	37.46	104.3	38.10	105.4	37.08	108.2	35.37	111.8	34.03	116.1	32.97
		52.0	35.7	12.98	38.8	13.12	42.6	13.37	44.7	13.52	49.2	13.88	54.2	14.27	59.7	14.70

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	74.4	7.65	89.3	9.60	104.2	11.50	111.6	12.44	126.5	14.27	141.4	16.06	156.2	17.81
		-5.0	74.4	7.67	89.3	9.62	104.2	11.52	111.6	12.45	126.5	14.29	141.4	16.08	156.2	17.83
		0.0	74.4	7.68	89.3	9.64	104.2	11.54	111.6	12.47	126.5	14.31	141.4	16.09	156.2	17.85
		5.0	74.4	7.71	89.3	9.66	104.2	11.57	111.6	12.50	126.5	14.33	141.4	16.15	156.2	17.93
		10.0	74.4	7.74	89.3	9.69	104.2	11.62	111.6	12.57	126.5	14.46	141.4	16.32	156.2	18.15
		15.0	74.4	7.83	89.3	9.87	104.2	11.90	111.6	12.90	126.5	14.88	141.4	16.82	156.2	18.73
		20.0	74.4	8.51	89.3	10.79	104.2	13.01	111.6	14.09	126.5	16.20	141.4	18.62	156.2	21.21
		25.0	74.4	11.24	89.3	13.93	104.2	16.72	111.6	18.15	126.5	21.07	141.4	24.07	156.2	27.15
		30.0	74.4	14.53	89.3	17.79	104.2	21.10	111.6	22.79	126.5	26.20	141.4	29.68	156.2	33.26
		35.0	74.4	18.63	89.3	22.57	104.2	26.55	111.6	28.57	126.5	32.65	141.4	36.83	156.2	41.17
		40.0	74.4	22.26	89.3	26.78	104.2	31.34	111.6	33.65	126.5	38.36	141.4	43.27	153.3	48.01
		43.0	74.4	24.50	89.3	29.39	104.2	34.33	111.6	36.84	126.5	42.01	140.5	48.02	143.6	45.68
		46.0	74.4	26.25	89.3	31.86	104.2	37.75	105.4	37.08	108.2	35.37	111.8	34.03	116.1	32.97
		52.0	35.7	12.98	38.8	13.12	42.6	13.37	44.7	13.52	49.2	13.88	54.2	14.27	59.7	14.70

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	66.1	6.56	79.4	8.32	92.6	10.05	99.2	10.90	112.4	12.57	125.7	14.20	138.9	15.80
		-5.0	66.1	6.57	79.4	8.34	92.6	10.06	99.2	10.91	112.4	12.58	125.7	14.22	138.9	15.82
		0.0	66.1	6.58	79.4	8.35	92.6	10.08	99.2	10.93	112.4	12.60	125.7	14.24	138.9	15.84
		5.0	66.1	6.60	79.4	8.37	92.6	10.10	99.2	10.95	112.4	12.63	125.7	14.25	138.9	15.86
		10.0	66.1	6.63	79.4	8.41	92.6	10.13	99.2	10.98	112.4	12.66	125.7	14.32	138.9	15.95
		15.0	66.1	6.67	79.4	8.46	92.6	10.24	99.2	11.12	112.4	12.85	125.7	14.56	138.9	16.23
		20.0	66.1	6.98	79.4	8.91	92.6	10.80	99.2	11.73	112.4	13.54	125.7	15.31	138.9	17.03
		25.0	66.1	9.10	79.4	11.13	92.6	13.20	99.2	14.25	112.4	16.37	125.7	18.52	138.9	20.69
		30.0	66.1	11.97	79.4	14.50	92.6	17.05	99.2	18.32	112.4	20.88	125.7	23.44	138.9	26.01
		35.0	66.1	15.57	79.4	18.70	92.6	21.81	99.2	23.36	112.4	26.45	125.7	29.54	138.9	32.64
		40.0	66.1	18.79	79.4	22.42	92.6	26.01	99.2	27.80	112.4	31.36	125.7	34.93	138.9	38.54
		43.0	66.1	20.78	79.4	24.72	92.6	28.62	99.2	30.56	112.4	34.43	125.7	38.35	138.9	42.36
		46.0	66.1	22.18	79.4	26.55	92.6	31.04	99.2	33.33	108.2	35.37	111.8	34.03	116.1	32.97
		52.0	35.7	12.98	38.8	13.12	42.6	13.37	44.7	13.52	49.2	13.88	54.2	14.27	59.7	14.70

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	57.9	5.45	69.4	7.02	81.0	8.56	86.8	9.32	98.4	10.82	109.9	12.28	121.5	13.72
		-5.0	57.9	5.45	69.4	7.03	81.0	8.57	86.8	9.33	98.4	10.83	109.9	12.30	121.5	13.74
		0.0	57.9	5.47	69.4	7.04	81.0	8.59	86.8	9.35	98.4	10.84	109.9	12.31	121.5	13.75
		5.0	57.9	5.48	69.4	7.06	81.0	8.60	86.8	9.37	98.4	10.86	109.9	12.33	121.5	13.78
		10.0	57.9	5.51	69.4	7.09	81.0	8.63	86.8	9.39	98.4	10.89	109.9	12.36	121.5	13.80
		15.0	57.9	5.54	69.4	7.12	81.0	8.67	86.8	9.43	98.4	10.95	109.9	12.44	121.5	13.90
		20.0	57.9	5.64	69.4	7.28	81.0	8.89	86.8	9.69	98.4	11.25	109.9	12.78	121.5	14.27
		25.0	57.9	6.87	69.4	8.55	81.0	10.16	86.8	10.95	98.4	12.49	109.9	13.98	121.5	15.43
		30.0	57.9	9.63	69.4	11.53	81.0	13.40	86.8	14.32	98.4	16.14	109.9	17.93	121.5	19.69
		35.0	57.9	12.74	69.4	15.15	81.0	17.50	86.8	18.66	98.4	20.92	109.9	23.14	121.5	25.31
		40.0	57.9	15.55	69.4	18.40	81.0	21.16	86.8	22.51	98.4	25.15	109.9	27.73	121.5	30.27
		43.0	57.9	17.29	69.4	20.40	81.0	23.41	86.8	24.89	98.4	27.77	109.9	30.59	121.5	33.37
		46.0	57.9	18.51	69.4	21.83	81.0	25.15	86.8	26.82	98.4	30.16	109.9	32.30	116.1	32.97
		52.0	35.7	12.98	38.8	13.12	42.6	13.37	44.7	13.52	49.2	13.88	54.2	14.27	59.7	14.70

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

44HP (Cooling) U-12ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	49.6	4.31	59.5	5.69	69.4	7.04	74.4	7.70	84.3	9.02	94.2	10.31	104.2	11.57
		-5.0	49.6	4.32	59.5	5.69	69.4	7.04	74.4	7.71	84.3	9.02	94.2	10.32	104.2	11.58
		0.0	49.6	4.33	59.5	5.70	69.4	7.06	74.4	7.72	84.3	9.04	94.2	10.33	104.2	11.60
		5.0	49.6	4.34	59.5	5.72	69.4	7.07	74.4	7.74	84.3	9.05	94.2	10.35	104.2	11.61
		10.0	49.6	4.36	59.5	5.74	69.4	7.09	74.4	7.76	84.3	9.08	94.2	10.37	104.2	11.64
		15.0	49.6	4.39	59.5	5.77	69.4	7.13	74.4	7.79	84.3	9.11	94.2	10.39	104.2	11.66
		20.0	49.6	4.44	59.5	5.82	69.4	7.18	74.4	7.86	84.3	9.19	94.2	10.50	104.2	11.78
		25.0	49.6	4.90	59.5	6.31	69.4	7.69	74.4	8.37	84.3	9.70	94.2	11.00	104.2	12.27
		30.0	49.6	7.52	59.5	8.88	69.4	10.18	74.4	10.80	84.3	12.01	94.2	13.17	104.2	14.27
		35.0	49.6	10.13	59.5	11.92	69.4	13.61	74.4	14.43	84.3	16.00	94.2	17.49	104.2	18.92
		40.0	49.6	12.54	59.5	14.70	69.4	16.74	74.4	17.73	84.3	19.61	94.2	21.41	104.2	23.12
		43.0	49.6	14.03	59.5	16.41	69.4	18.67	74.4	19.75	84.3	21.83	94.2	23.81	104.2	25.70
		46.0	49.6	15.21	59.5	17.65	69.4	20.03	74.4	21.19	84.3	23.49	94.2	25.72	104.2	27.91
		52.0	35.7	12.98	38.8	13.12	42.6	13.37	44.7	13.52	49.2	13.88	54.2	14.27	59.7	14.70

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	41.3	3.16	49.6	4.32	57.9	5.47	62.0	6.04	70.3	7.16	78.5	8.26	86.8	9.34
		-5.0	41.3	3.16	49.6	4.33	57.9	5.48	62.0	6.05	70.3	7.17	78.5	8.27	86.8	9.35
		0.0	41.3	3.17	49.6	4.34	57.9	5.49	62.0	6.06	70.3	8.13	78.5	8.28	86.8	9.36
		5.0	41.3	3.18	49.6	4.35	57.9	5.50	62.0	6.07	70.3	7.19	78.5	8.29	86.8	9.38
		10.0	41.3	3.20	49.6	4.37	57.9	5.52	62.0	6.09	70.3	7.21	78.5	8.31	86.8	9.39
		15.0	41.3	3.22	49.6	4.39	57.9	5.54	62.0	6.11	70.3	7.23	78.5	8.34	86.8	9.42
		20.0	41.3	3.26	49.6	4.43	57.9	5.58	62.0	6.15	70.3	7.27	78.5	8.37	86.8	9.45
		25.0	41.3	3.38	49.6	4.55	57.9	5.71	62.0	6.28	70.3	8.32	78.5	8.50	86.8	9.58
		30.0	41.3	5.66	49.6	6.51	57.9	7.13	62.0	7.52	70.3	8.39	78.5	9.32	86.8	10.28
		35.0	41.3	7.77	49.6	9.01	57.9	10.15	62.0	10.69	70.3	11.68	78.5	12.59	86.8	13.43
		40.0	41.3	9.77	49.6	11.33	57.9	12.76	62.0	13.43	70.3	14.68	78.5	15.84	86.8	16.90
		43.0	41.3	11.01	49.6	12.75	57.9	14.36	62.0	15.11	70.3	16.53	78.5	17.83	86.8	19.03
		46.0	41.3	12.25	49.6	13.98	57.9	15.60	62.0	16.38	70.3	17.87	78.5	19.27	86.8	20.59
		52.0	35.7	12.98	38.8	13.12	42.6	13.37	44.7	13.52	49.2	13.88	54.2	14.27	59.7	14.70

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	33.1	1.98	39.7	2.93	46.3	3.87	49.6	4.33	56.2	5.25	62.8	6.16	69.4	7.05
		-5.0	33.1	1.99	39.7	2.94	46.3	3.88	49.6	4.34	56.2	5.26	62.8	6.16	69.4	7.06
		0.0	33.1	2.00	39.7	2.95	46.3	3.88	49.6	4.35	56.2	5.26	62.8	6.17	69.4	7.07
		5.0	33.1	2.00	39.7	2.95	46.3	3.89	49.6	4.36	56.2	5.27	62.8	6.18	69.4	7.08
		10.0	33.1	2.01	39.7	2.97	46.3	3.91	49.6	4.37	56.2	5.29	62.8	6.20	69.4	7.10
		15.0	33.1	2.03	39.7	2.98	46.3	3.92	49.6	4.39	56.2	5.30	62.8	6.22	69.4	7.12
		20.0	33.1	2.06	39.7	3.01	46.3	3.95	49.6	4.42	56.2	5.33	62.8	6.24	69.4	7.15
		25.0	33.1	2.12	39.7	3.07	46.3	4.00	49.6	4.46	56.2	5.38	62.8	6.28	69.4	7.20
		30.0	33.1	2.94	39.7	3.56	46.3	4.34	49.6	4.75	56.2	5.60	62.8	6.54	69.4	7.56
		35.0	33.1	5.65	39.7	6.46	46.3	7.15	49.6	7.47	56.2	8.03	62.8	8.72	69.4	9.61
		40.0	33.1	7.24	39.7	8.29	46.3	9.21	49.6	9.63	56.2	10.37	62.8	11.02	69.4	11.58
		43.0	33.1	8.23	39.7	9.43	46.3	10.49	49.6	10.97	56.2	11.84	62.8	12.60	69.4	13.27
		46.0	33.1	9.63	39.7	10.78	46.3	11.82	49.6	12.30	56.2	13.19	62.8	13.99	69.4	14.69
		52.0	33.1	11.48	38.8	13.12	42.6	13.37	44.7	13.52	49.2	13.88	54.2	14.27	59.7	14.70

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	24.8	0.79	29.8	1.51	34.7	2.24	37.2	2.60	42.2	3.31	47.1	4.01	52.1	4.70
		-5.0	24.8	0.79	29.8	1.52	34.7	2.24	37.2	2.60	42.2	3.32	47.1	4.02	52.1	4.71
		0.0	24.8	0.80	29.8	1.52	34.7	2.25	37.2	2.61	42.2	3.32	47.1	4.03	52.1	4.72
		5.0	24.8	0.80	29.8	1.53	34.7	2.25	37.2	2.62	42.2	3.34	47.1	4.04	52.1	4.74
		10.0	24.8	0.81	29.8	1.54	34.7	2.26	37.2	2.63	42.2	3.35	47.1	4.06	52.1	4.75
		15.0	24.8	0.82	29.8	1.55	34.7	2.28	37.2	2.65	42.2	3.37	47.1	4.08	52.1	4.78
		20.0	24.8	0.84	29.8	1.57	34.7	2.30	37.2	2.67	42.2	3.40	47.1	4.11	52.1	4.80
		25.0	24.8	0.88	29.8	1.61	34.7	2.34	37.2	2.72	42.2	3.44	47.1	4.18	52.1	4.93
		30.0	24.8	1.01	29.8	1.68	34.7	2.43	37.2	2.86	42.2	3.73	47.1	4.58	52.1	5.39
		35.0	24.8	3.78	29.8	4.25	34.7	4.79	37.2	5.15	42.2	5.85	47.1	6.54	52.1	7.23
		40.0	24.8	4.96	29.8	5.60	34.7	6.12	37.2	6.34	42.2	6.71	47.1	7.00	52.1	7.23
		43.0	24.8	5.70	29.8	6.44	34.7	7.07	37.2	7.34	42.2	7.79	47.1	8.16	52.1	8.43
		46.0	24.8	7.31	29.8	8.01	34.7	8.62	37.2	8.88	42.2	9.35	47.1	9.72	52.1	10.02
		52.0	24.8	8.64	29.8	9.55	34.7	10.36	37.2	10.72	42.2	11.07	47.1	11.26	52.1	11.33

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-38. 44HP (Heating) U-12ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
				kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
100%	100%	-24.9	-25.0	96.1	32.77	93.7	32.20	88.8	30.98	86.2	30.34	78.5	28.26	73.1	26.74	58.9	22.44		
		-19.8	-20.0	100.9	33.49	98.4	32.89	93.2	31.62	90.6	30.96	82.5	28.81	76.9	27.23	62.0	22.81		
		-14.7	-15.0	107.6	34.57	104.9	33.93	99.5	32.61	96.7	31.90	88.2	29.63	82.2	27.99	66.4	23.36		
		-9.6	-10.0	116.7	36.25	113.9	35.53	108.0	33.94	105.1	33.08	95.8	30.80	89.4	29.04	72.2	24.12		
		-4.4	-5.0	128.6	37.87	125.5	37.19	119.1	35.74	115.8	34.95	105.6	32.38	98.5	30.48	79.5	25.18		
		-1.8	-2.5	135.7	38.53	132.4	37.82	125.6	36.31	122.2	35.50	111.4	32.86	103.8	30.93	83.9	25.55		
		0.8	0.0	143.6	39.13	140.1	38.38	132.9	36.80	129.2	35.97	117.8	33.24	109.9	31.27	86.9	24.97		
		2.8	2.0	152.0	39.70	148.4	38.93	140.9	37.30	137.0	36.44	122.7	32.63	112.4	29.86	86.9	23.14		
		6.0	5.0	158.4	37.22	153.3	35.96	143.1	33.47	138.0	32.24	122.7	28.62	112.4	26.22	86.9	20.46		
		7.0	6.0	158.4	35.42	153.3	34.23	143.1	31.89	138.0	30.70	122.7	27.28	112.4	25.05	86.9	19.61		
		8.6	7.5	158.4	32.74	153.3	31.66	143.1	29.53	138.0	28.48	122.7	25.38	112.4	23.35	86.9	18.38		
		11.2	10.0	158.4	28.54	153.3	27.65	143.1	25.89	138.0	25.01	122.7	22.42	112.4	20.71	86.9	16.46		
		16.4	15.0	158.4	21.22	153.3	20.64	143.1	19.49	138.0	18.90	122.7	17.13	112.4	15.93	86.9	12.84		
		24.0	18.0	158.4	17.63	153.3	17.12	143.1	16.10	138.0	15.59	122.7	14.06	112.4	13.03	86.9	10.48		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	96.1	32.77	93.7	32.20	88.8	30.98	86.2	30.34	78.5	28.26	73.1	26.74	58.9	22.44
		-19.8	-20.0	100.9	33.49	98.4	32.89	93.2	31.62	90.6	30.96	82.5	28.81	76.9	27.23	62.0	22.81
		-14.7	-15.0	107.6	34.57	104.9	33.93	99.5	32.61	96.7	31.90	88.2	29.63	82.2	27.99	66.4	23.36
		-9.6	-10.0	116.7	36.25	113.9	35.53	108.0	33.94	105.1	33.08	95.8	30.80	89.4	29.04	72.2	24.12
		-4.4	-5.0	128.6	37.87	125.5	37.19	119.1	35.74	115.8	34.95	105.6	32.38	98.5	30.48	78.2	25.18
		-1.8	-2.5	135.7	38.53	132.4	37.82	125.6	36.31	122.2	35.50	110.4	32.86	101.2	28.16	78.2	22.34
		0.8	0.0	142.6	35.42	138.0	34.39	128.8	32.32	124.2	31.29	110.4	28.17	101.2	26.07	78.2	20.78
		2.8	2.0	142.6	32.28	138.0	31.37	128.8	29.55	124.2	28.63	110.4	25.86	101.2	24.03	78.2	19.41
		6.0	5.0	142.6	28.00	138.0	27.35	128.8	26.00	124.2	25.30	110.4	23.10	101.2	21.48	78.2	17.26
		7.0	6.0	142.6	27.37	138.0	26.62	128.8	25.10	124.2	24.34	110.4	22.04	101.2	20.49	78.2	16.53
		8.6	7.5	142.6	25.16	138.0	24.49	128.8	23.16	124.2	22.48	110.4	20.44	101.2	19.05	78.2	15.47
		11.2	10.0	142.6	21.69	138.0	21.17	128.8	20.12	124.2	19.58	110.4	17.94	101.2	16.81	78.2	13.82
		16.4	15.0	142.6	16.05	138.0	15.59	128.8	14.80	124.2	14.48	110.4	13.45	101.2	12.70	78.2	10.64
		24.0	18.0	142.6	16.05	138.0	15.59	128.8	14.67	124.2	14.21	110.4	12.83	101.2	11.91	78.2	9.61

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	80%	-24.9	-25.0	96.1	32.77	93.7	32.20	88.8	30.98	86.2	30.34	78.5	28.26	73.1	26.74	58.9	22.44		
		-19.8	-20.0	100.9	33.49	98.4	32.89	93.2	31.62	90.6	30.96	82.5	28.81	76.9	27.23	62.0	22.81		
		-14.7	-15.0	107.6	34.57	104.9	33.93	99.5	32.61	96.7	31.90	88.2	29.63	82.2	27.99	66.4	23.36		
		-9.6	-10.0	116.7	36.25	113.9	35.53	108.0	33.94	105.1	33.08	95.8	30.80	89.4	29.04	69.5	22.02		
		-4.4	-5.0	126.8	31.55	122.7	30.80	114.5	29.25	110.4	28.45	98.1	26.00	90.0	24.29	69.5	19.79		
		-1.8	-2.5	126.8	29.12	122.7	28.45	114.5	27.08	110.4	26.37	98.1	24.17	90.0	22.63	69.5	18.64		
		0.8	0.0	126.8	26.45	122.7	25.95	114.5	24.86	110.4	24.30	98.1	22.46	90.0	21.13	69.5	17.47		
		2.8	2.0	126.8	24.41	122.7	23.96	114.5	23.00	110.4	22.49	98.1	20.84	90.0	19.64	69.5	16.30		
		6.0	5.0	126.8	21.51	122.7	21.15	114.5	20.35	110.4	19.93	98.1	18.53	90.0	17.46	69.5	14.47		
		7.0	6.0	126.8	20.85	122.7	20.42	114.5	19.54	110.4	19.09	98.1	17.64	90.0	16.62	69.5	13.85		
		8.6	7.5	126.8	19.02	122.7	18.67	114.5	17.93	110.4	17.54	98.1	16.31	90.0	15.42	69.5	12.95		
		11.2	10.0	126.8	16.19	122.7	15.95	114.5	15.43	110.4	15.14	98.1	14.22	90.0	13.53	69.5	11.54		
		16.4	15.0	126.8	14.47	122.7	14.06	114.5	13.24	110.4	12.83	98.1	11.60	90.0	10.79	69.5	8.80		
		24.0	18.0	126.8	14.47	122.7	14.06	114.5	13.24	110.4	12.83	98.1	11.60	90.0	10.79	69.5	8.74		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	70%	-24.9	-25.0	96.1	32.77	93.7	32.20	88.8	30.98	86.2	30.34	78.5	28.26	73.1	26.74	58.9	22.44
		-19.8	-20.0	100.9	33.49	98.4	32.89	93.2	31.62	90.6	30.96	82.5	28.81	76.9	27.23	60.8	22.81
		-14.7	-15.0	107.6	34.57	104.9	33.93	99.5	32.61	96.6	31.90	85.9	25.69	78.7	24.14	60.8	19.76
		-9.6	-10.0	110.9	27.32	107.3	26.81	100.2	25.72	96.6	25.15	85.9	23.30	78.7	21.97	60.8	18.36
		-4.4	-5.0	110.9	23.89	107.3	23.53	100.2	22.73	96.6	22.29	85.9	20.84	78.7	19.75	60.8	16.59
		-1.8	-2.5	110.9	22.24	107.3	21.92	100.2	21.21	96.6	20.82	85.9	19.50	78.7	18.51	60.8	15.62
		0.8	0.0	110.9	20.50	107.3	20.23	100.2	19.61	96.6	19.27	85.9	18.11	78.7	17.22	60.8	14.61
		2.8	2.0	110.9	18.78	107.3	18.56	100.2	18.04	96.6	17.75	85.9	16.73	78.7	15.95	60.8	13.60
		6.0	5.0	110.9	16.33	107.3	16.17	100.2	15.78	96.6	15.56	85.9	14.73	78.7	14.06	60.8	12.00
		7.0	6.0	110.9	15.62	107.3	15.44	100.2	15.02	96.6	14.79	85.9	13.99	78.7	13.37	60.8	11.52
		8.6	7.5	110.9	14.17	107.3	14.03	100.2	13.71	96.6	13.53	85.9	12.88	78.7	12.37	60.8	10.77
		11.2	10.0	110.9	12.88	107.3	12.52	100.2	11.81	96.6	11.61	85.9	11.18	78.7	10.81	60.8	9.58
		16.4	15.0	110.9	12.88	107.3	12.52	100.2	11.81	96.6	11.45	85.9	10.38	78.7	9.66	60.8	7.88
		24.0	18.0	110.9	12.88	107.3	12.52	100.2	11.81	96.6	11.45	85.9	10.38	78.7	9.66	60.8	7.88

3. Part Load of Outdoor Unit

44HP (Heating) U-12ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-24.9	-25.0	95.1	26.71	92.0	26.28	85.9	25.34	82.8	24.83	73.6	23.11	67.5	21.72	52.1	17.87
		-19.8	-20.0	95.1	25.11	92.0	24.73	85.9	23.88	82.8	23.43	73.6	21.95	67.5	20.84	52.1	17.30
		-14.7	-15.0	95.1	23.21	92.0	22.91	85.9	22.23	82.8	21.85	73.6	20.54	67.5	19.54	52.1	16.57
		-9.6	-10.0	95.1	21.09	92.0	20.84	85.9	20.27	82.8	19.95	73.6	18.83	67.5	17.95	52.1	15.30
		-4.4	-5.0	95.1	18.59	92.0	18.40	85.9	17.96	82.8	17.70	73.6	16.79	67.5	16.06	52.1	13.80
		-1.8	-2.5	95.1	17.21	92.0	17.06	85.9	16.69	82.8	16.47	73.6	15.67	67.5	15.01	52.1	12.98
		0.8	0.0	95.1	15.76	92.0	15.65	85.9	15.36	82.8	15.18	73.6	14.50	67.5	13.93	52.1	12.12
		2.8	2.0	95.1	14.33	92.0	14.26	85.9	14.05	82.8	13.91	73.6	13.35	67.5	12.87	52.1	11.26
		6.0	5.0	95.1	12.30	92.0	12.26	85.9	12.13	82.8	12.02	73.6	11.59	67.5	11.22	52.1	9.85
		7.0	6.0	95.1	11.57	92.0	11.53	85.9	11.41	82.8	11.33	73.6	10.98	67.5	10.66	52.1	9.50
		8.6	7.5	95.1	11.30	92.0	10.99	85.9	10.40	82.8	10.35	73.6	10.10	67.5	9.85	52.1	8.88
		11.2	10.0	95.1	11.30	92.0	10.99	85.9	10.38	82.8	10.07	73.6	9.15	67.5	8.60	52.1	7.90
		16.4	15.0	95.1	11.30	92.0	10.99	85.9	10.38	82.8	10.07	73.6	9.15	67.5	8.54	52.1	7.01
		24.0	18.0	95.1	11.30	92.0	10.99	85.9	10.38	82.8	10.07	73.6	9.15	67.5	8.54	52.1	7.01
100%	50%	-24.9	-25.0	79.2	20.63	76.7	20.41	71.6	19.88	69.0	19.58	61.3	18.52	56.2	17.68	43.4	14.84
		-19.8	-20.0	79.2	19.54	76.7	19.35	71.6	18.88	69.0	18.60	61.3	17.63	56.2	16.86	43.4	14.44
		-14.7	-15.0	79.2	18.12	76.7	17.96	71.6	17.56	69.0	17.33	61.3	16.48	56.2	15.79	43.4	13.63
		-9.6	-10.0	79.2	16.37	76.7	16.25	71.6	15.95	69.0	15.76	61.3	15.06	56.2	14.47	43.4	12.57
		-4.4	-5.0	79.2	14.33	76.7	14.26	71.6	14.05	69.0	13.91	61.3	13.37	56.2	12.90	43.4	11.33
		-1.8	-2.5	79.2	13.20	76.7	13.16	71.6	13.01	69.0	12.90	61.3	12.46	56.2	12.05	43.4	10.65
		0.8	0.0	79.2	12.03	76.7	12.01	71.6	11.93	69.0	11.85	61.3	11.50	56.2	11.17	43.4	9.94
		2.8	2.0	79.2	10.88	76.7	10.89	71.6	10.86	69.0	10.82	61.3	10.56	56.2	10.27	43.4	9.20
		6.0	5.0	79.2	9.71	76.7	9.46	71.6	9.15	69.0	9.14	61.3	9.02	56.2	8.85	43.4	8.03
		7.0	6.0	79.2	9.71	76.7	9.46	71.6	8.95	69.0	8.69	61.3	8.54	56.2	8.41	43.4	7.76
		8.6	7.5	79.2	9.71	76.7	9.46	71.6	8.95	69.0	8.69	61.3	7.93	56.2	7.78	43.4	7.26
		11.2	10.0	79.2	9.71	76.7	9.46	71.6	8.95	69.0	8.69	61.3	7.93	56.2	7.42	43.4	6.47
		16.4	15.0	79.2	9.71	76.7	9.46	71.6	8.95	69.0	8.69	61.3	7.93	56.2	7.42	43.4	6.14
		24.0	18.0	79.2	9.71	76.7	9.46	71.6	8.95	69.0	8.69	61.3	7.93	56.2	7.42	43.4	6.14
100%	40%	-24.9	-25.0	63.4	15.86	61.3	15.74	57.2	15.43	55.2	15.25	49.1	14.55	45.0	13.98	34.8	12.05
		-19.8	-20.0	63.4	15.00	61.3	14.90	57.2	14.64	55.2	14.47	49.1	13.85	45.0	13.32	34.8	11.63
		-14.7	-15.0	63.4	13.87	61.3	13.79	57.2	13.59	55.2	13.46	49.1	12.93	45.0	12.47	34.8	10.95
		-9.6	-10.0	63.4	12.49	61.3	12.45	57.2	12.31	55.2	12.21	49.1	11.80	45.0	11.42	34.8	10.11
		-4.4	-5.0	63.4	10.88	61.3	10.88	57.2	10.81	55.2	10.76	49.1	10.47	45.0	10.18	34.8	9.12
		-1.8	-2.5	63.4	10.00	61.3	10.01	57.2	10.00	55.2	9.96	49.1	9.75	45.0	9.51	34.8	8.57
		0.8	0.0	63.4	9.05	61.3	9.08	57.2	9.10	55.2	9.08	49.1	8.93	45.0	8.74	34.8	7.95
		2.8	2.0	63.4	8.13	61.3	8.08	57.2	8.14	55.2	8.15	49.1	8.09	45.0	7.97	34.8	7.35
		6.0	5.0	63.4	8.13	61.3	7.93	57.2	7.52	55.2	7.31	49.1	6.94	45.0	6.89	34.8	6.48
		7.0	6.0	63.4	8.13	61.3	7.93	57.2	7.52	55.2	7.31	49.1	6.70	45.0	6.56	34.8	6.24
		8.6	7.5	63.4	8.13	61.3	7.93	57.2	7.52	55.2	7.31	49.1	6.70	45.0	6.29	34.8	5.86
		11.2	10.0	63.4	8.13	61.3	7.93	57.2	7.52	55.2	7.31	49.1	6.70	45.0	6.29	34.8	5.27
		16.4	15.0	63.4	8.13	61.3	7.93	57.2	7.52	55.2	7.31	49.1	6.70	45.0	6.29	34.8	5.27
		24.0	18.0	63.4	8.13	61.3	7.93	57.2	7.52	55.2	7.31	49.1	6.70	45.0	6.29	34.8	5.27
100%	30%	-24.9	-25.0	47.5	11.73	46.0	11.68	42.9	11.51	41.4	11.41	36.8	10.98	33.7	10.61	26.1	9.35
		-19.8	-20.0	47.5	11.09	46.0	11.05	42.9	10.91	41.4	10.83	36.8	10.45	33.7	10.12	26.1	8.98
		-14.7	-15.0	47.5	10.25	46.0	10.23	42.9	10.14	41.4	10.07	36.8	9.77	33.7	9.48	26.1	8.46
		-9.6	-10.0	47.5	9.23	46.0	9.23	42.9	9.18	41.4	9.14	36.8	8.92	33.7	8.69	26.1	7.82
		-4.4	-5.0	47.5	7.93	46.0	7.96	42.9	7.98	41.4	7.97	36.8	7.85	33.7	7.69	26.1	7.04
		-1.8	-2.5	47.5	7.21	46.0	7.26	42.9	7.31	41.4	7.32	36.8	7.27	33.7	7.16	26.1	6.61
		0.8	0.0	47.5	6.55	46.0	6.54	42.9	6.63	41.4	6.65	36.8	6.66	33.7	6.59	26.1	6.17
		2.8	2.0	47.5	6.55	46.0	6.39	42.9	6.09	41.4	6.01	36.8	6.07	33.7	6.04	26.1	5.73
		6.0	5.0	47.5	6.55	46.0	6.39	42.9	6.09	41.4	5.93	36.8	5.47	33.7	5.28	26.1	5.12
		7.0	6.0	47.5	6.55	46.0	6.39	42.9	6.09	41.4	5.93	36.8	5.47	33.7	5.17	26.1	4.93
		8.6	7.5	47.5	6.55	46.0	6.39	42.9	6.09	41.4	5.93	36.8	5.47	33.7	5.17	26.1	4.65
		11.2	10.0	47.5	6.55	46.0	6.39	42.9	6.09	41.4	5.93	36.8	5.47	33.7	5.17	26.1	4.40
		16.4	15.0	47.5	6.55	46.0	6.39	42.9	6.09	41.4	5.93	36.8	5.47	33.7	5.17	26.1	4.40
		24.0	18.0	47.5	6.55	46.0	6.39	42.9	6.09	41.4	5.93	36.8	5.47	33.7	5.17	26.1	4.40

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-39. 46HP (Cooling) U-14ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	86.7	9.94	104.0	11.93	121.3	13.92	130.0	14.91	147.3	16.90	164.7	18.89	182.0	20.88
		-5.0	86.7	9.96	104.0	11.94	121.3	13.94	130.0	14.93	147.3	16.92	164.7	18.91	182.0	20.89
		0.0	86.7	9.97	104.0	11.96	121.3	13.96	130.0	14.95	147.3	16.94	164.7	18.95	182.0	20.95
		5.0	86.7	10.00	104.0	11.99	121.3	13.98	130.0	14.99	147.3	17.03	164.7	19.08	182.0	21.11
		10.0	86.7	10.03	104.0	12.06	121.3	14.13	130.0	15.18	147.3	17.29	164.7	19.43	182.0	21.50
		15.0	86.7	10.22	104.0	12.41	121.3	14.65	130.0	15.78	147.3	18.05	164.7	20.35	182.0	22.48
		20.0	86.7	11.35	104.0	13.87	121.3	16.82	130.0	18.41	147.3	21.84	164.7	25.60	182.0	29.69
		25.0	86.7	14.51	104.0	17.97	121.3	21.76	130.0	23.79	147.3	28.09	164.7	32.75	182.0	37.74
		30.0	86.7	18.23	104.0	22.53	121.3	27.18	130.0	29.64	147.3	34.84	164.7	40.42	182.0	46.37
		35.0	86.7	22.23	104.0	27.42	121.3	32.99	130.0	35.93	147.3	42.10	164.7	48.69	173.9	50.26
		40.0	86.7	26.54	104.0	32.69	121.3	39.26	130.0	42.71	147.3	49.95	154.0	50.25	160.6	50.25
		43.0	86.7	29.28	104.0	36.04	121.3	43.26	130.0	47.05	140.6	50.26	147.2	50.25	150.6	47.84
		46.0	85.8	31.85	103.0	39.21	109.4	39.89	110.5	38.82	113.5	37.03	117.2	35.62	121.8	34.51
		52.0	37.4	13.53	40.7	13.67	44.6	13.93	46.8	14.09	51.6	14.47	56.8	14.88	62.6	15.33

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	78.0	8.03	93.6	10.08	109.2	12.07	117.0	13.05	132.6	14.97	148.2	16.85	163.8	18.69
		-5.0	78.0	8.05	93.6	10.09	109.2	12.09	117.0	13.07	132.6	14.99	148.2	16.87	163.8	18.71
		0.0	78.0	8.06	93.6	10.11	109.2	12.11	117.0	13.09	132.6	15.01	148.2	16.88	163.8	18.72
		5.0	78.0	8.09	93.6	10.14	109.2	12.13	117.0	13.11	132.6	15.04	148.2	16.93	163.8	18.80
		10.0	78.0	8.12	93.6	10.17	109.2	12.19	117.0	13.19	132.6	15.17	148.2	17.11	163.8	19.03
		15.0	78.0	8.21	93.6	10.35	109.2	12.47	117.0	13.52	132.6	15.59	148.2	17.61	163.8	19.60
		20.0	78.0	8.89	93.6	11.27	109.2	13.58	117.0	14.71	132.6	16.90	148.2	19.45	163.8	22.17
		25.0	78.0	11.70	93.6	14.52	109.2	17.45	117.0	18.95	132.6	22.01	148.2	25.17	163.8	28.40
		30.0	78.0	15.15	93.6	18.57	109.2	22.05	117.0	23.82	132.6	27.40	148.2	31.06	163.8	34.81
		35.0	78.0	19.45	93.6	23.59	109.2	27.77	117.0	29.88	132.6	34.16	148.2	38.56	163.8	43.11
		40.0	78.0	23.26	93.6	28.01	109.2	32.79	117.0	35.22	132.6	40.16	148.2	45.32	160.6	50.25
		43.0	78.0	25.62	93.6	30.74	109.2	35.93	117.0	38.56	132.6	43.99	147.2	50.25	150.6	47.84
		46.0	78.0	27.45	93.6	33.34	109.2	39.52	110.5	38.82	113.5	37.03	117.2	35.62	121.8	34.51
		52.0	37.4	13.53	40.7	13.67	44.6	13.93	46.8	14.09	51.6	14.47	56.8	14.88	62.6	15.33

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	69.3	6.89	83.2	8.74	97.1	10.55	104.0	11.44	117.9	13.19	131.7	14.90	145.6	16.58
		-5.0	69.3	6.90	83.2	8.75	97.1	10.56	104.0	11.45	117.9	13.20	131.7	14.92	145.6	16.59
		0.0	69.3	6.91	83.2	8.76	97.1	10.58	104.0	11.47	117.9	13.22	131.7	14.94	145.6	16.62
		5.0	69.3	6.93	83.2	8.79	97.1	10.60	104.0	11.49	117.9	13.25	131.7	14.95	145.6	16.64
		10.0	69.3	6.96	83.2	8.82	97.1	10.63	104.0	11.52	117.9	13.28	131.7	15.02	145.6	16.73
		15.0	69.3	7.00	83.2	8.88	97.1	10.74	104.0	11.66	117.9	13.47	131.7	15.26	145.6	17.01
		20.0	69.3	7.31	83.2	9.32	97.1	11.30	104.0	12.27	117.9	14.16	131.7	16.01	145.6	17.81
		25.0	69.3	9.44	83.2	11.58	97.1	13.75	104.0	14.85	117.9	17.08	131.7	19.34	145.6	21.62
		30.0	69.3	12.46	83.2	15.12	97.1	17.79	104.0	19.13	117.9	21.82	131.7	24.51	145.6	27.21
		35.0	69.3	16.24	83.2	19.53	97.1	22.79	104.0	24.42	117.9	27.67	131.7	30.91	145.6	34.16
		40.0	69.3	19.62	83.2	23.44	97.1	27.20	104.0	29.08	117.9	32.81	131.7	36.56	145.6	40.35
		43.0	69.3	21.71	83.2	25.85	97.1	29.94	104.0	31.97	117.9	36.04	131.7	40.15	145.6	44.36
		46.0	69.3	23.18	83.2	27.77	97.1	32.48	104.0	34.88	113.5	37.03	117.2	35.62	121.8	34.51
		52.0	37.4	13.53	40.7	13.67	44.6	13.93	46.8	14.09	51.6	14.47	56.8	14.88	62.6	15.33

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	60.7	5.72	72.8	7.37	84.9	8.99	91.0	9.78	103.1	11.35	115.3	12.89	127.4	14.40
		-5.0	60.7	5.73	72.8	7.38	84.9	9.00	91.0	9.79	103.1	11.36	115.3	12.90	127.4	14.41
		0.0	60.7	5.74	72.8	7.39	84.9	9.01	91.0	9.81	103.1	11.38	115.3	12.92	127.4	14.43
		5.0	60.7	5.75	72.8	7.41	84.9	9.03	91.0	9.83	103.1	11.40	115.3	12.94	127.4	14.45
		10.0	60.7	5.78	72.8	7.43	84.9	9.06	91.0	9.86	103.1	11.43	115.3	12.96	127.4	14.47
		15.0	60.7	5.82	72.8	7.47	84.9	9.09	91.0	9.89	103.1	11.48	115.3	13.04	127.4	14.58
		20.0	60.7	5.92	72.8	7.63	84.9	9.32	91.0	10.15	103.1	11.78	115.3	13.38	127.4	14.95
		25.0	60.7	7.14	72.8	8.90	84.9	10.59	91.0	11.41	103.1	13.02	115.3	14.59	127.4	16.11
		30.0	60.7	10.00	72.8	12.00	84.9	13.96	91.0	14.93	103.1	16.84	115.3	18.72	127.4	20.57
		35.0	60.7	13.26	72.8	15.80	84.9	18.27	91.0	19.48	103.1	21.86	115.3	24.19	127.4	26.47
		40.0	60.7	16.22	72.8	19.21	84.9	22.11	91.0	23.52	103.1	26.30	115.3	29.01	127.4	31.67
		43.0	60.7	18.04	72.8	21.31	84.9	24.47	91.0	26.02	103.1	29.05	115.3	32.01	127.4	34.92
		46.0	60.7	19.33	72.8	22.81	84.9	26.30	91.0	28.05	103.1	31.55	115.3	33.80	121.8	34.51
		52.0	37.4	13.53	40.7	13.67	44.6	13.93	46.8	14.09	51.6	14.47	56.8	14.88	62.6	15.33

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

46HP (Cooling) U-14ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	52.0	4.53	62.4	5.97	72.8	7.39	78.0	8.08	88.4	9.46	98.8	10.82	109.2	12.14
		-5.0	52.0	4.54	62.4	5.98	72.8	7.39	78.0	8.09	88.4	9.47	98.8	10.83	109.2	12.15
		0.0	52.0	4.55	62.4	5.99	72.8	7.41	78.0	8.11	88.4	9.48	98.8	10.84	109.2	12.17
		5.0	52.0	4.56	62.4	6.00	72.8	7.42	78.0	8.12	88.4	9.50	98.8	10.86	109.2	12.19
		10.0	52.0	4.58	62.4	6.02	72.8	7.44	78.0	8.14	88.4	9.52	98.8	10.88	109.2	12.21
		15.0	52.0	4.61	62.4	6.06	72.8	7.48	78.0	8.18	88.4	9.56	98.8	10.90	109.2	12.23
		20.0	52.0	4.66	62.4	6.10	72.8	7.53	78.0	8.24	88.4	9.64	98.8	11.01	109.2	12.35
		25.0	52.0	5.11	62.4	6.60	72.8	8.04	78.0	8.75	88.4	10.15	98.8	11.51	109.2	12.85
		30.0	52.0	7.79	62.4	9.22	72.8	10.58	78.0	11.24	88.4	12.51	98.8	13.72	109.2	14.88
		35.0	52.0	10.53	62.4	12.40	72.8	14.18	78.0	15.04	88.4	16.68	98.8	18.25	109.2	19.75
		40.0	52.0	13.06	62.4	15.33	72.8	17.47	78.0	18.50	88.4	20.48	98.8	22.37	109.2	24.17
		43.0	52.0	14.62	62.4	17.12	72.8	19.49	78.0	20.62	88.4	22.81	98.8	24.89	109.2	26.87
		46.0	52.0	15.86	62.4	18.43	72.8	20.92	78.0	22.15	88.4	24.55	98.8	26.90	109.2	29.19
		52.0	37.4	13.53	40.7	13.67	44.6	13.93	46.8	14.09	51.6	14.47	56.8	14.88	62.6	15.33

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	43.3	3.32	52.0	4.54	60.7	5.75	65.0	6.34	73.7	7.52	82.3	8.67	91.0	9.81
		-5.0	43.3	3.33	52.0	4.55	60.7	5.75	65.0	6.35	73.7	7.52	82.3	8.68	91.0	9.82
		0.0	43.3	3.33	52.0	4.56	60.7	5.76	65.0	6.36	73.7	7.53	82.3	8.69	91.0	9.83
		5.0	43.3	3.34	52.0	4.57	60.7	5.78	65.0	6.37	73.7	7.55	82.3	8.70	91.0	9.84
		10.0	43.3	3.36	52.0	4.59	60.7	5.79	65.0	6.39	73.7	7.56	82.3	8.72	91.0	9.86
		15.0	43.3	3.38	52.0	4.61	60.7	5.82	65.0	6.41	73.7	7.59	82.3	8.75	91.0	9.88
		20.0	43.3	3.42	52.0	4.65	60.7	5.86	65.0	6.45	73.7	7.63	82.3	8.78	91.0	9.91
		25.0	43.3	3.54	52.0	4.77	60.7	5.98	65.0	6.58	73.7	8.72	82.3	8.91	91.0	10.05
		30.0	43.3	5.83	52.0	6.73	60.7	7.40	65.0	7.82	73.7	8.75	82.3	9.73	91.0	10.75
		35.0	43.3	8.04	52.0	9.35	60.7	10.55	65.0	11.11	73.7	12.16	82.3	13.11	91.0	13.99
		40.0	43.3	10.15	52.0	11.78	60.7	13.29	65.0	13.99	73.7	15.31	82.3	16.52	91.0	17.63
		43.0	43.3	11.45	52.0	13.28	60.7	14.96	65.0	15.75	73.7	17.24	82.3	18.61	91.0	19.87
		46.0	43.3	12.76	52.0	14.57	60.7	16.28	65.0	17.10	73.7	18.66	82.3	20.13	91.0	21.51
		52.0	37.4	13.53	40.7	13.67	44.6	13.93	46.8	14.09	51.6	14.47	56.8	14.88	62.6	15.33

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	34.7	2.09	41.6	3.08	48.5	4.07	52.0	4.55	58.9	5.51	65.9	6.46	72.8	7.40
		-5.0	34.7	2.09	41.6	3.09	48.5	4.07	52.0	4.56	58.9	5.52	65.9	6.47	72.8	7.41
		0.0	34.7	2.10	41.6	3.10	48.5	4.08	52.0	4.57	58.9	5.53	65.9	6.48	72.8	7.42
		5.0	34.7	2.11	41.6	3.10	48.5	4.09	52.0	4.58	58.9	5.54	65.9	6.49	72.8	7.43
		10.0	34.7	2.12	41.6	3.12	48.5	4.10	52.0	4.59	58.9	5.55	65.9	6.50	72.8	7.45
		15.0	34.7	2.14	41.6	3.13	48.5	4.12	52.0	4.61	58.9	5.57	65.9	6.52	72.8	7.47
		20.0	34.7	2.17	41.6	3.16	48.5	4.15	52.0	4.63	58.9	5.60	65.9	6.55	72.8	7.50
		25.0	34.7	2.23	41.6	3.22	48.5	4.20	52.0	4.68	58.9	5.64	65.9	6.59	72.8	7.55
		30.0	34.7	3.04	41.6	3.71	48.5	4.54	52.0	4.97	58.9	5.86	65.9	6.85	72.8	7.91
		35.0	34.7	5.82	41.6	6.66	48.5	7.40	52.0	7.73	58.9	8.31	65.9	9.04	72.8	9.98
		40.0	34.7	7.49	41.6	8.59	48.5	9.56	52.0	9.99	58.9	10.78	65.9	11.46	72.8	12.04
		43.0	34.7	8.53	41.6	9.79	48.5	10.90	52.0	11.40	58.9	12.32	65.9	13.12	72.8	13.82
		46.0	34.7	10.01	41.6	11.22	48.5	12.31	52.0	12.82	58.9	13.75	65.9	14.58	72.8	15.32
		52.0	34.7	11.95	40.7	13.67	44.6	13.93	46.8	14.09	51.6	14.47	56.8	14.88	62.6	15.33

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	26.0	0.83	31.2	1.59	36.4	2.35	39.0	2.73	44.2	3.48	49.4	4.21	54.6	4.93
		-5.0	26.0	0.84	31.2	1.60	36.4	2.36	39.0	2.73	44.2	3.48	49.4	4.22	54.6	4.94
		0.0	26.0	0.84	31.2	1.60	36.4	2.36	39.0	2.74	44.2	3.49	49.4	4.23	54.6	4.96
		5.0	26.0	0.85	31.2	1.61	36.4	2.37	39.0	2.75	44.2	3.50	49.4	4.24	54.6	4.97
		10.0	26.0	0.86	31.2	1.62	36.4	2.38	39.0	2.76	44.2	3.52	49.4	4.26	54.6	4.99
		15.0	26.0	0.87	31.2	1.63	36.4	2.40	39.0	2.78	44.2	3.54	49.4	4.28	54.6	5.01
		20.0	26.0	0.89	31.2	1.65	36.4	2.42	39.0	2.81	44.2	3.57	49.4	4.32	54.6	5.04
		25.0	26.0	0.93	31.2	1.69	36.4	2.46	39.0	2.85	44.2	3.61	49.4	4.38	54.6	5.17
		30.0	26.0	1.05	31.2	1.76	36.4	2.55	39.0	3.00	44.2	3.90	49.4	4.78	54.6	5.63
		35.0	26.0	3.86	31.2	4.35	36.4	4.92	39.0	5.29	44.2	6.03	49.4	6.76	54.6	7.47
		40.0	26.0	5.09	31.2	5.76	36.4	6.31	39.0	6.54	44.2	6.94	49.4	7.24	54.6	7.47
		43.0	26.0	5.87	31.2	6.65	36.4	7.31	39.0	7.59	44.2	8.07	49.4	8.45	54.6	8.74
		46.0	26.0	7.57	31.2	8.31	36.4	8.95	39.0	9.23	44.2	9.71	49.4	10.11	54.6	10.42
		52.0	26.0	8.97	31.2	9.93	36.4	10.77	39.0	11.15	44.2	11.52	49.4	11.72	54.6	11.80

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-40. 46HP (Heating) U-14ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	100%	-24.9	-25.0	99.8	33.97	97.3	33.38	92.2	32.14	89.6	31.48	81.5	29.34	75.9	27.77	61.2	23.35
		-19.8	-20.0	104.7	34.69	102.1	34.07	96.8	32.79	94.1	32.11	85.7	29.89	79.9	28.29	64.5	23.72
		-14.7	-15.0	111.6	35.79	108.9	35.13	103.3	33.78	100.4	33.06	91.6	30.74	85.4	29.05	69.0	24.29
		-9.6	-10.0	121.1	37.50	118.1	36.76	112.1	35.14	109.0	34.25	99.5	31.94	92.8	30.14	75.1	25.08
		-4.4	-5.0	133.4	39.17	130.2	38.48	123.6	37.00	120.2	36.21	109.7	33.58	102.3	31.63	82.7	26.17
		-1.8	-2.5	140.7	39.84	137.3	39.14	130.3	37.59	126.8	36.77	115.6	34.07	107.9	32.10	87.2	26.56
		0.8	0.0	148.9	40.47	145.3	39.72	137.9	38.10	134.1	37.24	122.4	34.45	114.2	32.43	91.3	26.33
		2.8	2.0	157.7	41.05	153.9	40.26	146.1	38.60	142.1	37.71	128.9	34.47	118.1	31.53	91.3	24.40
		6.0	5.0	166.5	39.45	161.1	38.10	150.4	35.43	145.0	34.12	128.9	30.26	118.1	27.70	91.3	21.59
		7.0	6.0	166.5	37.55	161.1	36.27	150.4	33.77	145.0	32.50	128.9	28.85	118.1	26.47	91.3	20.70
		8.6	7.5	166.5	34.72	161.1	33.56	150.4	31.28	145.0	30.16	128.9	26.85	118.1	24.68	91.3	19.41
		11.2	10.0	166.5	30.29	161.1	29.33	150.4	27.43	145.0	26.50	128.9	23.72	118.1	21.90	91.3	17.39
		16.4	15.0	166.5	22.55	161.1	21.93	150.4	20.69	145.0	20.06	128.9	18.16	118.1	16.88	91.3	13.60
		24.0	18.0	166.5	18.52	161.1	17.99	150.4	16.92	145.0	16.39	128.9	14.82	118.1	13.74	91.3	11.05

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	99.8	33.97	97.3	33.38	92.2	32.14	89.6	31.48	81.5	29.34	75.9	27.77	61.2	23.35
		-19.8	-20.0	104.7	34.69	102.1	34.07	96.8	32.79	94.1	32.11	85.7	29.89	79.9	28.29	64.5	23.72
		-14.7	-15.0	111.6	35.79	108.9	35.13	103.3	33.78	100.4	33.06	91.6	30.74	85.4	29.05	69.0	24.29
		-9.6	-10.0	121.1	37.50	118.1	36.76	112.1	35.14	109.0	34.25	99.5	31.94	92.8	30.14	75.1	25.08
		-4.4	-5.0	133.4	39.17	130.2	38.48	123.6	37.00	120.2	36.21	109.7	33.58	102.3	31.63	82.2	26.17
		-1.8	-2.5	140.7	39.84	137.3	39.14	130.3	37.59	126.8	36.77	115.6	34.07	106.3	29.70	82.2	23.54
		0.8	0.0	148.9	40.47	145.0	39.72	135.3	34.16	130.5	33.06	116.0	29.74	106.3	27.51	82.2	21.91
		2.8	2.0	149.8	34.17	145.0	33.20	135.3	31.25	130.5	30.27	116.0	27.31	106.3	25.38	82.2	20.49
		6.0	5.0	149.8	29.67	145.0	28.96	135.3	27.52	130.5	26.77	116.0	24.43	106.3	22.70	82.2	18.22
		7.0	6.0	149.8	29.03	145.0	28.22	135.3	26.59	130.5	25.77	116.0	23.31	106.3	21.66	82.2	17.46
		8.6	7.5	149.8	26.70	145.0	25.98	135.3	24.54	130.5	23.82	116.0	21.63	106.3	20.14	82.2	16.35
		11.2	10.0	149.8	23.03	145.0	22.47	135.3	21.33	130.5	20.76	116.0	19.00	106.3	17.78	82.2	14.61
		16.4	15.0	149.8	16.87	145.0	16.39	135.3	15.73	130.5	15.38	116.0	14.27	106.3	13.48	82.2	11.29
		24.0	18.0	149.8	16.87	145.0	16.39	135.3	15.42	130.5	14.94	116.0	13.50	106.3	12.54	82.2	10.14

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	80%	-24.9	-25.0	99.8	33.97	97.3	33.38	92.2	32.14	89.6	31.48	81.5	29.34	75.9	27.77	61.2	23.35
		-19.8	-20.0	104.7	34.69	102.1	34.07	96.8	32.79	94.1	32.11	85.7	29.89	79.9	28.29	64.5	23.72
		-14.7	-15.0	111.6	35.79	108.9	35.13	103.3	33.78	100.4	33.06	91.6	30.74	85.4	29.05	69.0	24.29
		-9.6	-10.0	121.1	37.50	118.1	36.76	112.1	35.14	109.0	34.25	99.5	31.94	92.8	30.14	73.0	25.08
		-4.4	-5.0	133.2	39.17	128.9	32.53	120.3	30.87	116.0	30.03	103.1	27.41	94.5	25.61	73.0	20.85
		-1.8	-2.5	133.2	30.78	128.9	30.07	120.3	28.60	116.0	27.85	103.1	25.50	94.5	23.87	73.0	19.65
		0.8	0.0	133.2	28.10	128.9	27.42	120.3	26.28	116.0	25.67	103.1	23.71	94.5	22.30	73.0	18.43
		2.8	2.0	133.2	25.82	128.9	25.35	120.3	24.32	116.0	23.77	103.1	22.02	94.5	20.74	73.0	17.21
		6.0	5.0	133.2	22.79	128.9	22.40	120.3	21.55	116.0	21.09	103.1	19.60	94.5	18.46	73.0	15.28
		7.0	6.0	133.2	22.12	128.9	21.66	120.3	20.71	116.0	20.22	103.1	18.67	94.5	17.58	73.0	14.63
		8.6	7.5	133.2	20.20	128.9	19.82	120.3	19.01	116.0	18.59	103.1	17.26	94.5	16.31	73.0	13.69
		11.2	10.0	133.2	17.21	128.9	16.95	120.3	16.37	116.0	16.07	103.1	15.06	94.5	14.33	73.0	12.21
		16.4	15.0	133.2	15.21	128.9	14.78	120.3	13.93	116.0	13.50	103.1	12.22	94.5	11.37	73.0	9.34
		24.0	18.0	133.2	15.21	128.9	14.78	120.3	13.93	116.0	13.50	103.1	12.22	94.5	11.37	73.0	9.23

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	70%	-24.9	-25.0	99.8	33.97	97.3	33.38	92.2	32.14	89.6	31.48	81.5	29.34	75.9	27.77	61.2	23.35
		-19.8	-20.0	104.7	34.69	102.1	34.07	96.8	32.79	94.1	32.11	85.7	29.89	79.9	28.29	63.9	23.72
		-14.7	-15.0	111.6	35.79	108.9	35.13	103.3	33.78	100.4	33.06	90.2	30.74	82.7	25.42	63.9	20.78
		-9.6	-10.0	116.5	28.83	112.8	28.28	105.3	27.12	101.5	26.51	90.2	24.55	82.7	23.14	63.9	19.33
		-4.4	-5.0	116.5	25.21	112.8	24.82	105.3	23.98	101.5	23.51	90.2	21.97	82.7	20.81	63.9	17.49
		-1.8	-2.5	116.5	23.49	112.8	23.14	105.3	22.38	101.5	21.97	90.2	20.57	82.7	19.52	63.9	16.47
		0.8	0.0	116.5	21.67	112.8	21.37	105.3	20.72	101.5	20.35	90.2	19.11	82.7	18.17	63.9	15.41
		2.8	2.0	116.5	19.87	112.8	19.62	105.3	19.07	101.5	18.76	90.2	17.68	82.7	16.84	63.9	14.36
		6.0	5.0	116.5	17.30	112.8	17.13	105.3	16.71	101.5	16.47	90.2	15.59	82.7	14.88	63.9	12.70
		7.0	6.0	116.5	16.59	112.8	16.39	105.3	15.93	101.5	15.67	90.2	14.81	82.7	14.15	63.9	12.18
		8.6	7.5	116.5	15.05	112.8	14.90	105.3	14.55	101.5	14.35	90.2	13.65	82.7	13.10	63.9	11.39
		11.2	10.0	116.5	13.56	112.8	13.18	105.3	12.46	101.5	12.33	90.2	11.86	82.7	11.46	63.9	10.14
		16.4	15.0	116.5	13.56	112.8	13.18	105.3	12.44	101.5	12.06	90.2	10.94	82.7	10.19	63.9	8.33
24.0	18.0	116.5	13.56	112.8	13.18	105.3	12.44	101.5	12.06	90.2	10.94	82.7	10.19	63.9	8.33		

3. Part Load of Outdoor Unit

46HP (Heating) U-14ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-24.9	-25.0	99.8	33.97	96.7	27.68	90.2	26.68	87.0	26.14	77.3	24.30	70.9	22.83	54.8	18.80
		-19.8	-20.0	99.9	26.46	96.7	26.05	90.2	25.15	87.0	24.67	77.3	23.08	70.9	21.91	54.8	18.18
		-14.7	-15.0	99.9	24.44	96.7	24.12	90.2	23.40	87.0	22.99	77.3	21.61	70.9	20.56	54.8	17.44
		-9.6	-10.0	99.9	22.22	96.7	21.96	90.2	21.36	87.0	21.01	77.3	19.83	70.9	18.90	54.8	16.11
		-4.4	-5.0	99.9	19.61	96.7	19.41	90.2	18.94	87.0	18.67	77.3	17.70	70.9	16.93	54.8	14.55
		-1.8	-2.5	99.9	18.17	96.7	18.01	90.2	17.61	87.0	17.37	77.3	16.53	70.9	15.84	54.8	13.69
		0.8	0.0	99.9	16.66	96.7	16.54	90.2	16.22	87.0	16.03	77.3	15.31	70.9	14.71	54.8	12.79
		2.8	2.0	99.9	15.16	96.7	15.08	90.2	14.85	87.0	14.70	77.3	14.11	70.9	13.59	54.8	11.90
		6.0	5.0	99.9	13.04	96.7	13.00	90.2	12.86	87.0	12.75	77.3	12.28	70.9	11.88	54.8	10.43
		7.0	6.0	99.9	12.30	96.7	12.25	90.2	12.12	87.0	12.02	77.3	11.64	70.9	11.29	54.8	10.06
		8.6	7.5	99.9	11.90	96.7	11.58	90.2	11.05	87.0	10.99	77.3	10.71	70.9	10.44	54.8	9.41
		11.2	10.0	99.9	11.90	96.7	11.58	90.2	10.94	87.0	10.62	77.3	9.66	70.9	9.13	54.8	8.38
		16.4	15.0	99.9	11.90	96.7	11.58	90.2	10.94	87.0	10.62	77.3	9.66	70.9	9.02	54.8	7.42
		24.0	18.0	99.9	11.90	96.7	11.58	90.2	10.94	87.0	10.62	77.3	9.66	70.9	9.02	54.8	7.42
100%	50%	-24.9	-25.0	83.2	21.71	80.6	21.47	75.2	20.91	72.5	20.59	64.4	19.48	59.1	18.60	45.6	15.61
		-19.8	-20.0	83.2	20.57	80.6	20.36	75.2	19.86	72.5	19.57	64.4	18.55	59.1	17.75	45.6	15.20
		-14.7	-15.0	83.2	19.08	80.6	18.91	75.2	18.49	72.5	18.24	64.4	17.35	59.1	16.62	45.6	14.36
		-9.6	-10.0	83.2	17.26	80.6	17.13	75.2	16.80	72.5	16.60	64.4	15.86	59.1	15.24	45.6	13.25
		-4.4	-5.0	83.2	15.12	80.6	15.04	75.2	14.82	72.5	14.68	64.4	14.11	59.1	13.61	45.6	11.96
		-1.8	-2.5	83.2	13.94	80.6	13.90	75.2	13.73	72.5	13.62	64.4	13.15	59.1	12.72	45.6	11.24
		0.8	0.0	83.2	12.71	80.6	12.70	75.2	12.60	72.5	12.52	64.4	12.15	59.1	11.79	45.6	10.50
		2.8	2.0	83.2	11.51	80.6	11.52	75.2	11.49	72.5	11.44	64.4	11.17	59.1	10.87	45.6	9.73
		6.0	5.0	83.2	10.25	80.6	9.98	75.2	9.72	72.5	9.71	64.4	9.57	59.1	9.38	45.6	8.51
		7.0	6.0	83.2	10.25	80.6	9.98	75.2	9.45	72.5	9.18	64.4	9.07	59.1	8.92	45.6	8.22
		8.6	7.5	83.2	10.25	80.6	9.98	75.2	9.45	72.5	9.18	64.4	8.38	59.1	8.26	45.6	7.70
		11.2	10.0	83.2	10.25	80.6	9.98	75.2	9.45	72.5	9.18	64.4	8.38	59.1	7.85	45.6	6.88
		16.4	15.0	83.2	10.25	80.6	9.98	75.2	9.45	72.5	9.18	64.4	8.38	59.1	7.85	45.6	6.51
		24.0	18.0	83.2	10.25	80.6	9.98	75.2	9.45	72.5	9.18	64.4	8.38	59.1	7.85	45.6	6.51
100%	40%	-24.9	-25.0	66.6	16.70	64.4	16.57	60.1	16.24	58.0	16.05	51.6	15.32	47.3	14.72	36.5	12.70
		-19.8	-20.0	66.6	15.80	64.4	15.69	60.1	15.41	58.0	15.24	51.6	14.58	47.3	14.03	36.5	12.26
		-14.7	-15.0	66.6	14.61	64.4	14.54	60.1	14.32	58.0	14.18	51.6	13.63	47.3	13.15	36.5	11.55
		-9.6	-10.0	66.6	13.18	64.4	13.13	60.1	12.98	58.0	12.88	51.6	12.44	47.3	12.04	36.5	10.67
		-4.4	-5.0	66.6	11.49	64.4	11.49	60.1	11.42	58.0	11.36	51.6	11.05	47.3	10.75	36.5	9.63
		-1.8	-2.5	66.6	10.57	64.4	10.59	60.1	10.57	58.0	10.53	51.6	10.30	47.3	10.05	36.5	9.07
		0.8	0.0	66.6	9.62	64.4	9.64	60.1	9.65	58.0	9.63	51.6	9.46	47.3	9.26	36.5	8.43
		2.8	2.0	66.6	8.59	64.4	8.59	60.1	8.65	58.0	8.66	51.6	8.59	47.3	8.45	36.5	7.80
		6.0	5.0	66.6	8.59	64.4	8.38	60.1	7.95	58.0	7.74	51.6	7.37	47.3	7.32	36.5	6.89
		7.0	6.0	66.6	8.59	64.4	8.38	60.1	7.95	58.0	7.74	51.6	7.10	47.3	6.98	36.5	6.64
		8.6	7.5	66.6	8.59	64.4	8.38	60.1	7.95	58.0	7.74	51.6	7.10	47.3	6.67	36.5	6.23
		11.2	10.0	66.6	8.59	64.4	8.38	60.1	7.95	58.0	7.74	51.6	7.10	47.3	6.67	36.5	5.61
		16.4	15.0	66.6	8.59	64.4	8.38	60.1	7.95	58.0	7.74	51.6	7.10	47.3	6.67	36.5	5.61
		24.0	18.0	66.6	8.59	64.4	8.38	60.1	7.95	58.0	7.74	51.6	7.10	47.3	6.67	36.5	5.61
100%	30%	-24.9	-25.0	49.9	12.37	48.3	12.31	45.1	12.14	43.5	12.03	38.7	11.58	35.4	11.19	27.4	9.87
		-19.8	-20.0	49.9	11.70	48.3	11.65	45.1	11.52	43.5	11.42	38.7	11.03	35.4	10.68	27.4	9.48
		-14.7	-15.0	49.9	10.82	48.3	10.80	45.1	10.70	43.5	10.63	38.7	10.31	35.4	10.01	27.4	8.95
		-9.6	-10.0	49.9	9.76	48.3	9.76	45.1	9.71	43.5	9.66	38.7	9.43	35.4	9.19	27.4	8.29
		-4.4	-5.0	49.9	8.42	48.3	8.45	45.1	8.47	43.5	8.45	38.7	8.32	35.4	8.16	27.4	7.46
		-1.8	-2.5	49.9	7.67	48.3	7.71	45.1	7.77	43.5	7.78	38.7	7.71	35.4	7.59	27.4	7.02
		0.8	0.0	49.9	6.94	48.3	6.96	45.1	7.05	43.5	7.07	38.7	7.08	35.4	7.00	27.4	6.55
		2.8	2.0	49.9	6.94	48.3	6.78	45.1	6.46	43.5	6.40	38.7	6.45	35.4	6.43	27.4	6.10
		6.0	5.0	49.9	6.94	48.3	6.78	45.1	6.46	43.5	6.30	38.7	5.82	35.4	5.63	27.4	5.45
		7.0	6.0	49.9	6.94	48.3	6.78	45.1	6.46	43.5	6.30	38.7	5.82	35.4	5.50	27.4	5.25
		8.6	7.5	49.9	6.94	48.3	6.78	45.1	6.46	43.5	6.30	38.7	5.82	35.4	5.50	27.4	4.97
		11.2	10.0	49.9	6.94	48.3	6.78	45.1	6.46	43.5	6.30	38.7	5.82	35.4	5.50	27.4	4.70
		16.4	15.0	49.9	6.94	48.3	6.78	45.1	6.46	43.5	6.30	38.7	5.82	35.4	5.50	27.4	4.70
		24.0	18.0	49.9	6.94	48.3	6.78	45.1	6.46	43.5	6.30	38.7	5.82	35.4	5.50	27.4	4.70

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-41. 48HP (Cooling) U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	90.0	10.65	108.0	12.78	126.0	14.91	135.0	15.98	153.0	18.11	171.0	20.25	189.0	22.37
		-5.0	90.0	10.67	108.0	12.80	126.0	14.93	135.0	16.00	153.0	18.13	171.0	20.26	189.0	22.39
		0.0	90.0	10.68	108.0	12.82	126.0	14.96	135.0	16.02	153.0	18.15	171.0	20.30	189.0	22.45
		5.0	90.0	10.71	108.0	12.84	126.0	14.98	135.0	16.06	153.0	18.24	171.0	20.44	189.0	22.61
		10.0	90.0	10.74	108.0	12.91	126.0	15.13	135.0	16.25	153.0	18.52	171.0	20.80	189.0	23.02
		15.0	90.0	10.94	108.0	13.28	126.0	15.66	135.0	16.87	153.0	19.30	171.0	21.75	189.0	24.02
		20.0	90.0	12.10	108.0	14.78	126.0	17.94	135.0	19.65	153.0	23.33	171.0	27.36	189.0	31.75
		25.0	90.0	15.48	108.0	19.18	126.0	23.25	135.0	25.42	153.0	30.03	171.0	35.02	189.0	40.37
		30.0	90.0	19.46	108.0	24.07	126.0	29.05	135.0	31.69	153.0	37.27	171.0	43.24	189.0	49.62
		35.0	90.0	23.75	108.0	29.31	126.0	35.28	135.0	38.43	153.0	45.05	171.0	52.11	180.6	53.76
		40.0	90.0	28.37	108.0	34.96	126.0	42.00	135.0	45.70	153.0	53.46	159.9	53.75	166.8	53.75
		43.0	90.0	31.31	108.0	38.55	126.0	46.29	135.0	50.36	145.9	53.75	53.75	53.75	156.4	51.20
		46.0	89.1	34.06	106.9	41.95	113.6	42.68	114.8	41.53	117.8	39.61	121.7	38.09	126.4	36.91
		52.0	38.8	14.42	42.3	14.57	46.4	14.85	48.6	15.02	53.6	15.42	59.0	15.87	65.0	16.35

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	81.0	8.61	97.2	10.80	113.4	12.94	121.5	13.99	137.7	16.05	153.9	18.06	170.1	20.02
		-5.0	81.0	8.63	97.2	10.82	113.4	12.95	121.5	14.00	137.7	16.06	153.9	18.08	170.1	20.04
		0.0	81.0	8.64	97.2	10.84	113.4	12.98	121.5	14.03	137.7	16.09	153.9	18.09	170.1	20.06
		5.0	81.0	8.67	97.2	10.86	113.4	13.00	121.5	14.05	137.7	16.11	153.9	18.15	170.1	20.14
		10.0	81.0	8.70	97.2	10.90	113.4	13.06	121.5	14.13	137.7	16.25	153.9	18.33	170.1	20.38
		15.0	81.0	8.79	97.2	11.08	113.4	13.35	121.5	14.47	137.7	16.68	153.9	18.85	170.1	20.97
		20.0	81.0	9.50	97.2	12.03	113.4	14.49	121.5	15.69	137.7	18.04	153.9	20.77	170.1	23.68
		25.0	81.0	12.45	97.2	15.48	113.4	18.62	121.5	20.23	137.7	23.52	153.9	26.90	170.1	30.36
		30.0	81.0	16.16	97.2	19.82	113.4	23.56	121.5	25.45	137.7	29.29	153.9	33.21	170.1	37.23
		35.0	81.0	20.76	97.2	25.20	113.4	29.69	121.5	31.95	137.7	36.54	153.9	41.25	170.1	46.13
		40.0	81.0	24.85	97.2	29.94	113.4	35.07	121.5	37.67	137.7	42.97	153.9	48.49	166.8	53.75
		43.0	81.0	27.37	97.2	32.87	113.4	38.43	121.5	41.25	137.7	47.07	152.9	53.75	156.4	51.20
		46.0	81.0	29.34	97.2	35.66	113.4	42.28	114.8	41.53	117.8	39.61	121.7	38.09	126.4	36.91
		52.0	38.8	14.42	42.3	14.57	46.4	14.85	48.6	15.02	53.6	15.42	59.0	15.87	65.0	16.35

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	72.0	7.38	86.4	9.37	100.8	11.30	108.0	12.26	122.4	14.13	136.8	15.97	151.2	17.77
		-5.0	72.0	7.39	86.4	9.38	100.8	11.32	108.0	12.27	122.4	14.15	136.8	15.99	151.2	17.78
		0.0	72.0	7.41	86.4	9.39	100.8	11.34	108.0	12.29	122.4	14.17	136.8	16.01	151.2	17.81
		5.0	72.0	7.43	86.4	9.42	100.8	11.36	108.0	12.32	122.4	14.19	136.8	16.03	151.2	17.83
		10.0	72.0	7.46	86.4	9.45	100.8	11.39	108.0	12.34	122.4	14.23	136.8	16.09	151.2	17.92
		15.0	72.0	7.50	86.4	9.51	100.8	11.50	108.0	12.49	122.4	14.43	136.8	16.34	151.2	18.21
		20.0	72.0	7.82	86.4	9.97	100.8	12.08	108.0	13.11	122.4	15.14	136.8	17.11	151.2	19.03
		25.0	72.0	10.03	86.4	12.32	100.8	14.66	108.0	15.84	122.4	18.23	136.8	20.65	151.2	23.09
		30.0	72.0	13.27	86.4	16.13	100.8	18.99	108.0	20.43	122.4	23.31	136.8	26.19	151.2	29.08
		35.0	72.0	17.32	86.4	20.85	100.8	24.35	108.0	26.09	122.4	29.57	136.8	33.05	151.2	36.53
		40.0	72.0	20.95	86.4	25.04	100.8	29.08	108.0	31.08	122.4	35.09	136.8	39.11	151.2	43.17
		43.0	72.0	23.19	86.4	27.63	100.8	32.01	108.0	34.19	122.4	38.55	136.8	42.96	151.2	47.47
		46.0	72.0	24.77	86.4	29.69	100.8	34.73	108.0	37.31	117.8	39.61	121.7	38.09	126.4	36.91
		52.0	38.8	14.42	42.3	14.57	46.4	14.85	48.6	15.02	53.6	15.42	59.0	15.87	65.0	16.35

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	63.0	6.13	75.6	7.90	88.2	9.63	94.5	10.49	107.1	12.17	119.7	13.82	132.3	15.43
		-5.0	63.0	6.14	75.6	7.91	88.2	9.64	94.5	10.50	107.1	12.18	119.7	13.83	132.3	15.45
		0.0	63.0	6.15	75.6	7.92	88.2	9.66	94.5	10.51	107.1	12.20	119.7	13.85	132.3	15.46
		5.0	63.0	6.17	75.6	7.94	88.2	9.68	94.5	10.53	107.1	12.22	119.7	13.87	132.3	15.49
		10.0	63.0	6.19	75.6	7.97	88.2	9.71	94.5	10.56	107.1	12.25	119.7	13.89	132.3	15.51
		15.0	63.0	6.23	75.6	8.01	88.2	9.74	94.5	10.60	107.1	12.30	119.7	13.98	132.3	15.62
		20.0	63.0	6.34	75.6	8.17	88.2	9.98	94.5	10.86	107.1	12.61	119.7	14.32	132.3	16.00
		25.0	63.0	7.60	75.6	9.48	88.2	11.29	94.5	12.17	107.1	13.89	119.7	15.57	132.3	17.20
		30.0	63.0	10.64	75.6	12.78	88.2	14.88	94.5	15.92	107.1	17.97	119.7	19.99	132.3	21.97
		35.0	63.0	14.13	75.6	16.85	88.2	19.50	94.5	20.80	107.1	23.35	119.7	25.84	132.3	28.29
		40.0	63.0	17.30	75.6	20.51	88.2	23.61	94.5	25.13	107.1	28.11	119.7	31.01	132.3	33.86
		43.0	63.0	19.26	75.6	22.76	88.2	26.15	94.5	27.81	107.1	31.05	119.7	34.23	132.3	37.35
		46.0	63.0	20.64	75.6	24.37	88.2	28.11	94.5	29.98	107.1	33.74	119.7	36.15	126.4	36.91
		52.0	38.8	14.42	42.3	14.57	46.4	14.85	48.6	15.02	53.6	15.42	59.0	15.87	65.0	16.35

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

48HP (Cooling) U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	54.0	4.86	64.8	6.40	75.6	7.92	81.0	8.67	91.8	10.14	102.6	11.59	113.4	13.02
		-5.0	54.0	4.87	64.8	6.41	75.6	7.93	81.0	8.68	91.8	10.15	102.6	11.60	113.4	13.03
		0.0	54.0	4.88	64.8	6.42	75.6	7.94	81.0	8.69	91.8	10.17	102.6	11.62	113.4	13.04
		5.0	54.0	4.89	64.8	6.44	75.6	7.96	81.0	8.71	91.8	10.18	102.6	11.64	113.4	13.06
		10.0	54.0	4.91	64.8	6.46	75.6	7.98	81.0	8.73	91.8	10.21	102.6	11.66	113.4	13.08
		15.0	54.0	4.94	64.8	6.49	75.6	8.01	81.0	8.76	91.8	10.24	102.6	11.69	113.4	13.11
		20.0	54.0	4.99	64.8	6.54	75.6	8.07	81.0	8.83	91.8	10.32	102.6	11.79	113.4	13.23
		25.0	54.0	5.46	64.8	7.05	75.6	8.60	81.0	9.36	91.8	10.85	102.6	12.31	113.4	13.74
		30.0	54.0	8.26	64.8	9.79	75.6	11.25	81.0	11.96	91.8	13.32	102.6	14.62	113.4	15.87
		35.0	54.0	11.19	64.8	13.20	75.6	15.11	81.0	16.03	91.8	17.80	102.6	19.48	113.4	21.09
		40.0	54.0	13.91	64.8	16.34	75.6	18.64	81.0	19.75	91.8	21.87	102.6	23.89	113.4	25.82
		43.0	54.0	15.59	64.8	18.27	75.6	20.81	81.0	22.02	91.8	24.37	102.6	26.60	113.4	28.73
		46.0	54.0	16.92	64.8	19.67	75.6	22.34	81.0	23.66	91.8	26.23	102.6	28.75	113.4	31.21
		52.0	38.8	14.42	42.3	14.57	46.4	14.85	48.6	15.02	53.6	15.42	59.0	15.87	65.0	16.35

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	45.0	3.56	54.0	4.87	63.0	6.16	67.5	6.80	76.5	8.06	85.5	9.30	94.5	10.51
		-5.0	45.0	3.57	54.0	4.88	63.0	6.17	67.5	6.81	76.5	8.07	85.5	9.31	94.5	10.52
		0.0	45.0	3.58	54.0	4.89	63.0	6.18	67.5	6.82	76.5	8.08	85.5	9.32	94.5	10.53
		5.0	45.0	3.59	54.0	4.90	63.0	6.19	67.5	6.83	76.5	8.09	85.5	9.33	94.5	10.55
		10.0	45.0	3.60	54.0	4.92	63.0	6.21	67.5	6.85	76.5	8.11	85.5	9.35	94.5	10.57
		15.0	45.0	3.63	54.0	4.94	63.0	6.24	67.5	6.87	76.5	8.14	85.5	9.37	94.5	10.59
		20.0	45.0	3.67	54.0	4.98	63.0	6.28	67.5	6.92	76.5	8.17	85.5	9.41	94.5	10.62
		25.0	45.0	3.79	54.0	5.11	63.0	6.40	67.5	7.04	76.5	8.31	85.5	9.54	94.5	10.76
		30.0	45.0	6.16	54.0	7.13	63.0	7.87	67.5	8.33	76.5	9.33	85.5	10.39	94.5	11.48
		35.0	45.0	8.53	54.0	9.93	63.0	11.22	67.5	11.82	76.5	12.94	85.5	13.97	94.5	14.90
		40.0	45.0	10.79	54.0	12.54	63.0	14.15	67.5	14.91	76.5	16.32	85.5	17.62	94.5	18.81
		43.0	45.0	12.18	54.0	14.15	63.0	15.95	67.5	16.80	76.5	18.40	85.5	19.86	94.5	21.22
		46.0	45.0	13.60	54.0	15.54	63.0	17.37	67.5	18.24	76.5	19.92	85.5	21.49	94.5	22.98
		52.0	38.8	14.42	42.3	14.57	46.4	14.85	48.6	15.02	53.6	15.42	59.0	15.87	65.0	16.35

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	36.0	2.24	43.2	3.31	50.4	4.36	54.0	4.88	61.2	5.91	68.4	6.93	75.6	7.94
		-5.0	36.0	2.25	43.2	3.32	50.4	4.37	54.0	4.89	61.2	5.92	68.4	6.94	75.6	7.94
		0.0	36.0	2.25	43.2	3.32	50.4	4.38	54.0	4.90	61.2	5.93	68.4	6.95	75.6	7.95
		5.0	36.0	2.26	43.2	3.33	50.4	4.39	54.0	4.91	61.2	5.94	68.4	6.96	75.6	7.97
		10.0	36.0	2.27	43.2	3.34	50.4	4.40	54.0	4.92	61.2	5.95	68.4	6.97	75.6	7.98
		15.0	36.0	2.29	43.2	3.36	50.4	4.42	54.0	4.94	61.2	5.97	68.4	6.99	75.6	8.00
		20.0	36.0	2.32	43.2	3.39	50.4	4.45	54.0	4.97	61.2	6.00	68.4	7.02	75.6	8.04
		25.0	36.0	2.39	43.2	3.45	50.4	4.50	54.0	5.02	61.2	6.04	68.4	7.06	75.6	8.09
		30.0	36.0	3.23	43.2	3.96	50.4	4.85	54.0	5.32	61.2	6.27	68.4	7.33	75.6	8.46
		35.0	36.0	6.14	43.2	7.05	50.4	7.84	54.0	8.19	61.2	8.82	68.4	9.60	75.6	10.60
		40.0	36.0	7.94	43.2	9.12	50.4	10.15	54.0	10.62	61.2	11.47	68.4	12.20	75.6	12.82
		43.0	36.0	9.05	43.2	10.40	50.4	11.59	54.0	12.14	61.2	13.12	68.4	13.98	75.6	14.73
		46.0	36.0	10.65	43.2	11.94	50.4	13.11	54.0	13.66	61.2	14.66	68.4	15.55	75.6	16.35
		52.0	36.0	12.73	42.3	14.57	46.4	14.85	48.6	15.02	53.6	15.42	59.0	15.87	65.0	16.35

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	27.0	0.90	32.4	1.71	37.8	2.52	40.5	2.93	45.9	3.73	51.3	4.52	56.7	5.29
		-5.0	27.0	0.90	32.4	1.72	37.8	2.53	40.5	2.94	45.9	3.74	51.3	4.53	56.7	5.30
		0.0	27.0	0.91	32.4	1.72	37.8	2.54	40.5	2.94	45.9	3.75	51.3	4.54	56.7	5.31
		5.0	27.0	0.91	32.4	1.73	37.8	2.54	40.5	2.95	45.9	3.76	51.3	4.55	56.7	5.33
		10.0	27.0	0.92	32.4	1.74	37.8	2.55	40.5	2.96	45.9	3.77	51.3	4.57	56.7	5.35
		15.0	27.0	0.93	32.4	1.75	37.8	2.57	40.5	2.98	45.9	3.79	51.3	4.59	56.7	5.37
		20.0	27.0	0.96	32.4	1.77	37.8	2.59	40.5	3.01	45.9	3.83	51.3	4.62	56.7	5.40
		25.0	27.0	1.00	32.4	1.81	37.8	2.63	40.5	3.05	45.9	3.87	51.3	4.70	56.7	5.53
		30.0	27.0	1.12	32.4	1.89	37.8	2.73	40.5	3.20	45.9	4.16	51.3	5.10	56.7	6.01
		35.0	27.0	4.04	32.4	4.56	37.8	5.17	40.5	5.58	45.9	6.37	51.3	7.15	56.7	7.92
		40.0	27.0	5.37	32.4	6.08	37.8	6.67	40.5	6.92	45.9	7.34	51.3	7.67	56.7	7.92
		43.0	27.0	6.20	32.4	7.04	37.8	7.74	40.5	8.04	45.9	8.56	51.3	8.97	56.7	9.28
		46.0	27.0	8.04	32.4	8.83	37.8	9.51	40.5	9.81	45.9	10.33	51.3	10.75	56.7	11.09
		52.0	27.0	9.53	32.4	10.56	37.8	11.46	40.5	11.87	45.9	12.27	51.3	12.48	56.7	12.56

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-42. 48HP (Heating) U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	100%	-24.9	-25.0	102.3	34.74	99.7	34.14	94.6	32.89	91.9	32.21	83.7	30.06	78.1	28.47	63.0	23.96
		-19.8	-20.0	107.2	35.44	104.6	34.84	99.2	33.52	96.5	32.84	88.0	30.60	82.1	28.97	66.4	24.34
		-14.7	-15.0	114.3	36.54	111.6	35.89	105.9	34.52	103.0	33.80	94.0	31.44	87.7	29.74	71.0	24.91
		-9.6	-10.0	123.9	38.19	121.0	37.41	114.9	35.93	111.8	35.16	102.1	32.65	95.3	30.83	77.3	25.71
		-4.4	-5.0	136.5	40.06	133.3	39.36	126.6	37.86	123.2	37.05	112.5	34.36	105.1	32.37	85.1	26.81
		-1.8	-2.5	144.0	40.79	140.6	40.07	133.6	38.52	129.9	37.67	118.7	34.93	110.8	32.92	89.8	27.27
		0.8	0.0	152.4	41.45	148.8	40.68	141.3	39.05	137.5	38.18	125.5	35.33	117.2	33.27	94.4	27.26
		2.8	2.0	161.4	42.04	157.5	41.24	149.6	39.54	145.6	38.64	133.1	35.75	122.2	32.73	94.4	25.27
		6.0	5.0	172.2	41.25	166.7	39.80	155.6	36.96	150.0	35.57	133.3	31.48	122.2	28.79	94.4	22.38
		7.0	6.0	172.2	39.27	166.7	37.91	155.6	35.24	150.0	33.90	133.3	30.03	122.2	27.52	94.4	21.46
		8.6	7.5	172.2	36.35	166.7	35.11	155.6	32.67	150.0	31.47	133.3	27.95	122.2	25.67	94.4	20.12
		11.2	10.0	172.2	31.73	166.7	30.69	155.6	28.66	150.0	27.66	133.3	24.71	122.2	22.78	94.4	18.04
		16.4	15.0	172.2	23.67	166.7	23.00	155.6	21.66	150.0	20.99	133.3	18.97	122.2	17.61	94.4	14.15
		24.0	18.0	172.2	19.37	166.7	18.84	155.6	17.76	150.0	17.22	133.3	15.55	122.2	14.41	94.4	11.51

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	102.3	34.74	99.7	34.14	94.6	32.89	91.9	32.21	83.7	30.06	78.1	28.47	63.0	23.96
		-19.8	-20.0	107.2	35.44	104.6	34.84	99.2	33.52	96.5	32.84	88.0	30.60	82.1	28.97	66.4	24.34
		-14.7	-15.0	114.3	36.54	111.6	35.89	105.9	34.52	103.0	33.80	94.0	31.44	87.7	29.74	71.0	24.91
		-9.6	-10.0	123.9	38.19	121.0	37.41	114.9	35.93	111.8	35.16	102.1	32.65	95.3	30.83	77.3	25.71
		-4.4	-5.0	136.5	40.06	133.3	39.36	126.6	37.86	123.2	37.05	112.5	34.36	105.1	32.37	85.0	26.81
		-1.8	-2.5	144.0	40.79	140.6	40.07	133.6	38.52	129.9	37.67	118.7	34.93	110.0	32.92	85.0	24.35
		0.8	0.0	152.4	41.45	148.8	40.68	140.0	35.54	135.0	34.37	120.0	30.86	110.0	28.52	85.0	22.65
		2.8	2.0	155.0	35.65	150.0	34.61	140.0	32.53	135.0	31.49	120.0	28.30	110.0	26.34	85.0	21.24
		6.0	5.0	155.0	30.98	150.0	30.24	140.0	28.70	135.0	27.90	120.0	25.43	110.0	23.59	85.0	18.89
		7.0	6.0	155.0	30.38	150.0	29.50	140.0	27.75	135.0	26.88	120.0	24.26	110.0	22.51	85.0	18.10
		8.6	7.5	155.0	27.95	150.0	27.17	140.0	25.63	135.0	24.85	120.0	22.51	110.0	20.94	85.0	16.95
		11.2	10.0	155.0	24.14	150.0	23.53	140.0	22.30	135.0	21.68	120.0	19.79	110.0	18.50	85.0	15.17
		16.4	15.0	155.0	17.54	150.0	17.20	140.0	16.48	135.0	16.11	120.0	14.92	110.0	14.07	85.0	11.76
		24.0	18.0	155.0	17.33	150.0	16.84	140.0	15.86	135.0	15.37	120.0	13.90	110.0	12.92	85.0	10.47

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	80%	-24.9	-25.0	102.3	34.74	99.7	34.14	94.6	32.89	91.9	32.21	83.7	30.06	78.1	28.47	63.0	23.96
		-19.8	-20.0	107.2	35.44	104.6	34.84	99.2	33.52	96.5	32.84	88.0	30.60	82.1	28.97	66.4	24.34
		-14.7	-15.0	114.3	36.54	111.6	35.89	105.9	34.52	103.0	33.80	94.0	31.44	87.7	29.74	71.0	24.91
		-9.6	-10.0	123.9	38.19	121.0	37.41	114.9	35.93	111.8	35.16	102.1	32.65	95.3	30.83	75.6	25.71
		-4.4	-5.0	136.5	40.06	133.3	39.36	124.4	32.04	120.0	31.15	106.7	28.39	97.8	26.50	75.6	21.54
		-1.8	-2.5	137.8	32.02	133.3	31.26	124.4	29.70	120.0	28.90	106.7	26.43	97.8	24.73	75.6	20.33
		0.8	0.0	137.8	29.25	133.3	28.53	124.4	27.30	120.0	26.66	106.7	24.60	97.8	23.12	75.6	19.07
		2.8	2.0	137.8	26.91	133.3	26.39	124.4	25.30	120.0	24.72	106.7	22.86	97.8	21.52	75.6	17.82
		6.0	5.0	137.8	23.79	133.3	23.37	124.4	22.46	120.0	21.97	106.7	20.39	97.8	19.18	75.6	15.84
		7.0	6.0	137.8	23.15	133.3	22.65	124.4	21.62	120.0	21.09	106.7	19.43	97.8	18.27	75.6	15.17
		8.6	7.5	137.8	21.15	133.3	20.73	124.4	19.86	120.0	19.40	106.7	17.97	97.8	16.96	75.6	14.20
		11.2	10.0	137.8	18.05	133.3	17.75	124.4	17.12	120.0	16.78	106.7	15.70	97.8	14.91	75.6	12.68
		16.4	15.0	137.8	15.64	133.3	15.21	124.4	14.34	120.0	13.90	106.7	12.59	97.8	11.72	75.6	9.74
		24.0	18.0	137.8	15.64	133.3	15.21	124.4	14.34	120.0	13.90	106.7	12.59	97.8	11.72	75.6	9.54

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	70%	-24.9	-25.0	102.3	34.74	99.7	34.14	94.6	32.89	91.9	32.21	83.7	30.06	78.1	28.47	63.0	23.96
		-19.8	-20.0	107.2	35.44	104.6	34.84	99.2	33.52	96.5	32.84	88.0	30.60	82.1	28.97	66.1	24.34
		-14.7	-15.0	114.3	36.54	111.6	35.89	105.9	34.52	103.0	33.80	93.3	31.44	85.6	29.74	66.1	21.37
		-9.6	-10.0	120.6	29.90	116.7	29.32	108.9	28.09	105.0	27.44	93.3	25.38	85.6	23.91	66.1	19.95
		-4.4	-5.0	120.6	26.14	116.7	25.73	108.9	24.84	105.0	24.35	93.3	22.73	85.6	21.52	66.1	18.06
		-1.8	-2.5	120.6	24.38	116.7	24.01	108.9	23.21	105.0	22.77	93.3	21.31	85.6	20.20	66.1	17.03
		0.8	0.0	120.6	22.52	116.7	22.20	108.9	21.51	105.0	21.12	93.3	19.81	85.6	18.82	66.1	15.95
		2.8	2.0	120.6	20.68	116.7	20.41	108.9	19.82	105.0	19.48	93.3	18.34	85.6	17.46	66.1	14.87
		6.0	5.0	120.6	18.05	116.7	17.86	108.9	17.41	105.0	17.15	93.3	16.21	85.6	15.46	66.1	13.19
		7.0	6.0	120.6	17.36	116.7	17.13	108.9	16.63	105.0	16.35	93.3	15.42	85.6	14.71	66.1	12.64
		8.6	7.5	120.6	15.77	116.7	15.59	108.9	15.20	105.0	14.98	93.3	14.22	85.6	13.63	66.1	11.83
		11.2	10.0	120.6	13.95	116.7	13.57	108.9	13.03	105.0	12.89	93.3	12.37	85.6	11.94	66.1	10.54
		16.4	15.0	120.6	13.95	116.7	13.57	108.9	12.81	105.0	12.43	93.3	11.28	85.6	10.52	66.1	8.61
24.0	18.0	120.6	13.95	116.7	13.57	108.9	12.81	105.0	12.43	93.3	11.28	85.6	10.52	66.1	8.61		

3. Part Load of Outdoor Unit

48HP (Heating) U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-24.9	-25.0	102.3	34.74	99.7	34.14	93.3	27.55	90.0	26.98	80.0	25.04	73.3	23.47	56.7	19.36
		-19.8	-20.0	103.3	27.36	100.0	26.93	93.3	25.99	90.0	25.48	80.0	23.81	73.3	22.57	56.7	18.68
		-14.7	-15.0	103.3	25.24	100.0	24.90	93.3	24.15	90.0	23.73	80.0	22.29	73.3	21.20	56.7	17.97
		-9.6	-10.0	103.3	22.98	100.0	22.70	93.3	22.07	90.0	21.71	80.0	20.47	73.3	19.51	56.7	16.63
		-4.4	-5.0	103.3	20.31	100.0	20.10	93.3	19.60	90.0	19.31	80.0	18.30	73.3	17.49	56.7	15.03
		-1.8	-2.5	103.3	18.84	100.0	18.67	93.3	18.24	90.0	17.99	80.0	17.10	73.3	16.38	56.7	14.15
		0.8	0.0	103.3	17.29	100.0	17.16	93.3	16.82	90.0	16.61	80.0	15.85	73.3	15.22	56.7	13.23
		2.8	2.0	103.3	15.76	100.0	15.67	93.3	15.42	90.0	15.25	80.0	14.62	73.3	14.08	56.7	12.32
		6.0	5.0	103.3	13.59	100.0	13.54	93.3	13.38	90.0	13.27	80.0	12.78	73.3	12.35	56.7	10.84
		7.0	6.0	103.3	12.87	100.0	12.81	93.3	12.65	90.0	12.54	80.0	12.12	73.3	11.74	56.7	10.45
		8.6	7.5	103.3	12.27	100.0	11.94	93.3	11.54	90.0	11.47	80.0	11.16	73.3	10.86	56.7	9.78
		11.2	10.0	103.3	12.27	100.0	11.94	93.3	11.28	90.0	10.96	80.0	9.98	73.3	9.52	56.7	8.72
		16.4	15.0	103.3	12.27	100.0	11.94	93.3	11.28	90.0	10.96	80.0	9.98	73.3	9.32	56.7	7.69
		24.0	18.0	103.3	12.27	100.0	11.94	93.3	11.28	90.0	10.96	80.0	9.98	73.3	9.32	56.7	7.69
100%	50%	-24.9	-25.0	86.1	22.37	83.3	22.12	77.8	21.54	75.0	21.21	66.7	20.06	61.1	19.15	47.2	16.08
		-19.8	-20.0	86.1	21.21	83.3	20.99	77.8	20.47	75.0	20.17	66.7	19.12	61.1	18.29	47.2	15.66
		-14.7	-15.0	86.1	19.69	83.3	19.51	77.8	19.07	75.0	18.82	66.7	17.88	61.1	17.14	47.2	14.81
		-9.6	-10.0	86.1	17.83	83.3	17.69	77.8	17.35	75.0	17.14	66.7	16.37	61.1	15.73	47.2	13.68
		-4.4	-5.0	86.1	15.65	83.3	15.56	77.8	15.33	75.0	15.17	66.7	14.58	61.1	14.06	47.2	12.35
		-1.8	-2.5	86.1	14.44	83.3	14.39	77.8	14.22	75.0	14.10	66.7	13.60	61.1	13.15	47.2	11.62
		0.8	0.0	86.1	13.19	83.3	13.17	77.8	13.06	75.0	12.97	66.7	12.58	61.1	12.21	47.2	10.87
		2.8	2.0	86.1	11.96	83.3	11.96	77.8	11.92	75.0	11.87	66.7	11.58	61.1	11.27	47.2	10.10
		6.0	5.0	86.1	10.58	83.3	10.30	77.8	10.15	75.0	10.13	66.7	9.96	61.1	9.76	47.2	8.85
		7.0	6.0	86.1	10.58	83.3	10.30	77.8	9.76	75.0	9.56	66.7	9.45	61.1	9.29	47.2	8.55
		8.6	7.5	86.1	10.58	83.3	10.30	77.8	9.76	75.0	9.49	66.7	8.72	61.1	8.61	47.2	8.01
		11.2	10.0	86.1	10.58	83.3	10.30	77.8	9.76	75.0	9.49	66.7	8.67	61.1	8.12	47.2	7.17
		16.4	15.0	86.1	10.58	83.3	10.30	77.8	9.76	75.0	9.49	66.7	8.67	61.1	8.12	47.2	6.76
		24.0	18.0	86.1	10.58	83.3	10.30	77.8	9.76	75.0	9.49	66.7	8.67	61.1	8.12	47.2	6.76
100%	40%	-24.9	-25.0	68.9	17.21	66.7	17.08	62.2	16.74	60.0	16.54	53.3	15.79	48.9	15.17	37.8	13.09
		-19.8	-20.0	68.9	16.29	66.7	16.18	62.2	15.89	60.0	15.71	53.3	15.04	48.9	14.47	37.8	12.65
		-14.7	-15.0	68.9	15.09	66.7	15.00	62.2	14.78	60.0	14.63	53.3	14.06	48.9	13.56	37.8	11.92
		-9.6	-10.0	68.9	13.62	66.7	13.57	62.2	13.41	60.0	13.30	53.3	12.85	48.9	12.44	37.8	11.02
		-4.4	-5.0	68.9	11.90	66.7	11.89	62.2	11.82	60.0	11.75	53.3	11.43	48.9	11.12	37.8	9.97
		-1.8	-2.5	68.9	10.95	66.7	10.97	62.2	10.95	60.0	10.90	53.3	10.66	48.9	10.40	37.8	9.39
		0.8	0.0	68.9	9.98	66.7	10.01	62.2	10.03	60.0	10.02	53.3	9.84	48.9	9.62	37.8	8.75
		2.8	2.0	68.9	8.93	66.7	8.97	62.2	9.02	60.0	9.02	53.3	8.94	48.9	8.79	37.8	8.10
		6.0	5.0	68.9	8.89	66.7	8.67	62.2	8.23	60.0	8.02	53.3	7.69	48.9	7.63	37.8	7.16
		7.0	6.0	68.9	8.89	66.7	8.67	62.2	8.23	60.0	8.02	53.3	7.36	48.9	7.28	37.8	6.91
		8.6	7.5	68.9	8.89	66.7	8.67	62.2	8.23	60.0	8.02	53.3	7.36	48.9	6.93	37.8	6.50
		11.2	10.0	68.9	8.89	66.7	8.67	62.2	8.23	60.0	8.02	53.3	7.36	48.9	6.93	37.8	5.85
		16.4	15.0	68.9	8.89	66.7	8.67	62.2	8.23	60.0	8.02	53.3	7.36	48.9	6.93	37.8	5.84
		24.0	18.0	68.9	8.89	66.7	8.67	62.2	8.23	60.0	8.02	53.3	7.36	48.9	6.93	37.8	5.84
100%	30%	-24.9	-25.0	51.7	12.78	50.0	12.71	46.7	12.53	45.0	12.42	40.0	11.96	36.7	11.55	28.3	10.20
		-19.8	-20.0	51.7	12.09	50.0	12.04	46.7	11.90	45.0	11.80	40.0	11.40	36.7	11.03	28.3	9.81
		-14.7	-15.0	51.7	11.19	50.0	11.17	46.7	11.07	45.0	10.99	40.0	10.66	36.7	10.35	28.3	9.26
		-9.6	-10.0	51.7	10.10	50.0	10.10	46.7	10.05	45.0	10.00	40.0	9.76	36.7	9.51	28.3	8.59
		-4.4	-5.0	51.7	8.77	50.0	8.80	46.7	8.81	45.0	8.79	40.0	8.65	36.7	8.47	28.3	7.75
		-1.8	-2.5	51.7	8.00	50.0	8.04	46.7	8.09	45.0	8.10	40.0	8.02	36.7	7.89	28.3	7.29
		0.8	0.0	51.7	7.21	50.0	7.27	46.7	7.35	45.0	7.38	40.0	7.37	36.7	7.29	28.3	6.82
		2.8	2.0	51.7	7.20	50.0	7.03	46.7	6.71	45.0	6.68	40.0	6.73	36.7	6.70	28.3	6.35
		6.0	5.0	51.7	7.20	50.0	7.03	46.7	6.71	45.0	6.54	40.0	6.05	36.7	5.88	28.3	5.69
		7.0	6.0	51.7	7.20	50.0	7.03	46.7	6.71	45.0	6.54	40.0	6.05	36.7	5.73	28.3	5.49
		8.6	7.5	51.7	7.20	50.0	7.03	46.7	6.71	45.0	6.54	40.0	6.05	36.7	5.73	28.3	5.19
		11.2	10.0	51.7	7.20	50.0	7.03	46.7	6.71	45.0	6.54	40.0	6.05	36.7	5.73	28.3	4.91
		16.4	15.0	51.7	7.20	50.0	7.03	46.7	6.71	45.0	6.54	40.0	6.05	36.7	5.73	28.3	4.91
		24.0	18.0	51.7	7.20	50.0	7.03	46.7	6.71	45.0	6.54	40.0	6.05	36.7	5.73	28.3	4.91

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-43. 50HP (Cooling) U-10ME2E8+U-12ME2E8+U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB															
			14.0		16.0		18.0		19.0		21.0		23.0		25.0			
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW		
100%	100%	-10.0	93.3	9.96	112.0	11.95	130.7	13.94	140.0	14.94	158.7	16.93	177.3	18.93	196.0	20.91		
		-5.0	93.3	9.98	112.0	11.97	130.7	13.96	140.0	14.96	158.7	16.96	177.3	18.95	196.0	20.93		
		0.0	93.3	10.00	112.0	11.99	130.7	13.99	140.0	14.99	158.7	16.98	177.3	18.99	196.0	20.99		
		5.0	93.3	10.03	112.0	12.02	130.7	14.02	140.0	15.03	158.7	17.07	177.3	19.13	196.0	21.16		
		10.0	93.3	10.06	112.0	12.10	130.7	14.18	140.0	15.23	158.7	17.36	177.3	19.53	196.0	21.61		
		15.0	93.3	10.28	112.0	12.49	130.7	14.76	140.0	15.91	158.7	18.23	177.3	20.58	196.0	22.74		
		20.0	93.3	11.56	112.0	14.16	130.7	17.11	140.0	18.71	158.7	22.14	177.3	25.90	196.0	29.99		
		25.0	93.3	14.81	112.0	18.27	130.7	22.06	140.0	24.09	158.7	28.39	177.3	33.04	196.0	38.04		
		30.0	93.3	18.53	112.0	22.82	130.7	27.48	140.0	29.94	158.7	35.14	177.3	40.72	196.0	46.67		
		35.0	93.3	22.53	112.0	27.72	130.7	33.29	140.0	36.23	158.7	42.41	177.3	48.99	187.5	50.67		
		40.0	93.3	26.84	112.0	32.99	130.7	39.56	140.0	43.01	158.7	50.25	166.1	50.67	173.2	50.67		
		43.0	93.3	29.58	112.0	36.34	130.7	43.56	140.0	47.36	151.6	50.68	158.8	50.68	162.2	48.14		
		46.0	92.4	32.15	110.9	39.51	117.8	40.19	119.0	39.12	122.2	37.33	126.3	35.92	131.1	34.81		
		52.0	40.3	13.82	43.9	13.97	48.1	14.23	50.4	14.39	55.5	14.76	61.2	15.18	67.4	15.63		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB															
			14.0		16.0		18.0		19.0		21.0		23.0		25.0			
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW		
100%	90%	-10.0	84.0	8.03	100.8	10.08	117.6	12.08	126.0	13.06	142.8	14.99	159.6	16.87	176.4	18.71		
		-5.0	84.0	8.05	100.8	10.10	117.6	12.10	126.0	13.08	142.8	15.01	159.6	16.89	176.4	18.74		
		0.0	84.0	8.07	100.8	10.12	117.6	12.12	126.0	13.11	142.8	15.04	159.6	16.92	176.4	18.76		
		5.0	84.0	8.10	100.8	10.15	117.6	12.16	126.0	13.14	142.8	15.07	159.6	16.97	176.4	18.84		
		10.0	84.0	8.14	100.8	10.19	117.6	12.22	126.0	13.22	142.8	15.20	159.6	17.16	176.4	19.09		
		15.0	84.0	8.23	100.8	10.39	117.6	12.53	126.0	13.59	142.8	15.68	159.6	17.73	176.4	19.75		
		20.0	84.0	9.00	100.8	11.43	117.6	13.79	126.0	14.95	142.8	17.20	159.6	19.75	176.4	22.46		
		25.0	84.0	12.01	100.8	14.83	117.6	17.75	126.0	19.24	142.8	22.31	159.6	25.46	176.4	28.69		
		30.0	84.0	15.46	100.8	18.87	117.6	22.35	126.0	24.11	142.8	27.69	159.6	31.35	176.4	35.10		
		35.0	84.0	19.76	100.8	23.89	117.6	28.07	126.0	30.18	142.8	34.46	159.6	38.86	176.4	43.41		
		40.0	84.0	23.57	100.8	28.31	117.6	33.09	126.0	35.52	142.8	40.46	159.6	45.62	173.2	50.67		
		43.0	84.0	25.92	100.8	31.04	117.6	36.23	126.0	38.86	142.8	44.29	158.8	50.68	162.2	48.14		
		46.0	84.0	27.75	100.8	33.64	117.6	39.82	119.0	39.12	122.2	37.33	126.3	35.92	131.1	34.81		
		52.0	40.3	13.82	43.9	13.97	48.1	14.23	50.4	14.39	55.5	14.76	61.2	15.18	67.4	15.63		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB															
			14.0		16.0		18.0		19.0		21.0		23.0		25.0			
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW		
100%	80%	-10.0	74.7	6.88	89.6	8.74	104.5	10.55	112.0	11.44	126.9	13.20	141.9	14.92	156.8	16.60		
		-5.0	74.7	6.90	89.6	8.75	104.5	10.57	112.0	11.46	126.9	13.22	141.9	14.93	156.8	16.62		
		0.0	74.7	6.91	89.6	8.77	104.5	10.59	112.0	11.48	126.9	13.24	141.9	14.96	156.8	16.64		
		5.0	74.7	6.94	89.6	8.80	104.5	10.62	112.0	11.51	126.9	13.27	141.9	14.98	156.8	16.67		
		10.0	74.7	6.97	89.6	8.84	104.5	10.65	112.0	11.54	126.9	13.31	141.9	15.05	156.8	16.77		
		15.0	74.7	7.02	89.6	8.90	104.5	10.77	112.0	11.69	126.9	13.52	141.9	15.32	156.8	17.08		
		20.0	74.7	7.36	89.6	9.40	104.5	11.40	112.0	12.38	126.9	14.30	141.9	16.17	156.8	17.99		
		25.0	74.7	9.76	89.6	11.89	104.5	14.06	112.0	15.16	126.9	17.38	141.9	19.63	156.8	21.91		
		30.0	74.7	12.77	89.6	15.42	104.5	18.09	112.0	19.43	126.9	22.11	141.9	24.80	156.8	27.50		
		35.0	74.7	16.55	89.6	19.83	104.5	23.10	112.0	24.72	126.9	27.97	141.9	31.21	156.8	34.46		
		40.0	74.7	19.93	89.6	23.74	104.5	27.50	112.0	29.38	126.9	33.11	141.9	36.86	156.8	40.65		
		43.0	74.7	22.01	89.6	26.15	104.5	30.24	112.0	32.27	126.9	36.34	141.9	40.45	156.8	44.66		
		46.0	74.7	23.48	89.6	28.07	104.5	32.78	112.0	35.18	122.2	37.33	126.3	35.92	131.1	34.81		
		52.0	40.3	13.82	43.9	13.97	48.1	14.23	50.4	14.39	55.5	14.76	61.2	15.18	67.4	15.63		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	70%	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
		-10.0	65.3	5.71	78.4	7.37	91.5	8.99	98.0	9.78	111.1	11.36	124.1	12.90	137.2	14.41
		-5.0	65.3	5.72	78.4	7.38	91.5	9.00	98.0	9.80	111.1	11.37	124.1	12.92	137.2	14.43
		0.0	65.3	5.74	78.4	7.39	91.5	9.02	98.0	9.82	111.1	11.39	124.1	12.94	137.2	14.45
		5.0	65.3	5.76	78.4	7.41	91.5	9.04	98.0	9.84	111.1	11.42	124.1	12.96	137.2	14.48
		10.0	65.3	5.79	78.4	7.45	91.5	9.07	98.0	9.87	111.1	11.45	124.1	12.99	137.2	14.50
		15.0	65.3	5.83	78.4	7.49	91.5	9.12	98.0	9.92	111.1	11.51	124.1	13.08	137.2	14.62
		20.0	65.3	5.94	78.4	7.66	91.5	9.36	98.0	10.19	111.1	11.84	124.1	13.45	137.2	15.03
		25.0	65.3	7.33	78.4	9.11	91.5	10.81	98.0	11.64	111.1	13.26	124.1	14.84	137.2	16.37
		30.0	65.3	10.32	78.4	12.31	91.5	14.27	98.0	15.23	111.1	17.14	124.1	19.02	137.2	20.87
		35.0	65.3	13.58	78.4	16.11	91.5	18.58	98.0	19.79	111.1	22.16	124.1	24.49	137.2	26.77
		40.0	65.3	16.53	78.4	19.52	91.5	22.41	98.0	23.83	111.1	26.60	124.1	29.31	137.2	31.97
43.0	65.3	18.35	78.4	21.62	91.5	24.78	98.0	26.32	111.1	29.35	124.1	32.31	137.2	35.22		
46.0	65.3	19.63	78.4	23.11	91.5	26.60	98.0	28.35	111.1	31.85	124.1	34.10	131.1	34.81		
52.0	40.3	13.82	43.9	13.97	48.1	14.23	50.4	14.39	55.5	14.76	61.2	15.18	67.4	15.63		

3. Part Load of Outdoor Unit

50HP (Cooling) U-10ME2E8+U-12ME2E8+U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	56.0	4.52	67.2	5.96	78.4	7.38	84.0	8.08	95.2	9.46	106.4	10.82	117.6	12.15
		-5.0	56.0	4.53	67.2	5.97	78.4	7.39	84.0	8.09	95.2	9.48	106.4	10.83	117.6	12.16
		0.0	56.0	4.54	67.2	5.99	78.4	7.41	84.0	8.11	95.2	9.49	106.4	10.85	117.6	12.18
		5.0	56.0	4.56	67.2	6.00	78.4	7.43	84.0	8.13	95.2	9.51	106.4	10.87	117.6	12.20
		10.0	56.0	4.58	67.2	6.03	78.4	7.45	84.0	8.15	95.2	9.54	106.4	10.90	117.6	12.23
		15.0	56.0	4.62	67.2	6.07	78.4	7.49	84.0	8.19	95.2	9.58	106.4	10.93	117.6	12.26
		20.0	56.0	4.68	67.2	6.13	78.4	7.56	84.0	8.26	95.2	9.66	106.4	11.04	117.6	12.39
		25.0	56.0	5.18	67.2	6.67	78.4	8.12	84.0	8.83	95.2	10.23	106.4	11.60	117.6	12.94
		30.0	56.0	8.11	67.2	9.54	78.4	10.89	84.0	11.55	95.2	12.82	106.4	14.03	117.6	15.18
		35.0	56.0	10.86	67.2	12.72	78.4	14.50	84.0	15.35	95.2	17.00	106.4	18.57	117.6	20.06
		40.0	56.0	13.38	67.2	15.64	78.4	17.78	84.0	18.81	95.2	20.79	106.4	22.67	117.6	24.47
		43.0	56.0	14.94	67.2	17.44	78.4	19.80	84.0	20.93	95.2	23.11	106.4	25.19	117.6	27.18
		46.0	56.0	16.16	67.2	18.72	78.4	21.22	84.0	22.44	95.2	24.85	106.4	27.20	117.6	29.49
		52.0	40.3	13.82	43.9	13.97	48.1	14.23	50.4	14.39	55.5	14.76	61.2	15.18	67.4	15.63

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	46.7	3.31	56.0	4.53	65.3	5.74	70.0	6.34	79.3	7.51	88.7	8.67	98.0	9.81
		-5.0	46.7	3.32	56.0	4.54	65.3	5.75	70.0	6.35	79.3	7.52	88.7	8.68	98.0	9.82
		0.0	46.7	3.33	56.0	4.55	65.3	5.76	70.0	6.36	79.3	7.53	88.7	8.69	98.0	9.83
		5.0	46.7	3.34	56.0	4.57	65.3	5.77	70.0	6.37	79.3	7.55	88.7	8.71	98.0	9.85
		10.0	46.7	3.36	56.0	4.58	65.3	5.79	70.0	6.39	79.3	7.57	88.7	8.73	98.0	9.87
		15.0	46.7	3.38	56.0	4.61	65.3	5.82	70.0	6.42	79.3	7.60	88.7	8.76	98.0	9.90
		20.0	46.7	3.43	56.0	4.66	65.3	5.87	70.0	6.47	79.3	7.65	88.7	8.80	98.0	9.93
		25.0	46.7	3.56	56.0	4.80	65.3	6.01	70.0	6.60	79.3	8.76	88.7	8.94	98.0	10.08
		30.0	46.7	6.16	56.0	7.04	65.3	7.63	70.0	8.02	79.3	8.91	88.7	9.87	98.0	10.87
		35.0	46.7	8.38	56.0	9.68	65.3	10.88	70.0	11.43	79.3	12.48	88.7	13.43	98.0	14.31
		40.0	46.7	10.48	56.0	12.11	65.3	13.61	70.0	14.31	79.3	15.62	88.7	16.83	98.0	17.94
		43.0	46.7	11.77	56.0	13.60	65.3	15.28	70.0	16.07	79.3	17.55	88.7	18.92	98.0	20.18
		46.0	46.7	13.06	56.0	14.87	65.3	16.58	70.0	17.39	79.3	18.95	88.7	20.43	98.0	21.81
		52.0	40.3	13.82	43.9	13.97	48.1	14.23	50.4	14.39	55.5	14.76	61.2	15.18	67.4	15.63

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	37.3	2.08	44.8	3.07	52.3	4.06	56.0	4.54	63.5	5.51	70.9	6.46	78.4	7.40
		-5.0	37.3	2.08	44.8	3.08	52.3	4.06	56.0	4.55	63.5	5.51	70.9	6.47	78.4	7.41
		0.0	37.3	2.09	44.8	3.09	52.3	4.07	56.0	4.56	63.5	5.52	70.9	6.48	78.4	7.42
		5.0	37.3	2.10	44.8	3.10	52.3	4.08	56.0	4.57	63.5	5.53	70.9	6.49	78.4	7.43
		10.0	37.3	2.11	44.8	3.11	52.3	4.10	56.0	4.59	63.5	5.55	70.9	6.51	78.4	7.45
		15.0	37.3	2.13	44.8	3.13	52.3	4.12	56.0	4.61	63.5	5.57	70.9	6.53	78.4	7.48
		20.0	37.3	2.17	44.8	3.17	52.3	4.15	56.0	4.64	63.5	5.60	70.9	6.56	78.4	7.52
		25.0	37.3	2.24	44.8	3.24	52.3	4.22	56.0	4.70	63.5	5.66	70.9	6.61	78.4	7.58
		30.0	37.3	3.15	44.8	3.78	52.3	4.58	56.0	5.01	63.5	5.90	70.9	6.89	78.4	7.97
		35.0	37.3	6.16	44.8	7.00	52.3	7.74	56.0	8.06	63.5	8.65	70.9	9.37	78.4	10.31
		40.0	37.3	7.83	44.8	8.93	52.3	9.89	56.0	10.32	63.5	11.11	70.9	11.79	78.4	12.37
		43.0	37.3	8.86	44.8	10.12	52.3	11.23	56.0	11.73	63.5	12.64	70.9	13.44	78.4	14.14
		46.0	37.3	10.30	44.8	11.51	52.3	12.61	56.0	13.11	63.5	14.05	70.9	14.88	78.4	15.62
		52.0	37.3	12.25	43.9	13.97	48.1	14.23	50.4	14.39	55.5	14.76	61.2	15.18	67.4	15.63

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	28.0	0.82	33.6	1.58	39.2	2.34	42.0	2.72	47.6	3.47	53.2	4.21	58.8	4.93
		-5.0	28.0	0.82	33.6	1.58	39.2	2.35	42.0	2.73	47.6	3.48	53.2	4.22	58.8	4.94
		0.0	28.0	0.83	33.6	1.59	39.2	2.35	42.0	2.73	47.6	3.49	53.2	4.23	58.8	4.96
		5.0	28.0	0.84	33.6	1.60	39.2	2.36	42.0	2.74	47.6	3.50	53.2	4.25	58.8	4.98
		10.0	28.0	0.85	33.6	1.61	39.2	2.37	42.0	2.76	47.6	3.52	53.2	4.27	58.8	5.00
		15.0	28.0	0.86	33.6	1.62	39.2	2.39	42.0	2.78	47.6	3.54	53.2	4.29	58.8	5.03
		20.0	28.0	0.88	33.6	1.65	39.2	2.42	42.0	2.81	47.6	3.58	53.2	4.33	58.8	5.06
		25.0	28.0	0.93	33.6	1.69	39.2	2.47	42.0	2.86	47.6	3.63	53.2	4.41	58.8	5.19
		30.0	28.0	1.07	33.6	1.79	39.2	2.57	42.0	3.02	47.6	3.94	53.2	4.84	58.8	5.71
		35.0	28.0	4.21	33.6	4.69	39.2	5.26	42.0	5.63	47.6	6.37	53.2	7.10	58.8	7.81
		40.0	28.0	5.44	33.6	6.10	39.2	6.65	42.0	6.88	47.6	7.27	53.2	7.58	58.8	7.81
		43.0	28.0	6.21	33.6	6.99	39.2	7.64	42.0	7.93	47.6	8.41	53.2	8.78	58.8	9.07
		46.0	28.0	7.87	33.6	8.61	39.2	9.24	42.0	9.52	47.6	10.01	53.2	10.40	58.8	10.72
		52.0	28.0	9.26	33.6	10.23	39.2	11.07	42.0	11.45	47.6	11.82	53.2	12.01	58.8	12.09

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-44. 50HP (Heating) U-10ME2E8+U-12ME2E8+U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	100%	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
		-24.9	-25.0	112.7	38.33	109.8	37.64	104.0	36.20	101.0	35.42	91.8	32.94	85.4	31.12	68.7	26.03
		-19.8	-20.0	118.3	39.19	115.3	38.48	109.3	36.97	106.1	36.17	96.6	33.60	89.9	31.73	72.4	26.47
		-14.7	-15.0	126.3	40.49	123.1	39.73	116.7	38.13	113.4	37.29	103.2	34.58	96.2	32.62	77.5	27.12
		-9.6	-10.0	137.0	42.50	133.7	41.63	126.7	39.71	123.2	38.67	112.2	35.97	104.6	33.87	84.3	28.02
		-4.4	-5.0	151.0	44.46	147.3	43.64	139.7	41.88	135.8	40.92	123.7	37.83	115.3	35.56	92.9	29.25
		-1.8	-2.5	159.4	45.26	155.4	44.39	147.4	42.55	143.2	41.57	130.4	38.40	121.5	36.09	97.6	29.52
		0.8	0.0	168.6	45.96	164.4	45.07	155.9	43.14	151.5	42.11	137.8	38.73	126.3	35.46	97.6	27.49
		2.8	2.0	178.0	46.38	172.2	44.80	160.7	41.70	155.0	40.17	137.8	35.65	126.3	32.69	97.6	25.45
		6.0	5.0	178.0	40.22	172.2	38.90	160.7	36.30	155.0	35.01	137.8	31.19	126.3	28.64	97.6	22.46
		7.0	6.0	178.0	38.22	172.2	36.99	160.7	34.55	155.0	33.30	137.8	29.71	126.3	27.34	97.6	21.52
		8.6	7.5	178.0	35.26	172.2	34.15	160.7	31.94	155.0	30.85	137.8	27.60	126.3	25.46	97.6	20.15
		11.2	10.0	178.0	30.66	172.2	29.75	160.7	27.94	155.0	27.04	137.8	24.34	126.3	22.54	97.6	18.02
		16.4	15.0	178.0	22.62	172.2	22.05	160.7	20.88	155.0	20.29	137.8	18.47	126.3	17.22	97.6	13.96
		24.0	18.0	178.0	19.70	172.2	19.13	160.7	17.98	155.0	17.40	137.8	15.67	126.3	14.52	97.6	11.64

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	90%	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
		-24.9	-25.0	112.7	38.33	109.8	37.64	104.0	36.20	101.0	35.42	91.8	32.94	85.4	31.12	68.7	26.03
		-19.8	-20.0	118.3	39.19	115.3	38.48	109.3	36.97	106.1	36.17	96.6	33.60	89.9	31.73	72.4	26.47
		-14.7	-15.0	126.3	40.49	123.1	39.73	116.7	38.13	113.4	37.29	103.2	34.58	96.2	32.62	77.5	27.12
		-9.6	-10.0	137.0	42.50	133.7	41.63	126.7	39.71	123.2	38.67	112.2	35.97	104.6	33.87	84.3	28.02
		-4.4	-5.0	151.0	44.46	147.3	43.64	139.7	41.88	135.8	40.92	123.7	37.83	113.7	33.18	87.8	26.31
		-1.8	-2.5	159.4	45.26	155.0	44.39	144.7	38.35	139.5	37.13	124.0	33.44	113.7	30.95	87.8	24.65
		0.8	0.0	160.2	38.52	155.0	37.45	144.7	35.27	139.5	34.18	124.0	30.87	113.7	28.63	87.8	22.91
		2.8	2.0	160.2	35.04	155.0	34.09	144.7	32.19	139.5	31.22	124.0	28.29	113.7	26.33	87.8	21.36
		6.0	5.0	160.2	30.32	155.0	29.64	144.7	28.24	139.5	27.51	124.0	25.20	113.7	23.49	87.8	18.96
		7.0	6.0	160.2	29.56	155.0	28.79	144.7	27.22	139.5	26.43	124.0	24.03	113.7	22.39	87.8	18.15
		8.6	7.5	160.2	27.12	155.0	26.45	144.7	25.08	139.5	24.38	124.0	22.25	113.7	20.79	87.8	16.98
		11.2	10.0	160.2	23.29	155.0	22.78	144.7	21.72	139.5	21.18	124.0	19.49	113.7	18.30	87.8	15.14
		16.4	15.0	160.2	17.92	155.0	17.40	144.7	16.36	139.5	15.85	124.0	14.50	113.7	13.74	87.8	11.57
		24.0	18.0	160.2	17.92	155.0	17.40	144.7	16.36	139.5	15.85	124.0	14.29	113.7	13.25	87.8	10.66

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	80%	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
		-24.9	-25.0	112.7	38.33	109.8	37.64	104.0	36.20	101.0	35.42	91.8	32.94	85.4	31.12	68.7	26.03
		-19.8	-20.0	118.3	39.19	115.3	38.48	109.3	36.97	106.1	36.17	96.6	33.60	89.9	31.73	72.4	26.47
		-14.7	-15.0	126.3	40.49	123.1	39.73	116.7	38.13	113.4	37.29	103.2	34.58	96.2	32.62	77.5	27.12
		-9.6	-10.0	137.0	42.50	133.7	41.63	126.7	39.71	123.2	38.67	110.2	32.35	101.0	30.18	78.1	24.42
		-4.4	-5.0	142.4	34.50	137.8	33.70	128.6	32.07	124.0	31.23	110.2	28.61	101.0	26.77	78.1	21.88
		-1.8	-2.5	142.4	31.78	137.8	31.09	128.6	29.66	124.0	28.91	110.2	26.57	101.0	24.92	78.1	20.59
		0.8	0.0	142.4	28.86	137.8	28.33	128.6	27.20	124.0	26.60	110.2	24.66	101.0	23.23	78.1	19.27
		2.8	2.0	142.4	26.57	137.8	26.11	128.6	25.11	124.0	24.58	110.2	22.84	101.0	21.56	78.1	17.95
		6.0	5.0	142.4	23.33	137.8	22.96	128.6	22.15	124.0	21.71	110.2	20.23	101.0	19.11	78.1	15.90
		7.0	6.0	142.4	22.53	137.8	22.11	128.6	21.21	124.0	20.75	110.2	19.25	101.0	18.18	78.1	15.21
		8.6	7.5	142.4	20.51	137.8	20.17	128.6	19.43	124.0	19.04	110.2	17.77	101.0	16.84	78.1	14.21
		11.2	10.0	142.4	17.41	137.8	17.18	128.6	16.67	124.0	16.39	110.2	15.45	101.0	14.74	78.1	12.64
		16.4	15.0	142.4	16.13	137.8	15.67	128.6	14.75	124.0	14.29	110.2	12.91	101.0	11.99	78.1	9.68
		24.0	18.0	142.4	16.13	137.8	15.67	128.6	14.75	124.0	14.29	110.2	12.91	101.0	11.99	78.1	9.68

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	70%	-24.9	-25.0	112.7	38.33	109.8	37.64	104.0	36.20	101.0	35.42	91.8	32.94	85.4	31.12	68.3	26.03
		-19.8	-20.0	118.3	39.19	115.3	38.48	109.3	36.97	106.1	36.17	96.4	33.60	88.4	28.23	68.3	22.98
		-14.7	-15.0	124.6	33.49	120.6	32.83	112.5	31.45	108.5	30.73	96.4	28.41	88.4	26.74	68.3	21.99
		-9.6	-10.0	124.6	30.01	120.6	29.47	112.5	28.32	108.5	27.71	96.4	25.73	88.4	24.29	68.3	20.35
		-4.4	-5.0	124.6	26.22	120.6	25.85	112.5	25.00	108.5	24.55	96.4	22.99	88.4	21.80	68.3	18.36
		-1.8	-2.5	124.6	24.37	120.6	24.04	112.5	23.30	108.5	22.89	96.4	21.49	88.4	20.42	68.3	17.27
		0.8	0.0	124.6	22.42	120.6	22.14	112.5	21.51	108.5	21.15	96.4	19.92	88.4	18.97	68.3	16.12
		2.8	2.0	124.6	20.50	120.6	20.28	112.5	19.74	108.5	19.44	96.4	18.38	88.4	17.54	68.3	14.99
		6.0	5.0	124.6	17.74	120.6	17.59	112.5	17.20	108.5	16.97	96.4	16.11	88.4	15.40	68.3	13.17
		7.0	6.0	124.6	16.90	120.6	16.72	112.5	16.32	108.5	16.09	96.4	15.27	88.4	14.63	68.3	12.66
		8.6	7.5	124.6	15.29	120.6	15.17	112.5	14.87	108.5	14.69	96.4	14.05	88.4	13.52	68.3	11.81
		11.2	10.0	124.6	14.35	120.6	13.94	112.5	13.14	108.5	12.74	96.4	12.16	88.4	11.79	68.3	10.48
		16.4	15.0	124.6	14.35	120.6	13.94	112.5	13.14	108.5	12.74	96.4	11.53	88.4	10.72	68.3	8.70
24.0	18.0	124.6	14.35	120.6	13.94	112.5	13.14	108.5	12.74	96.4	11.53	88.4	10.72	68.3	8.70		

3. Part Load of Outdoor Unit

50HP (Heating) U-10ME2E8+U-12ME2E8+U-12ME2E8+U-6ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-24.9	-25.0	106.8	29.51	103.3	29.05	96.4	28.05	93.0	27.50	82.7	25.65	75.8	24.18	58.6	19.88
		-19.8	-20.0	106.8	27.73	103.3	27.32	96.4	26.42	93.0	25.93	82.7	24.36	75.8	23.15	58.6	19.30
		-14.7	-15.0	106.8	25.66	103.3	25.34	96.4	24.61	93.0	24.20	82.7	22.78	75.8	21.68	58.6	18.40
		-9.6	-10.0	106.8	23.27	103.3	23.01	96.4	22.41	93.0	22.06	82.7	20.85	75.8	19.88	58.6	16.97
		-4.4	-5.0	106.8	20.46	103.3	20.27	96.4	19.80	93.0	19.53	82.7	18.55	75.8	17.75	58.6	15.28
		-1.8	-2.5	106.8	18.91	103.3	18.76	96.4	18.37	93.0	18.14	82.7	17.28	75.8	16.58	58.6	14.35
		0.8	0.0	106.8	17.29	103.3	17.17	96.4	16.88	93.0	16.69	82.7	15.98	75.8	15.37	58.6	13.38
		2.8	2.0	106.8	15.68	103.3	15.61	96.4	15.41	93.0	15.27	82.7	14.68	75.8	14.17	58.6	12.42
		6.0	5.0	106.8	13.39	103.3	13.35	96.4	13.20	93.0	13.10	82.7	12.68	75.8	12.29	58.6	10.82
		7.0	6.0	106.8	12.56	103.3	12.51	96.4	12.41	93.0	12.34	82.7	11.99	75.8	11.66	58.6	10.43
		8.6	7.5	106.8	12.56	103.3	12.22	96.4	11.53	93.0	11.25	82.7	11.02	75.8	10.76	58.6	9.74
		11.2	10.0	106.8	12.56	103.3	12.22	96.4	11.53	93.0	11.18	82.7	10.14	75.8	9.45	58.6	8.64
		16.4	15.0	106.8	12.56	103.3	12.22	96.4	11.53	93.0	11.18	82.7	10.14	75.8	9.45	58.6	7.72
		24.0	18.0	106.8	12.56	103.3	12.22	96.4	11.53	93.0	11.18	82.7	10.14	75.8	9.45	58.6	7.72
100%	50%	-24.9	-25.0	89.0	22.90	86.1	22.65	80.4	22.08	77.5	21.75	68.9	20.59	63.1	19.66	48.8	16.43
		-19.8	-20.0	89.0	21.67	86.1	21.46	80.4	20.95	77.5	20.65	68.9	19.59	63.1	18.74	48.8	16.06
		-14.7	-15.0	89.0	20.07	86.1	19.90	80.4	19.47	77.5	19.22	68.9	18.29	63.1	17.53	48.8	15.13
		-9.6	-10.0	89.0	18.10	86.1	17.97	80.4	17.65	77.5	17.45	68.9	16.68	63.1	16.04	48.8	13.94
		-4.4	-5.0	89.0	15.80	86.1	15.73	80.4	15.51	77.5	15.37	68.9	14.79	63.1	14.28	48.8	12.54
		-1.8	-2.5	89.0	14.53	86.1	14.49	80.4	14.34	77.5	14.23	68.9	13.76	63.1	13.31	48.8	11.77
		0.8	0.0	89.0	13.21	86.1	13.20	80.4	13.13	77.5	13.05	68.9	12.69	63.1	12.32	48.8	10.97
		2.8	2.0	89.0	11.92	86.1	11.94	80.4	11.93	77.5	11.88	68.9	11.58	63.1	11.28	48.8	10.12
		6.0	5.0	89.0	10.78	86.1	10.49	80.4	9.97	77.5	9.97	68.9	9.86	63.1	9.69	48.8	8.82
		7.0	6.0	89.0	10.78	86.1	10.49	80.4	9.91	77.5	9.62	68.9	9.33	63.1	9.20	48.8	8.50
		8.6	7.5	89.0	10.78	86.1	10.49	80.4	9.91	77.5	9.62	68.9	8.76	63.1	8.49	48.8	7.94
		11.2	10.0	89.0	10.78	86.1	10.49	80.4	9.91	77.5	9.62	68.9	8.76	63.1	8.19	48.8	7.07
		16.4	15.0	89.0	10.78	86.1	10.49	80.4	9.91	77.5	9.62	68.9	8.76	63.1	8.19	48.8	6.75
		24.0	18.0	89.0	10.78	86.1	10.49	80.4	9.91	77.5	9.62	68.9	8.76	63.1	8.19	48.8	6.75
100%	40%	-24.9	-25.0	71.2	17.61	68.9	17.48	64.3	17.14	62.0	16.93	55.1	16.17	50.5	15.54	39.0	13.40
		-19.8	-20.0	71.2	16.63	68.9	16.53	64.3	16.24	62.0	16.07	55.1	15.38	50.5	14.80	39.0	12.91
		-14.7	-15.0	71.2	15.36	68.9	15.28	64.3	15.07	62.0	14.92	55.1	14.34	50.5	13.83	39.0	12.14
		-9.6	-10.0	71.2	13.81	68.9	13.77	64.3	13.62	62.0	13.52	55.1	13.06	50.5	12.65	39.0	11.19
		-4.4	-5.0	71.2	12.00	68.9	12.00	64.3	11.94	62.0	11.88	55.1	11.56	50.5	11.25	39.0	10.07
		-1.8	-2.5	71.2	11.00	68.9	11.02	64.3	11.02	62.0	10.98	55.1	10.75	50.5	10.48	39.0	9.43
		0.8	0.0	71.2	9.89	68.9	9.93	64.3	9.96	62.0	9.95	55.1	9.80	50.5	9.60	39.0	8.75
		2.8	2.0	71.2	8.99	68.9	8.81	64.3	8.89	62.0	8.91	55.1	8.86	50.5	8.74	39.0	8.07
		6.0	5.0	71.2	8.99	68.9	8.76	64.3	8.30	62.0	8.07	55.1	7.57	50.5	7.53	39.0	7.10
		7.0	6.0	71.2	8.99	68.9	8.76	64.3	8.30	62.0	8.07	55.1	7.38	50.5	7.17	39.0	6.83
		8.6	7.5	71.2	8.99	68.9	8.76	64.3	8.30	62.0	8.07	55.1	7.38	50.5	6.92	39.0	6.40
		11.2	10.0	71.2	8.99	68.9	8.76	64.3	8.30	62.0	8.07	55.1	7.38	50.5	6.92	39.0	5.77
		16.4	15.0	71.2	8.99	68.9	8.76	64.3	8.30	62.0	8.07	55.1	7.38	50.5	6.92	39.0	5.77
		24.0	18.0	71.2	8.99	68.9	8.76	64.3	8.30	62.0	8.07	55.1	7.38	50.5	6.92	39.0	5.77
100%	30%	-24.9	-25.0	53.4	13.00	51.7	12.94	48.2	12.76	46.5	12.65	41.3	12.17	37.9	11.76	29.3	10.35
		-19.8	-20.0	53.4	12.27	51.7	12.23	48.2	12.09	46.5	11.99	41.3	11.58	37.9	11.21	29.3	9.93
		-14.7	-15.0	53.4	11.33	51.7	11.31	48.2	11.21	46.5	11.14	41.3	10.80	37.9	10.49	29.3	9.35
		-9.6	-10.0	53.4	10.18	51.7	10.18	48.2	10.13	46.5	10.08	41.3	9.83	37.9	9.57	29.3	8.62
		-4.4	-5.0	53.4	8.68	51.7	8.72	48.2	8.75	46.5	8.75	41.3	8.62	37.9	8.46	29.3	7.73
		-1.8	-2.5	53.4	7.88	51.7	7.93	48.2	8.01	46.5	8.02	41.3	7.97	37.9	7.85	29.3	7.25
		0.8	0.0	53.4	7.21	51.7	7.13	48.2	7.24	46.5	7.27	41.3	7.29	37.9	7.22	29.3	6.75
		2.8	2.0	53.4	7.21	51.7	7.03	48.2	6.69	46.5	6.55	41.3	6.62	37.9	6.60	29.3	6.26
		6.0	5.0	53.4	7.21	51.7	7.03	48.2	6.69	46.5	6.51	41.3	6.00	37.9	5.75	29.3	5.58
		7.0	6.0	53.4	7.21	51.7	7.03	48.2	6.69	46.5	6.51	41.3	6.00	37.9	5.65	29.3	5.36
		8.6	7.5	53.4	7.21	51.7	7.03	48.2	6.69	46.5	6.51	41.3	6.00	37.9	5.65	29.3	5.05
		11.2	10.0	53.4	7.21	51.7	7.03	48.2	6.69	46.5	6.51	41.3	6.00	37.9	5.65	29.3	4.79
		16.4	15.0	53.4	7.21	51.7	7.03	48.2	6.69	46.5	6.51	41.3	6.00	37.9	5.65	29.3	4.79
		24.0	18.0	53.4	7.21	51.7	7.03	48.2	6.69	46.5	6.51	41.3	6.00	37.9	5.65	29.3	4.79

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-45. 52HP (Cooling) U-12ME2E8+U-12ME2E8+U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	96.7	10.43	116.0	12.51	135.3	14.60	145.0	15.64	164.3	17.73	183.7	19.81	203.0	21.89
		-5.0	96.7	10.44	116.0	12.53	135.3	14.62	145.0	15.66	164.3	17.75	183.7	19.83	203.0	21.91
		0.0	96.7	10.47	116.0	12.56	135.3	14.65	145.0	15.69	164.3	17.77	183.7	19.88	203.0	21.98
		5.0	96.7	10.50	116.0	12.59	135.3	14.68	145.0	15.74	164.3	17.88	183.7	20.05	203.0	22.18
		10.0	96.7	10.53	116.0	12.67	135.3	14.86	145.0	15.97	164.3	18.22	183.7	20.49	203.0	22.68
		15.0	96.7	10.78	116.0	13.12	135.3	15.51	145.0	16.72	164.3	19.17	183.7	21.63	203.0	23.90
		20.0	96.7	12.19	116.0	14.93	135.3	18.02	145.0	19.69	164.3	23.28	183.7	27.22	203.0	31.50
		25.0	96.7	15.61	116.0	19.23	135.3	23.20	145.0	25.32	164.3	29.83	183.7	34.70	203.0	39.93
		30.0	96.7	19.50	116.0	24.00	135.3	28.87	145.0	31.45	164.3	36.89	183.7	42.73	203.0	48.96
		35.0	96.7	23.69	116.0	29.12	135.3	34.95	145.0	38.03	164.3	44.50	183.7	51.39	194.2	53.19
		40.0	96.7	28.20	116.0	34.64	135.3	41.52	145.0	45.13	164.3	52.71	172.1	53.19	179.4	53.19
		43.0	96.7	31.07	116.0	38.15	135.3	45.71	145.0	49.68	157.0	53.19	164.5	53.20	168.0	50.50
		46.0	95.7	33.76	114.8	41.47	122.0	42.18	123.3	41.06	126.6	39.18	130.8	37.70	135.8	36.54
		52.0	41.7	14.57	45.4	14.72	49.8	15.00	52.2	15.17	57.5	15.56	63.4	16.00	69.8	16.46

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	87.0	8.40	104.4	10.55	121.8	12.64	130.5	13.67	147.9	15.69	165.3	17.66	182.7	19.59
		-5.0	87.0	8.42	104.4	10.57	121.8	12.66	130.5	13.69	147.9	15.71	165.3	17.68	182.7	19.61
		0.0	87.0	8.44	104.4	10.59	121.8	12.69	130.5	13.72	147.9	15.74	165.3	17.70	182.7	19.64
		5.0	87.0	8.47	104.4	10.62	121.8	12.72	130.5	13.74	147.9	15.77	165.3	17.77	182.7	19.74
		10.0	87.0	8.51	104.4	10.66	121.8	12.79	130.5	13.84	147.9	15.93	165.3	17.99	182.7	20.02
		15.0	87.0	8.62	104.4	10.89	121.8	13.14	130.5	14.26	147.9	16.46	165.3	18.62	182.7	20.74
		20.0	87.0	9.48	104.4	12.04	121.8	14.53	130.5	15.74	147.9	18.11	165.3	20.77	182.7	23.61
		25.0	87.0	12.68	104.4	15.63	121.8	18.68	130.5	20.25	147.9	23.45	165.3	26.75	182.7	30.13
		30.0	87.0	16.29	104.4	19.85	121.8	23.50	130.5	25.34	147.9	29.09	165.3	32.92	182.7	36.84
		35.0	87.0	20.79	104.4	25.12	121.8	29.49	130.5	31.70	147.9	36.18	165.3	40.78	182.7	45.55
		40.0	87.0	24.78	104.4	29.74	121.8	34.75	130.5	37.28	147.9	42.46	165.3	47.86	179.4	53.19
		43.0	87.0	27.24	104.4	32.60	121.8	38.03	130.5	40.79	147.9	46.47	164.5	53.20	168.0	50.50
		46.0	87.0	29.15	104.4	35.32	121.8	41.79	123.3	41.06	126.6	39.18	130.8	37.70	135.8	36.54
		52.0	41.7	14.57	45.4	14.72	49.8	15.00	52.2	15.17	57.5	15.56	63.4	16.00	69.8	16.46

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	77.3	7.20	92.8	9.14	108.3	11.04	116.0	11.97	131.5	14.23	146.9	15.61	162.4	17.37
		-5.0	77.3	7.21	92.8	9.16	108.3	11.06	116.0	11.99	131.5	14.24	146.9	15.63	162.4	17.40
		0.0	77.3	7.23	92.8	9.18	108.3	11.08	116.0	12.01	131.5	14.27	146.9	15.66	162.4	17.42
		5.0	77.3	7.25	92.8	9.20	108.3	11.11	116.0	12.04	131.5	14.30	146.9	15.68	162.4	17.45
		10.0	77.3	7.29	92.8	9.24	108.3	11.14	116.0	12.08	131.5	14.34	146.9	15.76	162.4	17.56
		15.0	77.3	7.34	92.8	9.32	108.3	11.28	116.0	12.25	131.5	14.56	146.9	16.06	162.4	17.92
		20.0	77.3	7.73	92.8	9.88	108.3	11.98	116.0	13.01	131.5	15.37	146.9	17.00	162.4	18.91
		25.0	77.3	10.33	92.8	12.55	108.3	14.82	116.0	15.97	131.5	18.48	146.9	20.66	162.4	23.04
		30.0	77.3	13.48	92.8	16.25	108.3	19.04	116.0	20.44	131.5	23.44	146.9	26.06	162.4	28.88
		35.0	77.3	17.43	92.8	20.87	108.3	24.29	116.0	25.99	131.5	28.76	146.9	32.77	162.4	36.18
		40.0	77.3	20.97	92.8	24.96	108.3	28.90	116.0	30.86	131.5	34.47	146.9	38.69	162.4	42.66
		43.0	77.3	23.15	92.8	27.48	108.3	31.76	116.0	33.89	131.5	38.15	146.9	42.45	162.4	46.86
		46.0	77.3	24.68	92.8	29.49	108.3	34.42	116.0	36.93	126.6	39.18	130.8	37.70	135.8	36.54
		52.0	41.7	14.57	45.4	14.72	49.8	15.00	52.2	15.17	57.5	15.56	63.4	16.00	69.8	16.46

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	67.7	5.97	81.2	7.70	94.7	9.40	101.5	10.24	115.0	11.88	128.6	13.94	142.1	15.09
		-5.0	67.7	5.98	81.2	7.72	94.7	9.41	101.5	10.25	115.0	11.90	128.6	13.95	142.1	15.10
		0.0	67.7	6.00	81.2	7.73	94.7	9.43	101.5	10.27	115.0	11.92	128.6	13.97	142.1	15.12
		5.0	67.7	6.02	81.2	7.75	94.7	9.46	101.5	10.29	115.0	11.95	128.6	14.00	142.1	15.15
		10.0	67.7	6.05	81.2	7.79	94.7	9.49	101.5	10.33	115.0	11.98	128.6	14.02	142.1	15.18
		15.0	67.7	6.10	81.2	7.83	94.7	9.53	101.5	10.38	115.0	12.05	128.6	14.12	142.1	15.31
		20.0	67.7	6.22	81.2	8.03	94.7	9.82	101.5	10.70	115.0	12.43	128.6	14.51	142.1	15.77
		25.0	67.7	7.75	81.2	9.62	94.7	11.41	101.5	12.28	115.0	13.98	128.6	15.92	142.1	17.23
		30.0	67.7	10.91	81.2	12.99	94.7	15.04	101.5	16.05	115.0	18.05	128.6	20.17	142.1	21.95
		35.0	67.7	14.33	81.2	16.97	94.7	19.55	101.5	20.82	115.0	23.31	128.6	25.04	142.1	28.13
		40.0	67.7	17.42	81.2	20.54	94.7	23.57	101.5	25.05	115.0	27.95	128.6	30.23	142.1	33.57
		43.0	67.7	19.32	81.2	22.74	94.7	26.04	101.5	27.66	115.0	30.83	128.6	33.57	142.1	36.98
		46.0	67.7	20.65	81.2	24.30	94.7	27.95	101.5	29.78	115.0	33.45	128.6	35.80	135.8	36.54
		52.0	41.7	14.57	45.4	14.72	49.8	15.00	52.2	15.17	57.5	15.56	63.4	16.00	69.8	16.46

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

52HP (Cooling) U-12ME2E8+U-12ME2E8+U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	58.0	4.72	69.6	6.24	81.2	7.72	87.0	8.45	98.6	9.90	110.2	11.32	121.8	12.72
		-5.0	58.0	4.73	69.6	6.25	81.2	7.73	87.0	8.47	98.6	9.91	110.2	11.33	121.8	12.73
		0.0	58.0	4.75	69.6	6.26	81.2	7.75	87.0	8.48	98.6	9.93	110.2	11.35	121.8	12.75
		5.0	58.0	4.76	69.6	6.28	81.2	7.77	87.0	8.50	98.6	9.95	110.2	11.37	121.8	12.77
		10.0	58.0	4.79	69.6	6.30	81.2	7.79	87.0	8.53	98.6	9.98	110.2	11.40	121.8	12.80
		15.0	58.0	4.82	69.6	6.34	81.2	7.84	87.0	8.57	98.6	10.02	110.2	11.43	121.8	12.83
		20.0	58.0	4.88	69.6	6.40	81.2	7.91	87.0	8.65	98.6	10.12	110.2	11.56	121.8	12.98
		25.0	58.0	5.46	69.6	7.02	81.2	8.55	87.0	9.29	98.6	10.76	110.2	12.20	121.8	13.60
		30.0	58.0	8.61	69.6	10.09	81.2	11.51	87.0	12.20	98.6	13.52	110.2	14.79	121.8	16.00
		35.0	58.0	11.48	69.6	13.43	81.2	15.29	87.0	16.18	98.6	17.90	110.2	19.54	121.8	21.11
		40.0	58.0	14.12	69.6	16.48	81.2	18.72	87.0	19.80	98.6	21.87	110.2	23.84	121.8	25.72
		43.0	58.0	15.75	69.6	18.36	81.2	20.83	87.0	22.02	98.6	24.30	110.2	26.48	121.8	28.55
		46.0	58.0	17.02	69.6	19.70	81.2	22.32	87.0	23.60	98.6	26.12	110.2	28.57	121.8	30.98
		52.0	41.7	14.57	45.4	14.72	49.8	15.00	52.2	15.17	57.5	15.56	63.4	16.00	69.8	16.46

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	48.3	3.46	58.0	4.74	67.7	6.00	72.5	6.63	82.2	7.86	91.8	9.07	101.5	10.26
		-5.0	48.3	3.46	58.0	4.75	67.7	6.01	72.5	6.63	82.2	7.87	91.8	9.08	101.5	10.27
		0.0	48.3	3.47	58.0	4.76	67.7	6.02	72.5	6.65	82.2	7.88	91.8	9.09	101.5	10.29
		5.0	48.3	3.49	58.0	4.77	67.7	6.04	72.5	6.66	82.2	7.90	91.8	9.11	101.5	10.30
		10.0	48.3	3.50	58.0	4.79	67.7	6.06	72.5	6.68	82.2	7.92	91.8	9.13	101.5	10.32
		15.0	48.3	3.53	58.0	4.82	67.7	6.09	72.5	6.71	82.2	7.95	91.8	9.16	101.5	10.36
		20.0	48.3	3.59	58.0	4.87	67.7	6.14	72.5	6.77	82.2	8.00	91.8	9.20	101.5	10.39
		25.0	48.3	3.73	58.0	5.02	67.7	6.29	72.5	6.92	82.2	8.16	91.8	9.37	101.5	10.56
		30.0	48.3	6.56	58.0	7.47	67.7	8.08	72.5	8.48	82.2	9.40	91.8	10.40	101.5	11.44
		35.0	48.3	8.89	58.0	10.25	67.7	11.50	72.5	12.08	82.2	13.18	91.8	14.17	101.5	15.09
		40.0	48.3	11.08	58.0	12.79	67.7	14.35	72.5	15.09	82.2	16.47	91.8	17.73	101.5	18.89
		43.0	48.3	12.44	58.0	14.35	67.7	16.11	72.5	16.93	82.2	18.48	91.8	19.91	101.5	21.23
		46.0	48.3	13.77	58.0	15.67	67.7	17.46	72.5	18.31	82.2	19.95	91.8	21.49	101.5	22.94
		52.0	41.7	14.57	45.4	14.72	49.8	15.00	52.2	15.17	57.5	15.56	63.4	16.00	69.8	16.46

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	38.7	2.16	46.4	3.21	54.1	4.24	58.0	4.75	65.7	5.76	73.5	6.75	81.2	7.74
		-5.0	38.7	2.17	46.4	3.21	54.1	4.25	58.0	4.76	65.7	5.76	73.5	6.76	81.2	7.75
		0.0	38.7	2.18	46.4	3.22	54.1	4.25	58.0	4.76	65.7	5.77	73.5	6.77	81.2	7.76
		5.0	38.7	2.19	46.4	3.23	54.1	4.27	58.0	4.78	65.7	5.79	73.5	6.79	81.2	7.78
		10.0	38.7	2.20	46.4	3.25	54.1	4.28	58.0	4.79	65.7	5.80	73.5	6.80	81.2	7.80
		15.0	38.7	2.22	46.4	3.27	54.1	4.30	58.0	4.81	65.7	5.82	73.5	6.83	81.2	7.82
		20.0	38.7	2.26	46.4	3.31	54.1	4.34	58.0	4.85	65.7	5.86	73.5	6.86	81.2	7.86
		25.0	38.7	2.34	46.4	3.38	54.1	4.40	58.0	4.91	65.7	5.91	73.5	6.91	81.2	7.93
		30.0	38.7	3.36	46.4	4.00	54.1	4.83	58.0	5.27	65.7	6.19	73.5	7.23	81.2	8.37
		35.0	38.7	6.57	46.4	7.45	54.1	8.21	58.0	8.56	65.7	9.17	73.5	9.93	81.2	10.90
		40.0	38.7	8.31	46.4	9.46	54.1	10.47	58.0	10.92	65.7	11.74	73.5	12.45	81.2	13.06
		43.0	38.7	9.39	46.4	10.70	54.1	11.86	58.0	12.39	65.7	13.35	73.5	14.19	81.2	14.91
		46.0	38.7	10.89	46.4	12.15	54.1	13.30	58.0	13.83	65.7	14.81	73.5	15.68	81.2	16.46
		52.0	38.7	12.92	45.4	14.72	49.8	15.00	52.2	15.17	57.5	15.56	63.4	16.00	69.8	16.46

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	29.0	0.85	34.8	1.65	40.6	2.44	43.5	2.84	49.3	3.62	55.1	4.40	60.9	5.16
		-5.0	29.0	0.85	34.8	1.65	40.6	2.45	43.5	2.84	49.3	3.63	55.1	4.41	60.9	5.17
		0.0	29.0	0.86	34.8	1.66	40.6	2.45	43.5	2.85	49.3	3.64	55.1	4.42	60.9	5.18
		5.0	29.0	0.87	34.8	1.66	40.6	2.46	43.5	2.86	49.3	3.66	55.1	4.44	60.9	5.20
		10.0	29.0	0.88	34.8	1.67	40.6	2.48	43.5	2.88	49.3	3.68	55.1	4.46	60.9	5.22
		15.0	29.0	0.89	34.8	1.69	40.6	2.49	43.5	2.90	49.3	3.70	55.1	4.49	60.9	5.26
		20.0	29.0	0.92	34.8	1.71	40.6	2.52	43.5	2.93	49.3	3.74	55.1	4.53	60.9	5.29
		25.0	29.0	0.97	34.8	1.76	40.6	2.57	43.5	2.99	49.3	3.79	55.1	4.61	60.9	5.45
		30.0	29.0	1.12	34.8	1.86	40.6	2.69	43.5	3.17	49.3	4.15	55.1	5.11	60.9	6.03
		35.0	29.0	4.52	34.8	5.03	40.6	5.63	43.5	6.02	49.3	6.79	55.1	7.55	60.9	8.29
		40.0	29.0	5.81	34.8	6.51	40.6	7.08	43.5	7.32	49.3	7.73	55.1	8.05	60.9	8.29
		43.0	29.0	6.62	34.8	7.44	40.6	8.12	43.5	8.41	49.3	8.92	55.1	9.31	60.9	9.62
		46.0	29.0	8.34	34.8	9.11	40.6	9.78	43.5	10.07	49.3	10.58	55.1	10.99	60.9	11.32
		52.0	29.0	9.80	34.8	10.81	40.6	11.69	43.5	12.08	49.3	12.47	55.1	12.68	60.9	12.76

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-46. 52HP (Heating) U-12ME2E8+U-12ME2E8+U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	100%	-24.9	-25.0	115.1	38.99	112.1	38.28	106.1	36.78	103.0	36.00	93.5	33.45	87.0	31.60	69.8	26.39
		-19.8	-20.0	120.9	39.89	117.8	39.16	111.5	37.61	108.3	36.78	98.4	34.14	91.5	32.23	73.5	26.84
		-14.7	-15.0	129.1	41.27	125.8	40.49	119.2	38.84	115.8	37.98	105.2	35.18	98.0	33.17	78.8	27.53
		-9.6	-10.0	140.2	43.36	136.6	42.52	129.5	40.70	125.8	39.72	114.4	36.42	106.5	34.45	85.7	28.45
		-4.4	-5.0	154.5	45.06	150.6	44.23	142.7	42.45	138.6	41.49	126.1	38.37	117.4	36.09	94.3	29.69
		-1.8	-2.5	163.0	45.79	158.9	44.93	150.5	43.07	146.2	42.07	132.9	38.85	123.8	36.52	99.6	30.06
		0.8	0.0	172.4	46.50	168.1	45.58	159.2	43.64	154.7	42.61	140.8	39.32	130.4	36.60	100.7	28.41
		2.8	2.0	182.8	47.25	177.8	46.09	165.9	42.94	160.0	41.38	142.2	36.77	130.4	33.74	100.7	26.30
		6.0	5.0	183.7	41.35	177.8	40.02	165.9	37.38	160.0	36.07	142.2	32.17	130.4	29.55	100.7	23.19
		7.0	6.0	183.7	39.31	177.8	38.06	165.9	35.58	160.0	34.30	142.2	30.63	130.4	28.21	100.7	22.22
		8.6	7.5	183.7	36.26	177.8	35.14	165.9	32.90	160.0	31.79	142.2	28.47	130.4	26.28	100.7	20.81
		11.2	10.0	183.7	31.56	177.8	30.64	165.9	28.80	160.0	27.88	142.2	25.12	130.4	23.27	100.7	18.61
		16.4	15.0	183.7	23.31	177.8	22.72	165.9	21.52	160.0	20.91	142.2	19.04	130.4	17.74	100.7	14.36
		24.0	18.0	183.7	20.44	177.8	19.84	165.9	18.63	160.0	18.03	142.2	16.22	130.4	15.01	100.7	12.00

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	115.1	38.99	112.1	38.28	106.1	36.78	103.0	36.00	93.5	33.45	87.0	31.60	69.8	26.39
		-19.8	-20.0	120.9	39.89	117.8	39.16	111.5	37.61	108.3	36.78	98.4	34.14	91.5	32.23	73.5	26.84
		-14.7	-15.0	129.1	41.27	125.8	40.49	119.2	38.84	115.8	37.98	105.2	35.18	98.0	33.17	78.8	27.53
		-9.6	-10.0	140.2	43.36	136.6	42.52	129.5	40.70	125.8	39.72	114.4	36.42	106.5	34.45	85.7	28.45
		-4.4	-5.0	154.5	45.06	150.6	44.23	142.7	42.45	138.6	41.49	126.1	38.37	117.3	36.09	90.7	27.21
		-1.8	-2.5	163.0	45.79	158.9	44.93	149.3	39.53	144.0	38.28	128.0	34.51	117.3	31.97	90.7	25.48
		0.8	0.0	165.3	39.65	160.0	38.56	149.3	36.35	144.0	35.24	128.0	31.86	117.3	29.56	90.7	23.67
		2.8	2.0	165.3	36.05	160.0	35.10	149.3	33.16	144.0	32.18	128.0	29.19	117.3	27.17	90.7	22.03
		6.0	5.0	165.3	31.21	160.0	30.53	149.3	29.08	144.0	28.33	128.0	25.95	117.3	24.20	90.7	19.55
		7.0	6.0	165.3	30.34	160.0	29.57	149.3	27.99	144.0	27.19	128.0	24.74	117.3	23.07	90.7	18.72
		8.6	7.5	165.3	27.84	160.0	27.16	149.3	25.78	144.0	25.08	128.0	22.92	117.3	21.42	90.7	17.50
		11.2	10.0	165.3	23.92	160.0	23.40	149.3	22.34	144.0	21.79	128.0	20.07	117.3	18.86	90.7	15.60
		16.4	15.0	165.3	18.57	160.0	18.03	149.3	16.94	144.0	16.40	128.0	14.89	117.3	14.10	90.7	11.86
		24.0	18.0	165.3	18.57	160.0	18.03	149.3	16.94	144.0	16.40	128.0	14.77	117.3	13.69	90.7	10.98

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	80%	-24.9	-25.0	115.1	38.99	112.1	38.28	106.1	36.78	103.0	36.00	93.5	33.45	87.0	31.60	69.8	26.39
		-19.8	-20.0	120.9	39.89	117.8	39.16	111.5	37.61	108.3	36.78	98.4	34.14	91.5	32.23	73.5	26.84
		-14.7	-15.0	129.1	41.27	125.8	40.49	119.2	38.84	115.8	37.98	105.2	35.18	98.0	33.17	78.8	27.53
		-9.6	-10.0	140.2	43.36	136.6	42.52	129.5	40.70	125.8	39.72	113.8	33.43	104.3	31.20	80.6	25.27
		-4.4	-5.0	147.0	35.55	142.2	34.74	132.7	33.09	128.0	32.23	113.8	29.55	104.3	27.66	80.6	22.62
		-1.8	-2.5	147.0	32.74	142.2	32.04	132.7	30.58	128.0	29.82	113.8	27.43	104.3	25.75	80.6	21.27
		0.8	0.0	147.0	29.76	142.2	29.23	132.7	28.07	128.0	27.45	113.8	25.45	104.3	23.98	80.6	19.88
		2.8	2.0	147.0	27.38	142.2	26.91	132.7	25.89	128.0	25.35	113.8	23.56	104.3	22.24	80.6	18.51
		6.0	5.0	147.0	24.00	142.2	23.62	132.7	22.79	128.0	22.33	113.8	20.81	104.3	19.66	80.6	16.35
		7.0	6.0	147.0	23.08	142.2	22.66	132.7	21.77	128.0	21.30	113.8	19.79	104.3	18.70	80.6	15.66
		8.6	7.5	147.0	21.01	142.2	20.67	132.7	19.93	128.0	19.54	113.8	18.26	104.3	17.32	80.6	14.62
		11.2	10.0	147.0	17.83	142.2	17.60	132.7	17.09	128.0	16.82	113.8	15.87	104.3	15.15	80.6	12.99
		16.4	15.0	147.0	16.70	142.2	16.22	132.7	15.26	128.0	14.77	113.8	13.33	104.3	12.36	80.6	9.95
		24.0	18.0	147.0	16.70	142.2	16.22	132.7	15.26	128.0	14.77	113.8	13.33	104.3	12.36	80.6	9.95

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	70%	-24.9	-25.0	115.1	38.99	112.1	38.28	106.1	36.78	103.0	36.00	93.5	33.45	87.0	31.60	69.8	26.39
		-19.8	-20.0	120.9	39.89	117.8	39.16	111.5	37.61	108.3	36.78	98.4	34.14	91.3	29.32	70.5	23.80
		-14.7	-15.0	128.6	34.57	124.4	33.90	116.1	32.50	112.0	31.75	99.6	29.38	91.3	27.66	70.5	22.77
		-9.6	-10.0	128.6	30.96	124.4	30.42	116.1	29.25	112.0	28.63	99.6	26.60	91.3	25.16	70.5	21.05
		-4.4	-5.0	128.6	27.10	124.4	26.72	116.1	25.85	112.0	25.37	99.6	23.77	91.3	22.54	70.5	18.97
		-1.8	-2.5	128.6	25.16	124.4	24.83	116.1	24.06	112.0	23.64	99.6	22.20	91.3	21.09	70.5	17.83
		0.8	0.0	128.6	23.13	124.4	22.84	116.1	22.19	112.0	21.83	99.6	20.56	91.3	19.57	70.5	16.63
		2.8	2.0	128.6	21.11	124.4	20.89	116.1	20.35	112.0	20.04	99.6	18.95	91.3	18.08	70.5	15.44
		6.0	5.0	128.6	18.23	124.4	18.07	116.1	17.68	112.0	17.43	99.6	16.54	91.3	15.81	70.5	13.51
		7.0	6.0	128.6	17.26	124.4	17.10	116.1	16.70	112.0	16.48	99.6	15.67	91.3	15.02	70.5	13.00
		8.6	7.5	128.6	15.62	124.4	15.50	116.1	15.22	112.0	15.04	99.6	14.40	91.3	13.87	70.5	12.13
		11.2	10.0	128.6	14.83	124.4	14.41	116.1	13.57	112.0	13.15	99.6	12.45	91.3	12.08	70.5	10.74
16.4	15.0	128.6	14.83	124.4	14.41	116.1	13.57	112.0	13.15	99.6	11.88	91.3	11.04	70.5	8.93		
24.0	18.0	128.6	14.83	124.4	14.41	116.1	13.57	112.0	13.15	99.6	11.88	91.3	11.04	70.5	8.93		

3. Part Load of Outdoor Unit

52HP (Heating) U-12ME2E8+U-12ME2E8+U-12ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	60%	-24.9	-25.0	110.2	30.51	106.7	30.04	99.6	29.01	96.0	28.45	85.3	26.56	78.2	25.06	60.4	20.61
		-19.8	-20.0	110.2	28.64	106.7	28.25	99.6	27.38	96.0	26.90	85.3	25.26	78.2	24.00	60.4	20.00
		-14.7	-15.0	110.2	26.60	106.7	26.27	99.6	25.51	96.0	25.08	85.3	23.60	78.2	22.46	60.4	19.05
		-9.6	-10.0	110.2	24.09	106.7	23.82	99.6	23.19	96.0	22.84	85.3	21.58	78.2	20.58	60.4	17.54
		-4.4	-5.0	110.2	21.14	106.7	20.94	99.6	20.47	96.0	20.19	85.3	19.17	78.2	18.34	60.4	15.78
		-1.8	-2.5	110.2	19.52	106.7	19.36	99.6	18.97	96.0	18.73	85.3	17.84	78.2	17.12	60.4	14.80
		0.8	0.0	110.2	17.82	106.7	17.71	99.6	17.40	96.0	17.21	85.3	16.48	78.2	15.85	60.4	13.79
		2.8	2.0	110.2	16.14	106.7	16.08	99.6	15.87	96.0	15.72	85.3	15.13	78.2	14.59	60.4	12.77
		6.0	5.0	110.2	13.65	106.7	13.61	99.6	13.48	96.0	13.39	85.3	12.98	78.2	12.59	60.4	11.09
		7.0	6.0	110.2	12.97	106.7	12.75	99.6	12.67	96.0	12.60	85.3	12.27	78.2	11.94	60.4	10.69
		8.6	7.5	110.2	12.97	106.7	12.60	99.6	11.88	96.0	11.52	85.3	11.26	78.2	11.00	60.4	9.96
		11.2	10.0	110.2	12.97	106.7	12.60	99.6	11.88	96.0	11.52	85.3	10.43	78.2	9.71	60.4	8.82
		16.4	15.0	110.2	12.97	106.7	12.60	99.6	11.88	96.0	11.52	85.3	10.43	78.2	9.71	60.4	7.90
		24.0	18.0	110.2	12.97	106.7	12.60	99.6	11.88	96.0	11.52	85.3	10.43	78.2	9.71	60.4	7.90

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	50%	-24.9	-25.0	91.9	23.75	88.9	23.49	83.0	22.89	80.0	22.55	71.1	21.34	65.2	20.37	50.4	17.02
		-19.8	-20.0	91.9	22.46	88.9	22.24	83.0	21.71	80.0	21.40	71.1	20.29	65.2	19.40	50.4	16.61
		-14.7	-15.0	91.9	20.77	88.9	20.60	83.0	20.16	80.0	19.90	71.1	18.93	65.2	18.13	50.4	15.64
		-9.6	-10.0	91.9	18.71	88.9	18.58	83.0	18.25	80.0	18.04	71.1	17.25	65.2	16.57	50.4	14.39
		-4.4	-5.0	91.9	16.30	88.9	16.23	83.0	16.01	80.0	15.86	71.1	15.26	65.2	14.73	50.4	12.92
		-1.8	-2.5	91.9	14.97	88.9	14.94	83.0	14.79	80.0	14.67	71.1	14.18	65.2	13.72	50.4	12.12
		0.8	0.0	91.9	13.59	88.9	13.59	83.0	13.51	80.0	13.44	71.1	13.06	65.2	12.68	50.4	11.26
		2.8	2.0	91.9	12.21	88.9	12.22	83.0	12.18	80.0	12.13	71.1	11.85	65.2	11.54	50.4	10.36
		6.0	5.0	91.9	11.10	88.9	10.79	83.0	10.19	80.0	10.15	71.1	10.06	65.2	9.89	50.4	9.02
		7.0	6.0	91.9	11.10	88.9	10.79	83.0	10.19	80.0	9.89	71.1	9.51	65.2	9.38	50.4	8.68
		8.6	7.5	91.9	11.10	88.9	10.79	83.0	10.19	80.0	9.89	71.1	8.99	65.2	8.66	50.4	8.10
		11.2	10.0	91.9	11.10	88.9	10.79	83.0	10.19	80.0	9.89	71.1	8.99	65.2	8.38	50.4	7.18
		16.4	15.0	91.9	11.10	88.9	10.79	83.0	10.19	80.0	9.89	71.1	8.99	65.2	8.38	50.4	6.88
		24.0	18.0	91.9	11.10	88.9	10.79	83.0	10.19	80.0	9.89	71.1	8.99	65.2	8.38	50.4	6.88

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	40%	-24.9	-25.0	73.5	18.22	71.1	18.09	66.4	17.73	64.0	17.52	56.9	16.72	52.1	16.06	40.3	13.83
		-19.8	-20.0	73.5	17.20	71.1	17.09	66.4	16.79	64.0	16.61	56.9	15.89	52.1	15.29	40.3	13.31
		-14.7	-15.0	73.5	15.87	71.1	15.79	66.4	15.55	64.0	15.41	56.9	14.81	52.1	14.28	40.3	12.51
		-9.6	-10.0	73.5	14.24	71.1	14.20	66.4	14.05	64.0	13.93	56.9	13.47	52.1	13.03	40.3	11.51
		-4.4	-5.0	73.5	12.34	71.1	12.34	66.4	12.28	64.0	12.22	56.9	11.90	52.1	11.57	40.3	10.34
		-1.8	-2.5	73.5	11.28	71.1	11.30	66.4	11.28	64.0	11.24	56.9	10.99	52.1	10.72	40.3	9.65
		0.8	0.0	73.5	10.05	71.1	10.10	66.4	10.15	64.0	10.14	56.9	10.01	52.1	9.81	40.3	8.94
		2.8	2.0	73.5	9.23	71.1	8.99	66.4	9.04	64.0	9.07	56.9	9.03	52.1	8.91	40.3	8.23
		6.0	5.0	73.5	9.23	71.1	8.99	66.4	8.50	64.0	8.26	56.9	7.69	52.1	7.66	40.3	7.24
		7.0	6.0	73.5	9.23	71.1	8.99	66.4	8.50	64.0	8.26	56.9	7.54	52.1	7.28	40.3	6.94
		8.6	7.5	73.5	9.23	71.1	8.99	66.4	8.50	64.0	8.26	56.9	7.54	52.1	7.06	40.3	6.49
		11.2	10.0	73.5	9.23	71.1	8.99	66.4	8.50	64.0	8.26	56.9	7.54	52.1	7.06	40.3	5.85
		16.4	15.0	73.5	9.23	71.1	8.99	66.4	8.50	64.0	8.26	56.9	7.54	52.1	7.06	40.3	5.85
		24.0	18.0	73.5	9.23	71.1	8.99	66.4	8.50	64.0	8.26	56.9	7.54	52.1	7.06	40.3	5.85

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
100%	30%	-24.9	-25.0	55.1	13.40	53.3	13.33	49.8	13.15	48.0	13.03	42.7	12.54	39.1	12.11	30.2	10.64
		-19.8	-20.0	55.1	12.64	53.3	12.59	49.8	12.45	48.0	12.35	42.7	11.92	39.1	11.53	30.2	10.20
		-14.7	-15.0	55.1	11.65	53.3	11.62	49.8	11.53	48.0	11.45	42.7	11.11	39.1	10.78	30.2	9.59
		-9.6	-10.0	55.1	10.39	53.3	10.39	49.8	10.35	48.0	10.30	42.7	10.05	39.1	9.79	30.2	8.81
		-4.4	-5.0	55.1	8.83	53.3	8.88	49.8	8.92	48.0	8.91	42.7	8.80	39.1	8.63	30.2	7.89
		-1.8	-2.5	55.1	8.00	53.3	8.06	49.8	8.14	48.0	8.16	42.7	8.11	39.1	8.00	30.2	7.38
		0.8	0.0	55.1	7.36	53.3	7.23	49.8	7.34	48.0	7.38	42.7	7.40	39.1	7.34	30.2	6.86
		2.8	2.0	55.1	7.36	53.3	7.18	49.8	6.82	48.0	6.64	42.7	6.71	39.1	6.69	30.2	6.35
		6.0	5.0	55.1	7.36	53.3	7.18	49.8	6.82	48.0	6.64	42.7	6.09	39.1	5.81	30.2	5.64
		7.0	6.0	55.1	7.36	53.3	7.18	49.8	6.82	48.0	6.64	42.7	6.09	39.1	5.73	30.2	5.41
		8.6	7.5	55.1	7.36	53.3	7.18	49.8	6.82	48.0	6.64	42.7	6.09	39.1	5.73	30.2	5.09
		11.2	10.0	55.1	7.36	53.3	7.18	49.8	6.82	48.0	6.64	42.7	6.09	39.1	5.73	30.2	4.83
		16.4	15.0	55.1	7.36	53.3	7.18	49.8	6.82	48.0	6.64	42.7	6.09	39.1	5.73	30.2	4.83
24.0	18.0	55.1	7.36	53.3	7.18	49.8	6.82	48.0	6.64	42.7	6.09	39.1	5.73	30.2	4.83		

3. Part Load of Outdoor Unit

3-47. 54HP (Cooling) U-10ME2E8+U-12ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	100.7	11.13	120.8	13.36	140.9	15.58	151.0	16.70	171.1	18.92	191.3	21.15	211.4	23.38
		-5.0	100.7	11.15	120.8	13.38	140.9	15.60	151.0	16.72	171.1	18.95	191.3	21.17	211.4	23.40
		0.0	100.7	11.17	120.8	13.40	140.9	15.63	151.0	16.75	171.1	18.97	191.3	21.22	211.4	23.45
		5.0	100.7	11.20	120.8	13.43	140.9	15.67	151.0	16.79	171.1	19.07	191.3	21.37	211.4	23.63
		10.0	100.7	11.24	120.8	13.51	140.9	15.82	151.0	17.00	171.1	19.37	191.3	21.78	211.4	24.10
		15.0	100.7	11.46	120.8	13.91	140.9	16.43	151.0	17.70	171.1	20.27	191.3	22.87	211.4	25.26
		20.0	100.7	12.79	120.8	15.65	140.9	18.95	151.0	20.74	171.1	24.57	191.3	28.78	211.4	33.36
		25.0	100.7	16.38	120.8	20.24	140.9	24.49	151.0	26.75	171.1	31.57	191.3	36.77	211.4	42.36
		30.0	100.7	20.54	120.8	25.34	140.9	30.55	151.0	33.30	171.1	39.12	191.3	45.35	211.4	52.01
		35.0	100.7	25.01	120.8	30.81	140.9	37.05	151.0	40.33	171.1	47.24	191.3	54.61	202.1	56.41
		40.0	100.7	29.83	120.8	36.71	140.9	44.06	151.0	47.92	171.1	56.02	179.0	56.41	186.7	56.42
		43.0	100.7	32.90	120.8	40.46	140.9	48.54	151.0	52.78	163.3	56.41	171.1	56.41	174.9	53.66
		46.0	99.7	35.77	119.6	44.01	127.0	44.76	128.4	43.56	131.8	41.56	136.2	39.98	141.4	38.74
		52.0	43.5	15.27	47.3	15.43	51.9	15.72	54.4	15.91	59.9	16.32	66.0	16.79	72.7	17.29

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	90.6	8.99	108.7	11.28	126.8	13.51	135.9	14.61	154.0	16.76	172.1	18.86	190.3	20.92
		-5.0	90.6	9.01	108.7	11.30	126.8	13.53	135.9	14.63	154.0	16.78	172.1	18.88	190.3	20.94
		0.0	90.6	9.03	108.7	11.32	126.8	13.56	135.9	14.65	154.0	16.81	172.1	18.91	190.3	20.97
		5.0	90.6	9.05	108.7	11.35	126.8	13.59	135.9	14.68	154.0	16.84	172.1	18.96	190.3	21.05
		10.0	90.6	9.10	108.7	11.39	126.8	13.65	135.9	14.77	154.0	16.98	172.1	19.16	190.3	21.31
		15.0	90.6	9.19	108.7	11.59	126.8	13.97	135.9	15.15	154.0	17.47	172.1	19.75	190.3	21.99
		20.0	90.6	9.99	108.7	12.67	126.8	15.29	135.9	16.56	154.0	19.05	172.1	21.90	190.3	24.93
		25.0	90.6	13.23	108.7	16.39	126.8	19.66	135.9	21.34	154.0	24.76	172.1	28.29	190.3	31.91
		30.0	90.6	17.10	108.7	20.91	126.8	24.81	135.9	26.78	154.0	30.79	172.1	34.88	190.3	39.08
		35.0	90.6	21.90	108.7	26.53	126.8	31.21	135.9	33.57	154.0	38.36	172.1	43.27	190.3	48.37
		40.0	90.6	26.17	108.7	31.47	126.8	36.83	135.9	39.54	154.0	45.07	172.1	50.83	186.7	56.42
		43.0	90.6	28.80	108.7	34.53	126.8	40.33	135.9	43.28	154.0	49.35	171.1	56.41	174.9	53.66
		46.0	90.6	30.85	108.7	37.44	126.8	44.35	128.4	43.56	131.8	41.56	136.2	39.98	141.4	38.74
		52.0	43.5	15.27	47.3	15.43	51.9	15.72	54.4	15.91	59.9	16.32	66.0	16.79	72.7	17.29

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	80.5	7.70	96.6	9.78	112.7	11.80	120.8	12.80	136.9	14.76	153.0	16.68	169.1	18.56
		-5.0	80.5	7.72	96.6	9.79	112.7	11.82	120.8	12.82	136.9	14.78	153.0	16.70	169.1	18.58
		0.0	80.5	7.73	96.6	9.81	112.7	11.84	120.8	12.84	136.9	14.80	153.0	16.72	169.1	18.60
		5.0	80.5	7.76	96.6	9.84	112.7	11.87	120.8	12.87	136.9	14.83	153.0	16.75	169.1	18.63
		10.0	80.5	7.79	96.6	9.88	112.7	11.90	120.8	12.90	136.9	14.88	153.0	16.82	169.1	18.73
		15.0	80.5	7.85	96.6	9.95	112.7	12.02	120.8	13.05	136.9	15.09	153.0	17.09	169.1	19.06
		20.0	80.5	8.19	96.6	10.46	112.7	12.68	120.8	13.76	136.9	15.90	153.0	17.98	169.1	20.00
		25.0	80.5	10.71	96.6	13.10	112.7	15.53	120.8	16.76	136.9	19.25	153.0	21.77	169.1	24.32
		30.0	80.5	14.09	96.6	17.06	112.7	20.05	120.8	21.54	136.9	24.54	153.0	27.55	169.1	30.57
		35.0	80.5	18.31	96.6	21.99	112.7	25.64	120.8	27.46	136.9	31.09	153.0	34.71	169.1	38.35
		40.0	80.5	22.09	96.6	26.36	112.7	30.57	120.8	32.67	136.9	36.84	153.0	41.04	169.1	45.28
		43.0	80.5	24.43	96.6	29.06	112.7	33.63	120.8	35.90	136.9	40.46	153.0	45.05	169.1	49.76
		46.0	80.5	26.08	96.6	31.21	112.7	36.47	120.8	39.16	131.8	41.56	136.2	39.98	141.4	38.74
		52.0	43.5	15.27	47.3	15.43	51.9	15.72	54.4	15.91	59.9	16.32	66.0	16.79	72.7	17.29

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	70.5	6.40	84.6	8.24	98.7	10.05	105.7	10.95	119.8	12.70	133.9	14.43	148.0	16.12
		-5.0	70.5	6.41	84.6	8.26	98.7	10.07	105.7	10.96	119.8	12.72	133.9	14.44	148.0	16.13
		0.0	70.5	6.42	84.6	8.27	98.7	10.08	105.7	10.98	119.8	12.74	133.9	14.46	148.0	16.15
		5.0	70.5	6.44	84.6	8.29	98.7	10.11	105.7	11.00	119.8	12.76	133.9	14.49	148.0	16.18
		10.0	70.5	6.47	84.6	8.33	98.7	10.14	105.7	11.04	119.8	12.80	133.9	14.52	148.0	16.21
		15.0	70.5	6.52	84.6	8.37	98.7	10.19	105.7	11.08	119.8	12.86	133.9	14.61	148.0	16.33
		20.0	70.5	6.63	84.6	8.55	98.7	10.44	105.7	11.37	119.8	13.20	133.9	15.00	148.0	16.75
		25.0	70.5	8.07	84.6	10.05	98.7	11.95	105.7	12.87	119.8	14.68	133.9	16.43	148.0	18.14
		30.0	70.5	11.34	84.6	13.57	98.7	15.76	105.7	16.84	119.8	18.98	133.9	21.08	148.0	23.15
		35.0	70.5	14.99	84.6	17.82	98.7	20.58	105.7	21.94	119.8	24.60	133.9	27.20	148.0	29.75
		40.0	70.5	18.29	84.6	21.64	98.7	24.87	105.7	26.46	119.8	29.56	133.9	32.59	148.0	35.56
		43.0	70.5	20.33	84.6	23.99	98.7	27.52	105.7	29.25	119.8	32.63	133.9	35.95	148.0	39.21
		46.0	70.5	21.76	84.6	25.66	98.7	29.56	105.7	31.52	119.8	35.44	133.9	37.95	141.4	38.74
		52.0	43.5	15.27	47.3	15.43	51.9	15.72	54.4	15.91	59.9	16.32	66.0	16.79	72.7	17.29

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

54HP (Cooling) U-10ME2E8+U-12ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	60.4	5.06	72.5	6.68	84.6	8.26	90.6	9.04	102.7	10.59	114.8	12.10	126.8	13.59
		-5.0	60.4	5.07	72.5	6.69	84.6	8.27	90.6	9.06	102.7	10.60	114.8	12.12	126.8	13.60
		0.0	60.4	5.09	72.5	6.70	84.6	8.29	90.6	9.07	102.7	10.62	114.8	12.13	126.8	13.62
		5.0	60.4	5.10	72.5	6.72	84.6	8.31	90.6	9.09	102.7	10.64	114.8	12.15	126.8	13.64
		10.0	60.4	5.13	72.5	6.74	84.6	8.33	90.6	9.12	102.7	10.66	114.8	12.18	126.8	13.67
		15.0	60.4	5.16	72.5	6.78	84.6	8.38	90.6	9.16	102.7	10.70	114.8	12.22	126.8	13.70
		20.0	60.4	5.22	72.5	6.85	84.6	8.44	90.6	9.23	102.7	10.79	114.8	12.33	126.8	13.84
		25.0	60.4	5.74	72.5	7.41	84.6	9.03	90.6	9.82	102.7	11.39	114.8	12.91	126.8	14.41
		30.0	60.4	8.87	72.5	10.46	84.6	11.98	90.6	12.72	102.7	14.14	114.8	15.49	126.8	16.79
		35.0	60.4	11.93	72.5	14.03	84.6	16.01	90.6	16.97	102.7	18.81	114.8	20.57	126.8	22.24
		40.0	60.4	14.76	72.5	17.30	84.6	19.69	90.6	20.84	102.7	23.06	114.8	25.17	126.8	27.18
		43.0	60.4	16.51	72.5	19.30	84.6	21.95	90.6	23.22	102.7	25.66	114.8	27.98	126.8	30.21
		46.0	60.4	17.89	72.5	20.75	84.6	23.54	90.6	24.91	102.7	27.60	114.8	30.23	126.8	32.80
		52.0	43.5	15.27	47.3	15.43	51.9	15.72	54.4	15.91	59.9	16.32	66.0	16.79	72.7	17.29

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	50.3	3.71	60.4	5.08	70.5	6.43	75.5	7.09	85.6	8.41	95.6	9.70	105.7	10.97
		-5.0	50.3	3.72	60.4	5.09	70.5	6.44	75.5	7.10	85.6	8.42	95.6	9.71	105.7	10.98
		0.0	50.3	3.73	60.4	5.10	70.5	6.45	75.5	7.11	85.6	8.43	95.6	9.73	105.7	11.00
		5.0	50.3	3.74	60.4	5.11	70.5	6.46	75.5	7.13	85.6	8.45	95.6	9.74	105.7	11.01
		10.0	50.3	3.76	60.4	5.13	70.5	6.48	75.5	7.15	85.6	8.47	95.6	9.76	105.7	11.04
		15.0	50.3	3.79	60.4	5.16	70.5	6.51	75.5	7.18	85.6	8.50	95.6	9.79	105.7	11.07
		20.0	50.3	3.84	60.4	5.21	70.5	6.56	75.5	7.23	85.6	8.55	95.6	9.83	105.7	11.10
		25.0	50.3	3.97	60.4	5.35	70.5	6.70	75.5	7.37	85.6	8.69	95.6	9.98	105.7	11.25
		30.0	50.3	6.68	60.4	7.67	70.5	8.38	75.5	8.84	85.6	9.85	95.6	10.94	105.7	12.07
		35.0	50.3	9.16	60.4	10.62	70.5	11.96	75.5	12.58	85.6	13.75	95.6	14.82	105.7	15.80
		40.0	50.3	11.51	60.4	13.34	70.5	15.01	75.5	15.80	85.6	17.27	95.6	18.63	105.7	19.87
		43.0	50.3	12.96	60.4	15.01	70.5	16.89	75.5	17.77	85.6	19.43	95.6	20.97	105.7	22.38
		46.0	50.3	14.42	60.4	16.44	70.5	18.35	75.5	19.27	85.6	21.01	95.6	22.66	105.7	24.21
		52.0	43.5	15.27	47.3	15.43	51.9	15.72	54.4	15.91	59.9	16.32	66.0	16.79	72.7	17.29

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	40.3	2.33	48.3	3.45	56.4	4.55	60.4	5.09	68.5	6.17	76.5	7.23	84.6	8.28
		-5.0	40.3	2.34	48.3	3.45	56.4	4.55	60.4	5.10	68.5	6.17	76.5	7.24	84.6	8.29
		0.0	40.3	2.34	48.3	3.46	56.4	4.56	60.4	5.11	68.5	6.18	76.5	7.25	84.6	8.30
		5.0	40.3	2.35	48.3	3.47	56.4	4.57	60.4	5.12	68.5	6.20	76.5	7.26	84.6	8.32
		10.0	40.3	2.37	48.3	3.49	56.4	4.59	60.4	5.13	68.5	6.21	76.5	7.28	84.6	8.34
		15.0	40.3	2.39	48.3	3.51	56.4	4.61	60.4	5.16	68.5	6.23	76.5	7.30	84.6	8.36
		20.0	40.3	2.43	48.3	3.54	56.4	4.65	60.4	5.19	68.5	6.27	76.5	7.34	84.6	8.40
		25.0	40.3	2.50	48.3	3.61	56.4	4.71	60.4	5.25	68.5	6.32	76.5	7.39	84.6	8.46
		30.0	40.3	3.45	48.3	4.18	56.4	5.09	60.4	5.58	68.5	6.57	76.5	7.68	84.6	8.87
		35.0	40.3	6.67	48.3	7.62	56.4	8.44	60.4	8.80	68.5	9.46	76.5	10.27	84.6	11.32
		40.0	40.3	8.54	48.3	9.77	56.4	10.85	60.4	11.34	68.5	12.22	76.5	12.98	84.6	13.63
		43.0	40.3	9.70	48.3	11.11	56.4	12.35	60.4	12.91	68.5	13.94	76.5	14.83	84.6	15.61
		46.0	40.3	11.34	48.3	12.69	56.4	13.91	60.4	14.48	68.5	15.52	76.5	16.45	84.6	17.28
		52.0	40.3	13.51	47.3	15.43	51.9	15.72	54.4	15.91	59.9	16.32	66.0	16.79	72.7	17.29

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	30.2	0.93	36.2	1.78	42.3	2.63	45.3	3.05	51.3	3.89	57.4	4.71	63.4	5.52
		-5.0	30.2	0.93	36.2	1.78	42.3	2.63	45.3	3.06	51.3	3.90	57.4	4.72	63.4	5.53
		0.0	30.2	0.94	36.2	1.79	42.3	2.64	45.3	3.07	51.3	3.91	57.4	4.73	63.4	5.55
		5.0	30.2	0.94	36.2	1.80	42.3	2.65	45.3	3.08	51.3	3.92	57.4	4.75	63.4	5.57
		10.0	30.2	0.95	36.2	1.81	42.3	2.66	45.3	3.09	51.3	3.94	57.4	4.77	63.4	5.59
		15.0	30.2	0.97	36.2	1.82	42.3	2.68	45.3	3.11	51.3	3.97	57.4	4.80	63.4	5.62
		20.0	30.2	0.99	36.2	1.85	42.3	2.71	45.3	3.15	51.3	4.00	57.4	4.84	63.4	5.66
		25.0	30.2	1.04	36.2	1.89	42.3	2.76	45.3	3.20	51.3	4.05	57.4	4.92	63.4	5.79
		30.0	30.2	1.19	36.2	1.99	42.3	2.87	45.3	3.36	51.3	4.38	57.4	5.37	63.4	6.33
		35.0	30.2	4.48	36.2	5.03	42.3	5.67	45.3	6.08	51.3	6.91	57.4	7.72	63.4	8.52
		40.0	30.2	5.86	36.2	6.61	42.3	7.22	45.3	7.48	51.3	7.92	57.4	8.26	63.4	8.52
		43.0	30.2	6.73	36.2	7.60	42.3	8.33	45.3	8.65	51.3	9.19	57.4	9.61	63.4	9.94
		46.0	30.2	8.61	36.2	9.44	42.3	10.15	45.3	10.46	51.3	11.01	57.4	11.45	63.4	11.80
		52.0	30.2	10.17	36.2	11.25	42.3	12.19	45.3	12.61	51.3	13.03	57.4	13.25	63.4	13.34

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-48. 54HP (Heating) U-10ME2E8+U-12ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
				kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
100%	100%	-24.9	-25.0	120.3	41.00	117.3	40.27	111.1	38.74	108.0	37.93	98.3	35.33	91.6	33.42	73.8	28.03		
		-19.8	-20.0	126.2	41.87	123.1	41.13	116.7	39.53	113.4	38.69	103.3	36.00	96.3	34.03	77.7	28.48		
		-14.7	-15.0	134.6	43.20	131.3	42.41	124.6	40.74	121.1	39.86	110.4	37.02	103.0	34.96	83.2	29.17		
		-9.6	-10.0	146.0	45.18	142.5	44.21	135.2	42.47	131.5	41.52	119.9	38.47	111.9	36.27	90.5	30.11		
		-4.4	-5.0	160.9	47.50	157.0	46.64	149.0	44.77	144.9	43.77	132.2	40.49	123.4	38.09	99.7	31.41		
		-1.8	-2.5	169.7	48.37	165.7	47.49	157.2	45.57	152.9	44.53	139.5	41.19	130.1	38.75	105.2	31.96		
		0.8	0.0	179.6	49.16	175.3	48.23	166.3	46.20	161.7	45.13	147.6	41.69	137.7	39.19	106.4	30.27		
		2.8	2.0	190.2	49.89	185.6	48.91	175.3	46.38	169.0	44.63	150.2	39.49	137.7	36.15	106.4	28.04		
		6.0	5.0	194.0	44.97	187.8	43.44	175.3	40.45	169.0	38.97	150.2	34.62	137.7	31.73	106.4	24.78		
		7.0	6.0	194.0	42.77	187.8	41.34	175.3	38.53	169.0	37.10	150.2	32.99	137.7	30.30	106.4	23.75		
		8.6	7.5	194.0	39.51	187.8	38.21	175.3	35.66	169.0	34.39	150.2	30.67	137.7	28.24	106.4	22.26		
		11.2	10.0	194.0	34.40	187.8	33.33	175.3	31.22	169.0	30.17	150.2	27.07	137.7	25.02	106.4	19.93		
		16.4	15.0	194.0	25.48	187.8	24.80	175.3	23.44	169.0	22.75	150.2	20.65	137.7	19.22	106.4	15.53		
		24.0	18.0	194.0	21.44	187.8	20.82	175.3	19.58	169.0	18.96	150.2	17.10	137.7	15.86	106.4	12.76		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	120.3	41.00	117.3	40.27	111.1	38.74	108.0	37.93	98.3	35.33	91.6	33.42	73.8	28.03
		-19.8	-20.0	126.2	41.87	123.1	41.13	116.7	39.53	113.4	38.69	103.3	36.00	96.3	34.03	77.7	28.48
		-14.7	-15.0	134.6	43.20	131.3	42.41	124.6	40.74	121.1	39.86	110.4	37.02	103.0	34.96	83.2	29.17
		-9.6	-10.0	146.0	45.18	142.5	44.21	135.2	42.47	131.5	41.52	119.9	38.47	111.9	36.27	90.5	30.11
		-4.4	-5.0	160.9	47.50	157.0	46.64	149.0	44.77	144.9	43.77	132.2	40.49	123.4	38.09	95.8	28.90
		-1.8	-2.5	169.7	48.37	165.7	47.49	157.2	45.57	152.1	44.53	135.2	36.93	123.9	34.13	95.8	27.10
		0.8	0.0	174.6	42.86	169.0	41.62	157.7	39.13	152.1	37.88	135.2	34.12	123.9	31.59	95.8	25.20
		2.8	2.0	174.6	39.04	169.0	37.95	157.7	35.75	152.1	34.65	135.2	31.31	123.9	29.11	95.8	23.56
		6.0	5.0	174.6	33.84	169.0	33.06	157.7	31.44	152.1	30.61	135.2	27.97	123.9	26.02	95.8	20.93
		7.0	6.0	174.6	33.10	169.0	32.19	157.7	30.37	152.1	29.45	135.2	26.68	123.9	24.81	95.8	20.04
		8.6	7.5	174.6	30.40	169.0	29.60	157.7	28.00	152.1	27.19	135.2	24.73	123.9	23.06	95.8	18.76
		11.2	10.0	174.6	26.17	169.0	25.55	157.7	24.30	152.1	23.66	135.2	21.69	123.9	20.33	95.8	16.75
		16.4	15.0	174.6	19.52	169.0	18.96	157.7	17.84	152.1	17.46	135.2	16.24	123.9	15.36	95.8	12.90
		24.0	18.0	174.6	19.52	169.0	18.96	157.7	17.84	152.1	17.29	135.2	15.61	123.9	14.50	95.8	11.71

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	80%	-24.9	-25.0	120.3	41.00	117.3	40.27	111.1	38.74	108.0	37.93	98.3	35.33	91.6	33.42	73.8	28.03		
		-19.8	-20.0	126.2	41.87	123.1	41.13	116.7	39.53	113.4	38.69	103.3	36.00	96.3	34.03	77.7	28.48		
		-14.7	-15.0	134.6	43.20	131.3	42.41	124.6	40.74	121.1	39.86	110.4	37.02	103.0	34.96	83.2	29.17		
		-9.6	-10.0	146.0	45.18	142.5	44.21	135.2	42.47	131.5	41.52	119.9	38.47	110.2	36.27	85.1	26.74		
		-4.4	-5.0	155.2	38.22	150.2	37.31	140.2	35.44	135.2	34.49	120.2	31.52	110.2	29.46	85.1	24.02		
		-1.8	-2.5	155.2	35.26	150.2	34.46	140.2	32.81	135.2	31.96	120.2	29.30	110.2	27.45	85.1	22.63		
		0.8	0.0	155.2	32.16	150.2	31.41	140.2	30.11	135.2	29.43	120.2	27.22	110.2	25.63	85.1	21.21		
		2.8	2.0	155.2	29.53	150.2	29.00	140.2	27.85	135.2	27.24	120.2	25.26	110.2	23.82	85.1	19.79		
		6.0	5.0	155.2	26.03	150.2	25.59	140.2	24.65	135.2	24.14	120.2	22.46	110.2	21.17	85.1	17.57		
		7.0	6.0	155.2	25.24	150.2	24.73	140.2	23.67	135.2	23.12	120.2	21.39	110.2	20.16	85.1	16.81		
		8.6	7.5	155.2	23.02	150.2	22.60	140.2	21.71	135.2	21.24	120.2	19.76	110.2	18.69	85.1	15.72		
		11.2	10.0	155.2	19.57	150.2	19.28	140.2	18.66	135.2	18.32	120.2	17.22	110.2	16.39	85.1	14.01		
		16.4	15.0	155.2	17.60	150.2	17.10	140.2	16.11	135.2	15.61	120.2	14.12	110.2	13.13	85.1	10.68		
		24.0	18.0	155.2	17.60	150.2	17.10	140.2	16.11	135.2	15.61	120.2	14.12	110.2	13.13	85.1	10.65		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	70%	-24.9	-25.0	120.3	41.00	117.3	40.27	111.1	38.74	108.0	37.93	98.3	35.33	91.6	33.42	73.8	28.03
		-19.8	-20.0	126.2	41.87	123.1	41.13	116.7	39.53	113.4	38.69	103.3	36.00	96.3	34.03	74.5	25.11
		-14.7	-15.0	134.6	43.20	131.3	42.41	122.7	34.60	118.3	33.79	105.2	31.18	96.4	29.31	74.5	24.01
		-9.6	-10.0	135.8	33.13	131.4	32.51	122.7	31.20	118.3	30.50	105.2	28.27	96.4	26.66	74.5	22.29
		-4.4	-5.0	135.8	28.93	131.4	28.51	122.7	27.55	118.3	27.02	105.2	25.28	96.4	23.96	74.5	20.16
		-1.8	-2.5	135.8	26.94	131.4	26.55	122.7	25.71	118.3	25.24	105.2	23.66	96.4	22.47	74.5	18.98
		0.8	0.0	135.8	24.84	131.4	24.51	122.7	23.78	118.3	23.37	105.2	21.97	96.4	20.90	74.5	17.75
		2.8	2.0	135.8	22.75	131.4	22.48	122.7	21.87	118.3	21.52	105.2	20.31	96.4	19.36	74.5	16.52
		6.0	5.0	135.8	19.78	131.4	19.59	122.7	19.13	118.3	18.86	105.2	17.88	96.4	17.08	74.5	14.60
		7.0	6.0	135.8	18.95	131.4	18.72	122.7	18.22	118.3	17.94	105.2	16.98	96.4	16.24	74.5	14.00
		8.6	7.5	135.8	17.17	131.4	17.01	122.7	16.63	118.3	16.41	105.2	15.64	96.4	15.02	74.5	13.09
		11.2	10.0	135.8	15.67	131.4	15.24	122.7	14.37	118.3	14.08	105.2	13.57	96.4	13.13	74.5	11.64
		16.4	15.0	135.8	15.67	131.4	15.24	122.7	14.37	118.3	13.94	105.2	12.64	96.4	11.77	74.5	9.60
24.0	18.0	135.8	15.67	131.4	15.24	122.7	14.37	118.3	13.94	105.2	12.64	96.4	11.77	74.5	9.60		

3. Part Load of Outdoor Unit

54HP (Heating) U-10ME2E8+U-12ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-24.9	-25.0	116.4	32.42	112.7	31.89	105.2	30.76	101.4	30.14	90.1	28.06	82.6	26.39	63.8	21.72
		-19.8	-20.0	116.4	30.48	112.7	30.01	105.2	28.99	101.4	28.44	90.1	26.63	82.6	25.29	63.8	21.03
		-14.7	-15.0	116.4	28.15	112.7	27.78	105.2	26.96	101.4	26.50	90.1	24.93	82.6	23.72	63.8	20.13
		-9.6	-10.0	116.4	25.57	112.7	25.28	105.2	24.60	101.4	24.21	90.1	22.85	82.6	21.79	63.8	18.59
		-4.4	-5.0	116.4	22.54	112.7	22.32	105.2	21.79	101.4	21.48	90.1	20.38	82.6	19.50	63.8	16.78
		-1.8	-2.5	116.4	20.87	112.7	20.69	105.2	20.25	101.4	19.98	90.1	19.02	82.6	18.24	63.8	15.77
		0.8	0.0	116.4	19.12	112.7	18.98	105.2	18.64	101.4	18.42	90.1	17.61	82.6	16.92	63.8	14.73
		2.8	2.0	116.4	17.39	112.7	17.30	105.2	17.05	101.4	16.88	90.1	16.21	82.6	15.63	63.8	13.69
		6.0	5.0	116.4	14.92	112.7	14.88	105.2	14.73	101.4	14.61	90.1	14.10	82.6	13.64	63.8	11.99
		7.0	6.0	116.4	14.06	112.7	14.01	105.2	13.87	101.4	13.77	90.1	13.35	82.6	12.96	63.8	11.57
		8.6	7.5	116.4	13.75	112.7	13.38	105.2	12.64	101.4	12.58	90.1	12.28	82.6	11.97	63.8	10.81
		11.2	10.0	116.4	13.75	112.7	13.38	105.2	12.64	101.4	12.26	90.1	11.15	82.6	10.46	63.8	9.62
		16.4	15.0	116.4	13.75	112.7	13.38	105.2	12.64	101.4	12.26	90.1	11.15	82.6	10.40	63.8	8.55
		24.0	18.0	116.4	13.75	112.7	13.38	105.2	12.64	101.4	12.26	90.1	11.15	82.6	10.40	63.8	8.55
100%	50%	-24.9	-25.0	97.0	25.04	93.9	24.77	87.6	24.13	84.5	23.76	75.1	22.49	68.9	21.48	53.2	18.04
		-19.8	-20.0	97.0	23.72	93.9	23.48	87.6	22.92	84.5	22.58	75.1	21.42	68.9	20.49	53.2	17.56
		-14.7	-15.0	97.0	21.99	93.9	21.80	87.6	21.32	84.5	21.04	75.1	20.02	68.9	19.18	53.2	16.57
		-9.6	-10.0	97.0	19.88	93.9	19.73	87.6	19.36	84.5	19.14	75.1	18.29	68.9	17.58	53.2	15.29
		-4.4	-5.0	97.0	17.40	93.9	17.31	87.6	17.07	84.5	16.90	75.1	16.25	68.9	15.69	53.2	13.78
		-1.8	-2.5	97.0	16.03	93.9	15.98	87.6	15.80	84.5	15.68	75.1	15.14	68.9	14.65	53.2	12.96
		0.8	0.0	97.0	14.61	93.9	14.59	87.6	14.49	84.5	14.40	75.1	13.99	68.9	13.58	53.2	12.10
		2.8	2.0	97.0	13.21	93.9	13.23	87.6	13.20	84.5	13.15	75.1	12.84	68.9	12.51	53.2	11.20
		6.0	5.0	97.0	11.83	93.9	11.52	87.6	11.14	84.5	11.13	75.1	10.98	68.9	10.78	53.2	9.79
		7.0	6.0	97.0	11.83	93.9	11.52	87.6	10.90	84.5	10.59	75.1	10.40	68.9	10.24	53.2	9.45
		8.6	7.5	97.0	11.83	93.9	11.52	87.6	10.90	84.5	10.59	75.1	9.66	68.9	9.48	53.2	8.85
		11.2	10.0	97.0	11.83	93.9	11.52	87.6	10.90	84.5	10.59	75.1	9.66	68.9	9.04	53.2	7.89
		16.4	15.0	97.0	11.83	93.9	11.52	87.6	10.90	84.5	10.59	75.1	9.66	68.9	9.04	53.2	7.49
		24.0	18.0	97.0	11.83	93.9	11.52	87.6	10.90	84.5	10.59	75.1	9.66	68.9	9.04	53.2	7.49
100%	40%	-24.9	-25.0	77.6	19.28	75.1	19.13	70.1	18.75	67.6	18.53	60.1	17.69	55.1	17.00	42.6	14.67
		-19.8	-20.0	77.6	18.22	75.1	18.10	70.1	17.79	67.6	17.59	60.1	16.84	55.1	16.20	42.6	14.15
		-14.7	-15.0	77.6	16.85	75.1	16.77	70.1	16.52	67.6	16.36	60.1	15.72	55.1	15.17	42.6	13.32
		-9.6	-10.0	77.6	15.19	75.1	15.13	70.1	14.97	67.6	14.85	60.1	14.35	55.1	13.89	42.6	12.30
		-4.4	-5.0	77.6	13.23	75.1	13.23	70.1	13.15	67.6	13.08	60.1	12.74	55.1	12.39	42.6	11.10
		-1.8	-2.5	77.6	12.16	75.1	12.18	70.1	12.16	67.6	12.12	60.1	11.86	55.1	11.57	42.6	10.44
		0.8	0.0	77.6	11.04	75.1	11.08	70.1	11.09	67.6	11.07	60.1	10.89	55.1	10.66	42.6	9.70
		2.8	2.0	77.6	9.91	75.1	9.86	70.1	9.93	67.6	9.94	60.1	9.87	55.1	9.72	42.6	8.97
		6.0	5.0	77.6	9.91	75.1	9.66	70.1	9.17	67.6	8.92	60.1	8.46	55.1	8.41	42.6	7.91
		7.0	6.0	77.6	9.91	75.1	9.66	70.1	9.17	67.6	8.92	60.1	8.17	55.1	8.01	42.6	7.62
		8.6	7.5	77.6	9.91	75.1	9.66	70.1	9.17	67.6	8.92	60.1	8.17	55.1	7.68	42.6	7.15
		11.2	10.0	77.6	9.91	75.1	9.66	70.1	9.17	67.6	8.92	60.1	8.17	55.1	7.68	42.6	6.44
		16.4	15.0	77.6	9.91	75.1	9.66	70.1	9.17	67.6	8.92	60.1	8.17	55.1	7.68	42.6	6.44
		24.0	18.0	77.6	9.91	75.1	9.66	70.1	9.17	67.6	8.92	60.1	8.17	55.1	7.68	42.6	6.44
100%	30%	-24.9	-25.0	58.2	14.28	56.3	14.21	52.6	14.01	50.7	13.88	45.1	13.36	41.3	12.92	31.9	11.38
		-19.8	-20.0	58.2	13.49	56.3	13.44	52.6	13.29	50.7	13.18	45.1	12.73	41.3	12.32	31.9	10.94
		-14.7	-15.0	58.2	12.48	56.3	12.45	52.6	12.34	50.7	12.26	45.1	11.89	41.3	11.55	31.9	10.31
		-9.6	-10.0	58.2	11.24	56.3	11.24	52.6	11.19	50.7	11.14	45.1	10.86	41.3	10.59	31.9	9.54
		-4.4	-5.0	58.2	9.68	56.3	9.72	52.6	9.74	50.7	9.73	45.1	9.58	41.3	9.39	31.9	8.59
		-1.8	-2.5	58.2	8.81	56.3	8.86	52.6	8.93	50.7	8.94	45.1	8.87	41.3	8.73	31.9	8.07
		0.8	0.0	58.2	7.99	56.3	7.99	52.6	8.09	50.7	8.12	45.1	8.13	41.3	8.05	31.9	7.53
		2.8	2.0	58.2	7.99	56.3	7.80	52.6	7.43	50.7	7.34	45.1	7.41	41.3	7.38	31.9	7.00
		6.0	5.0	58.2	7.99	56.3	7.80	52.6	7.43	50.7	7.24	45.1	6.69	41.3	6.45	31.9	6.25
		7.0	6.0	58.2	7.99	56.3	7.80	52.6	7.43	50.7	7.24	45.1	6.69	41.3	6.31	31.9	6.02
		8.6	7.5	58.2	7.99	56.3	7.80	52.6	7.43	50.7	7.24	45.1	6.69	41.3	6.31	31.9	5.69
		11.2	10.0	58.2	7.99	56.3	7.80	52.6	7.43	50.7	7.24	45.1	6.69	41.3	6.31	31.9	5.38
		16.4	15.0	58.2	7.99	56.3	7.80	52.6	7.43	50.7	7.24	45.1	6.69	41.3	6.31	31.9	5.38
		24.0	18.0	58.2	7.99	56.3	7.80	52.6	7.43	50.7	7.24	45.1	6.69	41.3	6.31	31.9	5.38

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-49. 56HP (Cooling) U-12ME2E8+U-12ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	104.0	11.60	124.8	13.92	145.6	16.24	156.0	17.40	176.8	19.72	197.6	22.04	218.4	24.35
		-5.0	104.0	11.62	124.8	13.94	145.6	16.26	156.0	17.42	176.8	19.74	197.6	22.06	218.4	24.37
		0.0	104.0	11.64	124.8	13.96	145.6	16.29	156.0	17.45	176.8	19.77	197.6	22.11	218.4	24.44
		5.0	104.0	11.67	124.8	13.99	145.6	16.32	156.0	17.50	176.8	19.88	197.6	22.28	218.4	24.65
		10.0	104.0	11.71	124.8	14.08	145.6	16.51	156.0	17.74	176.8	20.22	197.6	22.74	218.4	25.16
		15.0	104.0	11.96	124.8	14.54	145.6	17.18	156.0	18.51	176.8	21.21	197.6	23.92	218.4	26.43
		20.0	104.0	13.42	124.8	16.42	145.6	19.86	156.0	21.72	176.8	25.71	197.6	30.10	218.4	34.87
		25.0	104.0	17.17	124.8	21.20	145.6	25.62	156.0	27.98	176.8	33.00	197.6	38.42	218.4	44.25
		30.0	104.0	21.51	124.8	26.51	145.6	31.94	156.0	34.81	176.8	40.87	197.6	47.37	218.4	54.30
		35.0	104.0	26.17	124.8	32.21	145.6	38.71	156.0	42.13	176.8	49.33	197.6	57.01	208.9	58.94
		40.0	104.0	31.19	124.8	38.36	145.6	46.02	156.0	50.04	176.8	58.47	185.0	58.93	192.9	58.93
		43.0	104.0	34.39	124.8	42.26	145.6	50.68	156.0	55.10	168.8	58.93	176.8	58.93	180.7	56.02
		46.0	103.0	37.38	123.6	45.96	131.2	46.75	132.6	45.50	136.2	43.41	140.7	41.77	146.1	40.47
		52.0	44.9	16.02	48.9	16.19	53.6	16.49	56.2	16.68	61.9	17.12	68.2	17.61	75.1	18.13

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	93.6	9.36	112.3	11.74	131.0	14.07	140.4	15.21	159.1	17.46	177.8	19.65	196.6	21.79
		-5.0	93.6	9.37	112.3	11.76	131.0	14.09	140.4	15.23	159.1	17.48	177.8	19.67	196.6	21.82
		0.0	93.6	9.40	112.3	11.79	131.0	14.12	140.4	15.26	159.1	17.51	177.8	19.69	196.6	21.84
		5.0	93.6	9.43	112.3	11.82	131.0	14.15	140.4	15.29	159.1	17.54	177.8	19.76	196.6	21.94
		10.0	93.6	9.47	112.3	11.86	131.0	14.22	140.4	15.39	159.1	17.71	177.8	19.99	196.6	22.24
		15.0	93.6	9.58	112.3	12.10	131.0	14.59	140.4	15.82	159.1	18.25	177.8	20.64	196.6	22.98
		20.0	93.6	10.47	112.3	13.29	131.0	16.02	140.4	17.36	159.1	19.96	177.8	22.93	196.6	26.09
		25.0	93.6	13.91	112.3	17.19	131.0	20.60	140.4	22.34	159.1	25.91	177.8	29.58	196.6	33.35
		30.0	93.6	17.93	112.3	21.90	131.0	25.96	140.4	28.01	159.1	32.19	177.8	36.45	196.6	40.82
		35.0	93.6	22.94	112.3	27.76	131.0	32.63	140.4	35.09	159.1	40.08	177.8	45.20	196.6	50.51
		40.0	93.6	27.38	112.3	32.90	131.0	38.48	140.4	41.30	159.1	47.07	177.8	53.07	192.9	58.93
		43.0	93.6	30.12	112.3	36.09	131.0	42.13	140.4	45.20	159.1	51.53	176.8	58.93	180.7	56.02
		46.0	93.6	32.25	112.3	39.12	131.0	46.32	132.6	45.50	136.2	43.41	140.7	41.77	146.1	40.47
		52.0	44.9	16.02	48.9	16.19	53.6	16.49	56.2	16.68	61.9	17.12	68.2	17.61	75.1	18.13

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	83.2	8.02	99.8	10.18	116.5	12.29	124.8	13.33	141.4	15.83	158.1	17.37	174.7	19.33
		-5.0	83.2	8.03	99.8	10.19	116.5	12.31	124.8	13.35	141.4	15.84	158.1	17.39	174.7	19.35
		0.0	83.2	8.05	99.8	10.21	116.5	12.33	124.8	13.37	141.4	15.87	158.1	17.42	174.7	19.38
		5.0	83.2	8.08	99.8	10.24	116.5	12.36	124.8	13.40	141.4	15.90	158.1	17.44	174.7	19.41
		10.0	83.2	8.11	99.8	10.28	116.5	12.39	124.8	13.44	141.4	15.94	158.1	17.53	174.7	19.53
		15.0	83.2	8.16	99.8	10.36	116.5	12.54	124.8	13.61	141.4	16.17	158.1	17.84	174.7	19.89
		20.0	83.2	8.56	99.8	10.94	116.5	13.26	124.8	14.40	141.4	17.00	158.1	18.81	174.7	20.92
		25.0	83.2	11.28	99.8	13.77	116.5	16.30	124.8	17.58	141.4	20.38	158.1	22.79	174.7	25.45
		30.0	83.2	14.79	99.8	17.89	116.5	21.00	124.8	22.56	141.4	25.89	158.1	28.82	174.7	31.96
		35.0	83.2	19.20	99.8	23.03	116.5	26.83	124.8	28.73	141.4	31.82	158.1	36.28	174.7	40.07
		40.0	83.2	23.13	99.8	27.58	116.5	31.97	124.8	34.15	141.4	38.17	158.1	42.87	174.7	47.29
		43.0	83.2	25.57	99.8	30.39	116.5	35.15	124.8	37.52	141.4	42.27	158.1	47.05	174.7	51.96
		46.0	83.2	27.28	99.8	32.63	116.5	38.11	124.8	40.91	136.2	43.41	140.7	41.77	146.1	40.47
		52.0	44.9	16.02	48.9	16.19	53.6	16.49	56.2	16.68	61.9	17.12	68.2	17.61	75.1	18.13

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	72.8	6.65	87.4	8.58	101.9	10.47	109.2	11.40	123.8	13.23	138.3	15.51	152.9	16.79
		-5.0	72.8	6.67	87.4	8.59	101.9	10.48	109.2	11.41	123.8	13.25	138.3	15.52	152.9	16.81
		0.0	72.8	6.68	87.4	8.61	101.9	10.50	109.2	11.43	123.8	13.27	138.3	15.54	152.9	16.83
		5.0	72.8	6.70	87.4	8.63	101.9	10.52	109.2	11.46	123.8	13.29	138.3	15.57	152.9	16.86
		10.0	72.8	6.73	87.4	8.67	101.9	10.56	109.2	11.49	123.8	13.33	138.3	15.59	152.9	16.88
		15.0	72.8	6.78	87.4	8.71	101.9	10.60	109.2	11.54	123.8	13.40	138.3	15.69	152.9	17.02
		20.0	72.8	6.91	87.4	8.92	101.9	10.90	109.2	11.87	123.8	13.79	138.3	16.10	152.9	17.50
		25.0	72.8	8.50	87.4	10.56	101.9	12.55	109.2	13.51	123.8	15.40	138.3	17.56	152.9	19.00
		30.0	72.8	11.93	87.4	14.26	101.9	16.54	109.2	17.66	123.8	19.89	138.3	22.25	152.9	24.23
		35.0	72.8	15.74	87.4	18.69	101.9	21.56	109.2	22.97	123.8	25.74	138.3	27.67	152.9	31.11
		40.0	72.8	19.18	87.4	22.66	101.9	26.03	109.2	27.68	123.8	30.91	138.3	33.45	152.9	37.17
		43.0	72.8	21.30	87.4	25.11	101.9	28.79	109.2	30.59	123.8	34.11	138.3	37.17	152.9	40.96
		46.0	72.8	22.79	87.4	26.85	101.9	30.91	109.2	32.95	123.8	37.03	138.3	39.65	146.1	40.47
		52.0	44.9	16.02	48.9	16.19	53.6	16.49	56.2	16.68	61.9	17.12	68.2	17.61	75.1	18.13

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor

3. Part Load of Outdoor Unit

56HP (Cooling) U-12ME2E8+U-12ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	62.4	5.27	74.9	6.95	87.4	8.60	93.6	9.42	106.1	11.02	118.6	12.60	131.0	14.15
		-5.0	62.4	5.28	74.9	6.96	87.4	8.61	93.6	9.43	106.1	11.04	118.6	12.62	131.0	14.17
		0.0	62.4	5.29	74.9	6.97	87.4	8.63	93.6	9.44	106.1	11.05	118.6	12.63	131.0	14.18
		5.0	62.4	5.31	74.9	6.99	87.4	8.65	93.6	9.46	106.1	11.07	118.6	12.66	131.0	14.21
		10.0	62.4	5.33	74.9	7.02	87.4	8.68	93.6	9.49	106.1	11.10	118.6	12.69	131.0	14.24
		15.0	62.4	5.37	74.9	7.06	87.4	8.72	93.6	9.54	106.1	11.15	118.6	12.72	131.0	14.27
		20.0	62.4	5.43	74.9	7.12	87.4	8.79	93.6	9.62	106.1	11.25	118.6	12.85	131.0	14.43
		25.0	62.4	6.02	74.9	7.76	87.4	9.45	93.6	10.28	106.1	11.91	118.6	13.51	131.0	15.06
		30.0	62.4	9.36	74.9	11.02	87.4	12.60	93.6	13.37	106.1	14.85	118.6	16.26	131.0	17.61
		35.0	62.4	12.56	74.9	14.73	87.4	16.80	93.6	17.80	106.1	19.72	118.6	21.55	131.0	23.29
		40.0	62.4	15.50	74.9	18.14	87.4	20.63	93.6	21.83	106.1	24.14	118.6	26.34	131.0	28.43
		43.0	62.4	17.32	74.9	20.23	87.4	22.98	93.6	24.30	106.1	26.85	118.6	29.27	131.0	31.58
		46.0	62.4	18.75	74.9	21.73	87.4	24.64	93.6	26.07	106.1	28.87	118.6	31.61	131.0	34.28
		52.0	44.9	16.02	48.9	16.19	53.6	16.49	56.2	16.68	61.9	17.12	68.2	17.61	75.1	18.13

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	52.0	3.86	62.4	5.28	72.8	6.69	78.0	7.38	88.4	8.75	98.8	10.10	109.2	11.43
		-5.0	52.0	3.86	62.4	5.29	72.8	6.70	78.0	7.39	88.4	8.76	98.8	10.11	109.2	11.44
		0.0	52.0	3.87	62.4	5.30	72.8	6.71	78.0	7.40	88.4	8.78	98.8	10.13	109.2	11.45
		5.0	52.0	3.89	62.4	5.32	72.8	6.72	78.0	7.42	88.4	8.79	98.8	10.14	109.2	11.47
		10.0	52.0	3.91	62.4	5.34	72.8	6.75	78.0	7.44	88.4	8.82	98.8	10.17	109.2	11.49
		15.0	52.0	3.94	62.4	5.37	72.8	6.78	78.0	7.47	88.4	8.85	98.8	10.20	109.2	11.52
		20.0	52.0	3.99	62.4	5.42	72.8	6.83	78.0	7.53	88.4	8.89	98.8	10.24	109.2	11.56
		25.0	52.0	4.14	62.4	5.58	72.8	6.99	78.0	7.69	88.4	9.06	98.8	10.41	109.2	11.74
		30.0	52.0	7.08	62.4	8.11	72.8	8.83	78.0	9.30	88.4	10.35	98.8	11.48	109.2	12.64
		35.0	52.0	9.67	62.4	11.19	72.8	12.58	78.0	13.23	88.4	14.45	98.8	15.56	109.2	16.58
		40.0	52.0	12.12	62.4	14.02	72.8	15.76	78.0	16.58	88.4	18.12	98.8	19.53	109.2	20.82
		43.0	52.0	13.63	62.4	15.76	72.8	17.72	78.0	18.64	88.4	20.37	98.8	21.96	109.2	23.43
		46.0	52.0	15.13	62.4	17.24	72.8	19.23	78.0	20.18	88.4	22.00	98.8	23.72	109.2	25.33
		52.0	44.9	16.02	48.9	16.19	53.6	16.49	56.2	16.68	61.9	17.12	68.2	17.61	75.1	18.13

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	41.6	2.42	49.9	3.58	58.2	4.73	62.4	5.29	70.7	6.42	79.0	7.52	87.4	8.62
		-5.0	41.6	2.43	49.9	3.59	58.2	4.73	62.4	5.30	70.7	6.42	79.0	7.53	87.4	8.63
		0.0	41.6	2.43	49.9	3.60	58.2	4.74	62.4	5.31	70.7	6.43	79.0	7.54	87.4	8.64
		5.0	41.6	2.44	49.9	3.61	58.2	4.76	62.4	5.32	70.7	6.45	79.0	7.56	87.4	8.66
		10.0	41.6	2.46	49.9	3.62	58.2	4.77	62.4	5.34	70.7	6.46	79.0	7.58	87.4	8.68
		15.0	41.6	2.48	49.9	3.65	58.2	4.80	62.4	5.36	70.7	6.49	79.0	7.60	87.4	8.71
		20.0	41.6	2.52	49.9	3.68	58.2	4.83	62.4	5.40	70.7	6.52	79.0	7.64	87.4	8.75
		25.0	41.6	2.60	49.9	3.76	58.2	4.90	62.4	5.46	70.7	6.58	79.0	7.69	87.4	8.82
		30.0	41.6	3.66	49.9	4.40	58.2	5.34	62.4	5.84	70.7	6.86	79.0	8.02	87.4	9.28
		35.0	41.6	7.08	49.9	8.07	58.2	8.92	62.4	9.30	70.7	9.98	79.0	10.83	87.4	11.92
		40.0	41.6	9.03	49.9	10.31	58.2	11.43	62.4	11.94	70.7	12.85	79.0	13.64	87.4	14.32
		43.0	41.6	10.23	49.9	11.70	58.2	12.99	62.4	13.58	70.7	14.64	79.0	15.58	87.4	16.38
		46.0	41.6	11.92	49.9	13.33	58.2	14.61	62.4	15.20	70.7	16.28	79.0	17.26	87.4	18.12
		52.0	41.6	14.19	48.9	16.19	53.6	16.49	56.2	16.68	61.9	17.12	68.2	17.61	75.1	18.13

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	31.2	0.96	37.4	1.84	43.7	2.73	46.8	3.17	53.0	4.04	59.3	4.90	65.5	5.74
		-5.0	31.2	0.96	37.4	1.85	43.7	2.73	46.8	3.18	53.0	4.05	59.3	4.91	65.5	5.76
		0.0	31.2	0.97	37.4	1.85	43.7	2.74	46.8	3.18	53.0	4.06	59.3	4.92	65.5	5.77
		5.0	31.2	0.97	37.4	1.86	43.7	2.75	46.8	3.20	53.0	4.08	59.3	4.94	65.5	5.79
		10.0	31.2	0.98	37.4	1.87	43.7	2.76	46.8	3.21	53.0	4.10	59.3	4.96	65.5	5.81
		15.0	31.2	1.00	37.4	1.89	43.7	2.78	46.8	3.23	53.0	4.12	59.3	4.99	65.5	5.85
		20.0	31.2	1.03	37.4	1.91	43.7	2.81	46.8	3.27	53.0	4.16	59.3	5.03	65.5	5.88
		25.0	31.2	1.08	37.4	1.96	43.7	2.86	46.8	3.32	53.0	4.21	59.3	5.12	65.5	6.04
		30.0	31.2	1.24	37.4	2.06	43.7	2.98	46.8	3.51	53.0	4.59	59.3	5.64	65.5	6.64
		35.0	31.2	4.80	37.4	5.37	43.7	6.03	46.8	6.47	53.0	7.33	59.3	8.17	65.5	9.01
		40.0	31.2	6.24	37.4	7.02	43.7	7.65	46.8	7.92	53.0	8.38	59.3	8.73	65.5	9.01
		43.0	31.2	7.14	37.4	8.05	43.7	8.81	46.8	9.14	53.0	9.70	59.3	10.14	65.5	10.48
		46.0	31.2	9.09	37.4	9.95	43.7	10.69	46.8	11.01	53.0	11.58	59.3	12.04	65.5	12.41
		52.0	31.2	10.71	37.4	11.83	43.7	12.81	46.8	13.25	53.0	13.69	59.3	13.92	65.5	14.01

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-50. 56HP (Heating) U-12ME2E8+U-12ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	100%	-24.9	-25.0	123.4	41.95	120.2	41.20	113.8	39.63	110.6	38.80	100.5	36.11	93.6	34.15	75.3	28.61
		-19.8	-20.0	129.5	42.89	126.3	42.12	119.6	40.48	116.2	39.62	105.7	36.82	98.4	34.80	79.3	29.08
		-14.7	-15.0	138.2	44.31	134.8	43.50	127.7	41.75	124.1	40.84	113.0	37.91	105.3	35.78	84.9	29.80
		-9.6	-10.0	150.0	46.51	146.3	45.62	138.7	43.62	134.8	42.52	122.8	39.43	114.5	37.15	92.4	30.79
		-4.4	-5.0	165.3	48.50	161.2	47.63	152.9	45.74	148.6	44.73	135.4	41.41	126.2	38.97	101.7	32.14
		-1.8	-2.5	174.4	49.33	170.1	48.40	161.3	46.44	156.8	45.39	142.8	41.99	133.1	39.50	107.3	32.58
		0.8	0.0	184.5	50.09	179.9	49.12	170.6	47.07	165.8	45.97	151.1	42.47	140.9	39.93	110.2	31.44
		2.8	2.0	195.4	50.85	190.6	49.84	180.9	47.74	175.0	46.21	155.6	40.94	142.6	37.50	110.2	29.12
		6.0	5.0	200.9	46.46	194.4	44.91	181.5	41.86	175.0	40.35	155.6	35.88	142.6	32.90	110.2	25.73
		7.0	6.0	200.9	44.20	194.4	42.74	181.5	39.87	175.0	38.40	155.6	34.19	142.6	31.43	110.2	24.65
		8.6	7.5	200.9	40.82	194.4	39.50	181.5	36.90	175.0	35.61	155.6	31.79	142.6	29.28	110.2	23.10
		11.2	10.0	200.9	35.57	194.4	34.48	181.5	32.33	175.0	31.26	155.6	28.07	142.6	25.96	110.2	20.68
		16.4	15.0	200.9	26.38	194.4	25.68	181.5	24.28	175.0	23.56	155.6	21.39	142.6	19.90	110.2	16.07
		24.0	18.0	200.9	22.36	194.4	21.70	181.5	20.40	175.0	19.75	155.6	17.79	142.6	16.49	110.2	13.23

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
				kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	123.4	41.95	120.2	41.20	113.8	39.63	110.6	38.80	100.5	36.11	93.6	34.15	75.3	28.61
		-19.8	-20.0	129.5	42.89	126.3	42.12	119.6	40.48	116.2	39.62	105.7	36.82	98.4	34.80	79.3	29.08
		-14.7	-15.0	138.2	44.31	134.8	43.50	127.7	41.75	124.1	40.84	113.0	37.91	105.3	35.78	84.9	29.80
		-9.6	-10.0	150.0	46.51	146.3	45.62	138.7	43.62	134.8	42.52	122.8	39.43	114.5	37.15	92.4	30.79
		-4.4	-5.0	165.3	48.50	161.2	47.63	152.9	45.74	148.6	44.73	135.4	41.41	126.2	38.97	99.2	30.04
		-1.8	-2.5	174.4	49.33	170.1	48.40	161.3	46.44	156.8	45.39	140.0	38.31	128.3	35.43	99.2	28.15
		0.8	0.0	180.8	44.34	175.0	43.07	163.3	40.53	157.5	39.25	140.0	35.39	128.3	32.79	99.2	26.18
		2.8	2.0	180.8	40.37	175.0	39.26	163.3	37.02	157.5	35.89	140.0	32.47	128.3	30.18	99.2	24.42
		6.0	5.0	180.8	34.99	175.0	34.20	163.3	32.53	157.5	31.66	140.0	28.95	128.3	26.95	99.2	21.70
		7.0	6.0	180.8	34.14	175.0	33.22	163.3	31.37	157.5	30.44	140.0	27.62	128.3	25.70	99.2	20.78
		8.6	7.5	180.8	31.36	175.0	30.56	163.3	28.93	157.5	28.11	140.0	25.60	128.3	23.89	99.2	19.44
		11.2	10.0	180.8	27.00	175.0	26.38	163.3	25.11	157.5	24.46	140.0	22.45	128.3	21.06	99.2	17.35
		16.4	15.0	180.8	20.34	175.0	19.75	163.3	18.57	157.5	18.03	140.0	16.77	128.3	15.86	99.2	13.30
		24.0	18.0	180.8	20.34	175.0	19.75	163.3	18.57	157.5	17.99	140.0	16.23	128.3	15.05	99.2	12.12

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	80%	-24.9	-25.0	123.4	41.95	120.2	41.20	113.8	39.63	110.6	38.80	100.5	36.11	93.6	34.15	75.3	28.61
		-19.8	-20.0	129.5	42.89	126.3	42.12	119.6	40.48	116.2	39.62	105.7	36.82	98.4	34.80	79.3	29.08
		-14.7	-15.0	138.2	44.31	134.8	43.50	127.7	41.75	124.1	40.84	113.0	37.91	105.3	35.78	84.9	29.80
		-9.6	-10.0	150.0	46.51	146.3	45.62	138.7	43.62	134.8	42.52	122.8	39.43	114.1	37.15	88.1	27.82
		-4.4	-5.0	160.7	39.59	155.6	38.66	145.2	36.75	140.0	35.77	124.4	32.72	114.1	30.60	88.1	24.96
		-1.8	-2.5	160.7	36.51	155.6	35.69	145.2	34.01	140.0	33.14	124.4	30.41	114.1	28.50	88.1	23.49
		0.8	0.0	160.7	33.16	155.6	32.54	145.2	31.22	140.0	30.51	124.4	28.23	114.1	26.58	88.1	22.00
		2.8	2.0	160.7	30.57	155.6	30.02	145.2	28.85	140.0	28.21	124.4	26.18	114.1	24.68	88.1	20.51
		6.0	5.0	160.7	26.88	155.6	26.44	145.2	25.48	140.0	24.96	124.4	23.22	114.1	21.90	88.1	18.18
		7.0	6.0	160.7	25.99	155.6	25.48	145.2	24.42	140.0	23.86	124.4	22.10	114.1	20.85	88.1	17.40
		8.6	7.5	160.7	23.69	155.6	23.27	145.2	22.39	140.0	21.92	124.4	20.41	114.1	19.32	88.1	16.26
		11.2	10.0	160.7	20.15	155.6	19.86	145.2	19.24	140.0	18.90	124.4	17.78	114.1	16.94	88.1	14.47
		16.4	15.0	160.7	18.31	155.6	17.79	145.2	16.75	140.0	16.23	124.4	14.66	114.1	13.62	88.1	11.01
		24.0	18.0	160.7	18.31	155.6	17.79	145.2	16.75	140.0	16.23	124.4	14.66	114.1	13.62	88.1	11.01

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	70%	-24.9	-25.0	123.4	41.95	120.2	41.20	113.8	39.63	110.6	38.80	100.5	36.11	93.6	34.15	75.3	28.61
		-19.8	-20.0	129.5	42.89	126.3	42.12	119.6	40.48	116.2	39.62	105.7	36.82	98.4	34.80	77.1	26.14
		-14.7	-15.0	138.2	44.31	134.8	43.50	127.0	35.93	122.5	35.09	108.9	32.41	99.8	30.48	77.1	25.01
		-9.6	-10.0	140.6	34.35	136.1	33.72	127.0	32.38	122.5	31.67	108.9	29.37	99.8	27.71	77.1	23.19
		-4.4	-5.0	140.6	30.04	136.1	29.60	127.0	28.61	122.5	28.07	108.9	26.26	99.8	24.89	77.1	20.93
		-1.8	-2.5	140.6	27.94	136.1	27.55	127.0	26.67	122.5	26.19	108.9	24.56	99.8	23.32	77.1	19.69
		0.8	0.0	140.6	25.73	136.1	25.40	127.0	24.64	122.5	24.22	108.9	22.78	99.8	21.67	77.1	18.39
		2.8	2.0	140.6	23.54	136.1	23.27	127.0	22.64	122.5	22.28	108.9	21.03	99.8	20.06	77.1	17.11
		6.0	5.0	140.6	20.42	136.1	20.22	127.0	19.75	122.5	19.48	108.9	18.46	99.8	17.63	77.1	15.05
		7.0	6.0	140.6	19.46	136.1	19.25	127.0	18.76	122.5	18.48	108.9	17.51	99.8	16.76	77.1	14.46
		8.6	7.5	140.6	17.63	136.1	17.48	127.0	17.11	122.5	16.89	108.9	16.12	99.8	15.49	77.1	13.51
		11.2	10.0	140.6	16.29	136.1	15.84	127.0	14.92	122.5	14.49	108.9	13.97	99.8	13.52	77.1	12.00
		16.4	15.0	140.6	16.29	136.1	15.84	127.0	14.92	122.5	14.47	108.9	13.10	99.8	12.19	77.1	9.90
24.0	18.0	140.6	16.29	136.1	15.84	127.0	14.92	122.5	14.47	108.9	13.10	99.8	12.19	77.1	9.90		

3. Part Load of Outdoor Unit

56HP (Heating) U-12ME2E8+U-12ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI
100%	60%	-24.9	-25.0	120.6	33.68	116.7	33.14	108.9	31.98	105.0	31.35	93.3	29.21	85.6	27.50	66.1	22.61
		-19.8	-20.0	120.6	31.65	116.7	31.18	108.9	30.13	105.0	29.56	93.3	27.75	85.6	26.35	66.1	21.91
		-14.7	-15.0	120.6	29.30	116.7	28.93	108.9	28.07	105.0	27.60	93.3	25.96	85.6	24.69	66.1	20.94
		-9.6	-10.0	120.6	26.59	116.7	26.28	108.9	25.58	105.0	25.18	93.3	23.77	85.6	22.66	66.1	19.32
		-4.4	-5.0	120.6	23.40	116.7	23.17	108.9	22.63	105.0	22.31	93.3	21.16	85.6	20.25	66.1	17.41
		-1.8	-2.5	120.6	21.64	116.7	21.46	108.9	21.00	105.0	20.73	93.3	19.73	85.6	18.92	66.1	16.35
		0.8	0.0	120.6	19.80	116.7	19.66	108.9	19.31	105.0	19.09	93.3	18.25	85.6	17.54	66.1	15.26
		2.8	2.0	120.6	17.98	116.7	17.89	108.9	17.64	105.0	17.47	93.3	16.79	85.6	16.18	66.1	14.17
		6.0	5.0	120.6	15.38	116.7	15.33	108.9	15.14	105.0	15.02	93.3	14.51	85.6	14.05	66.1	12.33
		7.0	6.0	120.6	14.41	116.7	14.37	108.9	14.24	105.0	14.15	93.3	13.74	85.6	13.34	66.1	11.92
		8.6	7.5	120.6	14.27	116.7	13.88	108.9	13.10	105.0	12.91	93.3	12.62	85.6	12.32	66.1	11.13
		11.2	10.0	120.6	14.27	116.7	13.88	108.9	13.10	105.0	12.71	93.3	11.53	85.6	10.75	66.1	9.88
		16.4	15.0	120.6	14.27	116.7	13.88	108.9	13.10	105.0	12.71	93.3	11.53	85.6	10.75	66.1	8.79
		24.0	18.0	120.6	14.27	116.7	13.88	108.9	13.10	105.0	12.71	93.3	11.53	85.6	10.75	66.1	8.79

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI
100%	50%	-24.9	-25.0	100.5	26.09	97.2	25.81	90.7	25.14	87.5	24.76	77.8	23.43	71.3	22.37	55.1	18.77
		-19.8	-20.0	100.5	24.70	97.2	24.46	90.7	23.86	87.5	23.52	77.8	22.29	71.3	21.32	55.1	18.26
		-14.7	-15.0	100.5	22.87	97.2	22.67	90.7	22.18	87.5	21.89	77.8	20.82	71.3	19.95	55.1	17.21
		-9.6	-10.0	100.5	20.65	97.2	20.50	90.7	20.12	87.5	19.88	77.8	19.00	71.3	18.26	55.1	15.87
		-4.4	-5.0	100.5	18.04	97.2	17.95	90.7	17.70	87.5	17.53	77.8	16.86	71.3	16.27	55.1	14.28
		-1.8	-2.5	100.5	16.60	97.2	16.55	90.7	16.38	87.5	16.25	77.8	15.69	71.3	15.18	55.1	13.41
		0.8	0.0	100.5	15.10	97.2	15.09	90.7	15.00	87.5	14.90	77.8	14.47	71.3	14.05	55.1	12.51
		2.8	2.0	100.5	13.64	97.2	13.66	90.7	13.63	87.5	13.58	77.8	13.23	71.3	12.87	55.1	11.54
		6.0	5.0	100.5	12.25	97.2	11.92	90.7	11.42	87.5	11.41	77.8	11.27	71.3	11.07	55.1	10.07
		7.0	6.0	100.5	12.25	97.2	11.92	90.7	11.27	87.5	10.95	77.8	10.67	71.3	10.51	55.1	9.71
		8.6	7.5	100.5	12.25	97.2	11.92	90.7	11.27	87.5	10.95	77.8	9.97	71.3	9.72	55.1	9.08
		11.2	10.0	100.5	12.25	97.2	11.92	90.7	11.27	87.5	10.95	77.8	9.97	71.3	9.32	55.1	8.08
		16.4	15.0	100.5	12.25	97.2	11.92	90.7	11.27	87.5	10.95	77.8	9.97	71.3	9.32	55.1	7.69
		24.0	18.0	100.5	12.25	97.2	11.92	90.7	11.27	87.5	10.95	77.8	9.97	71.3	9.32	55.1	7.69

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI
100%	40%	-24.9	-25.0	80.4	20.05	77.8	19.90	72.6	19.51	70.0	19.27	62.2	18.39	57.0	17.67	44.1	15.23
		-19.8	-20.0	80.4	18.94	77.8	18.81	72.6	18.49	70.0	18.28	62.2	17.49	57.0	16.83	44.1	14.68
		-14.7	-15.0	80.4	17.50	77.8	17.41	72.6	17.15	70.0	16.99	62.2	16.32	57.0	15.74	44.1	13.80
		-9.6	-10.0	80.4	15.75	77.8	15.69	72.6	15.52	70.0	15.40	62.2	14.87	57.0	14.40	44.1	12.73
		-4.4	-5.0	80.4	13.68	77.8	13.68	72.6	13.61	70.0	13.54	62.2	13.18	57.0	12.82	44.1	11.47
		-1.8	-2.5	80.4	12.55	77.8	12.58	72.6	12.57	70.0	12.52	62.2	12.26	57.0	11.94	44.1	10.75
		0.8	0.0	80.4	11.30	77.8	11.34	72.6	11.37	70.0	11.36	62.2	11.18	57.0	10.95	44.1	9.97
		2.8	2.0	80.4	10.23	77.8	10.08	72.6	10.17	70.0	10.18	62.2	10.12	57.0	9.97	44.1	9.21
		6.0	5.0	80.4	10.23	77.8	9.97	72.6	9.45	70.0	9.19	62.2	8.65	57.0	8.61	44.1	8.11
		7.0	6.0	80.4	10.23	77.8	9.97	72.6	9.45	70.0	9.19	62.2	8.40	57.0	8.19	44.1	7.79
		8.6	7.5	80.4	10.23	77.8	9.97	72.6	9.45	70.0	9.19	62.2	8.40	57.0	7.88	44.1	7.31
		11.2	10.0	80.4	10.23	77.8	9.97	72.6	9.45	70.0	9.19	62.2	8.40	57.0	7.88	44.1	6.58
		16.4	15.0	80.4	10.23	77.8	9.97	72.6	9.45	70.0	9.19	62.2	8.40	57.0	7.88	44.1	6.58
		24.0	18.0	80.4	10.23	77.8	9.97	72.6	9.45	70.0	9.19	62.2	8.40	57.0	7.88	44.1	6.58

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI
100%	30%	-24.9	-25.0	60.3	14.79	58.3	14.73	54.4	14.52	52.5	14.39	46.7	13.84	42.8	13.38	33.1	11.77
		-19.8	-20.0	60.3	13.97	58.3	13.92	54.4	13.76	52.5	13.64	46.7	13.18	42.8	12.75	33.1	11.30
		-14.7	-15.0	60.3	12.90	58.3	12.87	54.4	12.76	52.5	12.68	46.7	12.30	42.8	11.94	33.1	10.64
		-9.6	-10.0	60.3	11.60	58.3	11.60	54.4	11.54	52.5	11.48	46.7	11.19	42.8	10.90	33.1	9.82
		-4.4	-5.0	60.3	9.91	58.3	9.95	54.4	9.99	52.5	9.97	46.7	9.83	42.8	9.64	33.1	8.81
		-1.8	-2.5	60.3	9.00	58.3	9.06	54.4	9.14	52.5	9.15	46.7	9.09	42.8	8.95	33.1	8.27
		0.8	0.0	60.3	8.21	58.3	8.15	54.4	8.26	52.5	8.30	46.7	8.32	42.8	8.24	33.1	7.70
		2.8	2.0	60.3	8.21	58.3	8.01	54.4	7.62	52.5	7.49	46.7	7.56	42.8	7.54	33.1	7.15
		6.0	5.0	60.3	8.21	58.3	8.01	54.4	7.62	52.5	7.43	46.7	6.84	42.8	6.57	33.1	6.37
		7.0	6.0	60.3	8.21	58.3	8.01	54.4	7.62	52.5	7.43	46.7	6.84	42.8	6.45	33.1	6.13
		8.6	7.5	60.3	8.21	58.3	8.01	54.4	7.62	52.5	7.43	46.7	6.84	42.8	6.45	33.1	5.78
		11.2	10.0	60.3	8.21	58.3	8.01	54.4	7.62	52.5	7.43	46.7	6.84	42.8	6.45	33.1	5.47
		16.4	15.0	60.3	8.21	58.3	8.01	54.4	7.62	52.5	7.43	46.7	6.84	42.8	6.45	33.1	5.47
		24.0	18.0	60.3	8.21	58.3	8.01	54.4	7.62	52.5	7.43	46.7	6.84	42.8	6.45	33.1	5.47

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-51. 58HP (Cooling) U-10ME2E8+U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	108.0	12.31	129.6	14.77	151.2	17.23	162.0	18.46	183.6	20.92	205.2	23.39	226.8	25.84
		-5.0	108.0	12.32	129.6	14.79	151.2	17.25	162.0	18.48	183.6	20.95	205.2	23.41	226.8	25.86
		0.0	108.0	12.34	129.6	14.81	151.2	17.28	162.0	18.51	183.6	20.97	205.2	23.45	226.8	25.92
		5.0	108.0	12.38	129.6	14.84	151.2	17.31	162.0	18.56	183.6	21.07	205.2	23.61	226.8	26.11
		10.0	108.0	12.42	129.6	14.92	151.2	17.48	162.0	18.77	183.6	21.38	205.2	24.03	226.8	26.58
		15.0	108.0	12.64	129.6	15.34	151.2	18.10	162.0	19.49	183.6	22.31	205.2	25.15	226.8	27.79
		20.0	108.0	14.02	129.6	17.14	151.2	20.79	162.0	22.76	183.6	27.00	205.2	31.66	226.8	36.72
		25.0	108.0	17.93	129.6	22.21	151.2	26.91	162.0	29.41	183.6	34.74	205.2	40.50	226.8	46.68
		30.0	108.0	22.54	129.6	27.85	151.2	33.61	162.0	36.66	183.6	43.09	205.2	49.99	226.8	57.36
		35.0	108.0	27.49	129.6	33.90	151.2	40.80	162.0	44.44	183.6	52.08	205.2	60.23	216.7	62.16
		40.0	108.0	32.82	129.6	40.42	151.2	48.56	162.0	52.83	183.6	61.78	191.9	62.15	200.2	62.15
		43.0	108.0	36.21	129.6	44.57	151.2	53.51	162.0	58.20	175.1	62.15	183.5	62.15	187.7	59.18
		46.0	106.9	39.39	128.3	48.50	136.3	49.34	137.7	48.01	141.4	45.79	146.1	44.05	151.7	42.67
		52.0	46.6	16.72	50.7	16.89	55.6	17.21	58.3	17.41	64.3	17.88	70.8	18.40	78.0	18.95

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	97.2	9.95	116.6	12.48	136.1	14.94	145.8	16.15	165.2	18.53	184.7	20.86	204.1	23.13
		-5.0	97.2	9.96	116.6	12.50	136.1	14.96	145.8	16.18	165.2	18.55	184.7	20.88	204.1	23.15
		0.0	97.2	9.98	116.6	12.52	136.1	14.99	145.8	16.20	165.2	18.58	184.7	20.90	204.1	23.18
		5.0	97.2	10.01	116.6	12.55	136.1	15.03	145.8	16.23	165.2	18.62	184.7	20.96	204.1	23.27
		10.0	97.2	10.06	116.6	12.59	136.1	15.09	145.8	16.32	165.2	18.76	184.7	21.17	204.1	23.53
		15.0	97.2	10.16	116.6	12.80	136.1	15.42	145.8	16.71	165.2	19.27	184.7	21.77	204.1	24.23
		20.0	97.2	10.98	116.6	13.91	136.1	16.77	145.8	18.17	165.2	20.89	184.7	24.04	204.1	27.41
		25.0	97.2	14.45	116.6	17.94	136.1	21.57	145.8	23.42	165.2	27.22	184.7	31.12	204.1	35.12
		30.0	97.2	18.73	116.6	22.96	136.1	27.27	145.8	29.45	165.2	33.88	184.7	38.41	204.1	43.05
		35.0	97.2	24.04	116.6	29.16	136.1	34.34	145.8	36.95	165.2	42.25	184.7	47.69	204.1	53.33
		40.0	97.2	28.76	116.6	34.64	136.1	40.56	145.8	43.55	165.2	49.67	184.7	56.05	200.2	62.15
		43.0	97.2	31.67	116.6	38.02	136.1	44.43	145.8	47.70	165.2	54.41	183.5	62.15	187.7	59.18
		46.0	97.2	33.94	116.6	41.24	136.1	48.88	137.7	48.01	141.4	45.79	146.1	44.05	151.7	42.67
		52.0	46.6	16.72	50.7	16.89	55.6	17.21	58.3	17.41	64.3	17.88	70.8	18.40	78.0	18.95

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	86.4	8.53	103.7	10.82	121.0	13.06	129.6	14.16	146.9	16.32	164.2	18.44	181.4	20.52
		-5.0	86.4	8.54	103.7	10.83	121.0	13.07	129.6	14.17	146.9	16.34	164.2	18.46	181.4	20.54
		0.0	86.4	8.56	103.7	10.85	121.0	13.09	129.6	14.20	146.9	16.37	164.2	18.49	181.4	20.57
		5.0	86.4	8.58	103.7	10.88	121.0	13.12	129.6	14.23	146.9	16.40	164.2	18.52	181.4	20.60
		10.0	86.4	8.62	103.7	10.92	121.0	13.16	129.6	14.26	146.9	16.44	164.2	18.59	181.4	20.70
		15.0	86.4	8.67	103.7	10.99	121.0	13.29	129.6	14.42	146.9	16.66	164.2	18.87	181.4	21.03
		20.0	86.4	9.03	103.7	11.52	121.0	13.96	129.6	15.15	146.9	17.50	164.2	19.78	181.4	22.01
		25.0	86.4	11.66	103.7	14.30	121.0	16.99	129.6	18.36	146.9	21.11	164.2	23.90	181.4	26.73
		30.0	86.4	15.39	103.7	18.69	121.0	21.99	129.6	23.65	146.9	26.97	164.2	30.30	181.4	33.64
		35.0	86.4	20.07	103.7	24.14	121.0	28.18	129.6	30.20	146.9	34.21	164.2	38.22	181.4	42.24
		40.0	86.4	24.25	103.7	28.98	121.0	33.64	129.6	35.96	146.9	40.58	164.2	45.21	181.4	49.91
		43.0	86.4	26.84	103.7	31.96	121.0	37.02	129.6	39.54	146.9	44.57	164.2	49.66	181.4	54.87
		46.0	86.4	28.66	103.7	34.34	121.0	40.17	129.6	43.14	141.4	45.79	146.1	44.05	151.7	42.67
		52.0	46.6	16.72	50.7	16.89	55.6	17.21	58.3	17.41	64.3	17.88	70.8	18.40	78.0	18.95

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	75.6	7.08	90.7	9.12	105.8	11.12	113.4	12.11	128.5	14.05	143.6	15.96	158.8	17.83
		-5.0	75.6	7.09	90.7	9.14	105.8	11.14	113.4	12.12	128.5	14.07	143.6	15.97	158.8	17.84
		0.0	75.6	7.11	90.7	9.15	105.8	11.16	113.4	12.14	128.5	14.09	143.6	15.99	158.8	17.86
		5.0	75.6	7.13	90.7	9.17	105.8	11.18	113.4	12.17	128.5	14.11	143.6	16.02	158.8	17.89
		10.0	75.6	7.16	90.7	9.21	105.8	11.22	113.4	12.20	128.5	14.15	143.6	16.05	158.8	17.92
		15.0	75.6	7.21	90.7	9.26	105.8	11.26	113.4	12.25	128.5	14.21	143.6	16.14	158.8	18.04
		20.0	75.6	7.33	90.7	9.44	105.8	11.52	113.4	12.55	128.5	14.57	143.6	16.54	158.8	18.48
		25.0	75.6	8.80	90.7	10.98	105.8	13.08	113.4	14.10	128.5	16.09	143.6	18.02	158.8	19.91
		30.0	75.6	12.35	90.7	14.82	105.8	17.25	113.4	18.45	128.5	20.82	143.6	23.14	158.8	25.43
		35.0	75.6	16.38	90.7	19.52	105.8	22.58	113.4	24.08	128.5	27.03	143.6	29.91	158.8	32.73
		40.0	75.6	20.04	90.7	23.75	105.8	27.33	113.4	29.08	128.5	32.52	143.6	35.87	158.8	39.16
		43.0	75.6	22.30	90.7	26.35	105.8	30.26	113.4	32.17	128.5	35.92	143.6	39.58	158.8	43.19
		46.0	75.6	23.89	90.7	28.20	105.8	32.52	113.4	34.68	128.5	39.02	143.6	41.80	151.7	42.67
		52.0	46.6	16.72	50.7	16.89	55.6	17.21	58.3	17.41	64.3	17.88	70.8	18.40	78.0	18.95

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

58HP (Cooling) U-10ME2E8+U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	64.8	5.61	77.8	7.39	90.7	9.14	97.2	10.01	110.2	11.71	123.1	13.39	136.1	15.03
		-5.0	64.8	5.62	77.8	7.40	90.7	9.16	97.2	10.02	110.2	11.73	123.1	13.40	136.1	15.05
		0.0	64.8	5.63	77.8	7.42	90.7	9.17	97.2	10.04	110.2	11.74	123.1	13.42	136.1	15.06
		5.0	64.8	5.65	77.8	7.44	90.7	9.19	97.2	10.06	110.2	11.76	123.1	13.44	136.1	15.09
		10.0	64.8	5.67	77.8	7.46	90.7	9.22	97.2	10.08	110.2	11.79	123.1	13.47	136.1	15.12
		15.0	64.8	5.71	77.8	7.50	90.7	9.26	97.2	10.13	110.2	11.83	123.1	13.51	136.1	15.15
		20.0	64.8	5.78	77.8	7.57	90.7	9.33	97.2	10.20	110.2	11.93	123.1	13.62	136.1	15.29
		25.0	64.8	6.31	77.8	8.15	90.7	9.93	97.2	10.81	110.2	12.54	123.1	14.22	136.1	15.87
		30.0	64.8	9.61	77.8	11.38	90.7	13.07	97.2	13.88	110.2	15.45	123.1	16.95	136.1	18.39
		35.0	64.8	13.00	77.8	15.32	90.7	17.52	97.2	18.58	110.2	20.62	123.1	22.56	136.1	24.42
		40.0	64.8	16.14	77.8	18.94	90.7	21.59	97.2	22.87	110.2	25.32	123.1	27.66	136.1	29.88
		43.0	64.8	18.07	77.8	21.16	90.7	24.09	97.2	25.50	110.2	28.20	123.1	30.77	136.1	33.23
		46.0	64.8	19.61	77.8	22.78	90.7	25.87	97.2	27.38	110.2	30.36	123.1	33.26	136.1	36.10
		52.0	46.6	16.72	50.7	16.89	55.6	17.21	58.3	17.41	64.3	17.88	70.8	18.40	78.0	18.95

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	54.0	4.11	64.8	5.63	75.6	7.12	81.0	7.85	91.8	9.31	102.6	10.74	113.4	12.14
		-5.0	54.0	4.12	64.8	5.63	75.6	7.13	81.0	7.86	91.8	9.32	102.6	10.75	113.4	12.15
		0.0	54.0	4.13	64.8	5.65	75.6	7.14	81.0	7.87	91.8	9.33	102.6	10.76	113.4	12.17
		5.0	54.0	4.14	64.8	5.66	75.6	7.15	81.0	7.89	91.8	9.35	102.6	10.78	113.4	12.18
		10.0	54.0	4.16	64.8	5.68	75.6	7.17	81.0	7.91	91.8	9.37	102.6	10.80	113.4	12.20
		15.0	54.0	4.19	64.8	5.71	75.6	7.21	81.0	7.94	91.8	9.40	102.6	10.83	113.4	12.24
		20.0	54.0	4.25	64.8	5.76	75.6	7.26	81.0	8.00	91.8	9.45	102.6	10.87	113.4	12.27
		25.0	54.0	4.38	64.8	5.90	75.6	7.40	81.0	8.14	91.8	9.60	102.6	11.03	113.4	12.43
		30.0	54.0	7.19	64.8	8.30	75.6	9.13	81.0	9.65	91.8	10.80	102.6	12.02	113.4	13.27
		35.0	54.0	9.93	64.8	11.55	75.6	13.03	81.0	13.72	91.8	15.02	102.6	16.20	113.4	17.28
		40.0	54.0	12.53	64.8	14.56	75.6	16.41	81.0	17.28	91.8	18.92	102.6	20.42	113.4	21.79
		43.0	54.0	14.14	64.8	16.41	75.6	18.49	81.0	19.47	91.8	21.31	102.6	23.00	113.4	24.57
		46.0	54.0	15.77	64.8	18.01	75.6	20.12	81.0	21.13	91.8	23.06	102.6	24.88	113.4	26.60
		52.0	46.6	16.72	50.7	16.89	55.6	17.21	58.3	17.41	64.3	17.88	70.8	18.40	78.0	18.95

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	43.2	2.59	51.8	3.82	60.5	5.04	64.8	5.64	73.4	6.83	82.1	8.00	90.7	9.16
		-5.0	43.2	2.59	51.8	3.83	60.5	5.04	64.8	5.65	73.4	6.84	82.1	8.01	90.7	9.17
		0.0	43.2	2.60	51.8	3.84	60.5	5.05	64.8	5.66	73.4	6.85	82.1	8.02	90.7	9.19
		5.0	43.2	2.61	51.8	3.85	60.5	5.07	64.8	5.67	73.4	6.86	82.1	8.04	90.7	9.20
		10.0	43.2	2.63	51.8	3.86	60.5	5.08	64.8	5.68	73.4	6.87	82.1	8.05	90.7	9.22
		15.0	43.2	2.65	51.8	3.89	60.5	5.10	64.8	5.71	73.4	6.90	82.1	8.08	90.7	9.25
		20.0	43.2	2.69	51.8	3.92	60.5	5.14	64.8	5.74	73.4	6.93	82.1	8.12	90.7	9.29
		25.0	43.2	2.77	51.8	3.99	60.5	5.21	64.8	5.81	73.4	6.99	82.1	8.17	90.7	9.35
		30.0	43.2	3.74	51.8	4.58	60.5	5.60	64.8	6.14	73.4	7.24	82.1	8.46	90.7	9.77
		35.0	43.2	7.17	51.8	8.22	60.5	9.13	64.8	9.54	73.4	10.26	82.1	11.16	90.7	12.32
		40.0	43.2	9.24	51.8	10.61	60.5	11.80	64.8	12.34	73.4	13.31	82.1	14.16	90.7	14.88
		43.0	43.2	10.53	51.8	12.08	60.5	13.46	64.8	14.09	73.4	15.22	82.1	16.21	90.7	17.07
		46.0	43.2	12.36	51.8	13.86	60.5	15.21	64.8	15.84	73.4	16.99	82.1	18.02	90.7	18.94
		52.0	43.2	14.77	50.7	16.89	55.6	17.21	58.3	17.41	64.3	17.88	70.8	18.40	78.0	18.95

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	32.4	1.04	38.9	1.98	45.4	2.91	48.6	3.38	55.1	4.31	61.6	5.22	68.0	6.11
		-5.0	32.4	1.04	38.9	1.98	45.4	2.92	48.6	3.39	55.1	4.32	61.6	5.23	68.0	6.12
		0.0	32.4	1.05	38.9	1.99	45.4	2.93	48.6	3.40	55.1	4.33	61.6	5.24	68.0	6.14
		5.0	32.4	1.05	38.9	2.00	45.4	2.94	48.6	3.41	55.1	4.34	61.6	5.26	68.0	6.16
		10.0	32.4	1.06	38.9	2.01	45.4	2.95	48.6	3.43	55.1	4.36	61.6	5.28	68.0	6.18
		15.0	32.4	1.08	38.9	2.02	45.4	2.97	48.6	3.45	55.1	4.39	61.6	5.31	68.0	6.21
		20.0	32.4	1.11	38.9	2.05	45.4	3.00	48.6	3.48	55.1	4.43	61.6	5.35	68.0	6.25
		25.0	32.4	1.16	38.9	2.09	45.4	3.05	48.6	3.54	55.1	4.48	61.6	5.43	68.0	6.39
		30.0	32.4	1.31	38.9	2.20	45.4	3.16	48.6	3.71	55.1	4.81	61.6	5.90	68.0	6.94
		35.0	32.4	4.75	38.9	5.35	45.4	6.06	48.6	6.52	55.1	7.43	61.6	8.33	68.0	9.22
		40.0	32.4	6.28	38.9	7.10	45.4	7.78	48.6	8.07	55.1	8.55	61.6	8.93	68.0	9.22
		43.0	32.4	7.24	38.9	8.21	45.4	9.01	48.6	9.36	55.1	9.96	61.6	10.43	68.0	10.79
		46.0	32.4	9.35	38.9	10.26	45.4	11.05	48.6	11.39	55.1	11.99	61.6	12.49	68.0	12.87
		52.0	32.4	11.07	38.9	12.26	45.4	13.30	48.6	13.77	55.1	14.23	61.6	14.48	68.0	14.57

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-52. 58HP (Heating) U-10ME2E8+U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	100%	-24.9	-25.0	127.2	43.38	124.0	42.65	117.6	41.05	114.3	40.22	104.1	37.50	97.1	35.51	78.4	29.84
		-19.8	-20.0	133.4	44.28	130.1	43.51	123.4	41.86	120.0	41.00	109.4	38.18	102.0	36.13	82.5	30.31
		-14.7	-15.0	142.1	45.64	138.7	44.82	131.7	43.10	128.0	42.18	116.8	39.22	109.1	37.08	88.4	31.02
		-9.6	-10.0	154.1	47.51	150.4	46.47	142.8	44.87	139.0	43.88	126.9	40.73	118.5	38.44	96.1	32.01
		-4.4	-5.0	169.7	50.18	165.7	49.28	157.4	47.34	153.1	46.29	139.9	42.87	130.7	40.35	105.9	33.35
		-1.8	-2.5	179.1	51.16	174.8	50.24	166.1	48.24	161.6	47.18	147.6	43.69	137.8	41.14	111.7	34.01
		0.8	0.0	189.5	52.01	184.9	51.02	175.7	48.94	170.9	47.82	156.1	44.23	145.8	41.62	114.6	32.88
		2.8	2.0	200.6	52.78	195.8	51.74	186.1	49.57	181.1	48.43	161.8	43.12	148.3	39.41	114.6	30.48
		6.0	5.0	209.0	49.47	202.2	47.75	188.7	44.38	182.0	42.72	161.8	37.85	148.3	34.64	114.6	26.97
		7.0	6.0	209.0	47.09	202.2	45.47	188.7	42.29	182.0	40.70	161.8	36.09	148.3	33.10	114.6	25.86
		8.6	7.5	209.0	43.55	202.2	42.07	188.7	39.18	182.0	37.76	161.8	33.58	148.3	30.86	114.6	24.24
		11.2	10.0	209.0	37.96	202.2	36.74	188.7	34.33	182.0	33.15	161.8	29.65	148.3	27.36	114.6	21.72
		16.4	15.0	209.0	28.21	202.2	27.43	188.7	25.86	182.0	25.08	161.8	22.70	148.3	21.10	114.6	17.01
		24.0	18.0	209.0	23.05	202.2	22.42	188.7	21.17	182.0	20.54	161.8	18.59	148.3	17.25	114.6	13.82

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	127.2	43.38	124.0	42.65	117.6	41.05	114.3	40.22	104.1	37.50	97.1	35.51	78.4	29.84
		-19.8	-20.0	133.4	44.28	130.1	43.51	123.4	41.86	120.0	41.00	109.4	38.18	102.0	36.13	82.5	30.31
		-14.7	-15.0	142.1	45.64	138.7	44.82	131.7	43.10	128.0	42.18	116.8	39.22	109.1	37.08	88.4	31.02
		-9.6	-10.0	154.1	47.51	150.4	46.47	142.8	44.87	139.0	43.88	126.9	40.73	118.5	38.44	96.1	32.01
		-4.4	-5.0	169.7	50.18	165.7	49.28	157.4	47.34	153.1	46.29	139.9	42.87	130.7	40.35	103.1	31.32
		-1.8	-2.5	179.1	51.16	174.8	50.24	166.1	48.24	161.6	47.18	145.6	40.21	133.5	37.12	103.1	29.39
		0.8	0.0	188.1	46.97	182.0	45.57	169.9	42.77	163.8	41.37	145.6	37.18	133.5	34.38	103.1	27.35
		2.8	2.0	188.1	42.83	182.0	41.59	169.9	39.12	163.8	37.88	145.6	34.08	133.5	31.75	103.1	25.63
		6.0	5.0	188.1	37.19	182.0	36.30	169.9	34.48	163.8	33.54	145.6	30.61	133.5	28.41	103.1	22.78
		7.0	6.0	188.1	36.45	182.0	35.42	169.9	33.34	163.8	32.31	145.6	29.19	133.5	27.10	103.1	21.83
		8.6	7.5	188.1	33.51	182.0	32.60	169.9	30.77	163.8	29.85	145.6	27.07	133.5	25.21	103.1	20.44
		11.2	10.0	188.1	28.90	182.0	28.18	169.9	26.74	163.8	26.01	145.6	23.77	133.5	22.25	103.1	18.28
		16.4	15.0	188.1	21.01	182.0	20.54	169.9	19.71	163.8	19.27	145.6	17.89	133.5	16.89	103.1	14.15
		24.0	18.0	188.1	21.01	182.0	20.41	169.9	19.22	163.8	18.63	145.6	16.85	133.5	15.66	103.1	12.68

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	80%	-24.9	-25.0	127.2	43.38	124.0	42.65	117.6	41.05	114.3	40.22	104.1	37.50	97.1	35.51	78.4	29.84
		-19.8	-20.0	133.4	44.28	130.1	43.51	123.4	41.86	120.0	41.00	109.4	38.18	102.0	36.13	82.5	30.31
		-14.7	-15.0	142.1	45.64	138.7	44.82	131.7	43.10	128.0	42.18	116.8	39.22	109.1	37.08	88.4	31.02
		-9.6	-10.0	154.1	47.51	150.4	46.47	142.8	44.87	139.0	43.88	126.9	40.73	118.5	38.44	91.7	28.89
		-4.4	-5.0	167.2	41.73	161.8	40.71	151.0	38.62	145.6	37.55	129.4	34.25	118.6	31.98	91.7	26.03
		-1.8	-2.5	167.2	38.54	161.8	37.64	151.0	35.78	145.6	34.82	129.4	31.87	118.6	29.83	91.7	24.55
		0.8	0.0	167.2	35.19	161.8	34.32	151.0	32.88	145.6	32.11	129.4	29.66	118.6	27.89	91.7	23.04
		2.8	2.0	167.2	32.36	161.8	31.75	151.0	30.45	145.6	29.77	129.4	27.55	118.6	25.96	91.7	21.53
		6.0	5.0	167.2	28.58	161.8	28.09	151.0	27.02	145.6	26.45	129.4	24.57	118.6	23.12	91.7	19.13
		7.0	6.0	167.2	27.81	161.8	27.22	151.0	26.00	145.6	25.37	129.4	23.40	118.6	22.02	91.7	18.32
		8.6	7.5	167.2	25.40	161.8	24.90	151.0	23.87	145.6	23.33	129.4	21.64	118.6	20.43	91.7	17.14
		11.2	10.0	167.2	21.64	161.8	21.29	151.0	20.55	145.6	20.16	129.4	18.89	118.6	17.95	91.7	15.30
		16.4	15.0	167.2	18.96	161.8	18.43	151.0	17.37	145.6	16.85	129.4	15.26	118.6	14.20	91.7	11.74
		24.0	18.0	167.2	18.96	161.8	18.43	151.0	17.37	145.6	16.85	129.4	15.26	118.6	14.20	91.7	11.56

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	70%	-24.9	-25.0	127.2	43.38	124.0	42.65	117.6	41.05	114.3	40.22	104.1	37.50	97.1	35.51	78.4	29.84
		-19.8	-20.0	133.4	44.28	130.1	43.51	123.4	41.86	120.0	41.00	109.4	38.18	102.0	36.13	80.2	30.31
		-14.7	-15.0	142.1	45.64	138.7	44.82	131.7	43.10	127.4	42.18	113.2	33.78	103.8	31.71	80.2	25.88
		-9.6	-10.0	146.3	36.06	141.6	35.36	132.1	33.89	127.4	33.12	113.2	30.66	103.8	28.89	80.2	24.12
		-4.4	-5.0	146.3	31.50	141.6	31.02	132.1	29.95	127.4	29.37	113.2	27.44	103.8	25.99	80.2	21.84
		-1.8	-2.5	146.3	29.37	141.6	28.94	132.1	27.99	127.4	27.46	113.2	25.72	103.8	24.40	80.2	20.59
		0.8	0.0	146.3	27.13	141.6	26.75	132.1	25.92	127.4	25.46	113.2	23.91	103.8	22.73	80.2	19.28
		2.8	2.0	146.3	24.90	141.6	24.59	132.1	23.88	127.4	23.48	113.2	22.13	103.8	21.08	80.2	17.97
		6.0	5.0	146.3	21.72	141.6	21.50	132.1	20.97	127.4	20.66	113.2	19.56	103.8	18.66	80.2	15.95
		7.0	6.0	146.3	20.89	141.6	20.62	132.1	20.02	127.4	19.70	113.2	18.59	103.8	17.75	80.2	15.27
		8.6	7.5	146.3	18.96	141.6	18.76	132.1	18.30	127.4	18.04	113.2	17.14	103.8	16.43	80.2	14.28
		11.2	10.0	146.3	16.91	141.6	16.45	132.1	15.67	127.4	15.50	113.2	14.90	103.8	14.39	80.2	12.73
16.4	15.0	146.3	16.91	141.6	16.45	132.1	15.52	127.4	15.06	113.2	13.68	103.8	12.75	80.2	10.44		
24.0	18.0	146.3	16.91	141.6	16.45	132.1	15.52	127.4	15.06	113.2	13.68	103.8	12.75	80.2	10.44		

3. Part Load of Outdoor Unit

58HP (Heating) U-10ME2E8+U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	60%	-24.9	-25.0	125.4	35.14	121.3	34.55	113.2	33.30	109.2	32.62	97.1	30.30	89.0	28.42	68.8	23.44
		-19.8	-20.0	125.4	33.05	121.3	32.53	113.2	31.40	109.2	30.80	97.1	28.79	89.0	27.31	68.8	22.64
		-14.7	-15.0	125.4	30.47	121.3	30.07	113.2	29.17	109.2	28.66	97.1	26.95	89.0	25.64	68.8	21.75
		-9.6	-10.0	125.4	27.73	121.3	27.41	113.2	26.65	109.2	26.22	97.1	24.74	89.0	23.58	68.8	20.12
		-4.4	-5.0	125.4	24.51	121.3	24.26	113.2	23.66	109.2	23.32	97.1	22.11	89.0	21.14	68.8	18.18
		-1.8	-2.5	125.4	22.73	121.3	22.52	113.2	22.02	109.2	21.72	97.1	20.66	89.0	19.79	68.8	17.11
		0.8	0.0	125.4	20.85	121.3	20.70	113.2	20.30	109.2	20.05	97.1	19.15	89.0	18.39	68.8	16.00
		2.8	2.0	125.4	19.00	121.3	18.90	113.2	18.60	109.2	18.40	97.1	17.66	89.0	17.02	68.8	14.90
		6.0	5.0	125.4	16.37	121.3	16.32	113.2	16.14	109.2	16.01	97.1	15.44	89.0	14.92	68.8	13.11
		7.0	6.0	125.4	15.51	121.3	15.44	113.2	15.26	109.2	15.13	97.1	14.63	89.0	14.18	68.8	12.63
		8.6	7.5	125.4	14.86	121.3	14.47	113.2	13.92	109.2	13.84	97.1	13.47	89.0	13.12	68.8	11.82
		11.2	10.0	125.4	14.86	121.3	14.47	113.2	13.68	109.2	13.28	97.1	12.09	89.0	11.49	68.8	10.54
		16.4	15.0	125.4	14.86	121.3	14.47	113.2	13.68	109.2	13.28	97.1	12.09	89.0	11.30	68.8	9.32
		24.0	18.0	125.4	14.86	121.3	14.47	113.2	13.68	109.2	13.28	97.1	12.09	89.0	11.30	68.8	9.32

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	50%	-24.9	-25.0	104.5	27.04	101.1	26.74	94.4	26.04	91.0	25.65	80.9	24.27	74.1	23.18	57.3	19.47
		-19.8	-20.0	104.5	25.63	101.1	25.37	94.4	24.76	91.0	24.39	80.9	23.13	74.1	22.12	57.3	18.96
		-14.7	-15.0	104.5	23.80	101.1	23.58	94.4	23.06	91.0	22.75	80.9	21.64	74.1	20.73	57.3	17.92
		-9.6	-10.0	104.5	21.54	101.1	21.38	94.4	20.97	91.0	20.73	80.9	19.80	74.1	19.03	57.3	16.55
		-4.4	-5.0	104.5	18.90	101.1	18.80	94.4	18.52	91.0	18.34	80.9	17.63	74.1	17.01	57.3	14.95
		-1.8	-2.5	104.5	17.44	101.1	17.38	94.4	17.18	91.0	17.04	80.9	16.44	74.1	15.90	57.3	14.07
		0.8	0.0	104.5	15.92	101.1	15.90	94.4	15.78	91.0	15.67	80.9	15.21	74.1	14.76	57.3	13.15
		2.8	2.0	104.5	14.43	101.1	14.44	94.4	14.40	91.0	14.34	80.9	13.99	74.1	13.63	57.3	12.22
		6.0	5.0	104.5	12.82	101.1	12.49	94.4	12.26	91.0	12.23	80.9	12.04	74.1	11.81	57.3	10.70
		7.0	6.0	104.5	12.82	101.1	12.49	94.4	11.83	91.0	11.55	80.9	11.42	74.1	11.23	57.3	10.35
		8.6	7.5	104.5	12.82	101.1	12.49	94.4	11.83	91.0	11.50	80.9	10.53	74.1	10.40	57.3	9.70
		11.2	10.0	104.5	12.82	101.1	12.49	94.4	11.83	91.0	11.50	80.9	10.51	74.1	9.85	57.3	8.67
		16.4	15.0	104.5	12.82	101.1	12.49	94.4	11.83	91.0	11.50	80.9	10.51	74.1	9.85	57.3	8.19
		24.0	18.0	104.5	12.82	101.1	12.49	94.4	11.83	91.0	11.50	80.9	10.51	74.1	9.85	57.3	8.19

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	40%	-24.9	-25.0	83.6	20.83	80.9	20.67	75.5	20.26	72.8	20.02	64.7	19.11	59.3	18.37	45.8	15.86
		-19.8	-20.0	83.6	19.71	80.9	19.58	75.5	19.23	72.8	19.01	64.7	18.20	59.3	17.52	45.8	15.32
		-14.7	-15.0	83.6	18.25	80.9	18.15	75.5	17.88	72.8	17.71	64.7	17.02	59.3	16.42	45.8	14.44
		-9.6	-10.0	83.6	16.47	80.9	16.41	75.5	16.22	72.8	16.09	64.7	15.55	59.3	15.06	45.8	13.35
		-4.4	-5.0	83.6	14.39	80.9	14.38	75.5	14.29	72.8	14.21	64.7	13.84	59.3	13.46	45.8	12.07
		-1.8	-2.5	83.6	13.24	80.9	13.26	75.5	13.24	72.8	13.19	64.7	12.90	59.3	12.59	45.8	11.37
		0.8	0.0	83.6	12.06	80.9	12.11	75.5	12.14	72.8	12.12	64.7	11.91	59.3	11.65	45.8	10.60
		2.8	2.0	83.6	10.80	80.9	10.85	75.5	10.91	72.8	10.92	64.7	10.82	59.3	10.64	45.8	9.81
		6.0	5.0	83.6	10.77	80.9	10.51	75.5	9.98	72.8	9.71	64.7	9.30	59.3	9.24	45.8	8.67
		7.0	6.0	83.6	10.77	80.9	10.51	75.5	9.98	72.8	9.71	64.7	8.92	59.3	8.81	45.8	8.37
		8.6	7.5	83.6	10.77	80.9	10.51	75.5	9.98	72.8	9.71	64.7	8.92	59.3	8.39	45.8	7.87
		11.2	10.0	83.6	10.77	80.9	10.51	75.5	9.98	72.8	9.71	64.7	8.92	59.3	8.39	45.8	7.09
		16.4	15.0	83.6	10.77	80.9	10.51	75.5	9.98	72.8	9.71	64.7	8.92	59.3	8.39	45.8	7.07
		24.0	18.0	83.6	10.77	80.9	10.51	75.5	9.98	72.8	9.71	64.7	8.92	59.3	8.39	45.8	7.07

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	30%	-24.9	-25.0	62.7	15.47	60.7	15.39	56.6	15.18	54.6	15.04	48.5	14.48	44.5	14.00	34.4	12.35
		-19.8	-20.0	62.7	14.63	60.7	14.58	56.6	14.41	54.6	14.29	48.5	13.80	44.5	13.37	34.4	11.88
		-14.7	-15.0	62.7	13.55	60.7	13.52	56.6	13.40	54.6	13.31	48.5	12.91	44.5	12.54	34.4	11.22
		-9.6	-10.0	62.7	12.23	60.7	12.23	56.6	12.17	54.6	12.11	48.5	11.82	44.5	11.52	34.4	10.40
		-4.4	-5.0	62.7	10.62	60.7	10.66	56.6	10.67	54.6	10.65	48.5	10.47	44.5	10.26	34.4	9.39
		-1.8	-2.5	62.7	9.68	60.7	9.74	56.6	9.80	54.6	9.81	48.5	9.72	44.5	9.56	34.4	8.84
		0.8	0.0	62.7	8.73	60.7	8.80	56.6	8.90	54.6	8.93	48.5	8.93	44.5	8.83	34.4	8.26
		2.8	2.0	62.7	8.72	60.7	8.52	56.6	8.13	54.6	8.09	48.5	8.15	44.5	8.11	34.4	7.69
		6.0	5.0	62.7	8.72	60.7	8.52	56.6	8.13	54.6	7.93	48.5	7.34	44.5	7.12	34.4	6.90
		7.0	6.0	62.7	8.72	60.7	8.52	56.6	8.13	54.6	7.93	48.5	7.34	44.5	6.94	34.4	6.65
		8.6	7.5	62.7	8.72	60.7	8.52	56.6	8.13	54.6	7.93	48.5	7.34	44.5	6.94	34.4	6.29
		11.2	10.0	62.7	8.72	60.7	8.52	56.6	8.13	54.6	7.93	48.5	7.34	44.5	6.94	34.4	5.95
		16.4	15.0	62.7	8.72	60.7	8.52	56.6	8.13	54.6	7.93	48.5	7.34	44.5	6.94	34.4	5.95
24.0	18.0	62.7	8.72	60.7	8.52	56.6	8.13	54.6	7.93	48.5	7.34	44.5	6.94	34.4	5.95		

3. Part Load of Outdoor Unit

3-53. 60HP (Cooling) U-12ME2E8+U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	112.0	12.91	134.4	15.50	156.8	18.08	168.0	19.37	190.4	21.96	212.8	24.54	235.2	27.12
		-5.0	112.0	12.93	134.4	15.52	156.8	18.10	168.0	19.39	190.4	21.98	212.8	24.56	235.2	27.14
		0.0	112.0	12.95	134.4	15.54	156.8	18.13	168.0	19.42	190.4	22.01	212.8	24.61	235.2	27.21
		5.0	112.0	12.99	134.4	15.57	156.8	18.17	168.0	19.48	190.4	22.12	212.8	24.79	235.2	27.42
		10.0	112.0	13.03	134.4	15.67	156.8	18.36	168.0	19.72	190.4	22.48	212.8	25.27	235.2	27.95
		15.0	112.0	13.29	134.4	16.14	156.8	19.05	168.0	20.53	190.4	23.50	212.8	26.49	235.2	29.26
		20.0	112.0	14.80	134.4	18.09	156.8	21.92	168.0	23.99	190.4	28.44	212.8	33.33	235.2	38.64
		25.0	112.0	18.93	134.4	23.42	156.8	28.34	168.0	30.97	190.4	36.56	212.8	42.60	235.2	49.09
		30.0	112.0	23.76	134.4	29.33	156.8	35.38	168.0	38.57	190.4	45.33	212.8	52.57	235.2	60.30
		35.0	112.0	28.95	134.4	35.68	156.8	42.92	168.0	46.74	190.4	54.76	212.8	63.31	224.8	65.38
		40.0	112.0	34.55	134.4	42.53	156.8	51.06	168.0	55.54	190.4	64.94	199.1	65.37	207.7	65.37
		43.0	112.0	38.10	134.4	46.88	156.8	56.26	168.0	61.18	181.7	65.37	190.3	65.37	194.6	62.21
		46.0	110.9	41.44	133.1	51.00	141.3	51.88	142.8	50.49	146.6	48.16	151.5	46.33	157.3	44.89
		52.0	48.3	17.65	52.6	17.83	57.7	18.17	60.5	18.38	66.7	18.87	73.5	19.41	80.9	19.99

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	100.8	10.43	121.0	13.09	141.1	15.68	151.2	16.95	171.4	19.44	191.5	21.88	211.7	24.27
		-5.0	100.8	10.45	121.0	13.11	141.1	15.70	151.2	16.97	171.4	19.47	191.5	21.91	211.7	24.30
		0.0	100.8	10.47	121.0	13.13	141.1	15.72	151.2	17.00	171.4	19.50	191.5	21.93	211.7	24.32
		5.0	100.8	10.50	121.0	13.17	141.1	15.76	151.2	17.03	171.4	19.53	191.5	22.00	211.7	24.43
		10.0	100.8	10.55	121.0	13.21	141.1	15.83	151.2	17.13	171.4	19.70	191.5	22.24	211.7	24.73
		15.0	100.8	10.66	121.0	13.45	141.1	16.21	151.2	17.58	171.4	20.27	191.5	22.91	211.7	25.50
		20.0	100.8	11.58	121.0	14.68	141.1	17.69	151.2	19.16	171.4	22.03	191.5	25.34	211.7	28.86
		25.0	100.8	15.28	121.0	18.94	141.1	22.74	151.2	24.69	171.4	28.67	191.5	32.76	211.7	36.96
		30.0	100.8	19.76	121.0	24.20	141.1	28.72	151.2	31.01	171.4	35.66	191.5	40.41	211.7	45.28
		35.0	100.8	25.34	121.0	30.71	141.1	36.14	151.2	38.89	171.4	44.44	191.5	50.15	211.7	56.07
		40.0	100.8	30.29	121.0	36.45	141.1	42.67	151.2	45.81	171.4	52.23	191.5	58.93	207.7	65.37
		43.0	100.8	33.35	121.0	40.00	141.1	46.73	151.2	50.16	171.4	57.21	190.3	65.37	194.6	62.21
		46.0	100.8	35.73	121.0	43.38	141.1	51.40	142.8	50.49	146.6	48.16	151.5	46.33	157.3	44.89
		52.0	48.3	17.65	52.6	17.83	57.7	18.17	60.5	18.38	66.7	18.87	73.5	19.41	80.9	19.99

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	89.6	8.94	107.5	11.34	125.4	13.69	134.4	14.85	152.3	17.12	170.2	19.35	188.2	21.53
		-5.0	89.6	8.95	107.5	11.36	125.4	13.71	134.4	14.87	152.3	17.14	170.2	19.37	188.2	21.55
		0.0	89.6	8.97	107.5	11.38	125.4	13.73	134.4	14.89	152.3	17.17	170.2	19.40	188.2	21.58
		5.0	89.6	9.00	107.5	11.41	125.4	13.77	134.4	14.93	152.3	17.20	170.2	19.42	188.2	21.61
		10.0	89.6	9.04	107.5	11.45	125.4	13.80	134.4	14.96	152.3	17.25	170.2	19.51	188.2	21.73
		15.0	89.6	9.09	107.5	11.53	125.4	13.95	134.4	15.15	152.3	17.51	170.2	19.83	188.2	22.11
		20.0	89.6	9.50	107.5	12.13	125.4	14.70	134.4	15.96	152.3	18.43	170.2	20.84	188.2	23.18
		25.0	89.6	12.35	107.5	15.12	125.4	17.94	134.4	19.37	152.3	22.26	170.2	25.19	188.2	28.15
		30.0	89.6	16.27	107.5	19.72	125.4	23.19	134.4	24.93	152.3	28.41	170.2	31.90	188.2	35.41
		35.0	89.6	21.17	107.5	25.44	125.4	29.68	134.4	31.80	152.3	36.01	170.2	40.22	188.2	44.44
		40.0	89.6	25.56	107.5	30.51	125.4	35.41	134.4	37.84	152.3	42.69	170.2	47.55	188.2	52.48
		43.0	89.6	28.27	107.5	33.65	125.4	38.96	134.4	41.60	152.3	46.88	170.2	52.22	188.2	57.68
		46.0	89.6	30.19	107.5	36.14	125.4	42.26	134.4	45.37	146.6	48.16	151.5	46.33	157.3	44.89
		52.0	48.3	17.65	52.6	17.83	57.7	18.17	60.5	18.38	66.7	18.87	73.5	19.41	80.9	19.99

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	78.4	7.42	94.1	9.57	109.8	11.67	117.6	12.70	133.3	14.74	149.0	16.74	164.6	18.70
		-5.0	78.4	7.43	94.1	9.58	109.8	11.68	117.6	12.72	133.3	14.76	149.0	16.76	164.6	18.72
		0.0	78.4	7.45	94.1	9.60	109.8	11.70	117.6	12.74	133.3	14.78	149.0	16.78	164.6	18.74
		5.0	78.4	7.47	94.1	9.62	109.8	11.73	117.6	12.76	133.3	14.81	149.0	16.81	164.6	18.77
		10.0	78.4	7.50	94.1	9.66	109.8	11.76	117.6	12.80	133.3	14.84	149.0	16.84	164.6	18.80
		15.0	78.4	7.56	94.1	9.70	109.8	11.81	117.6	12.85	133.3	14.91	149.0	16.95	164.6	18.94
		20.0	78.4	7.69	94.1	9.92	109.8	12.11	117.6	13.19	133.3	15.32	149.0	17.40	164.6	19.43
		25.0	78.4	9.33	94.1	11.62	109.8	13.82	117.6	14.89	133.3	16.98	149.0	19.01	164.6	20.99
		30.0	78.4	13.08	94.1	15.67	109.8	18.21	117.6	19.47	133.3	21.95	149.0	24.39	164.6	26.79
		35.0	78.4	17.31	94.1	20.60	109.8	23.81	117.6	25.38	133.3	28.47	149.0	31.49	164.6	34.45
		40.0	78.4	21.15	94.1	25.03	109.8	28.79	117.6	30.63	133.3	34.23	149.0	37.75	164.6	41.20
		43.0	78.4	23.52	94.1	27.76	109.8	31.86	117.6	33.87	133.3	37.80	149.0	41.65	164.6	45.43
		46.0	78.4	25.18	94.1	29.70	109.8	34.23	117.6	36.50	133.3	41.05	149.0	43.97	157.3	44.89
		52.0	48.3	17.65	52.6	17.83	57.7	18.17	60.5	18.38	66.7	18.87	73.5	19.41	80.9	19.99

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

60HP (Cooling) U-12ME2E8+U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	67.2	5.88	80.6	7.75	94.1	9.59	100.8	10.50	114.2	12.29	127.7	14.04	141.1	15.77
		-5.0	67.2	5.89	80.6	7.76	94.1	9.60	100.8	10.51	114.2	12.30	127.7	14.06	141.1	15.78
		0.0	67.2	5.90	80.6	7.78	94.1	9.62	100.8	10.52	114.2	12.32	127.7	14.08	141.1	15.80
		5.0	67.2	5.92	80.6	7.79	94.1	9.64	100.8	10.55	114.2	12.34	127.7	14.10	141.1	15.83
		10.0	67.2	5.94	80.6	7.82	94.1	9.67	100.8	10.58	114.2	12.37	127.7	14.13	141.1	15.86
		15.0	67.2	5.99	80.6	7.87	94.1	9.71	100.8	10.62	114.2	12.41	127.7	14.16	141.1	15.89
		20.0	67.2	6.05	80.6	7.93	94.1	9.79	100.8	10.71	114.2	12.52	127.7	14.30	141.1	16.05
		25.0	67.2	6.66	80.6	8.59	94.1	10.47	100.8	11.39	114.2	13.21	127.7	14.98	141.1	16.71
		30.0	67.2	10.21	80.6	12.06	94.1	13.82	100.8	14.68	114.2	16.32	127.7	17.90	141.1	19.40
		35.0	67.2	13.76	80.6	16.19	94.1	18.50	100.8	19.61	114.2	21.75	127.7	23.79	141.1	25.73
		40.0	67.2	17.05	80.6	19.99	94.1	22.77	100.8	24.11	114.2	26.68	127.7	29.13	141.1	31.46
		43.0	67.2	19.08	80.6	22.32	94.1	25.39	100.8	26.87	114.2	29.70	127.7	32.40	141.1	34.98
		46.0	67.2	20.68	80.6	24.01	94.1	27.25	100.8	28.84	114.2	31.96	127.7	35.01	141.1	37.99
		52.0	48.3	17.65	52.6	17.83	57.7	18.17	60.5	18.38	66.7	18.87	73.5	19.41	80.9	19.99

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	56.0	4.31	67.2	5.90	78.4	7.46	84.0	8.23	95.2	9.76	106.4	11.26	117.6	12.73
		-5.0	56.0	4.31	67.2	5.90	78.4	7.47	84.0	8.24	95.2	9.77	106.4	11.27	117.6	12.75
		0.0	56.0	4.33	67.2	5.92	78.4	7.48	84.0	8.25	95.2	9.78	106.4	11.28	117.6	12.76
		5.0	56.0	4.34	67.2	5.93	78.4	7.50	84.0	8.27	95.2	9.80	106.4	11.30	117.6	12.78
		10.0	56.0	4.36	67.2	5.95	78.4	7.52	84.0	8.29	95.2	9.82	106.4	11.33	117.6	12.80
		15.0	56.0	4.39	67.2	5.98	78.4	7.55	84.0	8.33	95.2	9.86	106.4	11.36	117.6	12.83
		20.0	56.0	4.45	67.2	6.04	78.4	7.61	84.0	8.38	95.2	9.91	106.4	11.40	117.6	12.87
		25.0	56.0	4.60	67.2	6.20	78.4	7.77	84.0	8.55	95.2	10.08	106.4	11.58	117.6	13.05
		30.0	56.0	7.66	67.2	8.82	78.4	9.68	84.0	10.22	95.2	11.41	106.4	12.68	117.6	13.99
		35.0	56.0	10.54	67.2	12.24	78.4	13.79	84.0	14.52	95.2	15.87	106.4	17.12	117.6	18.25
		40.0	56.0	13.27	67.2	15.39	78.4	17.34	84.0	18.25	95.2	19.97	106.4	21.54	117.6	22.98
		43.0	56.0	14.96	67.2	17.33	78.4	19.52	84.0	20.54	95.2	22.47	106.4	24.25	117.6	25.89
		46.0	56.0	16.66	67.2	19.01	78.4	21.22	84.0	22.28	95.2	24.31	106.4	26.22	117.6	28.02
		52.0	48.3	17.65	52.6	17.83	57.7	18.17	60.5	18.38	66.7	18.87	73.5	19.41	80.9	19.99

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	44.8	2.71	53.8	4.00	62.7	5.28	67.2	5.91	76.2	7.16	85.1	8.39	94.1	9.61
		-5.0	44.8	2.71	53.8	4.01	62.7	5.28	67.2	5.92	76.2	7.17	85.1	8.40	94.1	9.62
		0.0	44.8	2.72	53.8	4.02	62.7	5.29	67.2	5.93	76.2	7.18	85.1	8.41	94.1	9.63
		5.0	44.8	2.73	53.8	4.03	62.7	5.31	67.2	5.94	76.2	7.19	85.1	8.43	94.1	9.65
		10.0	44.8	2.75	53.8	4.04	62.7	5.32	67.2	5.96	76.2	7.21	85.1	8.44	94.1	9.67
		15.0	44.8	2.77	53.8	4.07	62.7	5.35	67.2	5.98	76.2	7.23	85.1	8.47	94.1	9.70
		20.0	44.8	2.81	53.8	4.11	62.7	5.39	67.2	6.02	76.2	7.27	85.1	8.51	94.1	9.74
		25.0	44.8	2.89	53.8	4.18	62.7	5.46	67.2	6.08	76.2	7.32	85.1	8.56	94.1	9.81
		30.0	44.8	3.99	53.8	4.84	62.7	5.91	67.2	6.47	76.2	7.62	85.1	8.90	94.1	10.29
		35.0	44.8	7.65	53.8	8.75	62.7	9.70	67.2	10.13	76.2	10.89	85.1	11.83	94.1	13.05
		40.0	44.8	9.82	53.8	11.25	62.7	12.50	67.2	13.07	76.2	14.09	85.1	14.97	94.1	15.73
		43.0	44.8	11.17	53.8	12.80	62.7	14.24	67.2	14.90	76.2	16.09	85.1	17.13	94.1	18.03
		46.0	44.8	13.08	53.8	14.65	62.7	16.07	67.2	16.72	76.2	17.94	85.1	19.02	94.1	19.98
		52.0	44.8	15.60	52.6	17.83	57.7	18.17	60.5	18.38	66.7	18.87	73.5	19.41	80.9	19.99

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	33.6	1.08	40.3	2.07	47.0	3.05	50.4	3.54	57.1	4.51	63.8	5.47	70.6	6.40
		-5.0	33.6	1.08	40.3	2.07	47.0	3.06	50.4	3.55	57.1	4.52	63.8	5.48	70.6	6.42
		0.0	33.6	1.09	40.3	2.08	47.0	3.06	50.4	3.56	57.1	4.53	63.8	5.49	70.6	6.43
		5.0	33.6	1.10	40.3	2.09	47.0	3.07	50.4	3.57	57.1	4.55	63.8	5.51	70.6	6.45
		10.0	33.6	1.11	40.3	2.10	47.0	3.09	50.4	3.59	57.1	4.57	63.8	5.53	70.6	6.48
		15.0	33.6	1.12	40.3	2.11	47.0	3.11	50.4	3.61	57.1	4.60	63.8	5.56	70.6	6.51
		20.0	33.6	1.15	40.3	2.14	47.0	3.14	50.4	3.64	57.1	4.64	63.8	5.61	70.6	6.55
		25.0	33.6	1.20	40.3	2.19	47.0	3.19	50.4	3.70	57.1	4.69	63.8	5.70	70.6	6.72
		30.0	33.6	1.37	40.3	2.29	47.0	3.31	50.4	3.90	57.1	5.08	63.8	6.23	70.6	7.33
		35.0	33.6	5.11	40.3	5.74	47.0	6.48	50.4	6.96	57.1	7.92	63.8	8.87	70.6	9.80
		40.0	33.6	6.71	40.3	7.58	47.0	8.29	50.4	8.59	57.1	9.10	63.8	9.49	70.6	9.80
		43.0	33.6	7.72	40.3	8.73	47.0	9.58	50.4	9.95	57.1	10.57	63.8	11.07	70.6	11.44
		46.0	33.6	9.92	40.3	10.88	47.0	11.70	50.4	12.06	57.1	12.69	63.8	13.21	70.6	13.62
		52.0	33.6	11.73	40.3	12.98	47.0	14.07	50.4	14.56	57.1	15.04	63.8	15.30	70.6	15.40

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-54. 60HP (Heating) U-12ME2E8+U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	100%	-24.9	-25.0	130.9	44.66	127.6	43.90	120.9	42.24	117.5	41.37	106.9	38.55	99.6	36.49	80.3	30.65		
		-19.8	-20.0	137.4	45.63	133.9	44.81	127.0	43.10	123.4	42.20	112.4	39.29	104.8	37.15	84.6	31.15		
		-14.7	-15.0	146.5	47.08	142.9	46.23	135.5	44.42	131.8	43.47	120.1	40.40	112.1	38.17	90.6	31.89		
		-9.6	-10.0	158.9	49.34	155.0	48.34	147.2	46.18	143.1	45.27	130.5	41.98	121.8	39.60	98.5	32.92		
		-4.4	-5.0	175.1	51.59	170.9	50.68	162.2	48.70	157.7	47.64	143.9	44.15	134.2	41.58	108.5	34.37		
		-1.8	-2.5	184.7	52.50	180.3	51.56	171.1	49.49	166.4	48.41	151.7	44.84	141.5	42.21	114.4	34.89		
		0.8	0.0	195.4	53.33	190.7	52.34	181.0	50.18	176.0	49.03	160.6	45.35	149.8	42.67	119.0	34.29		
		2.8	2.0	206.9	54.11	202.0	53.06	191.8	50.85	186.5	49.68	168.0	44.89	154.0	41.06	119.0	31.79		
		6.0	5.0	217.0	51.34	210.0	49.58	196.0	46.11	189.0	44.41	168.0	39.39	154.0	36.07	119.0	28.11		
		7.0	6.0	217.0	48.86	210.0	47.20	196.0	43.95	189.0	42.30	168.0	37.56	154.0	34.47	119.0	26.95		
		8.6	7.5	217.0	45.17	210.0	43.67	196.0	40.71	189.0	39.25	168.0	34.94	154.0	32.13	119.0	25.26		
		11.2	10.0	217.0	39.40	210.0	38.15	196.0	35.69	189.0	34.48	168.0	30.87	154.0	28.50	119.0	22.64		
		16.4	15.0	217.0	29.32	210.0	28.51	196.0	26.90	189.0	26.09	168.0	23.62	154.0	21.95	119.0	17.68		
		24.0	18.0	217.0	24.14	210.0	23.45	196.0	22.05	189.0	21.35	168.0	19.26	154.0	17.87	119.0	14.38		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	90%	-24.9	-25.0	130.9	44.66	127.6	43.90	120.9	42.24	117.5	41.37	106.9	38.55	99.6	36.49	80.3	30.65		
		-19.8	-20.0	137.4	45.63	133.9	44.81	127.0	43.10	123.4	42.20	112.4	39.29	104.8	37.15	84.6	31.15		
		-14.7	-15.0	146.5	47.08	142.9	46.23	135.5	44.42	131.8	43.47	120.1	40.40	112.1	38.17	90.6	31.89		
		-9.6	-10.0	158.9	49.34	155.0	48.34	147.2	46.18	143.1	45.27	130.5	41.98	121.8	39.60	98.5	32.92		
		-4.4	-5.0	175.1	51.59	170.9	50.68	162.2	48.70	157.7	47.64	143.9	44.15	134.2	41.58	107.1	34.37		
		-1.8	-2.5	184.7	52.50	180.3	51.56	171.1	49.49	166.4	48.41	151.2	44.84	138.6	38.69	107.1	30.67		
		0.8	0.0	195.3	53.33	189.0	47.35	176.4	44.48	170.1	43.05	151.2	38.73	138.6	35.84	107.1	28.54		
		2.8	2.0	195.3	44.48	189.0	43.21	176.4	40.68	170.1	39.40	151.2	35.56	138.6	33.04	107.1	26.68		
		6.0	5.0	195.3	38.61	189.0	37.69	176.4	35.81	170.1	34.84	151.2	31.80	138.6	29.55	107.1	23.72		
		7.0	6.0	195.3	37.77	189.0	36.71	176.4	34.60	170.1	33.54	151.2	30.34	138.6	28.19	107.1	22.72		
		8.6	7.5	195.3	34.72	189.0	33.79	176.4	31.93	170.1	30.99	151.2	28.14	138.6	26.22	107.1	21.28		
		11.2	10.0	195.3	29.94	189.0	29.22	176.4	27.75	170.1	27.00	151.2	24.71	138.6	23.14	107.1	19.01		
		16.4	15.0	195.3	21.98	189.0	21.35	176.4	20.44	170.1	19.99	151.2	18.55	138.6	17.52	107.1	14.67		
		24.0	18.0	195.3	21.98	189.0	21.35	176.4	20.10	170.1	19.47	151.2	17.59	138.6	16.33	107.1	13.19		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	80%	-24.9	-25.0	130.9	44.66	127.6	43.90	120.9	42.24	117.5	41.37	106.9	38.55	99.6	36.49	80.3	30.65		
		-19.8	-20.0	137.4	45.63	133.9	44.81	127.0	43.10	123.4	42.20	112.4	39.29	104.8	37.15	84.6	31.15		
		-14.7	-15.0	146.5	47.08	142.9	46.23	135.5	44.42	131.8	43.47	120.1	40.40	112.1	38.17	90.6	31.89		
		-9.6	-10.0	158.9	49.34	155.0	48.34	147.2	46.18	143.1	45.27	130.5	41.98	121.8	39.60	95.2	30.20		
		-4.4	-5.0	173.6	43.41	168.0	42.36	156.8	40.21	151.2	39.11	134.4	35.71	123.2	33.36	95.2	27.16		
		-1.8	-2.5	173.6	40.08	168.0	39.15	156.8	37.24	151.2	36.26	134.4	33.22	123.2	31.09	95.2	25.60		
		0.8	0.0	173.6	36.58	168.0	35.71	156.8	34.21	151.2	33.41	134.4	30.87	123.2	29.04	95.2	24.00		
		2.8	2.0	173.6	33.61	168.0	32.99	156.8	31.65	151.2	30.95	134.4	28.66	123.2	27.00	95.2	22.40		
		6.0	5.0	173.6	29.65	168.0	29.14	156.8	28.04	151.2	27.45	134.4	25.50	123.2	24.02	95.2	19.89		
		7.0	6.0	173.6	28.77	168.0	28.17	156.8	26.94	151.2	26.30	134.4	24.29	123.2	22.88	95.2	19.04		
		8.6	7.5	173.6	26.26	168.0	25.76	156.8	24.73	151.2	24.18	134.4	22.46	123.2	21.22	95.2	17.81		
		11.2	10.0	173.6	22.37	168.0	22.02	156.8	21.28	151.2	20.89	134.4	19.59	123.2	18.63	95.2	15.88		
		16.4	15.0	173.6	19.82	168.0	19.26	156.8	18.15	151.2	17.59	134.4	15.91	123.2	14.80	95.2	12.13		
		24.0	18.0	173.6	19.82	168.0	19.26	156.8	18.15	151.2	17.59	134.4	15.91	123.2	14.80	95.2	12.01		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	70%	-24.9	-25.0	130.9	44.66	127.6	43.90	120.9	42.24	117.5	41.37	106.9	38.55	99.6	36.49	80.3	30.65		
		-19.8	-20.0	137.4	45.63	133.9	44.81	127.0	43.10	123.4	42.20	112.4	39.29	104.8	37.15	83.3	31.15		
		-14.7	-15.0	146.5	47.08	142.9	46.23	135.5	44.42	131.8	43.47	117.6	35.26	107.8	33.12	83.3	27.08		
		-9.6	-10.0	151.9	37.56	147.0	36.84	137.2	35.33	132.3	34.54	117.6	31.99	107.8	30.15	83.3	25.18		
		-4.4	-5.0	151.9	32.83	147.0	32.33	137.2	31.23	132.3	30.62	117.6	28.61	107.8	27.11	83.3	22.77		
		-1.8	-2.5	151.9	30.58	147.0	30.13	137.2	29.15	132.3	28.60	117.6	26.80	107.8	25.43	83.3	21.45		
		0.8	0.0	151.9	28.21	147.0	27.82	137.2	26.97	132.3	26.50	117.6	24.89	107.8	23.66	83.3	20.06		
		2.8	2.0	151.9	25.85	147.0	25.54	137.2	24.82	132.3	24.41	117.6	23.01	107.8	21.93	83.3	18.69		
		6.0	5.0	151.9	22.51	147.0	22.28	137.2	21.74	132.3	21.42	117.6	20.28	107.8	19.35	83.3	16.52		
		7.0	6.0	151.9	21.56	147.0	21.30	137.2	20.71	132.3	20.38	117.6	19.26	107.8	18.41	83.3	15.85		
		8.6	7.5	151.9	19.56	147.0	19.36	137.2	18.91	132.3	18.65	117.6	17.75	107.8	17.03	83.3	14.81		
		11.2	10.0	151.9	17.66	147.0	17.17	137.2	16.19	132.3	16.02	117.6	15.41	107.8	14.90	83.3	13.19		
		16.4	15.0	151.9	17.66	147.0	17.17	137.2	16.19	132.3	15.71	117.6	14.24	107.8	13.26	83.3	10.82		
		24.0	18.0	151.9	17.66	147.0	17.17	137.2	16.19	132.3	15.71	117.6	14.24	107.8	13.26	83.3	10.82		

3. Part Load of Outdoor Unit

60HP (Heating) U-12ME2E8+U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	60%	-24.9	-25.0	130.2	36.66	126.0	36.06	117.6	34.77	113.4	34.07	100.8	31.68	92.4	29.76	71.4	24.50
		-19.8	-20.0	130.2	34.48	126.0	33.94	117.6	32.78	113.4	32.15	100.8	30.09	92.4	28.56	71.4	23.69
		-14.7	-15.0	130.2	31.85	126.0	31.43	117.6	30.49	113.4	29.96	100.8	28.17	92.4	26.80	71.4	22.72
		-9.6	-10.0	130.2	28.95	126.0	28.61	117.6	27.83	113.4	27.38	100.8	25.83	92.4	24.62	71.4	20.99
		-4.4	-5.0	130.2	25.54	126.0	25.28	117.6	24.67	113.4	24.31	100.8	23.05	92.4	22.04	71.4	18.95
		-1.8	-2.5	130.2	23.65	126.0	23.44	117.6	22.93	113.4	22.62	100.8	21.51	92.4	20.62	71.4	17.82
		0.8	0.0	130.2	21.68	126.0	21.52	117.6	21.11	113.4	20.86	100.8	19.92	92.4	19.14	71.4	16.65
		2.8	2.0	130.2	19.73	126.0	19.62	117.6	19.32	113.4	19.13	100.8	18.36	92.4	17.69	71.4	15.48
		6.0	5.0	130.2	16.95	126.0	16.90	117.6	16.71	113.4	16.57	100.8	15.97	92.4	15.44	71.4	13.56
		7.0	6.0	130.2	15.97	126.0	15.92	117.6	15.74	113.4	15.62	100.8	15.13	92.4	14.67	71.4	13.08
		8.6	7.5	130.2	15.50	126.0	15.08	117.6	14.35	113.4	14.28	100.8	13.92	92.4	13.56	71.4	12.23
		11.2	10.0	130.2	15.50	126.0	15.08	117.6	14.24	113.4	13.82	100.8	12.57	92.4	11.86	71.4	10.88
		16.4	15.0	130.2	15.50	126.0	15.08	117.6	14.24	113.4	13.82	100.8	12.57	92.4	11.73	71.4	9.64
		24.0	18.0	130.2	15.50	126.0	15.08	117.6	14.24	113.4	13.82	100.8	12.57	92.4	11.73	71.4	9.64

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	50%	-24.9	-25.0	108.5	28.29	105.0	27.98	98.0	27.25	94.5	26.83	84.0	25.39	77.0	24.23	59.5	20.34
		-19.8	-20.0	108.5	26.80	105.0	26.53	98.0	25.88	94.5	25.50	84.0	24.17	77.0	23.12	59.5	19.80
		-14.7	-15.0	108.5	24.86	105.0	24.64	98.0	24.09	94.5	23.77	84.0	22.60	77.0	21.65	59.5	18.70
		-9.6	-10.0	108.5	22.48	105.0	22.30	98.0	21.88	94.5	21.63	84.0	20.66	77.0	19.85	59.5	17.26
		-4.4	-5.0	108.5	19.68	105.0	19.58	98.0	19.30	94.5	19.10	84.0	18.36	77.0	17.72	59.5	15.56
		-1.8	-2.5	108.5	18.15	105.0	18.09	98.0	17.87	94.5	17.73	84.0	17.11	77.0	16.55	59.5	14.63
		0.8	0.0	108.5	16.54	105.0	16.52	98.0	16.40	94.5	16.30	84.0	15.81	77.0	15.34	59.5	13.66
		2.8	2.0	108.5	14.97	105.0	14.98	98.0	14.94	94.5	14.88	84.0	14.52	77.0	14.14	59.5	12.65
		6.0	5.0	108.5	13.33	105.0	12.99	98.0	12.62	94.5	12.61	84.0	12.43	77.0	12.19	59.5	11.06
		7.0	6.0	108.5	13.33	105.0	12.99	98.0	12.29	94.5	11.94	84.0	11.77	77.0	11.59	59.5	10.68
		8.6	7.5	108.5	13.33	105.0	12.99	98.0	12.29	94.5	11.94	84.0	10.89	77.0	10.72	59.5	10.00
		11.2	10.0	108.5	13.33	105.0	12.99	98.0	12.29	94.5	11.94	84.0	10.89	77.0	10.20	59.5	8.93
		16.4	15.0	108.5	13.33	105.0	12.99	98.0	12.29	94.5	11.94	84.0	10.89	77.0	10.20	59.5	8.45
		24.0	18.0	108.5	13.33	105.0	12.99	98.0	12.29	94.5	11.94	84.0	10.89	77.0	10.20	59.5	8.45

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	40%	-24.9	-25.0	86.8	21.76	84.0	21.59	78.4	21.16	75.6	20.91	67.2	19.95	61.6	19.18	47.6	16.53
		-19.8	-20.0	86.8	20.58	84.0	20.44	78.4	20.07	75.6	19.85	67.2	19.00	61.6	18.28	47.6	15.96
		-14.7	-15.0	86.8	19.03	84.0	18.93	78.4	18.65	75.6	18.46	67.2	17.74	61.6	17.11	47.6	15.03
		-9.6	-10.0	86.8	17.16	84.0	17.09	78.4	16.90	75.6	16.76	67.2	16.20	61.6	15.68	47.6	13.88
		-4.4	-5.0	86.8	14.95	84.0	14.94	78.4	14.86	75.6	14.78	67.2	14.38	61.6	13.98	47.6	12.53
		-1.8	-2.5	86.8	13.74	84.0	13.77	78.4	13.74	75.6	13.69	67.2	13.39	61.6	13.07	47.6	11.79
		0.8	0.0	86.8	12.49	84.0	12.52	78.4	12.54	75.6	12.51	67.2	12.30	61.6	12.03	47.6	10.95
		2.8	2.0	86.8	11.17	84.0	11.15	78.4	11.23	75.6	11.24	67.2	11.15	61.6	10.98	47.6	10.13
		6.0	5.0	86.8	11.17	84.0	10.89	78.4	10.34	75.6	10.06	67.2	9.57	61.6	9.51	47.6	8.94
		7.0	6.0	86.8	11.17	84.0	10.89	78.4	10.34	75.6	10.06	67.2	9.22	61.6	9.06	47.6	8.61
		8.6	7.5	86.8	11.17	84.0	10.89	78.4	10.34	75.6	10.06	67.2	9.22	61.6	8.66	47.6	8.08
		11.2	10.0	86.8	11.17	84.0	10.89	78.4	10.34	75.6	10.06	67.2	9.22	61.6	8.66	47.6	7.27
		16.4	15.0	86.8	11.17	84.0	10.89	78.4	10.34	75.6	10.06	67.2	9.22	61.6	8.66	47.6	7.27
		24.0	18.0	86.8	11.17	84.0	10.89	78.4	10.34	75.6	10.06	67.2	9.22	61.6	8.66	47.6	7.27

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	30%	-24.9	-25.0	65.1	16.10	63.0	16.03	58.8	15.80	56.7	15.66	50.4	15.07	46.2	14.56	35.7	12.84
		-19.8	-20.0	65.1	15.22	63.0	15.16	58.8	14.99	56.7	14.87	50.4	14.36	46.2	13.90	35.7	12.33
		-14.7	-15.0	65.1	14.08	63.0	14.05	58.8	13.92	56.7	13.83	50.4	13.42	46.2	13.02	35.7	11.63
		-9.6	-10.0	65.1	12.69	63.0	12.69	58.8	12.63	56.7	12.57	50.4	12.26	46.2	11.95	35.7	10.77
		-4.4	-5.0	65.1	10.93	63.0	10.97	58.8	11.00	56.7	10.98	50.4	10.81	46.2	10.59	35.7	9.69
		-1.8	-2.5	65.1	9.95	63.0	10.01	58.8	10.08	56.7	10.10	50.4	10.01	46.2	9.86	35.7	9.11
		0.8	0.0	65.1	9.01	63.0	9.03	58.8	9.14	56.7	9.18	50.4	9.18	46.2	9.09	35.7	8.50
		2.8	2.0	65.1	9.01	63.0	8.80	58.8	8.38	56.7	8.30	50.4	8.37	46.2	8.33	35.7	7.90
		6.0	5.0	65.1	9.01	63.0	8.80	58.8	8.38	56.7	8.17	50.4	7.55	46.2	7.29	35.7	7.07
		7.0	6.0	65.1	9.01	63.0	8.80	58.8	8.38	56.7	8.17	50.4	7.55	46.2	7.13	35.7	6.81
		8.6	7.5	65.1	9.01	63.0	8.80	58.8	8.38	56.7	8.17	50.4	7.55	46.2	7.13	35.7	6.43
		11.2	10.0	65.1	9.01	63.0	8.80	58.8	8.38	56.7	8.17	50.4	7.55	46.2	7.13	35.7	6.08
16.4	15.0	65.1	9.01	63.0	8.80	58.8	8.38	56.7	8.17	50.4	7.55	46.2	7.13	35.7	6.08		
24.0	18.0	65.1	9.01	63.0	8.80	58.8	8.38	56.7	8.17	50.4	7.55	46.2	7.13	35.7	6.08		

3. Part Load of Outdoor Unit

3-55. 62HP (Cooling) U-14ME2E8+U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	116.0	13.38	139.2	16.05	162.4	18.73	174.0	20.07	197.2	22.75	220.4	25.42	243.6	28.10
		-5.0	116.0	13.40	139.2	16.07	162.4	18.75	174.0	20.09	197.2	22.77	220.4	25.45	243.6	28.12
		0.0	116.0	13.42	139.2	16.10	162.4	18.78	174.0	20.12	197.2	22.80	220.4	25.50	243.6	28.19
		5.0	116.0	13.45	139.2	16.13	162.4	18.82	174.0	20.17	197.2	22.91	220.4	25.68	243.6	28.40
		10.0	116.0	13.49	139.2	16.22	162.4	19.01	174.0	20.42	197.2	23.27	220.4	26.15	243.6	28.93
		15.0	116.0	13.76	139.2	16.70	162.4	19.70	174.0	21.22	197.2	24.29	220.4	27.37	243.6	30.24
		20.0	116.0	15.26	139.2	18.65	162.4	22.62	174.0	24.76	197.2	29.38	220.4	34.44	243.6	39.95
		25.0	116.0	19.52	139.2	24.17	162.4	29.28	174.0	32.00	197.2	37.80	220.4	44.05	243.6	50.78
		30.0	116.0	24.53	139.2	30.30	162.4	36.57	174.0	39.88	197.2	46.88	220.4	54.38	243.6	62.39
		35.0	116.0	29.91	139.2	36.88	162.4	44.39	174.0	48.34	197.2	56.65	220.4	65.51	232.8	67.61
		40.0	116.0	35.71	139.2	43.98	162.4	52.82	174.0	57.47	197.2	67.21	206.2	67.61	215.0	67.61
		43.0	116.0	39.39	139.2	48.49	162.4	58.21	174.0	63.31	188.1	67.62	197.1	67.62	201.6	64.37
		46.0	114.8	42.85	137.8	52.76	146.4	53.67	147.9	52.23	151.9	49.82	156.9	47.92	163.0	46.42
		52.0	50.1	18.19	54.5	18.39	59.8	18.74	62.7	18.95	69.0	19.46	76.1	20.02	83.8	20.62

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	104.4	10.81	125.3	13.56	146.2	16.24	156.6	17.56	177.5	20.15	198.4	22.67	219.2	25.14
		-5.0	104.4	10.83	125.3	13.58	146.2	16.27	156.6	17.58	177.5	20.17	198.4	22.70	219.2	25.17
		0.0	104.4	10.85	125.3	13.61	146.2	16.29	156.6	17.61	177.5	20.20	198.4	22.72	219.2	25.19
		5.0	104.4	10.88	125.3	13.64	146.2	16.33	156.6	17.64	177.5	20.24	198.4	22.79	219.2	25.30
		10.0	104.4	10.93	125.3	13.68	146.2	16.40	156.6	17.75	177.5	20.41	198.4	23.03	219.2	25.60
		15.0	104.4	11.04	125.3	13.93	146.2	16.78	156.6	18.19	177.5	20.97	198.4	23.70	219.2	26.37
		20.0	104.4	11.96	125.3	15.16	146.2	18.26	156.6	19.78	177.5	22.73	198.4	26.16	219.2	29.82
		25.0	104.4	15.73	125.3	19.53	146.2	23.47	156.6	25.49	177.5	29.61	198.4	33.85	219.2	38.21
		30.0	104.4	20.38	125.3	24.98	146.2	29.67	156.6	32.04	177.5	36.86	198.4	41.79	219.2	46.83
		35.0	104.4	26.16	125.3	31.73	146.2	37.36	156.6	40.20	177.5	45.96	198.4	51.87	219.2	58.01
		40.0	104.4	31.29	125.3	37.68	146.2	44.12	156.6	47.38	177.5	54.03	198.4	60.97	215.0	67.61
		43.0	104.4	34.46	125.3	41.36	146.2	48.34	156.6	51.88	177.5	59.19	197.1	67.62	201.6	64.37
		46.0	104.4	36.93	125.3	44.86	146.2	53.17	147.9	52.23	151.9	49.82	156.9	47.92	163.0	46.42
		52.0	50.1	18.19	54.5	18.39	59.8	18.74	62.7	18.95	69.0	19.46	76.1	20.02	83.8	20.62

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	92.8	9.27	111.4	11.76	129.9	14.19	139.2	15.39	157.8	17.75	176.3	20.05	194.9	22.31
		-5.0	92.8	9.28	111.4	11.77	129.9	14.21	139.2	15.41	157.8	17.76	176.3	20.07	194.9	22.33
		0.0	92.8	9.30	111.4	11.79	129.9	14.23	139.2	15.43	157.8	17.79	176.3	20.10	194.9	22.36
		5.0	92.8	9.33	111.4	11.82	129.9	14.26	139.2	15.46	157.8	17.82	176.3	20.12	194.9	22.39
		10.0	92.8	9.37	111.4	11.87	129.9	14.30	139.2	15.50	157.8	17.87	176.3	20.21	194.9	22.51
		15.0	92.8	9.42	111.4	11.95	129.9	14.45	139.2	15.69	157.8	18.13	176.3	20.53	194.9	22.89
		20.0	92.8	9.83	111.4	12.54	129.9	15.20	139.2	16.50	157.8	19.05	176.3	21.54	194.9	23.95
		25.0	92.8	12.69	111.4	15.57	129.9	18.50	139.2	19.98	157.8	22.97	176.3	26.01	194.9	29.08
		30.0	92.8	16.76	111.4	20.34	129.9	23.93	139.2	25.74	157.8	29.35	176.3	32.97	194.9	36.60
		35.0	92.8	21.84	111.4	26.27	129.9	30.66	139.2	32.85	157.8	37.22	176.3	41.58	194.9	45.95
		40.0	92.8	26.39	111.4	31.53	129.9	36.60	139.2	39.12	157.8	44.14	176.3	49.19	194.9	54.29
		43.0	92.8	29.20	111.4	34.78	129.9	40.28	139.2	43.01	157.8	48.49	176.3	54.02	194.9	59.68
		46.0	92.8	31.19	111.4	37.36	129.9	43.70	139.2	46.93	151.9	49.82	156.9	47.92	163.0	46.42
		52.0	50.1	18.19	54.5	18.39	59.8	18.74	62.7	18.95	69.0	19.46	76.1	20.02	83.8	20.62

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	81.2	7.69	97.4	9.92	113.7	12.09	121.8	13.16	138.0	15.28	154.3	17.35	170.5	19.38
		-5.0	81.2	7.71	97.4	9.93	113.7	12.11	121.8	13.18	138.0	15.29	154.3	17.36	170.5	19.40
		0.0	81.2	7.72	97.4	9.95	113.7	12.13	121.8	13.20	138.0	15.31	154.3	17.39	170.5	19.42
		5.0	81.2	7.74	97.4	9.97	113.7	12.15	121.8	13.22	138.0	15.34	154.3	17.41	170.5	19.45
		10.0	81.2	7.78	97.4	10.00	113.7	12.19	121.8	13.26	138.0	15.38	154.3	17.44	170.5	19.48
		15.0	81.2	7.83	97.4	10.05	113.7	12.23	121.8	13.31	138.0	15.45	154.3	17.55	170.5	19.62
		20.0	81.2	7.96	97.4	10.27	113.7	12.54	121.8	13.65	138.0	15.85	154.3	18.01	170.5	20.11
		25.0	81.2	9.60	97.4	11.97	113.7	14.24	121.8	15.35	138.0	17.52	154.3	19.62	170.5	21.67
		30.0	81.2	13.45	97.4	16.14	113.7	18.78	121.8	20.08	138.0	22.65	154.3	25.18	170.5	27.67
		35.0	81.2	17.83	97.4	21.25	113.7	24.57	121.8	26.20	138.0	29.41	154.3	32.54	170.5	35.60
		40.0	81.2	21.81	97.4	25.84	113.7	29.74	121.8	31.65	138.0	35.38	154.3	39.03	170.5	42.60
		43.0	81.2	24.27	97.4	28.67	113.7	32.92	121.8	35.00	138.0	39.08	154.3	43.06	170.5	46.99
		46.0	81.2	26.00	97.4	30.69	113.7	35.38	121.8	37.73	138.0	42.45	154.3	45.47	163.0	46.42
		52.0	50.1	18.19	54.5	18.39	59.8	18.74	62.7	18.95	69.0	19.46	76.1	20.02	83.8	20.62

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

62HP (Cooling) U-14ME2E8+U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	69.6	6.10	83.5	8.03	97.4	9.94	104.4	10.88	118.3	12.73	132.2	14.55	146.2	16.34
		-5.0	69.6	6.11	83.5	8.05	97.4	9.95	104.4	10.89	118.3	12.75	132.2	14.57	146.2	16.36
		0.0	69.6	6.12	83.5	8.06	97.4	9.97	104.4	10.91	118.3	12.76	132.2	14.59	146.2	16.37
		5.0	69.6	6.14	83.5	8.08	97.4	9.99	104.4	10.93	118.3	12.79	132.2	14.61	146.2	16.40
		10.0	69.6	6.16	83.5	8.11	97.4	10.02	104.4	10.96	118.3	12.82	132.2	14.64	146.2	16.43
		15.0	69.6	6.20	83.5	8.15	97.4	10.06	104.4	11.00	118.3	12.86	132.2	14.67	146.2	16.46
		20.0	69.6	6.27	83.5	8.21	97.4	10.14	104.4	11.09	118.3	12.97	132.2	14.81	146.2	16.62
		25.0	69.6	6.88	83.5	8.88	97.4	10.82	104.4	11.78	118.3	13.65	132.2	15.49	146.2	17.28
		30.0	69.6	10.47	83.5	12.39	97.4	14.22	104.4	15.11	118.3	16.82	132.2	18.45	146.2	20.01
		35.0	69.6	14.16	83.5	16.68	97.4	19.07	104.4	20.22	118.3	22.44	132.2	24.55	146.2	26.57
		40.0	69.6	17.56	83.5	20.61	97.4	23.50	104.4	24.89	118.3	27.55	132.2	30.09	146.2	32.51
		43.0	69.6	19.67	83.5	23.03	97.4	26.21	104.4	27.74	118.3	30.68	132.2	33.48	146.2	36.15
		46.0	69.6	21.34	83.5	24.78	97.4	28.14	104.4	29.79	118.3	33.03	132.2	36.19	146.2	39.27
		52.0	50.1	18.19	54.5	18.39	59.8	18.74	62.7	18.95	69.0	19.46	76.1	20.02	83.8	20.62

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	58.0	4.47	69.6	6.11	81.2	7.73	87.0	8.53	98.6	10.12	110.2	11.67	121.8	13.20
		-5.0	58.0	4.48	69.6	6.12	81.2	7.74	87.0	8.54	98.6	10.13	110.2	11.68	121.8	13.21
		0.0	58.0	4.49	69.6	6.13	81.2	7.76	87.0	8.56	98.6	10.14	110.2	11.70	121.8	13.22
		5.0	58.0	4.50	69.6	6.15	81.2	7.77	87.0	8.57	98.6	10.16	110.2	11.71	121.8	13.24
		10.0	58.0	4.52	69.6	6.17	81.2	7.79	87.0	8.60	98.6	10.18	110.2	11.74	121.8	13.26
		15.0	58.0	4.55	69.6	6.20	81.2	7.83	87.0	8.63	98.6	10.21	110.2	11.77	121.8	13.30
		20.0	58.0	4.61	69.6	6.26	81.2	7.88	87.0	8.68	98.6	10.26	110.2	11.81	121.8	13.34
		25.0	58.0	4.76	69.6	6.42	81.2	8.05	87.0	8.85	98.6	10.44	110.2	11.99	121.8	13.52
		30.0	58.0	7.83	69.6	9.05	81.2	9.96	87.0	10.52	98.6	11.77	110.2	13.09	121.8	14.46
		35.0	58.0	10.81	69.6	12.57	81.2	14.18	87.0	14.94	98.6	16.35	110.2	17.63	121.8	18.81
		40.0	58.0	13.65	69.6	15.85	81.2	17.87	87.0	18.81	98.6	20.59	110.2	22.22	121.8	23.72
		43.0	58.0	15.40	69.6	17.86	81.2	20.12	87.0	21.19	98.6	23.19	110.2	25.03	121.8	26.73
		46.0	58.0	17.17	69.6	19.60	81.2	21.90	87.0	23.00	98.6	25.10	110.2	27.08	121.8	28.94
		52.0	50.1	18.19	54.5	18.39	59.8	18.74	62.7	18.95	69.0	19.46	76.1	20.02	83.8	20.62

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	46.4	2.81	55.7	4.15	65.0	5.47	69.6	6.13	78.9	7.42	88.2	8.70	97.4	9.96
		-5.0	46.4	2.82	55.7	4.16	65.0	5.48	69.6	6.14	78.9	7.43	88.2	8.71	97.4	9.97
		0.0	46.4	2.83	55.7	4.17	65.0	5.49	69.6	6.14	78.9	7.44	88.2	8.72	97.4	9.98
		5.0	46.4	2.84	55.7	4.18	65.0	5.50	69.6	6.16	78.9	7.45	88.2	8.73	97.4	10.00
		10.0	46.4	2.85	55.7	4.19	65.0	5.52	69.6	6.17	78.9	7.47	88.2	8.75	97.4	10.02
		15.0	46.4	2.87	55.7	4.22	65.0	5.54	69.6	6.20	78.9	7.49	88.2	8.78	97.4	10.05
		20.0	46.4	2.91	55.7	4.26	65.0	5.58	69.6	6.24	78.9	7.53	88.2	8.82	97.4	10.09
		25.0	46.4	3.00	55.7	4.33	65.0	5.65	69.6	6.30	78.9	7.59	88.2	8.87	97.4	10.16
		30.0	46.4	4.09	55.7	4.99	65.0	6.10	69.6	6.69	78.9	7.89	88.2	9.21	97.4	10.64
		35.0	46.4	7.82	55.7	8.96	65.0	9.94	69.6	10.39	78.9	11.18	88.2	12.16	97.4	13.41
		40.0	46.4	10.07	55.7	11.55	65.0	12.85	69.6	13.44	78.9	14.50	88.2	15.41	97.4	16.19
		43.0	46.4	11.47	55.7	13.16	65.0	14.65	69.6	15.34	78.9	16.57	88.2	17.65	97.4	18.58
		46.0	46.4	13.46	55.7	15.08	65.0	16.56	69.6	17.24	78.9	18.49	88.2	19.61	97.4	20.61
		52.0	46.4	16.07	54.5	18.39	59.8	18.74	62.7	18.95	69.0	19.46	76.1	20.02	83.8	20.62

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	34.8	1.12	41.8	2.15	48.7	3.17	52.2	3.67	59.2	4.68	66.1	5.67	73.1	6.64
		-5.0	34.8	1.13	41.8	2.15	48.7	3.17	52.2	3.68	59.2	4.69	66.1	5.68	73.1	6.65
		0.0	34.8	1.13	41.8	2.16	48.7	3.18	52.2	3.69	59.2	4.70	66.1	5.69	73.1	6.67
		5.0	34.8	1.14	41.8	2.17	48.7	3.19	52.2	3.70	59.2	4.72	66.1	5.71	73.1	6.69
		10.0	34.8	1.15	41.8	2.18	48.7	3.20	52.2	3.72	59.2	4.74	66.1	5.73	73.1	6.71
		15.0	34.8	1.17	41.8	2.19	48.7	3.22	52.2	3.74	59.2	4.76	66.1	5.76	73.1	6.75
		20.0	34.8	1.20	41.8	2.22	48.7	3.25	52.2	3.78	59.2	4.80	66.1	5.81	73.1	6.78
		25.0	34.8	1.25	41.8	2.27	48.7	3.31	52.2	3.84	59.2	4.86	66.1	5.90	73.1	6.95
		30.0	34.8	1.41	41.8	2.37	48.7	3.43	52.2	4.03	59.2	5.24	66.1	6.43	73.1	7.57
		35.0	34.8	5.18	41.8	5.84	48.7	6.60	52.2	7.11	59.2	8.10	66.1	9.08	73.1	10.04
		40.0	34.8	6.84	41.8	7.74	48.7	8.48	52.2	8.79	59.2	9.32	66.1	9.73	73.1	10.04
		43.0	34.8	7.89	41.8	8.94	48.7	9.82	52.2	10.20	59.2	10.85	66.1	11.36	73.1	11.75
		46.0	34.8	10.18	41.8	11.18	48.7	12.03	52.2	12.40	59.2	13.06	66.1	13.59	73.1	14.02
		52.0	34.8	12.06	41.8	13.35	48.7	14.48	52.2	14.99	59.2	15.50	66.1	15.76	73.1	15.86

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-56. 62HP (Heating) U-14ME2E8+U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
				kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	100%	-24.9	-25.0	133.9	45.54	130.5	44.75	123.7	43.10	120.2	42.21	109.4	39.35	102.0	37.26	82.3	31.34
		-19.8	-20.0	140.4	46.50	137.0	45.69	129.8	43.95	126.2	43.05	115.0	40.10	107.2	37.93	86.6	31.83
		-14.7	-15.0	149.7	47.96	146.1	47.10	138.6	45.28	134.8	44.32	122.9	41.23	114.6	38.96	92.7	32.60
		-9.6	-10.0	162.3	50.23	158.4	49.23	150.4	47.05	146.3	46.14	133.5	42.82	124.6	40.41	100.8	33.65
		-4.4	-5.0	178.9	52.52	174.6	51.60	165.8	49.63	161.3	48.55	147.2	45.03	137.3	42.43	111.1	35.12
		-1.8	-2.5	188.7	53.44	184.2	52.49	174.9	50.44	170.1	49.34	155.2	45.72	144.8	43.08	117.2	35.65
		0.8	0.0	199.7	54.29	194.9	53.29	185.0	51.11	179.9	49.97	164.2	46.23	153.3	43.52	122.8	35.41
		2.8	2.0	211.4	55.06	206.4	54.01	196.0	51.78	190.7	50.59	173.3	46.42	158.9	42.44	122.8	32.83
		6.0	5.0	223.9	53.20	216.7	51.36	202.2	47.75	195.0	45.97	173.3	40.75	158.9	37.30	122.8	29.05
		7.0	6.0	223.9	50.64	216.7	48.91	202.2	45.51	195.0	43.80	173.3	38.86	158.9	35.65	122.8	27.85
		8.6	7.5	223.9	46.84	216.7	45.27	202.2	42.17	195.0	40.65	173.3	36.16	158.9	33.24	122.8	26.11
		11.2	10.0	223.9	40.87	216.7	39.56	202.2	36.99	195.0	35.72	173.3	31.96	158.9	29.49	122.8	23.41
		16.4	15.0	223.9	30.44	216.7	29.60	202.2	27.91	195.0	27.06	173.3	24.49	158.9	22.75	122.8	18.31
		24.0	18.0	223.9	24.86	216.7	24.18	202.2	22.82	195.0	22.12	173.3	20.00	158.9	18.55	122.8	14.85

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	133.9	45.54	130.5	44.75	123.7	43.10	120.2	42.21	109.4	39.35	102.0	37.26	82.3	31.34
		-19.8	-20.0	140.4	46.50	137.0	45.69	129.8	43.95	126.2	43.05	115.0	40.10	107.2	37.93	86.6	31.83
		-14.7	-15.0	149.7	47.96	146.1	47.10	138.6	45.28	134.8	44.32	122.9	41.23	114.6	38.96	92.7	32.60
		-9.6	-10.0	162.3	50.23	158.4	49.23	150.4	47.05	146.3	46.14	133.5	42.82	124.6	40.41	100.8	33.65
		-4.4	-5.0	178.9	52.52	174.6	51.60	165.8	49.63	161.3	48.55	147.2	45.03	137.3	42.43	110.5	35.12
		-1.8	-2.5	188.7	53.44	184.2	52.49	174.9	50.44	170.1	49.34	155.2	45.72	143.0	39.97	110.5	31.66
		0.8	0.0	199.7	54.29	194.9	53.29	182.0	46.01	175.5	44.51	156.0	40.02	143.0	37.02	110.5	29.46
		2.8	2.0	201.5	46.06	195.0	44.73	182.0	42.09	175.5	40.76	156.0	36.76	143.0	34.16	110.5	27.57
		6.0	5.0	201.5	39.99	195.0	39.04	182.0	37.08	175.5	36.07	156.0	32.91	143.0	30.57	110.5	24.52
		7.0	6.0	201.5	39.16	195.0	38.05	182.0	35.84	175.5	34.73	156.0	31.40	143.0	29.16	110.5	23.49
		8.6	7.5	201.5	36.01	195.0	35.04	182.0	33.08	175.5	32.10	156.0	29.13	143.0	27.12	110.5	22.00
		11.2	10.0	201.5	31.08	195.0	30.31	182.0	28.77	175.5	27.99	156.0	25.59	143.0	23.95	110.5	19.67
		16.4	15.0	201.5	22.64	195.0	22.12	182.0	21.22	175.5	20.75	156.0	19.25	143.0	18.17	110.5	15.21
		24.0	18.0	201.5	22.64	195.0	22.00	182.0	20.71	175.5	20.07	156.0	18.14	143.0	16.85	110.5	13.63

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	80%	-24.9	-25.0	133.9	45.54	130.5	44.75	123.7	43.10	120.2	42.21	109.4	39.35	102.0	37.26	82.3	31.34		
		-19.8	-20.0	140.4	46.50	137.0	45.69	129.8	43.95	126.2	43.05	115.0	40.10	107.2	37.93	86.6	31.83		
		-14.7	-15.0	149.7	47.96	146.1	47.10	138.6	45.28	134.8	44.32	122.9	41.23	114.6	38.96	92.7	32.60		
		-9.6	-10.0	162.3	50.23	158.4	49.23	150.4	47.05	146.3	46.14	133.5	42.82	124.6	40.41	98.2	33.65		
		-4.4	-5.0	178.9	52.52	173.3	43.79	161.8	41.55	156.0	40.41	138.7	36.88	127.1	34.44	98.2	28.03		
		-1.8	-2.5	179.1	41.45	173.3	40.49	161.8	38.50	156.0	37.48	138.7	34.31	127.1	32.11	98.2	26.43		
		0.8	0.0	179.1	37.85	173.3	36.93	161.8	35.37	156.0	34.55	138.7	31.91	127.1	30.01	98.2	24.78		
		2.8	2.0	179.1	34.80	173.3	34.14	161.8	32.75	156.0	32.01	138.7	29.64	127.1	27.91	98.2	23.15		
		6.0	5.0	179.1	30.73	173.3	30.19	161.8	29.04	156.0	28.42	138.7	26.40	127.1	24.85	98.2	20.56		
		7.0	6.0	179.1	29.84	173.3	29.21	161.8	27.92	156.0	27.25	138.7	25.15	127.1	23.67	98.2	19.69		
		8.6	7.5	179.1	27.25	173.3	26.73	161.8	25.63	156.0	25.06	138.7	23.25	127.1	21.96	98.2	18.43		
		11.2	10.0	179.1	23.23	173.3	22.86	161.8	22.08	156.0	21.66	138.7	20.30	127.1	19.30	98.2	16.44		
		16.4	15.0	179.1	20.42	173.3	19.85	161.8	18.71	156.0	18.14	138.7	16.42	127.1	15.27	98.2	12.59		
		24.0	18.0	179.1	20.42	173.3	19.85	161.8	18.71	156.0	18.14	138.7	16.42	127.1	15.27	98.2	12.41		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	70%	-24.9	-25.0	133.9	45.54	130.5	44.75	123.7	43.10	120.2	42.21	109.4	39.35	102.0	37.26	82.3	31.34
		-19.8	-20.0	140.4	46.50	137.0	45.69	129.8	43.95	126.2	43.05	115.0	40.10	107.2	37.93	85.9	31.83
		-14.7	-15.0	149.7	47.96	146.1	47.10	138.6	45.28	134.8	44.32	121.3	41.23	111.2	34.16	85.9	27.90
		-9.6	-10.0	156.7	38.80	151.7	38.06	141.6	36.48	136.5	35.66	121.3	33.01	111.2	31.11	85.9	25.98
		-4.4	-5.0	156.7	33.92	151.7	33.40	141.6	32.25	136.5	31.63	121.3	29.55	111.2	27.99	85.9	23.50
		-1.8	-2.5	156.7	31.61	151.7	31.14	141.6	30.12	136.5	29.55	121.3	27.68	111.2	26.26	85.9	22.15
		0.8	0.0	156.7	29.17	151.7	28.78	141.6	27.88	136.5	27.39	121.3	25.72	111.2	24.45	85.9	20.73
		2.8	2.0	156.7	26.76	151.7	26.43	141.6	25.67	136.5	25.25	121.3	23.79	111.2	22.66	85.9	19.31
		6.0	5.0	156.7	23.32	151.7	23.09	141.6	22.52	136.5	22.18	121.3	20.99	111.2	20.03	85.9	17.10
		7.0	6.0	156.7	22.38	151.7	22.10	141.6	21.47	136.5	21.12	121.3	19.95	111.2	19.05	85.9	16.40
		8.6	7.5	156.7	20.31	151.7	20.10	141.6	19.62	136.5	19.34	121.3	18.39	111.2	17.64	85.9	15.33
		11.2	10.0	156.7	18.21	151.7	17.71	141.6	16.80	136.5	16.63	121.3	15.98	111.2	15.44	85.9	13.66
		16.4	15.0	156.7	18.21	151.7	17.71	141.6	16.71	136.5	16.20	121.3	14.70	111.2	13.70	85.9	11.20
24.0	18.0	156.7	18.21	151.7	17.71	141.6	16.71	136.5	16.20	121.3	14.70	111.2	13.70	85.9	11.20		

3. Part Load of Outdoor Unit

62HP (Heating) U-14ME2E8+U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	60%	-24.9	-25.0	133.9	45.54	130.0	37.21	121.3	35.86	117.0	35.13	104.0	32.65	95.3	30.65	73.7	25.25
		-19.8	-20.0	134.3	35.58	130.0	35.03	121.3	33.82	117.0	33.16	104.0	31.01	95.3	29.44	73.7	24.40
		-14.7	-15.0	134.3	32.86	130.0	32.42	121.3	31.45	117.0	30.90	104.0	29.04	95.3	27.63	73.7	23.43
		-9.6	-10.0	134.3	29.88	130.0	29.53	121.3	28.72	117.0	28.25	104.0	26.65	95.3	25.40	73.7	21.66
		-4.4	-5.0	134.3	26.38	130.0	26.11	121.3	25.47	117.0	25.10	104.0	23.80	95.3	22.76	73.7	19.56
		-1.8	-2.5	134.3	24.45	130.0	24.22	121.3	23.69	117.0	23.37	104.0	22.23	95.3	21.29	73.7	18.40
		0.8	0.0	134.3	22.43	130.0	22.26	121.3	21.82	117.0	21.56	104.0	20.59	95.3	19.78	73.7	17.20
		2.8	2.0	134.3	20.42	130.0	20.31	121.3	19.99	117.0	19.79	104.0	18.98	95.3	18.29	73.7	16.00
		6.0	5.0	134.3	17.57	130.0	17.51	121.3	17.32	117.0	17.18	104.0	16.55	95.3	15.99	73.7	14.00
		7.0	6.0	134.3	16.59	130.0	16.52	121.3	16.33	117.0	16.20	104.0	15.68	95.3	15.20	73.7	13.54
		8.6	7.5	134.3	15.99	130.0	15.56	121.3	14.90	117.0	14.81	104.0	14.43	95.3	14.06	73.7	12.67
		11.2	10.0	134.3	15.99	130.0	15.56	121.3	14.70	117.0	14.27	104.0	12.99	95.3	12.30	73.7	11.29
		16.4	15.0	134.3	15.99	130.0	15.56	121.3	14.70	117.0	14.27	104.0	12.99	95.3	12.13	73.7	9.98
		24.0	18.0	134.3	15.99	130.0	15.56	121.3	14.70	117.0	14.27	104.0	12.99	95.3	12.13	73.7	9.98

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	50%	-24.9	-25.0	111.9	29.16	108.3	28.83	101.1	28.09	97.5	27.65	86.7	26.17	79.4	24.98	61.4	20.97
		-19.8	-20.0	111.9	27.64	108.3	27.36	101.1	26.69	97.5	26.30	86.7	24.93	79.4	23.84	61.4	20.42
		-14.7	-15.0	111.9	25.64	108.3	25.41	101.1	24.85	97.5	24.52	86.7	23.31	79.4	22.33	61.4	19.29
		-9.6	-10.0	111.9	23.20	108.3	23.03	101.1	22.58	97.5	22.32	86.7	21.32	79.4	20.49	61.4	17.81
		-4.4	-5.0	111.9	20.33	108.3	20.23	101.1	19.93	97.5	19.73	86.7	18.96	79.4	18.30	61.4	16.07
		-1.8	-2.5	111.9	18.76	108.3	18.69	101.1	18.47	97.5	18.32	86.7	17.68	79.4	17.10	61.4	15.12
		0.8	0.0	111.9	17.11	108.3	17.08	101.1	16.96	97.5	16.85	86.7	16.34	79.4	15.86	61.4	14.13
		2.8	2.0	111.9	15.50	108.3	15.51	101.1	15.46	97.5	15.39	86.7	15.03	79.4	14.64	61.4	13.10
		6.0	5.0	111.9	13.77	108.3	13.42	101.1	13.10	97.5	13.08	86.7	12.89	79.4	12.64	61.4	11.46
		7.0	6.0	111.9	13.77	108.3	13.42	101.1	12.70	97.5	12.34	86.7	12.21	79.4	12.02	61.4	11.07
		8.6	7.5	111.9	13.77	108.3	13.42	101.1	12.70	97.5	12.34	86.7	11.27	79.4	11.13	61.4	10.37
		11.2	10.0	111.9	13.77	108.3	13.42	101.1	12.70	97.5	12.34	86.7	11.27	79.4	10.55	61.4	9.27
		16.4	15.0	111.9	13.77	108.3	13.42	101.1	12.70	97.5	12.34	86.7	11.27	79.4	10.55	61.4	8.77
		24.0	18.0	111.9	13.77	108.3	13.42	101.1	12.70	97.5	12.34	86.7	11.27	79.4	10.55	61.4	8.77

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	40%	-24.9	-25.0	89.6	22.44	86.7	22.26	80.9	21.82	78.0	21.56	69.3	20.58	63.6	19.78	49.1	17.06
		-19.8	-20.0	89.6	21.23	86.7	21.08	80.9	20.71	78.0	20.48	69.3	19.60	63.6	18.86	49.1	16.47
		-14.7	-15.0	89.6	19.65	86.7	19.54	80.9	19.24	78.0	19.06	69.3	18.31	63.6	17.66	49.1	15.52
		-9.6	-10.0	89.6	17.72	86.7	17.65	80.9	17.45	78.0	17.31	69.3	16.72	63.6	16.19	49.1	14.34
		-4.4	-5.0	89.6	15.46	86.7	15.45	80.9	15.36	78.0	15.28	69.3	14.86	63.6	14.45	49.1	12.96
		-1.8	-2.5	89.6	14.22	86.7	14.24	80.9	14.21	78.0	14.16	69.3	13.85	63.6	13.51	49.1	12.20
		0.8	0.0	89.6	12.94	86.7	12.99	80.9	13.00	78.0	12.97	69.3	12.74	63.6	12.47	49.1	11.34
		2.8	2.0	89.6	11.56	86.7	11.58	80.9	11.66	78.0	11.67	69.3	11.57	63.6	11.39	49.1	10.50
		6.0	5.0	89.6	11.56	86.7	11.27	80.9	10.70	78.0	10.41	69.3	9.94	63.6	9.87	49.1	9.27
		7.0	6.0	89.6	11.56	86.7	11.27	80.9	10.70	78.0	10.41	69.3	9.55	63.6	9.40	49.1	8.94
		8.6	7.5	89.6	11.56	86.7	11.27	80.9	10.70	78.0	10.41	69.3	9.55	63.6	8.98	49.1	8.40
		11.2	10.0	89.6	11.56	86.7	11.27	80.9	10.70	78.0	10.41	69.3	9.55	63.6	8.98	49.1	7.56
		16.4	15.0	89.6	11.56	86.7	11.27	80.9	10.70	78.0	10.41	69.3	9.55	63.6	8.98	49.1	7.55
		24.0	18.0	89.6	11.56	86.7	11.27	80.9	10.70	78.0	10.41	69.3	9.55	63.6	8.98	49.1	7.55

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	30%	-24.9	-25.0	67.2	16.63	65.0	16.55	60.7	16.32	58.5	16.17	52.0	15.56	47.7	15.04	36.8	13.27
		-19.8	-20.0	67.2	15.73	65.0	15.67	60.7	15.48	58.5	15.36	52.0	14.83	47.7	14.36	36.8	12.75
		-14.7	-15.0	67.2	14.55	65.0	14.52	60.7	14.39	58.5	14.29	52.0	13.87	47.7	13.47	36.8	12.03
		-9.6	-10.0	67.2	13.12	65.0	13.12	60.7	13.06	58.5	13.00	52.0	12.68	47.7	12.36	36.8	11.15
		-4.4	-5.0	67.2	11.35	65.0	11.38	60.7	11.40	58.5	11.38	52.0	11.20	47.7	10.98	36.8	10.05
		-1.8	-2.5	67.2	10.33	65.0	10.39	60.7	10.47	58.5	10.47	52.0	10.39	47.7	10.22	36.8	9.45
		0.8	0.0	67.2	9.34	65.0	9.38	60.7	9.50	58.5	9.53	52.0	9.53	47.7	9.43	36.8	8.82
		2.8	2.0	67.2	9.34	65.0	9.12	60.7	8.69	58.5	8.63	52.0	8.70	47.7	8.66	36.8	8.21
		6.0	5.0	67.2	9.34	65.0	9.12	60.7	8.69	58.5	8.48	52.0	7.84	47.7	7.59	36.8	7.35
		7.0	6.0	67.2	9.34	65.0	9.12	60.7	8.69	58.5	8.48	52.0	7.84	47.7	7.41	36.8	7.08
		8.6	7.5	67.2	9.34	65.0	9.12	60.7	8.69	58.5	8.48	52.0	7.84	47.7	7.41	36.8	6.70
		11.2	10.0	67.2	9.34	65.0	9.12	60.7	8.69	58.5	8.48	52.0	7.84	47.7	7.41	36.8	6.33
		16.4	15.0	67.2	9.34	65.0	9.12	60.7	8.69	58.5	8.48	52.0	7.84	47.7	7.41	36.8	6.33
		24.0	18.0	67.2	9.34	65.0	9.12	60.7	8.69	58.5	8.48	52.0	7.84	47.7	7.41	36.8	6.33

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-57. 64HP (Cooling) U-16ME2E8+U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	100%	-10.0	120.0	14.21	144.0	17.05	168.0	19.89	180.0	21.31	204.0	24.15	228.0	27.00	252.0	29.83
		-5.0	120.0	14.22	144.0	17.07	168.0	19.91	180.0	21.33	204.0	24.18	228.0	27.02	252.0	29.85
		0.0	120.0	14.25	144.0	17.09	168.0	19.94	180.0	21.36	204.0	24.20	228.0	27.07	252.0	29.93
		5.0	120.0	14.28	144.0	17.13	168.0	19.98	180.0	21.42	204.0	24.32	228.0	27.25	252.0	30.14
		10.0	120.0	14.32	144.0	17.22	168.0	20.17	180.0	21.67	204.0	24.69	228.0	27.74	252.0	30.69
		15.0	120.0	14.59	144.0	17.71	168.0	20.89	180.0	22.49	204.0	25.73	228.0	28.99	252.0	32.03
		20.0	120.0	16.14	144.0	19.71	168.0	23.93	180.0	26.20	204.0	31.11	228.0	36.48	252.0	42.33
		25.0	120.0	20.63	144.0	25.57	168.0	31.00	180.0	33.89	204.0	40.04	228.0	46.69	252.0	53.83
		30.0	120.0	25.95	144.0	32.09	168.0	38.74	180.0	42.26	204.0	49.69	228.0	57.66	252.0	66.16
		35.0	120.0	31.67	144.0	39.08	168.0	47.04	180.0	51.24	204.0	60.07	228.0	69.48	240.7	71.67
		40.0	120.0	37.83	144.0	46.61	168.0	56.00	180.0	60.93	204.0	71.28	213.2	71.67	222.4	71.67
		43.0	120.0	41.74	144.0	51.40	168.0	61.72	180.0	67.14	194.5	71.67	203.8	71.67	208.5	68.27
		46.0	118.8	45.41	142.6	55.93	151.4	56.90	153.0	55.37	157.1	52.81	162.3	50.79	168.6	49.21
		52.0	51.8	19.23	56.4	19.43	61.8	19.80	64.8	20.03	71.4	20.57	78.7	21.17	86.7	21.80

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	90%	-10.0	108.0	11.48	129.6	14.41	151.2	17.25	162.0	18.65	183.6	21.39	205.2	24.08	226.8	26.70
		-5.0	108.0	11.50	129.6	14.42	151.2	17.27	162.0	18.67	183.6	21.42	205.2	24.10	226.8	26.73
		0.0	108.0	11.52	129.6	14.45	151.2	17.30	162.0	18.70	183.6	21.45	205.2	24.12	226.8	26.75
		5.0	108.0	11.56	129.6	14.49	151.2	17.34	162.0	18.73	183.6	21.48	205.2	24.19	226.8	26.86
		10.0	108.0	11.61	129.6	14.53	151.2	17.41	162.0	18.84	183.6	21.66	205.2	24.44	226.8	27.17
		15.0	108.0	11.72	129.6	14.78	151.2	17.80	162.0	19.29	183.6	22.24	205.2	25.13	226.8	27.96
		20.0	108.0	12.66	129.6	16.04	151.2	19.32	162.0	20.92	183.6	24.05	205.2	27.69	226.8	31.57
		25.0	108.0	16.61	129.6	20.64	151.2	24.83	162.0	26.97	183.6	31.36	205.2	35.86	226.8	40.48
		30.0	108.0	21.55	129.6	26.43	151.2	31.41	162.0	33.94	183.6	39.06	205.2	44.29	226.8	49.65
		35.0	108.0	27.68	129.6	33.60	151.2	39.58	162.0	42.60	183.6	48.72	205.2	55.00	226.8	61.51
		40.0	108.0	33.14	129.6	39.92	151.2	46.76	162.0	50.22	183.6	57.29	205.2	64.66	222.4	71.67
		43.0	108.0	36.50	129.6	43.83	151.2	51.24	162.0	55.01	183.6	62.77	203.8	71.67	208.5	68.27
		46.0	108.0	39.12	129.6	47.55	151.2	56.38	153.0	55.37	157.1	52.81	162.3	50.79	168.6	49.21
		52.0	51.8	19.23	56.4	19.43	61.8	19.80	64.8	20.03	71.4	20.57	78.7	21.17	86.7	21.80

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	80%	-10.0	96.0	9.84	115.2	12.49	134.4	15.07	144.0	16.34	163.2	18.84	182.4	21.29	201.6	23.69
		-5.0	96.0	9.86	115.2	12.50	134.4	15.09	144.0	16.36	163.2	18.86	182.4	21.31	201.6	23.71
		0.0	96.0	9.88	115.2	12.53	134.4	15.11	144.0	16.39	163.2	18.89	182.4	21.34	201.6	23.74
		5.0	96.0	9.90	115.2	12.56	134.4	15.15	144.0	16.42	163.2	18.93	182.4	21.37	201.6	23.77
		10.0	96.0	9.95	115.2	12.60	134.4	15.18	144.0	16.46	163.2	18.98	182.4	21.46	201.6	23.89
		15.0	96.0	10.00	115.2	12.68	134.4	15.33	144.0	16.65	163.2	19.24	182.4	21.79	201.6	24.28
		20.0	96.0	10.42	115.2	13.30	134.4	16.11	144.0	17.48	163.2	20.19	182.4	22.82	201.6	25.38
		25.0	96.0	13.38	115.2	16.43	134.4	19.54	144.0	21.12	163.2	24.30	182.4	27.53	201.6	30.79
		30.0	96.0	17.70	115.2	21.50	134.4	25.32	144.0	27.24	163.2	31.07	182.4	34.92	201.6	38.78
		35.0	96.0	23.09	115.2	27.80	134.4	32.47	144.0	34.79	163.2	39.43	182.4	44.06	201.6	48.71
		40.0	96.0	27.93	115.2	33.38	134.4	38.77	144.0	41.45	163.2	46.78	182.4	52.14	201.6	57.56
		43.0	96.0	30.92	115.2	36.84	134.4	42.68	144.0	45.58	163.2	51.40	182.4	57.27	201.6	63.29
		46.0	96.0	33.03	115.2	39.58	134.4	46.31	144.0	49.74	157.1	52.81	162.3	50.79	168.6	49.21
		52.0	51.8	19.23	56.4	19.43	61.8	19.80	64.8	20.03	71.4	20.57	78.7	21.17	86.7	21.80

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	70%	-10.0	84.0	8.18	100.8	10.53	117.6	12.84	126.0	13.98	142.8	16.22	159.6	18.42	176.4	20.58
		-5.0	84.0	8.19	100.8	10.55	117.6	12.86	126.0	14.00	142.8	16.24	159.6	18.44	176.4	20.60
		0.0	84.0	8.20	100.8	10.56	117.6	12.88	126.0	14.02	142.8	16.26	159.6	18.46	176.4	20.62
		5.0	84.0	8.23	100.8	10.59	117.6	12.90	126.0	14.04	142.8	16.29	159.6	18.49	176.4	20.65
		10.0	84.0	8.26	100.8	10.63	117.6	12.94	126.0	14.08	142.8	16.33	159.6	18.52	176.4	20.68
		15.0	84.0	8.31	100.8	10.67	117.6	12.99	126.0	14.13	142.8	16.40	159.6	18.63	176.4	20.83
		20.0	84.0	8.45	100.8	10.90	117.6	13.30	126.0	14.48	142.8	16.82	159.6	19.10	176.4	21.33
		25.0	84.0	10.13	100.8	12.64	117.6	15.05	126.0	16.23	142.8	18.52	159.6	20.76	176.4	22.93
		30.0	84.0	14.18	100.8	17.04	117.6	19.84	126.0	21.23	142.8	23.96	159.6	26.65	176.4	29.29
		35.0	84.0	18.84	100.8	22.46	117.6	25.99	126.0	27.73	142.8	31.13	159.6	34.46	176.4	37.72
		40.0	84.0	23.06	100.8	27.34	117.6	31.49	126.0	33.51	142.8	37.48	159.6	41.35	176.4	45.15
		43.0	84.0	25.68	100.8	30.35	117.6	34.87	126.0	37.08	142.8	41.40	159.6	45.64	176.4	49.81
		46.0	84.0	27.52	100.8	32.49	117.6	37.48	126.0	39.98	142.8	44.99	159.6	48.20	168.6	49.21
		52.0	51.8	19.23	56.4	19.43	61.8	19.80	64.8	20.03	71.4	20.57	78.7	21.17	86.7	21.80

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor

3. Part Load of Outdoor Unit

64HP (Cooling) U-16ME2E8+U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	60%	-10.0	72.0	6.48	86.4	8.54	100.8	10.56	108.0	11.56	122.4	13.53	136.8	15.46	151.2	17.36
		-5.0	72.0	6.49	86.4	8.55	100.8	10.57	108.0	11.57	122.4	13.54	136.8	15.47	151.2	17.37
		0.0	72.0	6.50	86.4	8.56	100.8	10.59	108.0	11.59	122.4	13.56	136.8	15.49	151.2	17.39
		5.0	72.0	6.52	86.4	8.58	100.8	10.61	108.0	11.61	122.4	13.58	136.8	15.51	151.2	17.41
		10.0	72.0	6.55	86.4	8.61	100.8	10.64	108.0	11.64	122.4	13.61	136.8	15.55	151.2	17.45
		15.0	72.0	6.59	86.4	8.65	100.8	10.68	108.0	11.68	122.4	13.65	136.8	15.58	151.2	17.48
		20.0	72.0	6.65	86.4	8.72	100.8	10.76	108.0	11.77	122.4	13.77	136.8	15.72	151.2	17.65
		25.0	72.0	7.28	86.4	9.40	100.8	11.46	108.0	12.48	122.4	14.47	136.8	16.42	151.2	18.32
		30.0	72.0	11.02	86.4	13.06	100.8	15.00	108.0	15.94	122.4	17.76	136.8	19.50	151.2	21.15
		35.0	72.0	14.93	86.4	17.61	100.8	20.15	108.0	21.37	122.4	23.73	136.8	25.98	151.2	28.12
		40.0	72.0	18.55	86.4	21.79	100.8	24.86	108.0	26.33	122.4	29.16	136.8	31.86	151.2	34.43
		43.0	72.0	20.78	86.4	24.36	100.8	27.74	108.0	29.36	122.4	32.49	136.8	35.46	151.2	38.30
		46.0	72.0	22.56	86.4	26.23	100.8	29.79	108.0	31.54	122.4	34.98	136.8	38.33	151.2	41.61
		52.0	51.8	19.23	56.4	19.43	61.8	19.80	64.8	20.03	71.4	20.57	78.7	21.17	86.7	21.80

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	50%	-10.0	60.0	4.75	72.0	6.50	84.0	8.22	90.0	9.07	102.0	10.75	114.0	12.40	126.0	14.02
		-5.0	60.0	4.76	72.0	6.51	84.0	8.23	90.0	9.08	102.0	10.76	114.0	12.41	126.0	14.03
		0.0	60.0	4.77	72.0	6.52	84.0	8.24	90.0	9.09	102.0	10.77	114.0	12.42	126.0	14.04
		5.0	60.0	4.78	72.0	6.53	84.0	8.26	90.0	9.11	102.0	10.79	114.0	12.44	126.0	14.06
		10.0	60.0	4.80	72.0	6.56	84.0	8.28	90.0	9.13	102.0	10.81	114.0	12.46	126.0	14.09
		15.0	60.0	4.84	72.0	6.59	84.0	8.31	90.0	9.17	102.0	10.85	114.0	12.50	126.0	14.12
		20.0	60.0	4.89	72.0	6.65	84.0	8.37	90.0	9.22	102.0	10.90	114.0	12.54	126.0	14.16
		25.0	60.0	5.05	72.0	6.81	84.0	8.54	90.0	9.39	102.0	12.44	114.0	12.73	126.0	14.35
		30.0	60.0	8.21	72.0	9.51	84.0	10.50	90.0	11.11	102.0	12.44	114.0	13.86	126.0	15.31
		35.0	60.0	11.37	72.0	13.24	84.0	14.96	90.0	15.76	102.0	17.26	114.0	18.62	126.0	19.87
		40.0	60.0	14.39	72.0	16.72	84.0	18.87	90.0	19.88	102.0	21.76	114.0	23.50	126.0	25.09
		43.0	60.0	16.24	72.0	18.86	84.0	21.27	90.0	22.40	102.0	24.53	114.0	26.49	126.0	28.29
		46.0	60.0	18.13	72.0	20.72	84.0	23.16	90.0	24.33	102.0	26.56	114.0	28.66	126.0	30.64
		52.0	51.8	19.23	56.4	19.43	61.8	19.80	64.8	20.03	71.4	20.57	78.7	21.17	86.7	21.80

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	40%	-10.0	48.0	2.99	57.6	4.41	67.2	5.82	72.0	6.51	81.6	7.89	91.2	9.24	100.8	10.58
		-5.0	48.0	3.00	57.6	4.42	67.2	5.83	72.0	6.52	81.6	7.89	91.2	9.25	100.8	10.59
		0.0	48.0	3.01	57.6	4.43	67.2	5.83	72.0	6.53	81.6	7.90	91.2	9.26	100.8	10.60
		5.0	48.0	3.02	57.6	4.44	67.2	5.85	72.0	6.54	81.6	7.92	91.2	9.28	100.8	10.62
		10.0	48.0	3.03	57.6	4.46	67.2	5.86	72.0	6.56	81.6	7.94	91.2	9.30	100.8	10.64
		15.0	48.0	3.06	57.6	4.48	67.2	5.89	72.0	6.59	81.6	7.96	91.2	9.32	100.8	10.67
		20.0	48.0	3.10	57.6	4.52	67.2	5.93	72.0	6.62	81.6	8.00	91.2	9.36	100.8	10.72
		25.0	48.0	3.18	57.6	4.60	67.2	6.00	72.0	6.69	81.6	8.06	91.2	9.41	100.8	10.79
		30.0	48.0	4.30	57.6	5.28	67.2	6.46	72.0	7.09	81.6	8.36	91.2	9.77	100.8	11.28
		35.0	48.0	8.19	57.6	9.40	67.2	10.45	72.0	10.92	81.6	11.76	91.2	12.80	100.8	14.14
		40.0	48.0	10.59	57.6	12.16	67.2	13.54	72.0	14.16	81.6	15.29	91.2	16.26	100.8	17.09
		43.0	48.0	12.07	57.6	13.87	67.2	15.46	72.0	16.18	81.6	17.49	91.2	18.64	100.8	19.63
		46.0	48.0	14.20	57.6	15.92	67.2	17.49	72.0	18.21	81.6	19.54	91.2	20.74	100.8	21.79
		52.0	48.0	16.97	56.4	19.43	61.8	19.80	64.8	20.03	71.4	20.57	78.7	21.17	86.7	21.80

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp. °CDB	Indoor air temp. : °CWB													
			14.0		16.0		18.0		19.0		21.0		23.0		25.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	30%	-10.0	36.0	1.20	43.2	2.29	50.4	3.37	54.0	3.91	61.2	4.97	68.4	6.02	75.6	7.05
		-5.0	36.0	1.20	43.2	2.29	50.4	3.37	54.0	3.91	61.2	4.98	68.4	6.03	75.6	7.07
		0.0	36.0	1.21	43.2	2.30	50.4	3.38	54.0	3.92	61.2	4.99	68.4	6.05	75.6	7.08
		5.0	36.0	1.22	43.2	2.31	50.4	3.39	54.0	3.94	61.2	5.01	68.4	6.07	75.6	7.10
		10.0	36.0	1.23	43.2	2.32	50.4	3.41	54.0	3.95	61.2	5.03	68.4	6.09	75.6	7.13
		15.0	36.0	1.25	43.2	2.33	50.4	3.43	54.0	3.98	61.2	5.06	68.4	6.12	75.6	7.17
		20.0	36.0	1.27	43.2	2.36	50.4	3.46	54.0	4.01	61.2	5.10	68.4	6.17	75.6	7.20
		25.0	36.0	1.33	43.2	2.41	50.4	3.51	54.0	4.07	61.2	5.16	68.4	6.26	75.6	7.37
		30.0	36.0	1.50	43.2	2.52	50.4	3.64	54.0	4.27	61.2	5.55	68.4	6.80	75.6	8.01
		35.0	36.0	5.38	43.2	6.09	50.4	6.90	54.0	7.43	61.2	8.49	68.4	9.53	75.6	10.56
		40.0	36.0	7.15	43.2	8.11	50.4	8.89	54.0	9.23	61.2	9.79	68.4	10.22	75.6	10.56
		43.0	36.0	8.26	43.2	9.38	50.4	10.32	54.0	10.72	61.2	11.41	68.4	11.96	75.6	12.37
		46.0	36.0	10.72	43.2	11.77	50.4	12.68	54.0	13.08	61.2	13.77	68.4	14.34	75.6	14.79
		52.0	36.0	12.71	43.2	14.08	50.4	15.29	54.0	15.83	61.2	16.36	68.4	16.64	75.6	16.75

The above table shows the characteristics of Part Load (Total capacity and Power input) while all connected indoor units are operating at 100% ratio indoor and outdoor capacity.

* When choosing a model of outdoor unit, use the table under the Section 8 "1. Capacity of Outdoor Unit".

3. Part Load of Outdoor Unit

3-58. 64HP (Heating) U-16ME2E8+U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	100%	-24.9	-25.0	137.1	46.62	133.6	45.82	126.7	44.14	123.1	43.23	112.2	40.34	104.6	38.21	84.5	32.16
		-19.8	-20.0	143.7	47.57	140.2	46.76	133.0	44.99	129.3	44.08	117.9	41.08	109.9	38.88	88.9	32.67
		-14.7	-15.0	153.2	49.05	149.5	48.17	141.9	46.33	138.0	45.36	125.9	42.20	117.5	39.91	95.2	33.43
		-9.6	-10.0	166.1	51.26	162.1	50.21	153.9	48.23	149.8	47.20	136.8	43.82	127.7	41.38	103.5	34.51
		-4.4	-5.0	182.9	53.77	178.6	52.83	169.7	50.82	165.1	49.72	150.8	46.11	140.8	43.45	114.1	35.99
		-1.8	-2.5	193.0	54.75	188.4	53.78	179.0	51.70	174.1	50.56	159.0	46.89	148.5	44.18	120.3	36.60
		0.8	0.0	204.2	55.63	199.3	54.61	189.4	52.41	184.2	51.24	168.2	47.43	157.1	44.66	126.6	36.58
		2.8	2.0	216.2	56.42	211.1	55.36	200.5	53.07	195.1	51.87	178.4	47.99	163.8	43.93	126.6	33.92
		6.0	5.0	230.8	55.36	223.3	53.42	208.4	49.61	201.0	47.74	178.7	42.25	163.8	38.64	126.6	30.03
		7.0	6.0	230.8	52.71	223.3	50.89	208.4	47.30	201.0	45.50	178.7	40.31	163.8	36.94	126.6	28.80
		8.6	7.5	230.8	48.79	223.3	47.12	208.4	43.84	201.0	42.24	178.7	37.52	163.8	34.45	126.6	27.01
		11.2	10.0	230.8	42.58	223.3	41.20	208.4	38.47	201.0	37.13	178.7	33.17	163.8	30.58	126.6	24.22
		16.4	15.0	230.8	31.77	223.3	30.87	208.4	29.07	201.0	28.17	178.7	25.46	163.8	23.63	126.6	19.00
		24.0	18.0	230.8	26.00	223.3	25.29	208.4	23.84	201.0	23.11	178.7	20.87	163.8	19.34	126.6	15.44

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	90%	-24.9	-25.0	137.1	46.62	133.6	45.82	126.7	44.14	123.1	43.23	112.2	40.34	104.6	38.21	84.5	32.16
		-19.8	-20.0	143.7	47.57	140.2	46.76	133.0	44.99	129.3	44.08	117.9	41.08	109.9	38.88	88.9	32.67
		-14.7	-15.0	153.2	49.05	149.5	48.17	141.9	46.33	138.0	45.36	125.9	42.20	117.5	39.91	95.2	33.43
		-9.6	-10.0	166.1	51.26	162.1	50.21	153.9	48.23	149.8	47.20	136.8	43.82	127.7	41.38	103.5	34.51
		-4.4	-5.0	182.9	53.77	178.6	52.83	169.7	50.82	165.1	49.72	150.8	46.11	140.8	43.45	113.9	35.99
		-1.8	-2.5	193.0	54.75	188.4	53.78	179.0	51.70	174.1	50.56	159.0	46.89	147.4	44.18	113.9	32.68
		0.8	0.0	204.2	55.63	199.3	54.61	187.6	47.70	180.9	46.13	160.8	41.42	147.4	38.28	113.9	30.41
		2.8	2.0	207.7	47.85	201.0	46.45	187.6	43.66	180.9	42.26	160.8	37.98	147.4	35.36	113.9	28.50
		6.0	5.0	207.7	41.58	201.0	40.59	187.6	38.51	180.9	37.45	160.8	34.14	147.4	31.66	113.9	25.35
		7.0	6.0	207.7	40.77	201.0	39.60	187.6	37.25	180.9	36.08	160.8	32.56	147.4	30.21	113.9	24.29
		8.6	7.5	207.7	37.51	201.0	36.47	187.6	34.39	180.9	33.35	160.8	30.22	147.4	28.11	113.9	22.75
		11.2	10.0	207.7	32.39	201.0	31.58	187.6	29.93	180.9	29.10	160.8	26.56	147.4	24.84	113.9	20.36
		16.4	15.0	207.7	23.55	201.0	23.08	187.6	22.12	180.9	21.62	160.8	20.02	147.4	18.89	113.9	15.78
		24.0	18.0	207.7	23.26	201.0	22.61	187.6	21.29	180.9	20.63	160.8	18.66	147.4	17.34	113.9	14.05

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB															
				16.0		17.0		19.0		20.0		23.0		25.0		30.0			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
100%	80%	-24.9	-25.0	137.1	46.62	133.6	45.82	126.7	44.14	123.1	43.23	112.2	40.34	104.6	38.21	84.5	32.16		
		-19.8	-20.0	143.7	47.57	140.2	46.76	133.0	44.99	129.3	44.08	117.9	41.08	109.9	38.88	88.9	32.67		
		-14.7	-15.0	153.2	49.05	149.5	48.17	141.9	46.33	138.0	45.36	125.9	42.20	117.5	39.91	95.2	33.43		
		-9.6	-10.0	166.1	51.26	162.1	50.21	153.9	48.23	149.8	47.20	136.8	43.82	127.7	41.38	101.2	34.51		
		-4.4	-5.0	182.9	53.77	178.6	52.83	166.8	43.00	160.8	41.80	142.9	38.11	131.0	35.57	101.2	28.91		
		-1.8	-2.5	184.6	42.98	178.7	41.96	166.8	39.86	160.8	38.79	142.9	35.47	131.0	33.19	101.2	27.28		
		0.8	0.0	184.6	39.26	178.7	38.29	166.8	36.65	160.8	35.78	142.9	33.01	131.0	31.03	101.2	25.60		
		2.8	2.0	184.6	36.12	178.7	35.43	166.8	33.96	160.8	33.18	142.9	30.68	131.0	28.89	101.2	23.92		
		6.0	5.0	184.6	31.93	178.7	31.37	166.8	30.15	160.8	29.49	142.9	27.37	131.0	25.74	101.2	21.27		
		7.0	6.0	184.6	31.07	178.7	30.40	166.8	29.01	160.8	28.30	142.9	26.08	131.0	24.53	101.2	20.37		
		8.6	7.5	184.6	28.39	178.7	27.83	166.8	26.65	160.8	26.04	142.9	24.13	131.0	22.77	101.2	19.06		
		11.2	10.0	184.6	24.22	178.7	23.82	166.8	22.97	160.8	22.53	142.9	21.07	131.0	20.01	101.2	17.02		
		16.4	15.0	184.6	21.00	178.7	20.41	166.8	19.24	160.8	18.66	142.9	16.90	131.0	15.73	101.2	13.07		
		24.0	18.0	184.6	21.00	178.7	20.41	166.8	19.24	160.8	18.66	142.9	16.90	131.0	15.73	101.2	12.81		

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	70%	-24.9	-25.0	137.1	46.62	133.6	45.82	126.7	44.14	123.1	43.23	112.2	40.34	104.6	38.21	84.5	32.16
		-19.8	-20.0	143.7	47.57	140.2	46.76	133.0	44.99	129.3	44.08	117.9	41.08	109.9	38.88	88.6	32.67
		-14.7	-15.0	153.2	49.05	149.5	48.17	141.9	46.33	138.0	45.36	125.1	42.20	114.6	39.91	88.6	28.69
		-9.6	-10.0	161.5	40.13	156.3	39.35	145.9	37.70	140.7	36.83	125.1	34.07	114.6	32.09	88.6	26.77
		-4.4	-5.0	161.5	35.08	156.3	34.54	145.9	33.34	140.7	32.68	125.1	30.51	114.6	28.88	88.6	24.25
		-1.8	-2.5	161.5	32.72	156.3	32.23	145.9	31.16	140.7	30.56	125.1	28.60	114.6	27.12	88.6	22.86
		0.8	0.0	161.5	30.23	156.3	29.80	145.9	28.86	140.7	28.34	125.1	26.59	114.6	25.26	88.6	21.40
		2.8	2.0	161.5	27.75	156.3	27.40	145.9	26.60	140.7	26.15	125.1	24.62	114.6	23.44	88.6	19.96
		6.0	5.0	161.5	24.23	156.3	23.97	145.9	23.36	140.7	23.01	125.1	21.76	114.6	20.75	88.6	17.71
		7.0	6.0	161.5	23.31	156.3	23.00	145.9	22.32	140.7	21.94	125.1	20.69	114.6	19.75	88.6	16.96
		8.6	7.5	161.5	21.16	156.3	20.93	145.9	20.40	140.7	20.11	125.1	19.08	114.6	18.29	88.6	15.87
		11.2	10.0	161.5	18.73	156.3	18.22	145.9	17.48	140.7	17.29	125.1	16.60	114.6	16.02	88.6	14.15
		16.4	15.0	161.5	18.73	156.3	18.22	145.9	17.19	140.7	16.68	125.1	15.15	114.6	14.12	88.6	11.56
		24.0	18.0	161.5	18.73	156.3	18.22	145.9	17.19	140.7	16.68	125.1	15.15	114.6	14.12	88.6	11.56

3. Part Load of Outdoor Unit

64HP (Heating) U-16ME2E8+U-16ME2E8+U-16ME2E8+U-16ME2E8

Part Load Ratio 30-100%

TC: Total capacity (kW), PI: Power input (kW)

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	60%	-24.9	-25.0	137.1	46.62	133.6	45.82	125.1	36.98	120.6	36.21	107.2	33.61	98.3	31.51	75.9	25.99
		-19.8	-20.0	138.5	36.73	134.0	36.14	125.1	34.88	120.6	34.20	107.2	31.96	98.3	30.30	75.9	25.07
		-14.7	-15.0	138.5	33.88	134.0	33.42	125.1	32.41	120.6	31.85	107.2	29.92	98.3	28.46	75.9	24.12
		-9.6	-10.0	138.5	30.84	134.0	30.47	125.1	29.62	120.6	29.14	107.2	27.48	98.3	26.18	75.9	22.31
		-4.4	-5.0	138.5	27.26	134.0	26.98	125.1	26.31	120.6	25.92	107.2	24.56	98.3	23.48	75.9	20.17
		-1.8	-2.5	138.5	25.29	134.0	25.05	125.1	24.48	120.6	24.14	107.2	22.95	98.3	21.98	75.9	18.99
		0.8	0.0	138.5	23.21	134.0	23.03	125.1	22.57	120.6	22.29	107.2	21.27	98.3	20.43	75.9	17.76
		2.8	2.0	138.5	21.16	134.0	21.03	125.1	20.69	120.6	20.47	107.2	19.62	98.3	18.90	75.9	16.54
		6.0	5.0	138.5	18.24	134.0	18.18	125.1	17.96	120.6	17.81	107.2	17.16	98.3	16.57	75.9	14.55
		7.0	6.0	138.5	17.27	134.0	17.20	125.1	16.98	120.6	16.84	107.2	16.27	98.3	15.76	75.9	14.02
		8.6	7.5	138.5	16.46	134.0	16.02	125.1	15.49	120.6	15.40	107.2	14.98	98.3	14.58	75.9	13.12
		11.2	10.0	138.5	16.46	134.0	16.02	125.1	15.15	120.6	14.71	107.2	13.39	98.3	12.77	75.9	11.70
		16.4	15.0	138.5	16.46	134.0	16.02	125.1	15.15	120.6	14.71	107.2	13.39	98.3	12.51	75.9	10.32
		24.0	18.0	138.5	16.46	134.0	16.02	125.1	15.15	120.6	14.71	107.2	13.39	98.3	12.51	75.9	10.32

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	50%	-24.9	-25.0	115.4	30.03	111.7	29.69	104.2	28.91	100.5	28.47	89.3	26.93	81.9	25.70	63.3	21.58
		-19.8	-20.0	115.4	28.47	111.7	28.18	104.2	27.48	100.5	27.07	89.3	25.66	81.9	24.54	63.3	21.02
		-14.7	-15.0	115.4	26.43	111.7	26.19	104.2	25.60	100.5	25.26	89.3	24.00	81.9	23.00	63.3	19.87
		-9.6	-10.0	115.4	23.93	111.7	23.75	104.2	23.29	100.5	23.01	89.3	21.97	81.9	21.11	63.3	18.36
		-4.4	-5.0	115.4	21.00	111.7	20.89	104.2	20.57	100.5	20.36	89.3	19.56	81.9	18.87	63.3	16.58
		-1.8	-2.5	115.4	19.39	111.7	19.32	104.2	19.09	100.5	18.92	89.3	18.25	81.9	17.65	63.3	15.60
		0.8	0.0	115.4	17.70	111.7	17.67	104.2	17.53	100.5	17.41	89.3	16.89	81.9	16.38	63.3	14.59
		2.8	2.0	115.4	16.05	111.7	16.06	104.2	16.00	100.5	15.93	89.3	15.54	81.9	15.13	63.3	13.55
		6.0	5.0	115.4	14.20	111.7	13.83	104.2	13.62	100.5	13.59	89.3	13.37	81.9	13.10	63.3	11.87
		7.0	6.0	115.4	14.20	111.7	13.83	104.2	13.10	100.5	12.83	89.3	12.68	81.9	12.46	63.3	11.48
		8.6	7.5	115.4	14.20	111.7	13.83	104.2	13.10	100.5	12.73	89.3	11.70	81.9	11.55	63.3	10.76
		11.2	10.0	115.4	14.20	111.7	13.83	104.2	13.10	100.5	12.73	89.3	11.64	81.9	10.90	63.3	9.62
		16.4	15.0	115.4	14.20	111.7	13.83	104.2	13.10	100.5	12.73	89.3	11.64	81.9	10.90	63.3	9.08
		24.0	18.0	115.4	14.20	111.7	13.83	104.2	13.10	100.5	12.73	89.3	11.64	81.9	10.90	63.3	9.08

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	40%	-24.9	-25.0	92.3	23.11	89.3	22.92	83.4	22.47	80.4	22.20	71.5	21.19	65.5	20.36	50.6	17.57
		-19.8	-20.0	92.3	21.86	89.3	21.72	83.4	21.33	80.4	21.09	71.5	20.18	65.5	19.42	50.6	16.97
		-14.7	-15.0	92.3	20.25	89.3	20.14	83.4	19.83	80.4	19.64	71.5	18.87	65.5	18.20	50.6	16.00
		-9.6	-10.0	92.3	18.28	89.3	18.21	83.4	18.00	80.4	17.85	71.5	17.25	65.5	16.69	50.6	14.80
		-4.4	-5.0	92.3	15.97	89.3	15.96	83.4	15.86	80.4	15.77	71.5	15.34	65.5	14.92	50.6	13.38
		-1.8	-2.5	92.3	14.70	89.3	14.72	83.4	14.69	80.4	14.63	71.5	14.31	65.5	13.96	50.6	12.60
		0.8	0.0	92.3	13.39	89.3	13.44	83.4	13.47	80.4	13.45	71.5	13.20	65.5	12.91	50.6	11.74
		2.8	2.0	92.3	11.98	89.3	12.04	83.4	12.11	80.4	12.11	71.5	12.00	65.5	11.80	50.6	10.88
		6.0	5.0	92.3	11.93	89.3	11.64	83.4	11.05	80.4	10.76	71.5	10.32	65.5	10.24	50.6	9.61
		7.0	6.0	92.3	11.93	89.3	11.64	83.4	11.05	80.4	10.76	71.5	9.88	65.5	9.77	50.6	9.28
		8.6	7.5	92.3	11.93	89.3	11.64	83.4	11.05	80.4	10.76	71.5	9.88	65.5	9.30	50.6	8.72
		11.2	10.0	92.3	11.93	89.3	11.64	83.4	11.05	80.4	10.76	71.5	9.88	65.5	9.30	50.6	7.86
		16.4	15.0	92.3	11.93	89.3	11.64	83.4	11.05	80.4	10.76	71.5	9.88	65.5	9.30	50.6	7.83
		24.0	18.0	92.3	11.93	89.3	11.64	83.4	11.05	80.4	10.76	71.5	9.88	65.5	9.30	50.6	7.83

Combination :Indoor/outdoor capacity ratio	:Part load ratio	Outdoor air temp.		Indoor air temp. : °CDB													
				16.0		17.0		19.0		20.0		23.0		25.0		30.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	30%	-24.9	-25.0	69.2	17.15	67.0	17.06	62.5	16.82	60.3	16.67	53.6	16.05	49.1	15.51	38.0	13.69
		-19.8	-20.0	69.2	16.22	67.0	16.16	62.5	15.97	60.3	15.84	53.6	15.30	49.1	14.81	38.0	13.16
		-14.7	-15.0	69.2	15.02	67.0	14.99	62.5	14.85	60.3	14.75	53.6	14.31	49.1	13.90	38.0	12.42
		-9.6	-10.0	69.2	13.56	67.0	13.56	62.5	13.49	60.3	13.43	53.6	13.10	49.1	12.77	38.0	11.53
		-4.4	-5.0	69.2	11.77	67.0	11.81	62.5	11.82	60.3	11.80	53.6	11.61	49.1	11.37	38.0	10.41
		-1.8	-2.5	69.2	10.73	67.0	10.79	62.5	10.86	60.3	10.87	53.6	10.77	49.1	10.60	38.0	9.79
		0.8	0.0	69.2	9.68	67.0	9.75	62.5	9.87	60.3	9.90	53.6	9.89	49.1	9.79	38.0	9.15
		2.8	2.0	69.2	9.66	67.0	9.44	62.5	9.00	60.3	8.97	53.6	9.03	49.1	8.99	38.0	8.53
		6.0	5.0	69.2	9.66	67.0	9.44	62.5	9.00	60.3	8.78	53.6	8.13	49.1	7.89	38.0	7.64
		7.0	6.0	69.2	9.66	67.0	9.44	62.5	9.00	60.3	8.78	53.6	8.13	49.1	7.69	38.0	7.37
		8.6	7.5	69.2	9.66	67.0	9.44	62.5	9.00	60.3	8.78	53.6	8.13	49.1	7.69	38.0	6.97
		11.2	10.0	69.2	9.66	67.0	9.44	62.5	9.00	60.3	8.78	53.6	8.13	49.1	7.69	38.0	6.59
16.4	15.0	69.2	9.66	67.0	9.44	62.5	9.00	60.3	8.78	53.6	8.13	49.1	7.69	38.0	6.59		
24.0	18.0	69.2	9.66	67.0	9.44	62.5	9.00	60.3	8.78	53.6	8.13	49.1	7.69	38.0	6.59		

