

DATA SHEET**Base data**

Description	N2W2	-
Supply air flow	6500	m3/h
Dispositional pressure	300	Pa
Exhaust air flow	6250	m3/h
Dispositional pressure	0	Pa
Heating power	87,6	kW
Cooling power	56	kW
Power recruitment	33,38	kW
Weight	1097	kg +/- 10%

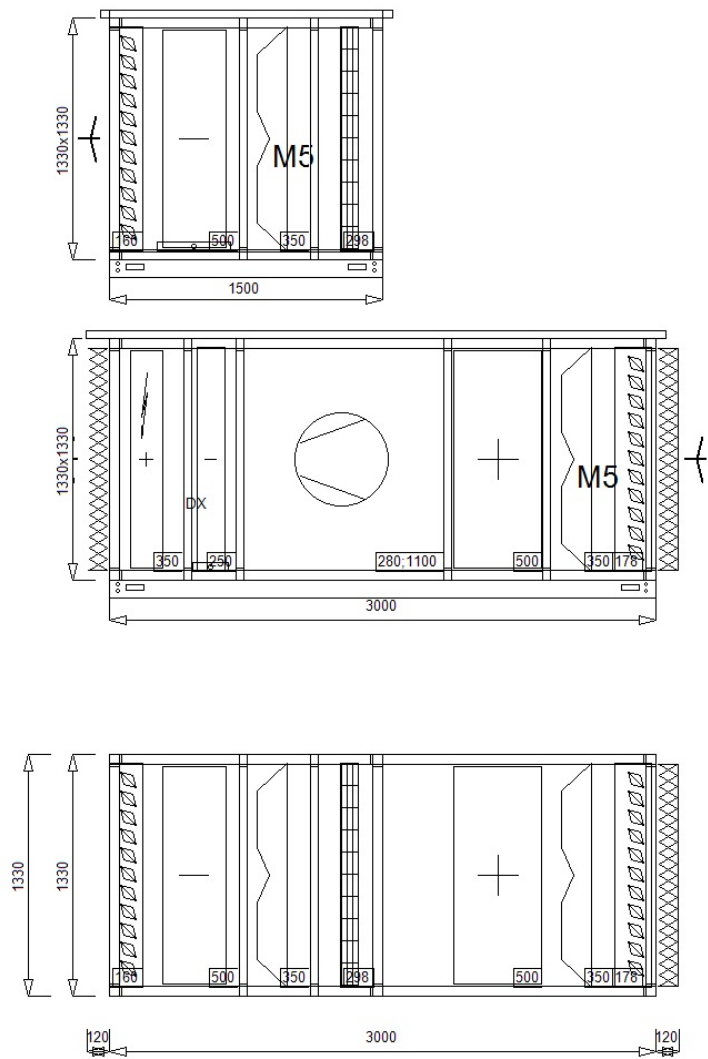
Casing

Frame height	100	mm
SFP (EN13779:2007)	0,82	kW/m3s
Execution side	Left/Left	-
Connection side	Left/Left	-
Serial number	HGA-083278	-
Control system	None	-
Housing panel	Standard	-
Panel core	Standard	-
Panel tickness	45	mm
Frame material	Aluminum	-
Profile	Anodized	-

Frequency	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	Lw dB(A)
Supply Intake LwA [dB]	68	71	67	63	59	56	49	43	65
Supply Outlet LwA[dB]	68	76	72	73	69	63	54	49	73
Supply Surroundings LwA [dB]	59	64	53	49	45	41	37	25	52
Supply Surroundings (Lp) [dB(A)]	22	37	33	35	34	31	27	13	38

DATA SHEET

DRAWING



DATA SHEET

S001 FILTER BAG

Drop pressure (Initial)	-	-	7	Pa
Drop pressure (Average)	-	-	103	Pa
Drop pressure (Final)	-	-	200	Pa
Filter	-	-	Kieszeniowy	-
Filtration class	-	-	M5	-
ISO 16890 Class	-	-	ePM10 60%	-
Dimensions	0592x0542	mm	2	szt
Dimensions	0592x0592	mm	2	szt

S002 GLYCOL EXCHANGER

Air flow	-	-	6500	m3/h
Pressure drop	-	-	131	Pa
Air velocity	-	-	1,25	m/s
Air speed	-	-	1,37	m/s
Power	-	-	74,00	kW
Air inlet	-20,00	°C	100	%
Outlet air	15,60	°C	1	%
Fluid parameters	16,30	°C	9,50	°C
Fluid pressure drop	-	-	32,00	kPa
Fluid mass flow	-	-	2,91	l/s
kvs	-	-	18,50	-
Valve authority	-	-	0,50	-
Fluid type	-	-	Etylenowy	-
Glycol content	-	-	35	%
Temperature efficiency	-	-	59,66	%
Connection dimension DN	-	-	2"	-
Capacity	-	-	79,30	l
Number of rows	-	-	12	-

S003 FAN

Stat. pressure	-	-	624	Pa
Total pressure	-	-	646	Pa
Fan efficiency	-	-	72	%
Speed (RPM)	-	-	1244	1/min
Speed (RPM) max.	-	-	1750	1/min
Operating point	7,1	V	71	%
Power recruitment	-	-	1,78	kW

DATA SHEET

Power consumption - clean filters	-	-	1,48	kW
Nom. motor power	-	-	5,00	kW
Nom. motor current	-	-	8,00	A
Nom. motor frequency	-	-	50	Hz
Motor power supply	-	-	3~ 400	V
SFP (EN13779:2007)	-	-	0,82	kW/m3/s
SFP Class	-	-	SFP3	-
K-factor	-	-	308	-
Type	-	-	EC	-
Degree of protection	-	-	IP54	-
Efficiency class	-	-	IE5	-

S004 DX COOLER

Parameters summer :	-	-	-	-
Air flow	-	-	6500	m3/h
Pressure drop	-	-	51	Pa
Air velocity	-	-	1,25	m/s
Air speed	-	-	1,57	m/s
Power	-	-	56,00	kW
Air inlet	32,00	°C	45	%
Outlet air	16,15	°C	84	%
Evapor. temperature	-	-	6,00	°C
Medium type	-	-	R32	-
Section nb.	-	-	2	-
Capacity	-	-	11,30	-
Number of rows	-	-	3	-
SHF	-	-	0,63	-
Condensate	-	-	0,50	l/min
Parameters winter :	-	-	-	-
Air flow	-	-	6500	m3/h
Pressure drop	-	-	51	Pa
Air velocity	-	-	1,25	m/s
Air speed	-	-	1,57	m/s
Power	-	-	56,00	kW
Air inlet	7,00	°C	60	%
Outlet air	20,00	°C	12	%
Condensing temperature	-	-	45,00	°C
Medium type	-	-	R32	-
Section nb.	-	-	2	-
Capacity	-	-	11,30	-
Number of rows	-	-	3	-
Condensate drain	-	-	30	mm

DATA SHEET**S005 ELECTRIC HEATER**

Air flow	-	-	6500	m3/h
Pressure drop	-	-	20	Pa
Air velocity	-	-	1,25	m/s
Air speed	-	-	1,56	m/s
Calculating power	-	-	31,60	kW
Max. power	-	-	36,00	kW
Load	-	-	87,78	%
Section nb.	-	-	2	-
Air inlet	-20,00	°C	100	%
Outlet air	-5,53	°C	26	%
Power supply	-	-	3x400	V
Protection	-	-	63	A

S006 FILTER METAL

Drop pressure (Initial)	-	-	4	Pa
Drop pressure (Average)	-	-	43	Pa
Drop pressure (Final)	-	-	150	Pa
Filter	-	-	Metalowy	-
Filtration class	-	-	G2	-
ISO 16890 Class	-	-	Coarse 30%	-
Dimensions	0592x0542	mm	2	szt
Dimensions	0592x0592	mm	2	szt

S007 FILTER BAG

Drop pressure (Initial)	-	-	6	Pa
Drop pressure (Average)	-	-	103	Pa
Drop pressure (Final)	-	-	200	Pa
Filter	-	-	Kieszeniowy	-
Filtration class	-	-	M5	-
ISO 16890 Class	-	-	ePM10 60%	-
Dimensions	0592x0542	mm	2	szt
Dimensions	0592x0592	mm	2	szt

S008 GLYCOL EXCHANGER

Air flow	-	-	6250	m3/h
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DATA SHEET

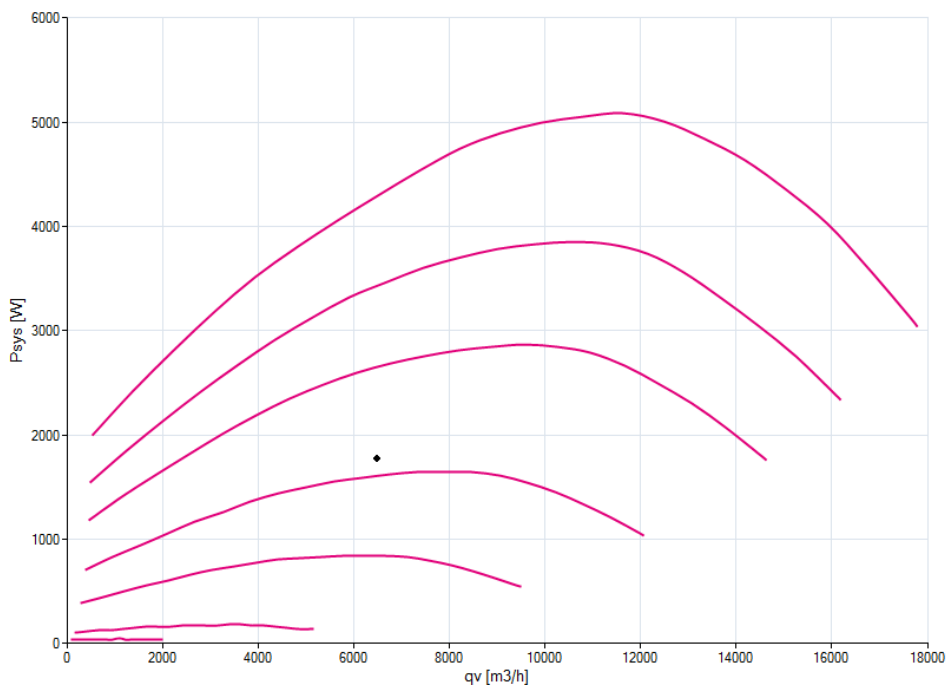
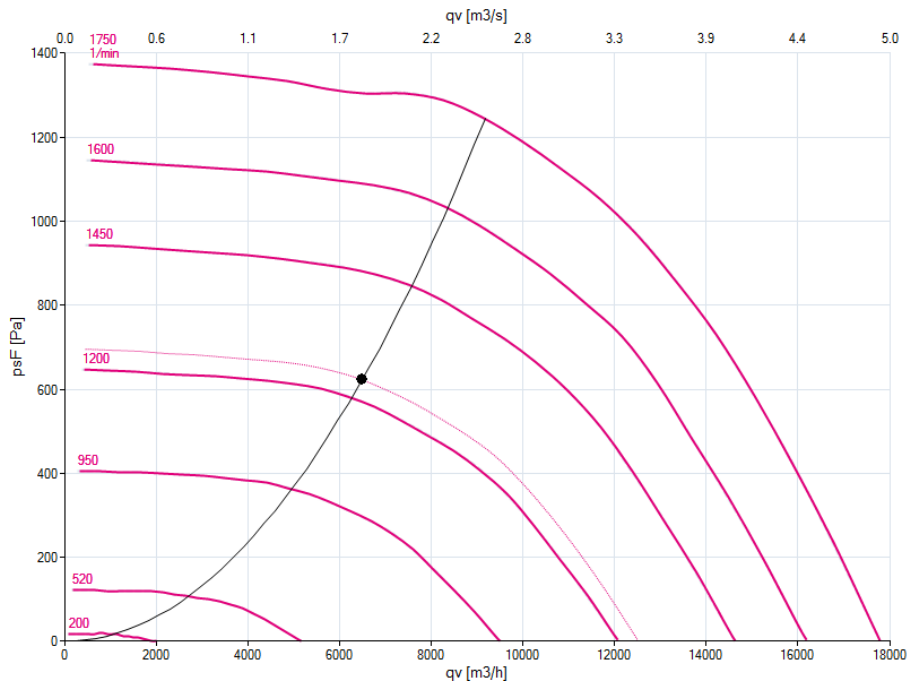
Pressure drop	-	-	198	Pa
Air velocity	-	-	1,21	m/s
Air speed	-	-	1,59	m/s
Power	-	-	74,00	kW
Power reserve	0,00	%	-	-
Air inlet	26,00	°C	70	%
Outlet air	10,70	°C	100	%
Fluid parameters	9,50	°C	16,30	°C
Fluid pressure drop	-	-	32,00	kPa
Fluid mass flow	-	-	2,91	l/s
kvs	-	-	18,50	-
Valve authority	-	-	0,50	-
Fluid type	-	-	Etylenowy	-
Glycol content	-	-	35	%
Connection dimension DN	-	-	2"	-
Capacity	-	-	79,30	l
Number of rows	-	-	12	-
SHF	-	-	0,44	-
Condensate	-	-	0,87	l/min
Condensate drain	-	-	30	mm

Accessories

01-DKRA-0060-0000-C-V1	Roof hood	4 pcs
01-DSRO-0060-0240-C-V1	Roof hood	2 pcs
01-DSRO-0060-0280-C-V1	Roof hood	1 pcs
01-DSRO-0060-0600-C-V1	Roof hood	1 pcs
01-DSRO-0060-1080-C-V1	Roof hood	2 pcs
01-DZAP-0060-0000-C-V1	Roof hood	8 pcs
06-KE30-1220-1220-C-V1	Flexible connection	2 pcs
ROZ_SERV_25A_3b	Main switch, 25A, 3p	1 pcs

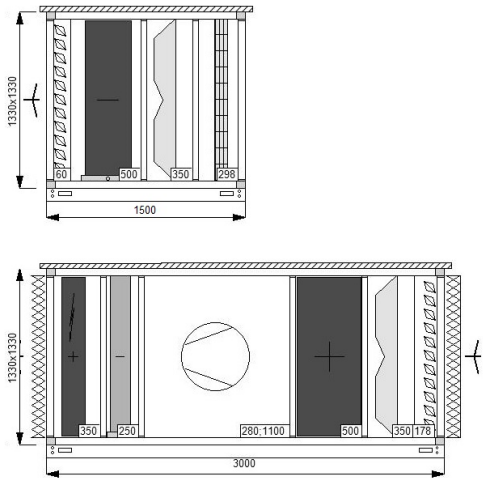
DATA SHEET

FAN SUPPLY



DATA SHEET

DRAWING



DIMMENSION OF SECTION

Number	Name	Lenght[mm]	Width[mm]	Height[mm]	Weight[kg]
1	Section	1500	1330	1330	336
2	Section	3000	1330	1330	606

ELECTRICAL HEATER SCHEME

