ruck.eu
VENTILATOREN

CATALOGUE
2012

valid as of 01.06.2012

www.ruck.eu

Welcome to ruck Ventilatoren

We are pleased to present to you our extended catalouge and price list. The program was expanded by new, innovative products. Likewise we clearly increased the information content.

The upcoming challenges caused by the climate and energy discussions, require from all of us to place a much greater emphasis on possible energy savings, without losing focus on the profitability.

For the conversion of these goals more attention must be given to the following points:

1. The efficiency of the fans must be increased.
2. The design of equipment and fans must be improved
3. Intelligent control systems for need-based air performance control.

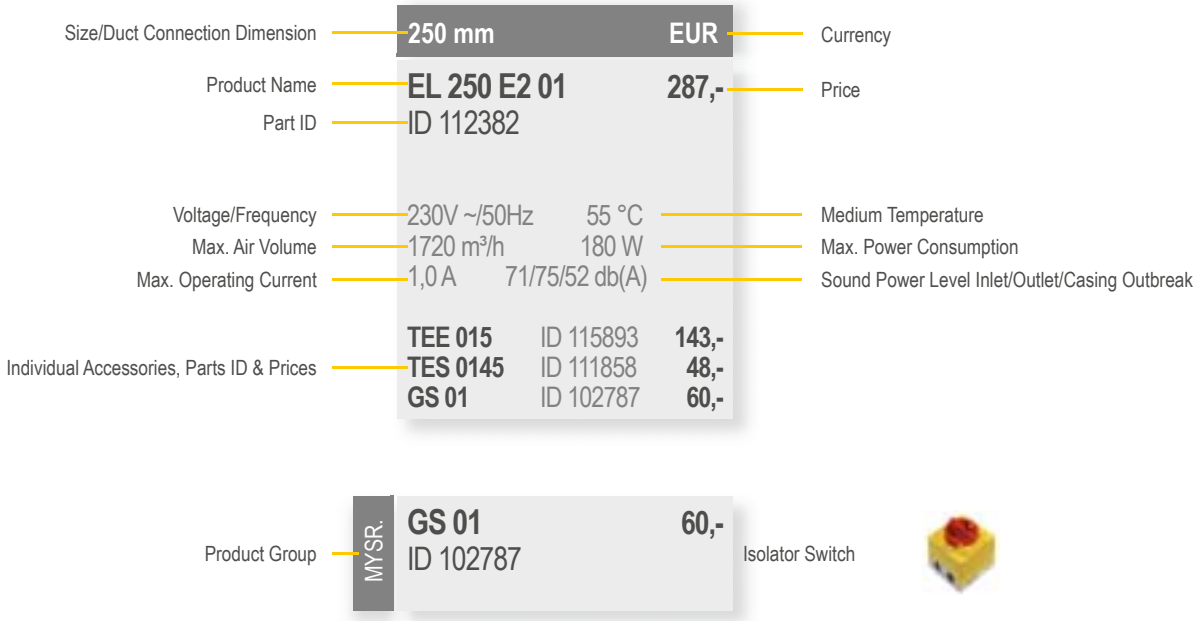
In this context, we want to point your attention to our innovative product finder at: www.ruck.eu. Within seconds you can locate cost and consumption efficient fans.

For comments or questions, our sales team or me personally are at your disposal.

Gerhard Ruck

Subject to technical modification

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br



Type	ID	Voltage U [V]	Frequency f [Hz]	Casing - sound power level L_{WA2} [dB (A)]	Inlet - sound power level L_{WA5} [dB (A)]	Δp_{fa} Total efficiency static η_{fa} [%]	Δp_t Total efficiency η_t [%]	Length L [mm]	Width W [mm]	Height H [mm]	Weight [kg]	Wiring diagram

Legend

AG = External screw thread
DV = DX-Coil
D_{Ges} = Total insertion attenuation [db(A)]
D... = Insertion attenuation at ...Hz [db(A)]
DN = Nominal Diameter [mm]
f = Frequency [Hz]
I_A = Output current FU [A]
IG = Internal screw thread
ID = Part ID
IP = Protection Class
$I_{max.}$ = Max. Operating Current [A]
kvs = Discharge Coefficient [m³/h]
L_1 = Etaline
L_2 = Short diffuser
L_3 = Sound diffuser
L_{WA2} = Casing - sound power level [dB (A)]
L_{WA5} = Inlet - sound power level [dB (A)]
L_{WA6} = Outlet - sound power level [dB (A)]
M1 = Supply air fan
M2 = Extract air fan
M3 = Actuator extract air flap
M4 = Actuator fresh air flap
M5 = Actuator bypass damper
M6 = Actuator 3-way ball valve
NW = Nominal width
P = Capacity heating coil [kW]
P_1 = Rated Power [W]
P_{1N} = Max. motor-power consumption [W]
PKW = Low Pressure Cold Water (LPCW)
$P_{stat.}$ = Static Pressure [Pa]
P_{max} = Maximum Output [PkW]
P_V = Efficiency loss FU [W]
p_W = Water pressure loss [kPa]
PWW = Low Pressure Hot Water (LPHW)
Q = Heating Capacity [kW]
$\dot{Q}$ = Heating Capacity [W]
r. H. = Relative humidity [%]
R1 = Temperature sensor exhaust air
R2 = Temperature sensor extracted air
R3 = Temperature sensor fresh air
R4 = Temperature sensor supply air
RR = Number of rows
t_{La} = Air out temperature [°C]
t_{Le} = Air in temperature [°C]
t_U = Max. ambient temperature [°C]
t_{We} = Water in temperature [°C]
t_{Wa} = Water out temperature [°C]
t_W = Water Temperature [°C]
U = Voltage [V]
U_A = Output voltage [V]
U_{max} = Maximum Voltage [V]
U_N = Nominal Voltage [V]
Vac = AC Voltage
Vdc = DC Voltage
$\dot{V}$ = Air Volume [m³/h]
$\dot{V}_L$ = Air volume referred to 20 °C [m³/h]
$\dot{V}_W$ = Water Volume [m³/h]
Δp = Filter control
Δ_{pv} = Stat. Pressure loss [Pa]
ΔT = Temperature rise [k]
$\Delta P_{stat.}$ = Static pressure increase [Pa]
η_{fa} = Total efficiency static [%]
η_t = Total efficiency [%]
η_{Tt} = Effieciency Heat Exchanger Temperature [%]

Counter cross-flow heat exchanger
Air filter (panel filter) filter class 5
Air filter (panel filter) filter class 7
Connection for condensate drain
Regulation/electric heater
Heating capacity
Bypass

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- Mixed Flow Fan with guide vanes
- Integrated thermal contact in 1~ and 3~ motors
- Current monitoring with EC-motors
- Junction box with cable gland IP44 in 1~ motors
- Maintenance-free, long-life ball bearings

ETALINE saves ENERGY

ETALINE has the highest fan efficiency and thus the lowest power consumption compared to all fans in its power class. The efficiency is about 50 % higher than that of conventional tube fans.

ETALINE saves SPACE

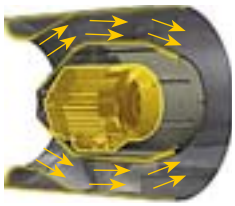
The high power density of the ETALINE favours compact dimensions-the fan housing is exactly the duct connection. Additional mounting space is not required.

ETALINE saves MONEY

About 70 % to 90 % of the total costs of a fan are allotted to cost of electricity. With ETALINE these are reduced by more than 30 %! Even more: Despite the superior product feature ETALINE is astonishingly inexpensive.

Complex blade contours

The exceptional performance data, in particular the unique high fan efficiency, based on the complex blade contours and the continuous meridian channel. This causes a very low loss of energy in the energy transformation of the fan.

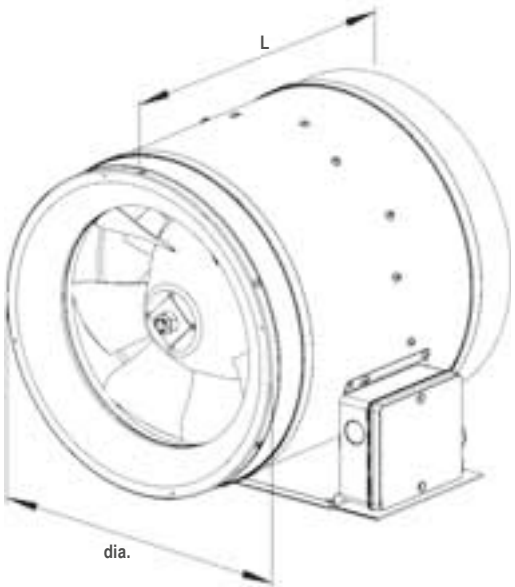


Motor protected in hub area

The motors do not have a disruptive effect on the air flow and are protected in the hub. In several executions the motor is completely seperated from the air stream.

Including mounting bracket

A stable mounting bracket is mounted to the fan.



n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

3-step

For controls with transformator. For controls with different outputs.

Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	dia.	L	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[kg]	
EL 125 E2M 01	122230	230V ~	50	56	67	21,0	22,0	124	215	2,4	122478
EL 150 E2M 01	122229	230V ~	50	54	65	27,0	29,0	149	215	2,2	122478
EL 150L E2M 01	122228	230V ~	50	63	72	29,0	32,0	149	260	3,4	122478
EL 160 E2M 01	121746	230V ~	50	54	64	28,0	29,0	159	215	2,2	122478
EL 160L E2M 01	122227	230V ~	50	62	69	30,0	33,0	159	260	3,4	122478
EL 200 E2M 01	122239	230V ~	50	61	72	30,0	33,0	201	225	3,4	122478
EL 200L E2M 01	121747	230V ~	50	62	70	34,0	36,0	199	245	3,3	122478
EL 250 E2M 01	122238	230V ~	50			49,0	53,0	250	278	7,1	122036

EL 230 V, voltage controllable

These fans can be connected directly to a 230 V/50 Hz mains supply, or with a transformer for variable speed regulation. Connection through terminal box.

Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	dia.	L	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[kg]	
EL 200 E2 01	116527	230V ~	50	60	72	33,0	36,6	201	225	2,9	118622
EL 250 E2 06	116227	230V ~	50	49	70	47,0	50,6	250	215	5,4	118787
EL 250 E2 01	112382	230V ~	50	54	72	44,8	49,2	250	278	6,4	116403
EL 280 E2 02	115334	230V ~	50	57	75	50,8	55,0	281	308	8,3	116403
EL 315 E2 03	117010	230V ~	50	56	75	50,6	54,8	315	308	8,4	116403
EL 315 E2 01	112202	230V ~	50	61	76	52,5	56,7	315	351	14,2	116403
EL 355 E4 01	112369	230V ~	50	48	64	46,3	50,5	354	396	13,5	116403
EL 355 E2 01	112757	230V ~	50	63	79	50,5	54,8	354	396	17,3	116403
EL 400 E4 01	119380	230V ~	50	61	70	46,0	50,9	403	416	12,8	120751
EL 450 E4 01	119336	230V ~	50	66	72	50,3	54,8	453	467	18,4	120750
EL 500 E4 01	118061	230V ~	50	68	75	48,4	52,3	504	515	23,2	120750
EL 560 E4 01	119349	230V ~	50	79	83	49,6	53,9	564	582	38,0	120750
EL 630 E4 01	119324	230V ~	50	77	84	55,4	59,9	634	654	43,1	120750

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EL for operation with FC

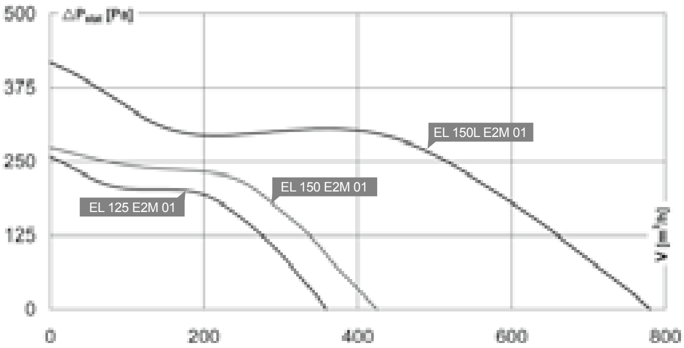
These fans are designed for operation with frequency converters. Shielded cabel provided Through frequency control the efficiency in partial load is also very high.

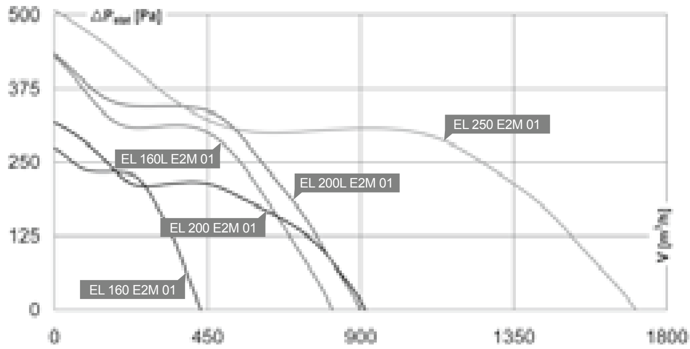
Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	dia.	L	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[kg]	
230V 3~Y											
EL 250 D2 01	118980	230V 3~Y	65	65	79	51,6	55,9	250	278	6,6	116460
EL 315 D2 01	112759	230V 3~Y	50	70	79	59,4	64,0	315	355	15,5	116460
EL 355 D2 01	112760	230V 3~Y	50	67	80	56,0	60,0	354	396	17,5	116460
EL 400 D4 01	119377	230V 3~Y	75	69	80	54,0	59,0	403	416	14,8	116460
EL 450 D4 01	118570	230V 3~Y	70	72	82	59,0	63,0	453	466	18,9	116460
EL 500 D4 01	117580	230V 3~Y	70	79	83	60,0	65,0	504	515	23,6	116460
400V 3~Y											
The sizes 400, 560, 630 and 710 can also be connected directly to 400 V/50 Hz three phase operation.											
EL 400 D2 01	119677	400V 3~Y	50	82	87	57,0	62,0	403	417	20,3	116460
EL 560 D4 01	119347	400V 3~Y	50	86	86	54,6	60,4	564	582	28,0	116460
EL 630 D4 01	117891	400V 3~Y	50	83	89	62,5	67,4	634	654	39,3	116460
EL 710 D4 01	119356	400V 3~Y	50	85	92	63,0	67,3	714	732	49,0	116460

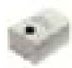
EL with EC motors

ETALINE with EC motors are by far the most energy saving fans on the market. Both in full and partial load operation, the fan total efficiency is very high. The ETALINE with EC motors must be operated with a controller, see accessories.

Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	dia.	L	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[kg]	
EL 400 EC 01	119384	230V ~	50	78	85	59,5	65,9	403	416	14,0	119339
EL 450 EC 01	119337	230V ~	50	78	81	66,0	72,0	453	467	17,5	119339
EL 500 EC 01	119321	400V 3~	50	78	84	69,1	75,0	504	515	21,3	119339
EL 560 EC 01	119351	400V 3~	50	82	90	63,3	68,8	564	582	31,0	119339
EL 630 EC 01	119322	400V 3~	50	81	88	69,0	75,0	634	654	38,4	119339
EL 710 EC 01	119359	400V 3~	50	80	88	69,7	75,3	714	732	50,7	119339





	125 mm EUR	150 mm EUR	160 mm EUR	200 mm EUR	250 mm EUR	
MERUS.	**EL 125 E2M 01** 128,- ID 122230 230V ~/50Hz 80 °C 360 m³/h 52 W 0,2 A 67/67/56 db(A) **TEE 015** ID 115893 143,- **TES 0145** ID 111858 48,- **GS 03** ID 107633 60,-	**EL 150 E2M 01** 128,- ID 122229 230V ~/50Hz 80 °C 425 m³/h 51 W 0,2 A 65/67/54 db(A) **TEE 015** ID 115893 143,- **TES 0145** ID 111858 48,- **GS 03** ID 107633 60,-	**EL 160 E2M 01** 128,- ID 121746 230V ~/50Hz 80 °C 430 m³/h 52 W 0,2 A 64/66/54 db(A) **TEE 015** ID 115893 143,- **TES 0145** ID 111858 48,- **GS 03** ID 107633 60,-	**EL 200 E2M 01** 161,- ID 122239 230V ~/50Hz 60 °C 910 m³/h 110 W 0,5 A 72/75/61 db(A) **TEE 015** ID 115893 143,- **TES 0145** ID 111858 48,- **GS 03** ID 107633 60,-	**EL 250 E2M 01** 257,- ID 122238 230V ~/50Hz 50 °C 1710 m³/h 180 W 0,8 A **TEE 015** ID 115893 143,- **TES 0145** ID 111858 48,- **GS 03** ID 107633 60,-	 **Specific Accessories** For details see page: 134
MERUS.		**EL 150L E2M 01** 161,- ID 122228 230V ~/50Hz 50 °C 780 m³/h 130 W 0,6 A 72/72/63 db(A) **TEE 015** ID 115893 143,- **TES 0145** ID 111858 48,- **GS 03** ID 107633 60,-	**EL 160L E2M 01** 161,- ID 122227 230V ~/50Hz 50 °C 820 m³/h 130 W 0,6 A 69/70/62 db(A) **TEE 015** ID 115893 143,- **TES 0145** ID 111858 48,- **GS 03** ID 107633 60,-	**EL 200L E2M 01** 161,- ID 121747 230V ~/50Hz 50 °C 900 m³/h 130 W 0,6 A 70/72/62 db(A) **TEE 015** ID 115893 143,- **TES 0145** ID 111858 48,- **GS 03** ID 107633 60,-		**TEM . . .** 5-Step Transformer With motor protection  **TES . . .** 7-Step Transformer Without motor protection  **GS . . .** Isolator Switch 
MYMRV.	**VM 125** 12,- ID 102647	**VM 150** 13,- ID 102648	**VM 160** 14,- ID 102649	**VM 200** 16,- ID 102650	**VM 250** 19,- ID 102651	**Fast Clamps** 1 Set = 2 pcs. 
MYMRR.	**RSK 125** 16,- ID 102179	**RSK 150** 18,- ID 102660	**RSK 160** 18,- ID 102661	**RSK 200** 21,- ID 102662	**RSK 250** 29,- ID 102686	**Back Draught Shutter** 
MYMRR.	**RSK 125D** 18,- ID 113483	**RSK 150D** 20,- ID 113484	**RSK 160D** 20,- ID 113485	**RSK 200D** 23,- ID 113487	**RSK 250D** 31,- ID 113488	**Back Draught Shutter** With seal 
MYMRS.	**SG 125 01** 8,- ID 102895	**SG 150 01** 10,- ID 102896	**SG 160 01** 10,- ID 102897	**SG 200 01** 12,- ID 102898	**SG 250 01** 16,- ID 102899	**Protection Grille** 
MYMRS.					**SG 250 02** 9,- ID 112677	**Protection Grille** Inlet 
MYMRDS.	**SDS 125** 61,- ID 102712	**SDS 150** 68,- ID 102714	**SDS 160** 74,- ID 102717	**SDS 200** 88,- ID 102719	**SDS 250** 106,- ID 102721	**Duct Silencer** Rigid, 1 m 
MYMRDF.	**SDF 125** 66,- ID 102700	**SDF 150** 75,- ID 102702	**SDF 160** 76,- ID 102703	**SDF 200** 93,- ID 102704	**SDF 250** 110,- ID 102705	**Duct Silencer** Flexibel, 1 m 
MYMRHL.	**FV 125** 35,- ID 112679	**FV 150** 35,- ID 112680	**FV 160** 35,- ID 112831	**FV 200** 49,- ID 112832	**FV 250** 49,- ID 112833	**Filter Box with Mat Filter G3** 
MYMRHO.	**FT 125** 80,- ID 112843	**FT 150** 80,- ID 112842	**FT 160** 80,- ID 112841	**FT 200** 80,- ID 112840	**FT 250** 80,- ID 112845	**Filter Box for Bag Filter** Without filter 
MYMRHH.	**FTW 125** 365,- ID 112850	**FTW 150** 365,- ID 112851	**FTW 160** 365,- ID 112852	**FTW 200** 365,- ID 112853	**FTW 250** 398,- ID 112854	**Filter Box with Filter F5 and Heating Coil** 

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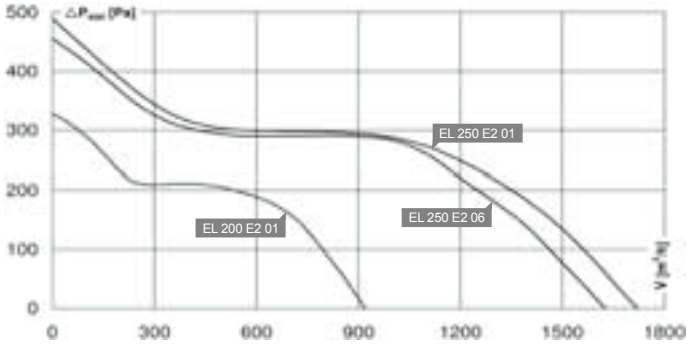
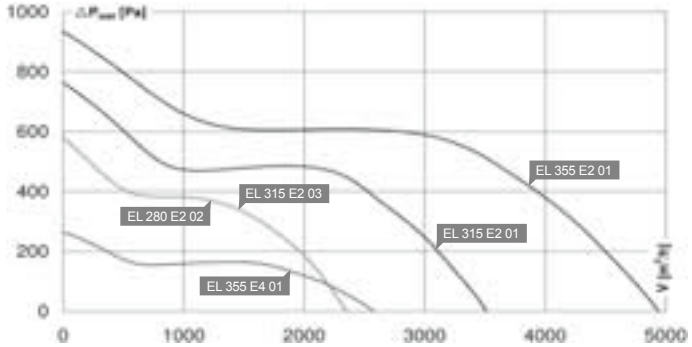
EL ETALINE, 230V Voltage controllable

230 V ~, 50 Hz

Voltage controllable





Specific Accessories
For details see page: 134


TEE . . .
5-Step Transformer
Without motor protection


TES . . .
7-Step Transformer
Without motor protection


TEM . . .
5-Step Transformer
With motor protection

200 mm	EUR	250 mm	EUR	280 mm	EUR	315 mm	EUR	355 mm	EUR	
EL 200 E2 01 ID 116527 230V ~/50Hz 45 °C 920 m³/h 100 W 0,5 A 72/76/60 db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**	**163,-**	**EL 250 E2 06** ID 116227 230V ~/50Hz 50 °C 1625 m³/h 160 W 0,8 A 70/74/49 db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**	**258,-**	**EL 280 E2 02** ID 115334 230V ~/50Hz 55 °C 2360 m³/h 270 W 1,6 A 75/79/57 db(A) **TEM 035** ID 103502 **210,-** **TES 035** ID 103954 **80,-**	**310,-**	**EL 315 E2 03** ID 117010 230V ~/50Hz 55 °C 2360 m³/h 270 W 1,6 A 75/79/56 db(A) **TEM 035** ID 103502 **210,-** **TES 035** ID 103954 **80,-**	**324,-**	**EL 355 E4 01** ID 112369 230V ~/50Hz 80 °C 2580 m³/h 150 W 1,0 A 64/67/48 db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**	**514,-**	MERUS.
		EL 250 E2 01 ID 112382 230V ~/50Hz 55 °C 1740 m³/h 180 W 1,0 A 72/78/54 db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**	**287,-**			**EL 315 E2 01** ID 112202 230V ~/50Hz 70 °C 3510 m³/h 530 W 3,2 A 76/81/61 db(A) **TEM 035** ID 103502 **210,-** **TES 035** ID 103954 **80,-**	**546,-**	**EL 355 E2 01** ID 112757 230V ~/50Hz 45 °C 4940 m³/h 960 W 5,4 A 79/83/63 db(A) **TEM 075** ID 103507 **265,-** **TES 075** ID 103957 **146,-**	**590,-**	MERUS.

 **Isolator Switch**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	MYSR.
 **Fast Clamps** 1 Set = 2 pcs.	**VM 200** ID 102650	**16,-**	**VM 250** ID 102651	**19,-**	**VM 280** ID 115494	**20,-**	**VM 315** ID 102652	**21,-**	**VM 355** ID 102653	**24,-**	MYMRV.
 **Back Draught Shutter**	**RSK 200** ID 102662	**21,-**	**RSK 250** ID 102686	**29,-**			**RSK 315** ID 102664	**36,-**	**RSK 355** ID 102665	**74,-**	MYMRR.
 **Back Draught Shutter** With seal	**RSK 200D** ID 113487	**23,-**	**RSK 250D** ID 113488	**31,-**			**RSK 315D** ID 113489	**38,-**	**RSK 355D** ID 113491	**76,-**	MYMRR.
 **Protection Grille**	**SG 200 01** ID 102898	**12,-**	**SG 250 01** ID 102899	**16,-**			**SG 315 01** ID 102900	**20,-**			MYMRS.
 **Protection Grille** Inlet			**SG 250 02** ID 112677	**9,-**	**SG 280 02** ID 115066	**10,-**	**SG 315 02** ID 112675	**13,-**	**SG 355 02** ID 112674	**16,-**	MYMRS.
 **Duct Silencer** Rigid, 1 m	**SDS 200** ID 102719	**88,-**	**SDS 250** ID 102721	**106,-**	**SDS 280** ID 115243	**110,-**	**SDS 315** ID 102723	**124,-**	**SDS 355** ID 102725	**176,-**	MYMRDS.
 **Duct Silencer** Flexibel, 1 m	**SDF 200** ID 102704	**93,-**	**SDF 250** ID 102705	**110,-**			**SDF 315** ID 102706	**130,-**	**SDF 355** ID 102707	**144,-**	MYMRDF.
 **Filter Box with Mat Filter G3**	**FV 200** ID 112832	**49,-**	**FV 250** ID 112833	**49,-**			**FV 315** ID 112834	**78,-**	**FV 355** ID 112835	**78,-**	MYMRHL.
 **Filter Box for Bag Filter** Without filter	**FT 200** ID 112840	**80,-**	**FT 250** ID 112845	**80,-**			**FT 315** ID 112846	**118,-**	**FT 355** ID 112847	**118,-**	MYMRHO.
 **Filter Box with Filter F5 and Heating Coil**	**FTW 200** ID 112853	**365,-**	**FTW 250** ID 112854	**398,-**			**FTW 315** ID 112855	**598,-**	**FTW 355** ID 112856	**598,-**	MYMRHH.
 **Adapter Plate** Rectangular/round duct			**UKR 5025 01** ID 114638 Duct connection 50/25 cm	**18,-**	**UKR 5030 02** ID 115193 Duct connection 50/30 cm	**20,-**	**UKR 6030 03** ID 114640 Duct connection 60/30 cm	**22,-**	**UKR 6035 01** ID 114641 Duct connection 60/35 cm	**24,-**	MYMKU.
 **Adapter Plate** Rectangular/round duct			**UKR 5030 01** ID 114639 Duct connection 50/30 cm	**20,-**							MYMKU.

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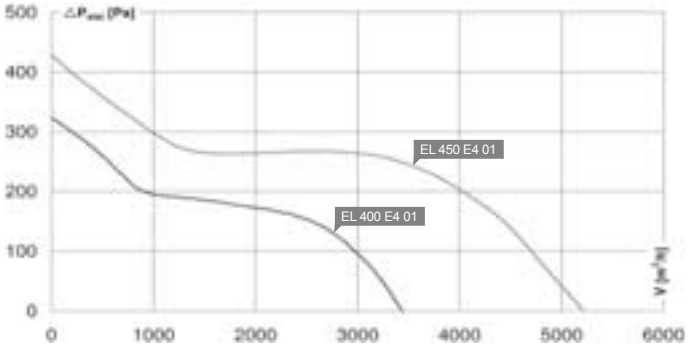
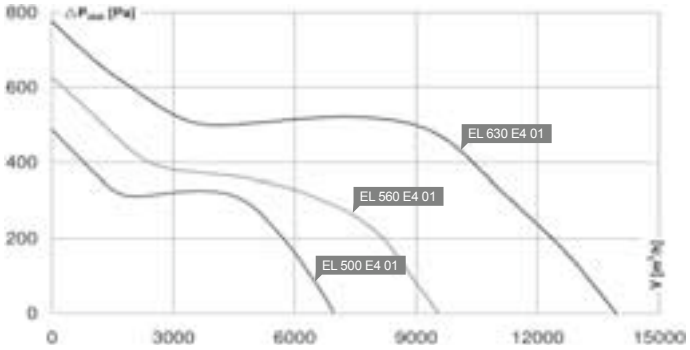
Voltage controllable





	400 mm	EUR	450 mm	EUR	500 mm	EUR	560 mm	EUR	630 mm	EUR
MERUS.	**EL 400 E4 01** ID 119380	**885,-**	**EL 450 E4 01** ID 119336	**1070,-**	**EL 500 E4 01** ID 118061	**1220,-**	**EL 560 E4 01** ID 119349	**1770,-**	**EL 630 E4 01** ID 119324	**1990,-**
	230V ~/50Hz 80 °C 3440 m³/h 215 W 1,5 A 70/75/61 db(A)		230V ~/50Hz 80 °C 5210 m³/h 450 W 3,1 A 72/77/66 db(A)		230V ~/50Hz 80 °C 6950 m³/h 740 W 4,2 A 75/77/68 db(A)		230V ~/50Hz 80 °C 9550 m³/h 1.120 W 7,6 A 83/87/79 db(A)		230V ~/50Hz 50 °C 13940 m³/h 2.140 W 11,4 A 84/86/77 db(A)	
	TEM 035 ID 103502	**210,-**	**TEM 035** ID 103502	**210,-**	**TEM 050** ID 103519	**225,-**	**TEM 100** ID 103511	**420,-**	**TEM 130** ID 103950	**455,-**
	TES 035 ID 103954	**80,-**	**TES 035** ID 103954	**80,-**	**TES 050** ID 103955	**98,-**	**TES 100** ID 103958	**140,-**	**TES 130** ID 103959	**162,-**
	GS 01 ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 03** ID 107633	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**

Specific Accessories
For details see page: 134

TEM . . .
5-Step Transformer
With motor protection

TES . . .
7-Step Transformer
Without motor protection

GS . . .
Isolator Switch

MYMRV.	**VM 400** ID 102654	**25,-**	**VM 450** ID 119495	**30,-**	**VM 500** ID 118094	**32,-**	**VM 560** ID 119496	**38,-**	**VM 630** ID 119497	**45,-**
MYMRDS.	**SDS 400** ID 102727	**206,-**	**SDS 450** ID 124179	**216,-**	**SDS 500** ID 118834	**228,-**				
MYMRDF.	**SDF 400** ID 102708	**157,-**								
MYMRS.	**SG 400 02** ID 123949	**27,-**	**SG 450 02** ID 119411	**36,-**	**SG 500 02** ID 119191	**44,-**	**SG 560 02** ID 119412	**50,-**	**SG 630 02** ID 119413	**60,-**

Fast Clamps
1 Set = 2 pcs.

Duct Silencer
Rigid, 1 m

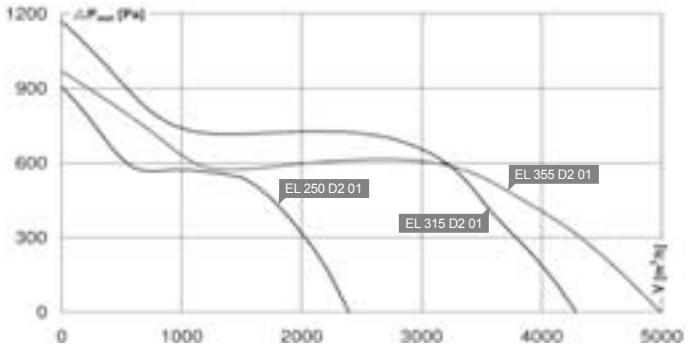
Duct Silencer
Flexibel, 1 m

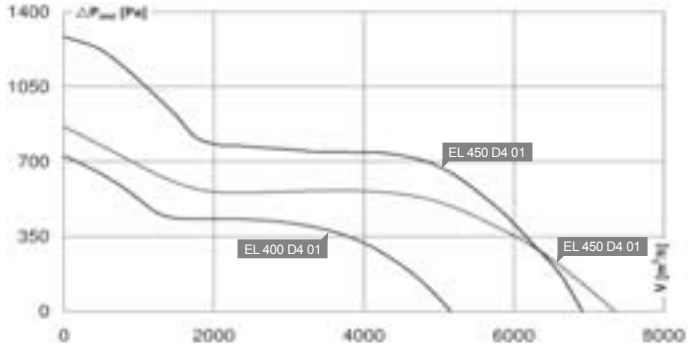
Protection Grille
Inlet

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

EL ETALINE, For operation with FC — 230 V 3PH for FC*

*For connection to frequency converter





250 mm	EUR	315 mm	EUR	355 mm	EUR	400 mm	EUR	450 mm	EUR	
EL 250 D2 01 ID 118980 230V 3~Y/65Hz 50 °C 2390 m³/h 382 W 1,5 A 79/82/65 db(A)	330,-	**EL 315 D2 01** ID 112759 230V 3~/50Hz 40 °C 4230 m³/h 560 W 3,0 A 79/87/70 db(A)	540,-	**EL 355 D2 01** ID 112760 230V 3~/50Hz 60 °C 4990 m³/h 920 W 3,2 A 80/86/67 db(A)	560,-	**EL 400 D4 01** ID 119377 230V 3~Y/75Hz 80 °C 5160 m³/h 660 W 2,7 A 80/86/69 db(A)	1010,-	**EL 450 D4 01** ID 118570 230V 3~Y/70Hz 80 °C 7380 m³/h 1.000 W 4,4 A 82/87/72 db(A)	1090,-	MERUS.
FU 075 03 ID 121260 **420,-** **FU 075 01** ID 113988 **1050,-**		**FU 075 03** ID 121260 **420,-** **FU 075 01** ID 113988 **1050,-**		**FU 075 03** ID 121260 **420,-** **FU 075 01** ID 113988 **1050,-**		**FU 075 03** ID 121260 **420,-** **FU 075 01** ID 113988 **1050,-**		**FU 15 03** ID 121261 **625,-** **FU 15 01** ID 113989 **1500,-**		
						EL 400 D2 01 ID 119677 400V 3~/50Hz 80 °C 6910 m³/h 1.570 W 3,2 A 87/93/82 db(A) **FU 22 03** ID 118511 **1630,-** **FU 22 05** ID 124682 **1280,-**	1080,-			MERUS.

Specific Accessories
For details see page: 134


FU . . .
Frequency Converter


FU . . .
Frequency Converter

 **Isolator Switch**	**GS 03** ID 107633	60,-	**GS 03** ID 107633	60,-	**GS 03** ID 107633	60,-	**GS 03** ID 107633	60,-	**GS 03** ID 107633	60,-	MYSR.
 **Fast Clamps** 1 Set = 2 pcs.	**VM 250** ID 102651	19,-	**VM 315** ID 102652	21,-	**VM 355** ID 102653	24,-	**VM 400** ID 102654	25,-	**VM 450** ID 119495	30,-	MYMRV.
 **Back Draught Shutter**	**RSK 250** ID 102686	29,-	**RSK 315** ID 102664	36,-	**RSK 355** ID 102665	74,-					MYMRR.
 **Back Draught Shutter** With seal	**RSK 250D** ID 113488	31,-	**RSK 315D** ID 113489	38,-	**RSK 355D** ID 113491	76,-					MYMRR.
 **Protection Grille**	**SG 250 01** ID 102899	16,-	**SG 315 01** ID 102900	20,-							MYMRS.
 **Protection Grille** Inlet	**SG 250 02** ID 112677	9,-	**SG 315 02** ID 112675	13,-	**SG 355 02** ID 112674	16,-	**SG 400 02** ID 123949	27,-	**SG 450 02** ID 119411	36,-	MYMRS.
 **Duct Silencer** Rigid, 1 m	**SDS 250** ID 102721	106,-	**SDS 315** ID 102723	124,-	**SDS 355** ID 102725	176,-	**SDS 400** ID 102727	206,-	**SDS 450** ID 124179	216,-	MYMRDS.
 **Duct Silencer** Flexibel, 1 m	**SDF 250** ID 102705	110,-	**SDF 315** ID 102706	130,-	**SDF 355** ID 102707	144,-	**SDF 400** ID 102708	157,-			MYMRDF.
 **Filter Box with Mat Filter G3**	**FV 250** ID 112833	49,-	**FV 315** ID 112834	78,-	**FV 355** ID 112835	78,-					MYMRHL.
 **Filter Box for Bag Filter** Without filter	**FT 250** ID 112845	80,-	**FT 315** ID 112846	118,-	**FT 355** ID 112847	118,-					MYMRHO.
 **Filter Box with Filter F5 and Heating Coil**	**FTW 250** ID 112854	398,-	**FTW 315** ID 112855	598,-	**FTW 355** ID 112856	598,-					MYMRHH.
 **Adapter Plate** Rectangular/round duct	**UKR 5025 01** ID 114638 Duct connection 50/25 cm	18,-	**UKR 6030 03** ID 114640 Duct connection 60/30 cm	22,-	**UKR 6035 01** ID 114641 Duct connection 60/35 cm	24,-					MYMKU.
 **Adapter Plate** Rectangular/round duct	**UKR 5030 01** ID 114639 Duct connection 50/30 cm	20,-									MYMKU.

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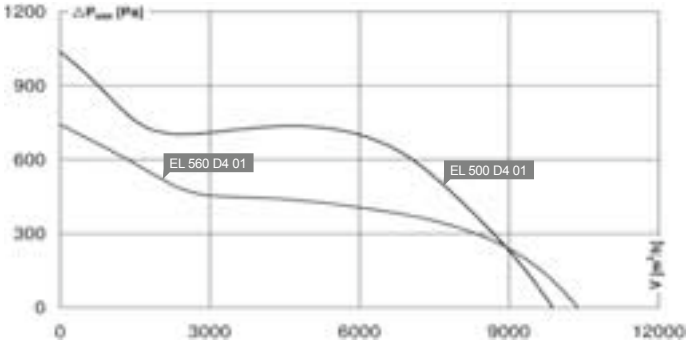
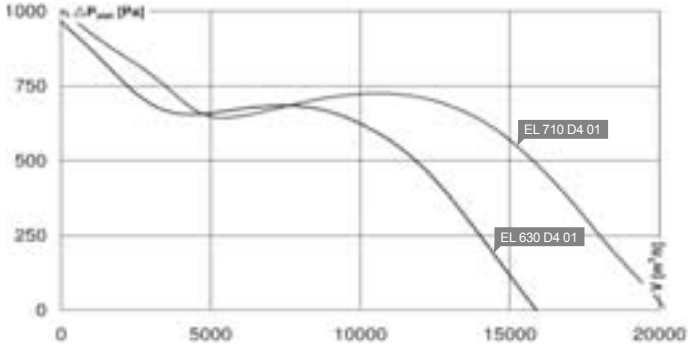
*For connection to frequency converter





	500 mm	EUR	560 mm	EUR	630 mm	EUR	710 mm	EUR
MERUS.	**EL 500 D4 01** ID 117580	**1190,-**	**EL 560 D4 01** ID 119347	**1440,-**	**EL 630 D4 01** ID 117891	**1690,-**	**EL 710 D4 01** ID 119356	**2040,-**
	230V 3~Y/70Hz 70 °C 9880 m³/h 1.930 W 7,1 A 83/93/79 db(A)		400V 3~/50Hz 80 °C 10380 m³/h 1.070 W 2,8 A 86/88/86 db(A)		400V 3~/50Hz 70 °C 15880 m³/h 2.170 W 5,4 A 89/91/83 db(A)		400V 3~/50Hz 55 °C 20240 m³/h 3.740 W 7,7 A 92/93/85 db(A)	
	FU 22 04 ID 121262 **695,-** **FU 22 01** ID 117547 **1605,-**		**FU 22 03** ID 118511 **1630,-** **FU 22 05** ID 124682 **1280,-**		**FU 30 03** ID 121609 **1360,-** **FU 30 04** ID 121610 **2290,-**		**FU 40 03** ID 121607 **1550,-** **FU 40 04** ID 121608 **2590,-**	
MYSR.	**GS 03** ID 107633	**60,-**	**GS 03** ID 107633	**60,-**	**GS 03** ID 107633	**60,-**	**GS 03** ID 107633	**60,-**
MYMRV.	**VM 500** ID 118094	**32,-**	**VM 560** ID 119496	**38,-**	**VM 630** ID 119497	**45,-**	**VM 710** ID 119498	**54,-**
MYMRDS.	**SDS 500** ID 118834	**228,-**						
MYMRS.	**SG 500 02** ID 119191	**44,-**	**SG 560 02** ID 119412	**50,-**	**SG 630 02** ID 119413	**60,-**	**SG 710 02** ID 119414	**79,-**

Specific Accessories
For details see page: 134

FU . . .
Frequency Converter

FU . . .
Frequency Converter

Isolator Switch

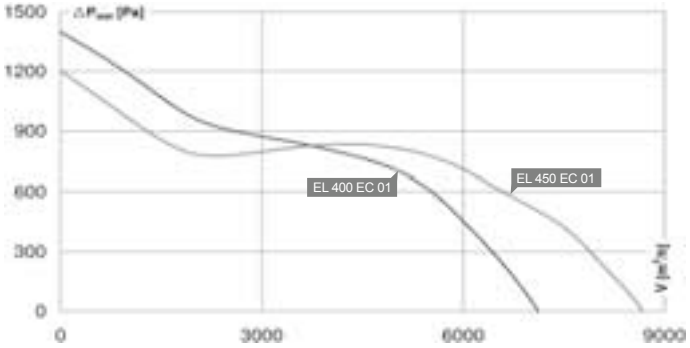
Fast Clamps
1 Set = 2 pcs.

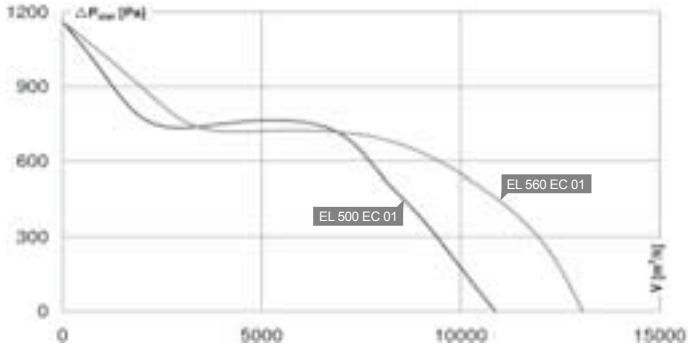
Duct Silencer
Rigid, 1 m

Protection Grille
Inlet

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

EL ETALINE, With EC motors





Specific Accessories
For details see page: 134

400 mm	EUR	450 mm	EUR	500 mm	EUR	560 mm	EUR
EL 400 EC 01 ID 119384	**1270,-**	**EL 450 EC 01** ID 119337	**1360,-**	**EL 500 EC 01** ID 119321	**1650,-**	**EL 560 EC 01** ID 119351	**1930,-**
230V ~/50Hz 80 °C 7120 m³/h 1.540 W 8,8 A 85/91/78 db(A)		230V ~/50Hz 55 °C 8670 m³/h 1.700 W 9,9 A 81/91/78 db(A)		400V 3~/50Hz 55 °C 10870 m³/h 1.850 W 3,3 A 84/92/78 db(A)		400V 3~/50Hz 50 °C 13080 m³/h 2.450 W 4,4 A 90/93/82 db(A)	

The ETALINE with EC motors must be operated with a controller, see accessories.

MERUS.

ECC . . .
EC-Controller

GS . . .
Isolator Switch

Fast Clamps
1 Set = 2 pcs.

Protection Grille
Inlet

ECC 14 01 ID 119697	**1350,-**	**ECC 14 01** ID 119697	**1350,-**	**ECC 20 01** ID 118833	**1450,-**	**ECC 30 01** ID 118880	**1520,-**
GS 03 ID 107633	**60,-**	**GS 03** ID 107633	**60,-**	**GS 03** ID 107633	**60,-**	**GS 03** ID 107633	**60,-**
VM 400 ID 102654	**25,-**	**VM 450** ID 119495	**30,-**	**VM 500** ID 118094	**32,-**	**VM 560** ID 119496	**38,-**
SG 400 02 ID 123949	**27,-**	**SG 450 02** ID 119411	**36,-**	**SG 500 02** ID 119191	**44,-**	**SG 560 02** ID 119412	**50,-**

MYSF.
MYSR.
MYMRV.
MYMRS.

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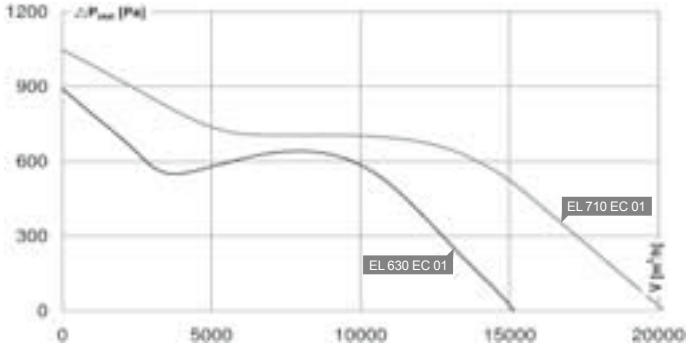


	630 mm	EUR	710 mm	EUR
MERUS.	**EL 630 EC 01** ID 119322 400V 3~/50Hz 50 °C 15100 m³/h 2.250 W 3,8 A 88/90/81 db(A)	**2335,-**	**EL 710 EC 01** ID 119359 400V 3~/50Hz 80 °C 20200 m³/h 3.100 W 5,7 A 88/92/80 db(A)	**2800,-**

The ETALINE with EC motors must be operated with a controller, see accessories.

Specific Accessories
For details see page: 134

MYSF.	**ECC 30 01** ID 118880	**1520,-**	**ECC 45 01** ID 119698	**1680,-**
MYSR.	**GS 03** ID 107633	**60,-**	**GS 03** ID 107633	**60,-**
MYMRV.	**VM 630** ID 119497	**45,-**	**VM 710** ID 119498	**54,-**
MYMRS.	**SG 630 02** ID 119413	**60,-**	**SG 710 02** ID 119414	**79,-**

ECC . . .
EC-Controller

GS . . .
Isolator Switch

Fast Clamps
1 Set = 2 pcs.

Protection Grille
Inlet

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

High fan efficiency
The advantages of ETALINE integrated in a rectangular duct fan.

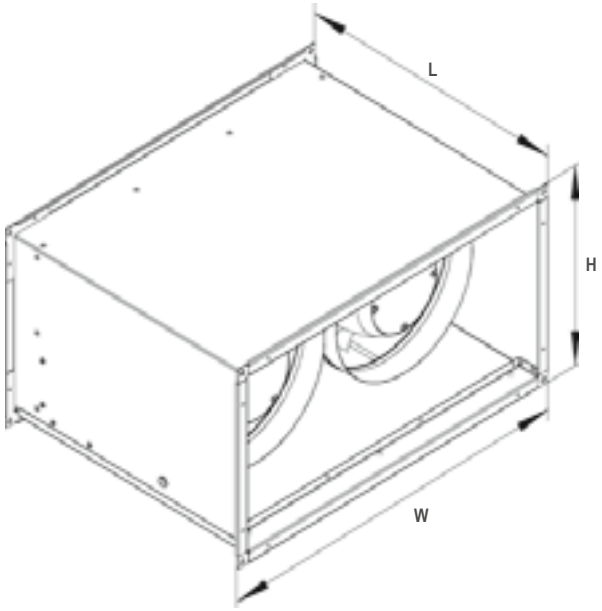
Ultrashort design
Very compact casing with short constructive form. The primary length was shortened by the use of ETALINE. Thereby we saved installation space and transport volume.

- Galvanized metal housing
- Speed controllable
- Integrated thermal switch
- Fan section removable

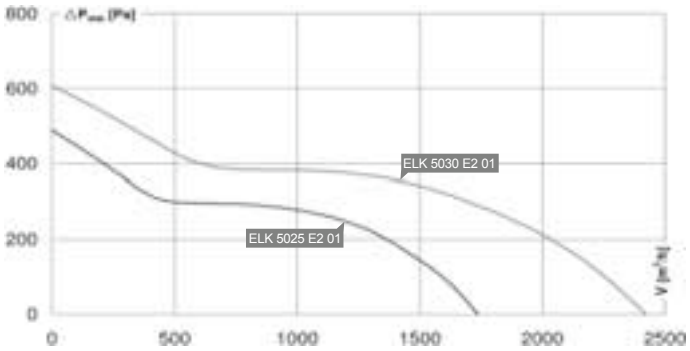
Standard connection dimensions
20 mm flange profile.

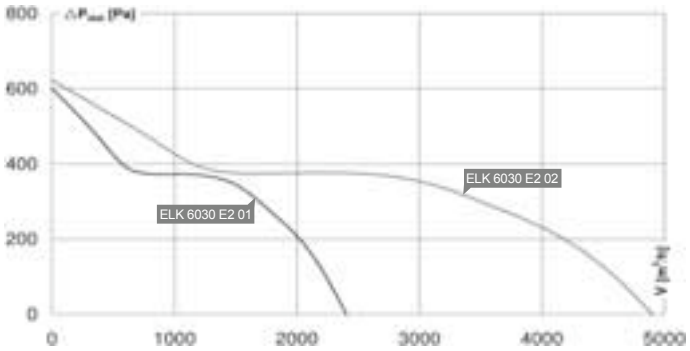
Big service hatch
A big access door enables easy access to terminal box and fan.

Internal connection
Easy wiring in a generous designed terminal compartment.



Type	ID	U	f	L_{WA6}	L_{WA5}	η_{fa}	η_t	L	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[mm]	[kg]	
ELK 5025 E2 01	121274	230V ~	50	74	75	43,3	43,9	483	538	288	14,5	120751
ELK 5030 E2 01	121275	230V ~	50	78	77	49,3	50,1	483	538	338	17,1	120751
ELK 6030 E2 01	121277	230V ~	50	79	77	49,1	49,5	483	638	338	18,3	120751
ELK 6030 E2 02	121279	230V ~	50	81	79	50,3	52,6	483	638	338	26,1	120990
ELK 6035 E2 01	121281	230V ~	50	85	82	47,8	48,3	483	638	338	25,0	116985
ELK 6035 E2 02	121283	230V ~	50	82	80	50,3	51,7	483	638	338	26,9	120990
ELK 6035 E2 03	121285	230V ~	50	85	83	49,2	50,1	483	638	338	27,1	116985
ELK 7040 E2 01	121287	230V ~	50	85	83	47,5	49,1	483	738	438	44,0	116998
ELK 8050 E2 01	121289	230V ~	50	88	86	49,6	50,9	483	738	538	51,6	120990





	50 / 25 cm	EUR	50 / 30 cm	EUR	60 / 30 cm	EUR	60 / 30 cm	EUR	
MEKU.	**ELK 5025 E2 01** ID 121274 230V ~/50Hz 55 °C 1740 m³/h 180 W 1,0 A 75/74/55 db(A)	**450,-**	**ELK 5030 E2 01** ID 121275 230V ~/50Hz 55 °C 2420 m³/h 280 W 1,7 A 77/78/- db(A)	**450,-**	**ELK 6030 E2 01** ID 121277 230V ~/50Hz 55 °C 2400 m³/h 280 W 1,7 A 77/79/- db(A)	**460,-**			
MEKU.							**ELK 6030 E2 02** ID 121279 230V ~/50Hz 55 °C 4900 m³/h 570 W 3,3 A 79/81/- db(A)	**740,-**	
MY SM.			**TEM 035** ID 103502	**210,-**	**TEM 035** ID 103502	**210,-**	**TEM 035** ID 103502	**210,-**	
MYSS.	**TEE 015** ID 115893	**143,-**							
MYSO.	**TES 0145** ID 111858	**48,-**	**TES 035** ID 103954	**80,-**	**TES 035** ID 103954	**80,-**	**TES 035** ID 103954	**80,-**	
MYSR.	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	
MYMKF.	**VS 5025** ID 102804	**65,-**	**VS 5030** ID 102805	**70,-**	**VS 6030** ID 102806	**74,-**	**VS 6030** ID 102806	**74,-**	
MYMKV.	**VKK 5025** ID 103894	**97,-**	**VKK 5030** ID 103893	**102,-**	**VKK 6030** ID 103895	**120,-**	**VKK 6030** ID 103895	**120,-**	

Specific Accessories
For details see page: 134

5-Step Transformer
With motor protection

5-Step Transformer
Without motor protection

7-Step Transformer
Without motor protection

Isolator Switch

Duct Collar
Flexible

Dampers
Automatic

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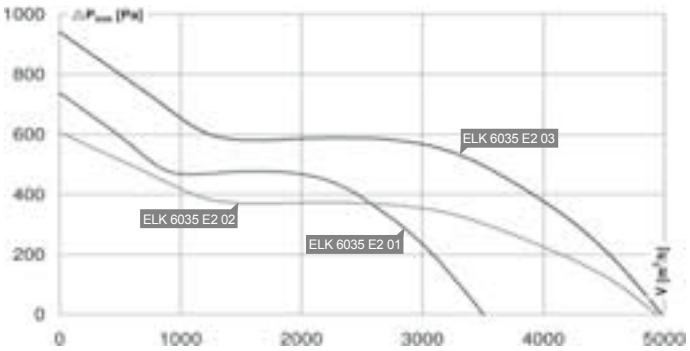
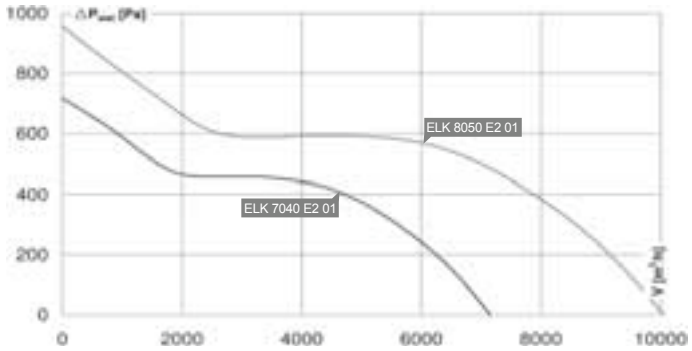
ELK Rectangular duct fan with ETALINE





60 / 35 cm	EUR	60 / 35 cm	EUR	60 / 35 cm	EUR	70 / 40 cm	EUR	80 / 50 cm	EUR	
ELK 6035 E2 01 ID 121281 230V ~/50Hz 70 °C 3510 m³/h 547 W 3,2 A 82/85/- db(A)	**660,-**			**ELK 6035 E2 03** ID 121285 230V ~/50Hz 45 °C 4970 m³/h 940 W 5,2 A 83/85/- db(A)	**730,-**					MEKU.
		ELK 6035 E2 02 ID 121283 230V ~/50Hz 55 °C 4940 m³/h 560 W 3,3 A 80/82/61 db(A)	**750,-**			**ELK 7040 E2 01** ID 121287 230V ~/50Hz 70 °C 7150 m³/h 1.040 W 6,6 A 83/85/- db(A)	**1180,-**	**ELK 8050 E2 01** ID 121289 230V ~/50Hz 45 °C 10050 m³/h 1.890 W 10,6 A 86/88/- db(A)	**1310,-**	MEKU.

Specific Accessories
For details see page: 134

5-Step Transformer
With motor protection

7-Step Transformer
Without motor protection

Isolator Switch

Duct Collar
Flexible

Dampers
Automatic

TEM 035 ID 103502	**210,-**	**TEM 035** ID 103502	**210,-**	**TEM 075** ID 103507	**265,-**	**TEM 075** ID 103507	**265,-**	**TEM 130** ID 103950	**455,-**	MYSM.
TES 035 ID 103954	**80,-**	**TES 035** ID 103954	**80,-**	**TES 075** ID 103957	**146,-**	**TES 075** ID 103957	**146,-**	**TES 130** ID 103959	**162,-**	MYSO.
GS 01 ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	MYSR.
VS 6035 ID 102808	**72,-**	**VS 6035** ID 102808	**72,-**	**VS 6035** ID 102808	**72,-**	**VS 7040** ID 103951	**80,-**	**VS 8050** ID 103953	**91,-**	MYMKF.
VKK 6035 ID 103892	**142,-**	**VKK 6035** ID 103892	**142,-**	**VKK 6035** ID 103892	**142,-**	**VKK 7040** ID 103944	**184,-**	**VKK 8050** ID 103945	**240,-**	MYMKV.

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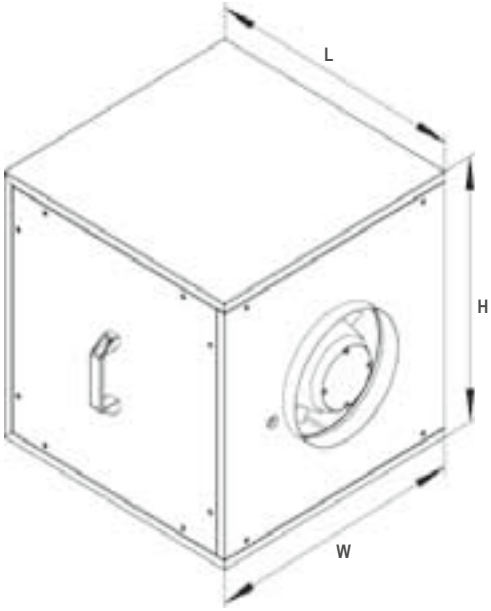
High fan efficiency
In use of our ETALINE we created a flexible exhaust fan box with high efficient fan.

Flexible intake and discharge
The inlet of this fan box is variable. The air flow could be either 90° or „Inline“. The fan can be turned around.

- Diagonal fan ETALINE
- Speed controllable
- Integrated thermal switch
- Galvanized sheet steel housing
- 40 mm insulation
- Variable outlet direction

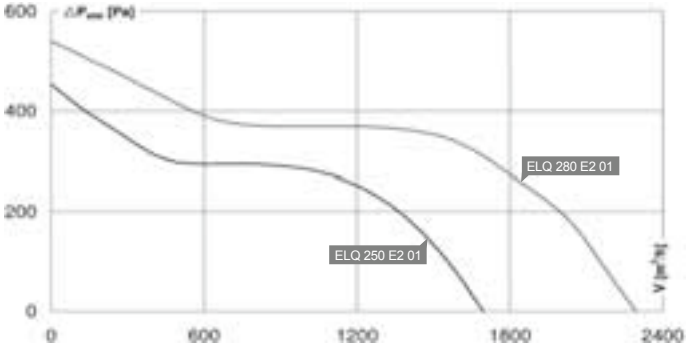
Big service hatch
A big access door enables easy access for cleaning and maintenance.

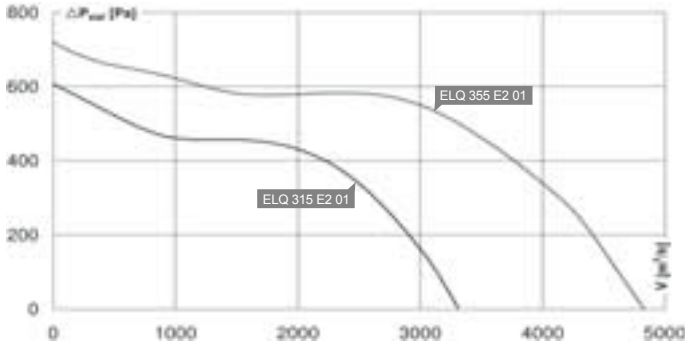
Variable / Flexible
4 fan versions in one box size.



Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	L	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[mm]	[kg]	
ELQ 250 E2 01	120901	230V ~	50	51	71	43,9	48,2	600	600	600	40,7	116403
ELQ 280 E2 01	120902	230V ~	50	53	75	49,2	53,0	600	600	600	42,5	116403
ELQ 315 E2 01	120905	230V ~	50	54	76	46,3	49,8	600	600	600	48,7	116403
ELQ 355 E2 01	120907	230V ~	50	59	79	45,5	48,8	600	600	600	50,9	116403

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br





	250 mm	EUR	280 mm	EUR	315 mm	EUR	355 mm	EUR
MEPQ.	**ELQ 250 E2 01** ID 120901 230V ~/50Hz 55 °C 1700 m³/h 180 W 1,0 A 71/78/51 db(A)	730,-	**ELQ 280 E2 01** ID 120902 230V ~/50Hz 55 °C 2300 m³/h 290 W 1,8 A 75/79/53 db(A)	750,-	**ELQ 315 E2 01** ID 120905 230V ~/50Hz 70 °C 3310 m³/h 510 W 3,0 A 76/82/54 db(A)	950,-	**ELQ 355 E2 01** ID 120907 230V ~/50Hz 45 °C 4830 m³/h 990 W 5,1 A 79/84/59 db(A)	990,-
MYSS.	**TEE 015** ID 115893	143,-						
MYSM.			**TEM 035** ID 103502	210,-	**TEM 035** ID 103502	210,-	**TEM 075** ID 103507	265,-
MYSO.	**TES 0145** ID 111858	48,-	**TES 035** ID 103954	80,-	**TES 035** ID 103954	80,-	**TES 075** ID 103957	146,-
MYSR.	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-
MYMRV.	**VM 250** ID 102651	19,-	**VM 280** ID 115494	20,-	**VM 315** ID 102652	21,-	**VM 355** ID 102653	24,-
MYMRR.	**RSK 250** ID 102686	29,-			**RSK 315** ID 102664	36,-	**RSK 355** ID 102665	74,-
MYMRR.	**RSK 250D** ID 113488	31,-			**RSK 315D** ID 113489	38,-	**RSK 355D** ID 113491	76,-
MYMRS.	**SG 250 02** ID 112677	9,-	**SG 280 02** ID 115066	10,-	**SG 315 02** ID 112675	13,-	**SG 355 02** ID 112674	16,-
MYMRDS.	**SDS 250** ID 102721	106,-	**SDS 280** ID 115243	110,-	**SDS 315** ID 102723	124,-	**SDS 355** ID 102725	176,-
MYMRDF.	**SDF 250** ID 102705	110,-			**SDF 315** ID 102706	130,-	**SDF 355** ID 102707	144,-

Specific Accessories
For details see page: 134

5-Step Transformer
Without motor protection

5-Step Transformer
With motor protection

7-Step Transformer
Without motor protection

Isolator Switch

Fast Clamps
1 Set = 2 pcs.

Back Draught Shutter

Back Draught Shutter
With seal

Protection Grille
Inlet

Duct Silencer
Rigid, 1 m

Duct Silencer
Flexibel, 1 m

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

The universal metal fan

RS metal tube fan is manufactured in large numbers and is therefore extremely inexpensive. It is versatile and can be utilized to aerate and deaerate.

External rotor motor with a millionfold proven reliability

The external rotor motor used have for decades proven their reliability in rough everyday operation a millionfold.

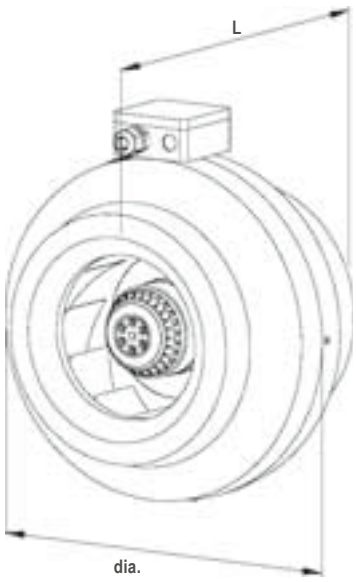
- Backward curved centrifugal fan
- Voltage controllable
- Integrated thermal contact
- Maintenance-free, long-life ball bearings
- Sheet steel housing powder coated RAL 7035

Powder coating

The housing is with a pleasant light grey RAL 7035 coating.

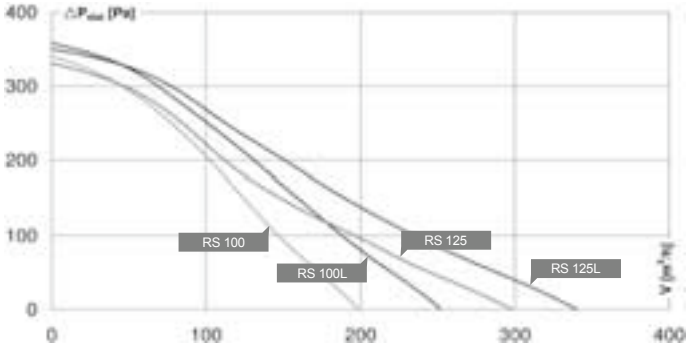
Wide range of accessories

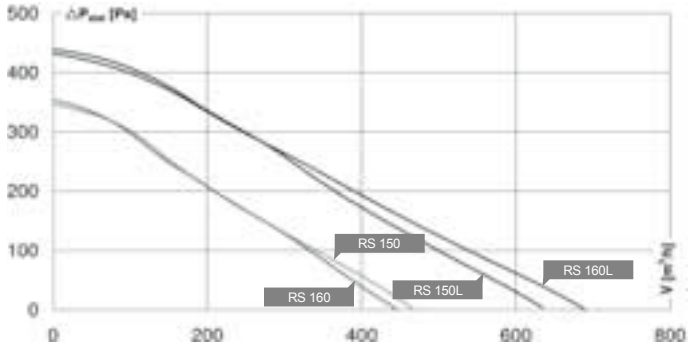
A wide range of accessories offers flexibility for professional solutions to various ventilating tasks.



Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	dia.	L	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[kg]	
RS 100	104169	230V ~	50			10,7	11,1	245	209	2,8	116403
RS 100L	104189	230V ~	50			10,2	10,8	245	208	2,7	116471
RS 125	104192	230V ~	50	55	62	11,8	12,0	245	193	2,6	116403
RS 125L	104194	230V ~	50	56	62	11,7	12,1	245	193	2,6	116471
RS 150	104196	230V ~	50			16,8	17,7	270	191	2,9	116471
RS 150L	104198	230V ~	50	56	70	21,9	22,8	344	229	4,0	116471
RS 160	104200	230V ~	50	52	60	15,9	16,4	270	205	3,0	116471
RS 160L	104202	230V ~	50	57	71	22,0	23,3	344	229	4,2	116471
RS 200	104209	230V ~	50		71	27,9	28,9	344	227	4,2	116471
RS 200L	104220	230V ~	50			24,0	25,0	344	234	5,1	116471
RS 250	104213	230V ~	50	58	71	30,3	30,9	344	235	4,3	116471
RS 250L	104222	230V ~	50	58	71	28,3	29,0	344	235	5,0	116471
RS 315	104205	230V ~	50	61	70	33,0	33,3	402	253	5,6	116471
RS 315L	104207	230V ~	50	59	69	26,9	27,5	402	253	6,1	116471

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br





	100 mm	EUR	125 mm	EUR	150 mm	EUR	160 mm	EUR
MRM.	**RS 100** ID 104169 230V ~/50Hz 80 °C 200 m³/h 54 W 0,3 A	**106,-**	**RS 125** ID 104192 230V ~/50Hz 80 °C 300 m³/h 55 W 0,3 A 62/62/55 db(A)	**106,-**	**RS 150** ID 104196 230V ~/50Hz 60 °C 470 m³/h 67 W 0,3 A	**118,-**	**RS 160** ID 104200 230V ~/50Hz 50 °C 450 m³/h 69 W 0,3 A 60/61/52 db(A)	**118,-**
	MTY 1 ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRS 1** ID 110094 **7,-**		**MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRS 1** ID 110094 **7,-**		**MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRS 1** ID 110094 **7,-**		**MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRS 1** ID 110094 **7,-**	
MRM.	**RS 100L** ID 104189 230V ~/50Hz 60 °C 250 m³/h 68 W 0,3 A	**106,-**	**RS 125L** ID 104194 230V ~/50Hz 65 °C 340 m³/h 67 W 0,3 A 62/61/56 db(A)	**106,-**	**RS 150L** ID 104198 230V ~/50Hz 65 °C 630 m³/h 93 W 0,4 A 70/69/56 db(A)	**144,-**	**RS 160L** ID 104202 230V ~/50Hz 65 °C 690 m³/h 94 W 0,4 A 71/70/57 db(A)	**144,-**
	MTY 1 ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRS 1** ID 110094 **7,-**		**MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRS 1** ID 110094 **7,-**		**MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRS 2** ID 110095 **10,-**		**MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRS 2** ID 110095 **10,-**	
MYSS.	**TEE 015** ID 115893	**143,-**	**TEE 015** ID 115893	**143,-**	**TEE 015** ID 115893	**143,-**	**TEE 015** ID 115893	**143,-**
MYSO.	**TES 0145** ID 111858	**48,-**	**TES 0145** ID 111858	**48,-**	**TES 0145** ID 111858	**48,-**	**TES 0145** ID 111858	**48,-**
MYSR.	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**
MYMRV.	**VM 100** ID 102643	**12,-**	**VM 125** ID 102647	**12,-**	**VM 150** ID 102648	**13,-**	**VM 160** ID 102649	**14,-**
MYMRR.	**RSK 100** ID 102658	**16,-**	**RSK 125** ID 102179	**16,-**	**RSK 150** ID 102660	**18,-**	**RSK 160** ID 102661	**18,-**
MYMRR.	**RSK 100D** ID 116061	**18,-**	**RSK 125D** ID 113483	**18,-**	**RSK 150D** ID 113484	**20,-**	**RSK 160D** ID 113485	**20,-**
MYMRS.	**SG 100 01** ID 102894	**8,-**	**SG 125 01** ID 102895	**8,-**	**SG 150 01** ID 102896	**10,-**	**SG 160 01** ID 102897	**10,-**
MYMRDS.	**SDS 100** ID 102709	**56,-**	**SDS 125** ID 102712	**61,-**	**SDS 150** ID 102714	**68,-**	**SDS 160** ID 102717	**74,-**
MYMRDF.	**SDF 100** ID 102699	**58,-**	**SDF 125** ID 102700	**66,-**	**SDF 150** ID 102702	**75,-**	**SDF 160** ID 102703	**76,-**
MYMRHL.	**FV 100** ID 112678	**35,-**	**FV 125** ID 112679	**35,-**	**FV 150** ID 112680	**35,-**	**FV 160** ID 112831	**35,-**
MYMRHO.	**FT 100** ID 112844	**80,-**	**FT 125** ID 112843	**80,-**	**FT 150** ID 112842	**80,-**	**FT 160** ID 112841	**80,-**
MYMRHH.	**FTW 100** ID 112849	**365,-**	**FTW 125** ID 112850	**365,-**	**FTW 150** ID 112851	**365,-**	**FTW 160** ID 112852	**365,-**

Specific Accessories
For details see page: 134

MTY . . .
Electronic Controller

ETY . . .
Electronic Controller

MRS . . .
Mounting Bracket

5-Step Transformer
Without motor protection

7-Step Transformer
Without motor protection

Isolator Switch

Fast Clamps
1 Set = 2 pcs.

Back Draught Shutter

Back Draught Shutter
With seal

Protection Grille

Duct Silencer
Rigid, 1 m

Duct Silencer
Flexibel, 1 m

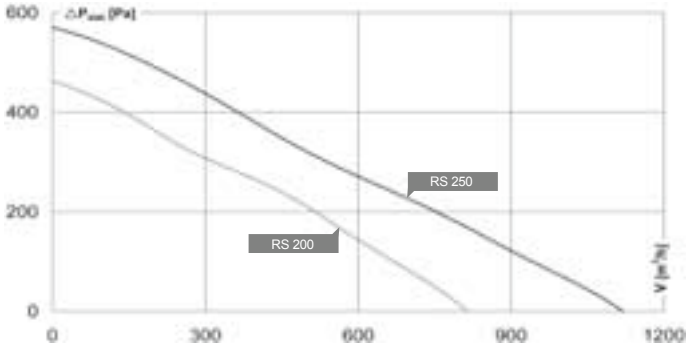
Filter Box with Mat Filter G3

Filter Box for Bag Filter
Without filter

Filter Box with Filter F5 and Heating Coil

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

RS Metal In Line Tube Fan



Specific Accessories
For details see page: 134


MTY . . .
Electronic Controller


ETY . . .
Electronic Controller


MRS . . .
Mounting Bracket

200 mm	EUR	250 mm	EUR	315 mm	EUR			
RS 200 ID 104209 230V ~/50Hz 70 °C 810 m³/h 100 W 0,5 A 71/70/- db(A) **MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRS 2** ID 110095 **10,-**	**146,-**	**RS 250** ID 104213 230V ~/50Hz 60 °C 890 m³/h 100 W 0,5 A 71/74/58 db(A) **MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRS 2** ID 110095 **10,-**	**148,-**	**RS 315** ID 104205 230V ~/50Hz 50 °C 1310 m³/h 193 W 0,9 A 70/72/61 db(A) **MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRS 2** ID 110095 **10,-**	**209,-**			MRM.
RS 200L ID 104220 230V ~/50Hz 60 °C 1120 m³/h 190 W 0,9 A **MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRS 2** ID 110095 **10,-**	**196,-**	**RS 250L** ID 104222 230V ~/50Hz 55 °C 1190 m³/h 190 W 0,9 A 71/74/58 db(A) **MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRS 2** ID 110095 **10,-**	**196,-**	**RS 315L** ID 104207 230V ~/50Hz 60 °C 1720 m³/h 284 W 1,3 A 69/73/59 db(A) **MTY 2** ID 103424 **92,-** **ETY 15** ID 115891 **67,-** **MRS 2** ID 110095 **10,-**	**256,-**			MRM.


5-Step Transformer
Without motor protection

TEE 015 ID 115893	**143,-**	**TEE 015** ID 115893	**143,-**	**TEE 015** ID 115893	**143,-**			MYSS.


7-Step Transformer
Without motor protection

TES 0145 ID 111858	**48,-**	**TES 0145** ID 111858	**48,-**	**TES 0145** ID 111858	**48,-**			MYSO.


Isolator Switch

GS 01 ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**			MYSR.


Fast Clamps
1 Set = 2 pcs.

VM 200 ID 102650	**16,-**	**VM 250** ID 102651	**19,-**	**VM 315** ID 102652	**21,-**			MYMRV.


Back Draught Shutter

RSK 200 ID 102662	**21,-**	**RSK 250** ID 102686	**29,-**	**RSK 315** ID 102664	**36,-**			MYMRR.


Back Draught Shutter
With seal

RSK 200D ID 113487	**23,-**	**RSK 250D** ID 113488	**31,-**	**RSK 315D** ID 113489	**38,-**			MYMRR.


Protection Grille

SG 200 01 ID 102898	**12,-**	**SG 250 01** ID 102899	**16,-**	**SG 315 01** ID 102900	**20,-**			MYMRS.


Duct Silencer
Rigid, 1 m

SDS 200 ID 102719	**88,-**	**SDS 250** ID 102721	**106,-**	**SDS 315** ID 102723	**124,-**			MYMRDS.


Duct Silencer
Flexibel, 1 m

SDF 200 ID 102704	**93,-**	**SDF 250** ID 102705	**110,-**	**SDF 315** ID 102706	**130,-**			MYMRDF.


Filter Box with Mat Filter G3

FV 200 ID 112832	**49,-**	**FV 250** ID 112833	**49,-**	**FV 315** ID 112834	**78,-**			MYMRHL.


Filter Box for Bag Filter
Without filter

FT 200 ID 112840	**80,-**	**FT 250** ID 112845	**80,-**	**FT 315** ID 112846	**118,-**			MYMRHO.


Filter Box with Filter F5 and Heating Coil

FTW 200 ID 112853	**365,-**	**FTW 250** ID 112854	**398,-**	**FTW 315** ID 112855	**598,-**			MYMRHH.

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

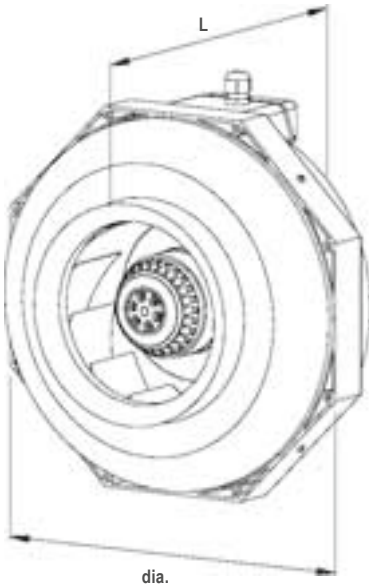
The universal plastic fan
RK plastic tube fans is manufactured in large quantities and is thus extremely inexpensive. It is versatile and can be utilized to aerate and deaerate.

External rotor motor with a millionfold proven reliability
The external rotor motor used have for decades proven their reliability in rough everyday operation a millionfold.

- Backward curved centrifugal fan
- Voltage controllable
- Integrated thermal contact
- Maintenance-free, long-life ball bearings
- Plastic housing PA6, RAL 7035

Mounting Bracket
The assembly console can be mounted in eight different positions.

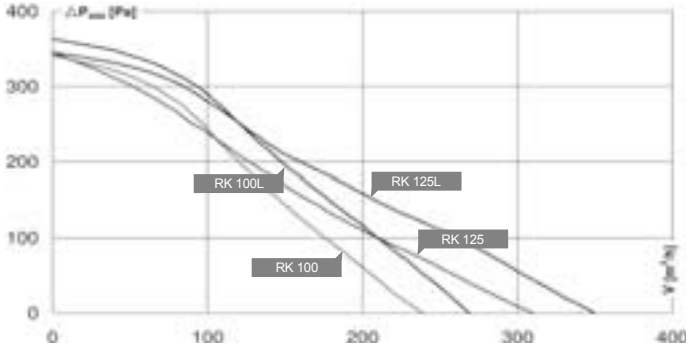
Wide range of accessories
A wide range of accessories offers flexibility for professional solutions to various ventilating tasks.

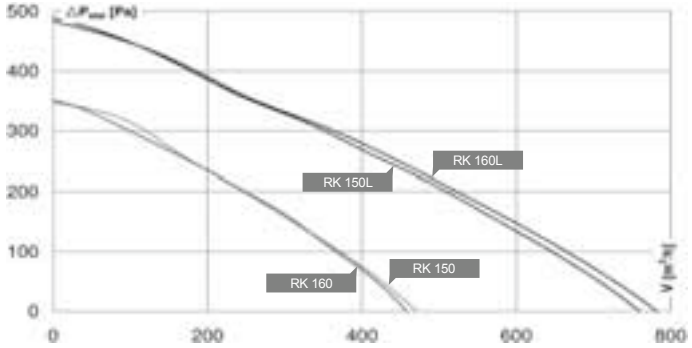


Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	dia.	L	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[kg]	
RK 100	104495	230V ~	50	52	62	11,8	12,6	245	220	2,3	116403
RK 100L	104506	230V ~	50	53	65	11,9	12,7	245	220	2,3	116403
RK 125	104507	230V ~	50	49	62	13,0	13,4	245	220	2,2	116403
RK 125L	104508	230V ~	50	51	65	13,2	13,9	245	220	2,3	116403
RK 150	104509	230V ~	50	54	65	18,9	19,9	340	230	2,9	116403
RK 150L	104510	230V ~	50	55	68	27,8	30,6	340	230	3,2	116471
RK 160	104512	230V ~	50	53	67	18,6	19,5	340	230	2,8	116471
RK 160L	104513	230V ~	50	62	68	28,6	30,8	340	230	3,2	116471
RK 200	104514	230V ~	50	55	69	29,4	30,6	340	230	3,2	116471
RK 200L	104515	230V ~	50	62	74	26,6	27,6	340	230	4,2	116471
RK 250	104516	230V ~	50	55	70	30,2	30,7	340	230	3,1	116471
RK 250L	104517	230V ~	50	57	70	28,2	28,5	340	230	4,1	116471

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

RK Plastic In Line Tube Fan





Specific Accessories
For details see page: 134

MTY . . .
Electronic Controller

ETY . . .
Electronic Controller

MRK . . .
Mounting Bracket

100 mm	EUR	125 mm	EUR	150 mm	EUR	160 mm	EUR	
RK 100 ID 104495 230V ~/50Hz 70 °C 240 m³/h 55 W 0,3 A 62/60/52 db(A) **MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRK 1** ID 109888 **7,-**	**103,-**	**RK 125** ID 104507 230V ~/50Hz 70 °C 310 m³/h 60 W 0,3 A 62/61/49 db(A) **MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRK 1** ID 109888 **7,-**	**103,-**	**RK 150** ID 104509 230V ~/50Hz 50 °C 470 m³/h 70 W 0,3 A 65/61/54 db(A) **MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRK 2** ID 109889 **10,-**	**118,-**	**RK 160** ID 104512 230V ~/50Hz 40 °C 460 m³/h 70 W 0,3 A 67/64/53 db(A) **MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRK 2** ID 109889 **10,-**	**118,-**	MRK.
RK 100L ID 104506 230V ~/50Hz 55 °C 270 m³/h 70 W 0,3 A 65/65/53 db(A) **MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRK 1** ID 109888 **7,-**	**103,-**	**RK 125L** ID 104508 230V ~/50Hz 55 °C 350 m³/h 70 W 0,3 A 65/64/51 db(A) **MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRK 1** ID 109888 **7,-**	**103,-**	**RK 150L** ID 104510 230V ~/50Hz 55 °C 760 m³/h 105 W 0,5 A 68/67/55 db(A) **MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRK 2** ID 109889 **10,-**	**132,-**	**RK 160L** ID 104513 230V ~/50Hz 50 °C 780 m³/h 103 W 0,5 A 68/66/62 db(A) **MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRK 2** ID 109889 **10,-**	**132,-**	MRK.

5-Step Transformer
Without motor protection

TEE 015 ID 115893	**143,-**	**TEE 015** ID 115893	**143,-**	**TEE 015** ID 115893	**143,-**	**TEE 015** ID 115893	**143,-**	MYSS.

7-Step Transformer
Without motor protection

TES 0145 ID 111858	**48,-**	**TES 0145** ID 111858	**48,-**	**TES 0145** ID 111858	**48,-**	**TES 0145** ID 111858	**48,-**	MYSO.

Isolator Switch

GS 01 ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	MYSR.

Fast Clamps
1 Set = 2 pcs.

VM 100 ID 102643	**12,-**	**VM 125** ID 102647	**12,-**	**VM 150** ID 102648	**13,-**	**VM 160** ID 102649	**14,-**	MYMRV.

Back Draught Shutter

RSK 100 ID 102658	**16,-**	**RSK 125** ID 102179	**16,-**	**RSK 150** ID 102660	**18,-**	**RSK 160** ID 102661	**18,-**	MYMRR.

Back Draught Shutter
With seal

RSK 100D ID 116061	**18,-**	**RSK 125D** ID 113483	**18,-**	**RSK 150D** ID 113484	**20,-**	**RSK 160D** ID 113485	**20,-**	MYMRR.

Protection Grille

SG 100 01 ID 102894	**8,-**	**SG 125 01** ID 102895	**8,-**	**SG 150 01** ID 102896	**10,-**	**SG 160 01** ID 102897	**10,-**	MYMRS.

Duct Silencer
Rigid, 1 m

SDS 100 ID 102709	**56,-**	**SDS 125** ID 102712	**61,-**	**SDS 150** ID 102714	**68,-**	**SDS 160** ID 102717	**74,-**	MYMRDS.

Duct Silencer
Flexibel, 1 m

SDF 100 ID 102699	**58,-**	**SDF 125** ID 102700	**66,-**	**SDF 150** ID 102702	**75,-**	**SDF 160** ID 102703	**76,-**	MYMRDF.

Filter Box with Mat Filter G3

FV 100 ID 112678	**35,-**	**FV 125** ID 112679	**35,-**	**FV 150** ID 112680	**35,-**	**FV 160** ID 112831	**35,-**	MYMRHL.

Filter Box for Bag Filter
Without filter

FT 100 ID 112844	**80,-**	**FT 125** ID 112843	**80,-**	**FT 150** ID 112842	**80,-**	**FT 160** ID 112841	**80,-**	MYMRHO.

Filter Box with Filter F5 and Heating Coil

FTW 100 ID 112849	**365,-**	**FTW 125** ID 112850	**365,-**	**FTW 150** ID 112851	**365,-**	**FTW 160** ID 112852	**365,-**	MYMRHH.

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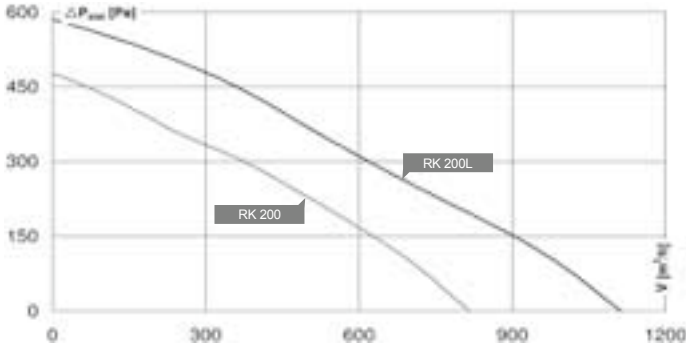

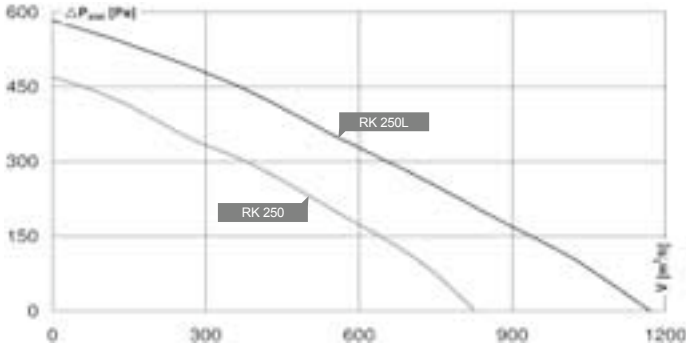

	200 mm	EUR	250 mm	EUR
MRK.	**RK 200** ID 104514 230V ~/50Hz 50 °C 820 m³/h 100 W 0,5 A 69/67/55 db(A) **MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRK 2** ID 109889 **10,-**	**135,-**	**RK 250** ID 104516 230V ~/50Hz 50 °C 830 m³/h 100 W 0,5 A 70/71/55 db(A) **MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRK 2** ID 109889 **10,-**	**135,-**
MRK.	**RK 200L** ID 104515 230V ~/50Hz 50 °C 1110 m³/h 195 W 0,9 A 74/76/62 db(A) **MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRK 2** ID 109889 **10,-**	**178,-**	**RK 250L** ID 104517 230V ~/50Hz 50 °C 1170 m³/h 195 W 0,9 A 70/71/57 db(A) **MTY 1** ID 103428 **79,-** **ETY 15** ID 115891 **67,-** **MRK 2** ID 109889 **10,-**	**179,-**
MYSS.	**TEE 015** ID 115893	**143,-**	**TEE 015** ID 115893	**143,-**
MYSO.	**TES 0145** ID 111858	**48,-**	**TES 0145** ID 111858	**48,-**
MYSR.	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**
MYMRV.	**VM 200** ID 102650	**16,-**	**VM 250** ID 102651	**19,-**
MYMRR.	**RSK 200** ID 102662	**21,-**	**RSK 250** ID 102686	**29,-**
MYMRR.	**RSK 200D** ID 113487	**23,-**	**RSK 250D** ID 113488	**31,-**
MYMRS.	**SG 200 01** ID 102898	**12,-**	**SG 250 01** ID 102899	**16,-**
MYMRDS.	**SDS 200** ID 102719	**88,-**	**SDS 250** ID 102721	**106,-**
MYMRDF.	**SDF 200** ID 102704	**93,-**	**SDF 250** ID 102705	**110,-**
MYMRHL.	**FV 200** ID 112832	**49,-**	**FV 250** ID 112833	**49,-**
MYMRHO.	**FT 200** ID 112840	**80,-**	**FT 250** ID 112845	**80,-**
MYMRHH.	**FTW 200** ID 112853	**365,-**	**FTW 250** ID 112854	**398,-**

Specific Accessories
For details see page: 134

MTY . . .
Electronic Controller

ETY . . .
Electronic Controller

MRK . . .
Mounting Bracket

5-Step Transformer
Without motor protection

7-Step Transformer
Without motor protection

Isolator Switch

Fast Clamps
1 Set = 2 pcs.

Back Draught Shutter

Back Draught Shutter
With seal

Protection Grille

Duct Silencer
Rigid, 1 m

Duct Silencer
Flexibel, 1 m

Filter Box with Mat Filter G3

Filter Box for Bag Filter
Without filter

Filter Box with Filter F5 and Heating Coil

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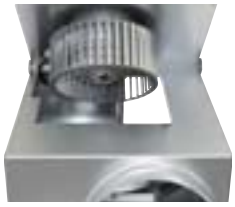
Low installation height
The mounting height of the MINI is only slightly larger than the duct diameter. This fan series is often used for low height spaces or ceiling void installation.

Swing out motor assembly
The motor and wheel section can be tilted out for cleaning.

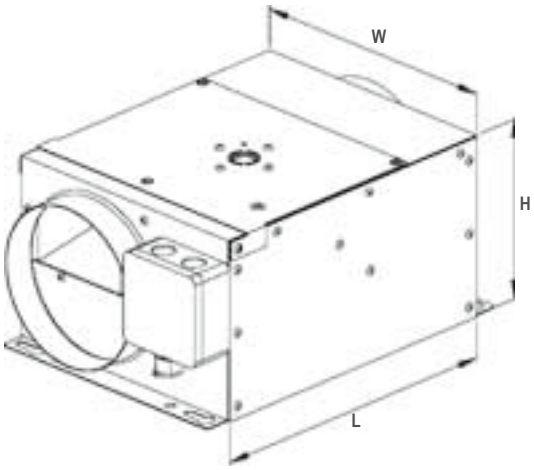
- Forward curved centrifugal fan (MINI 100…160)
- Backward curved centrifugal fan (MINI 200…315)
- Voltage controllable
- Integrated thermal contact
- Maintenance-free, long-life ball bearings
- Galvanized sheet steel housing

Mounting bracket
The integrated mounting bracket saves mounting material and time.

Connection spigot
An elegant connection spigot is drawn through in the casing wall.



Swing out motor assembly
For maintenance work the fan can be tilted out.



Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	L	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[mm]	[kg]	
MINI 100	105462	230V ~	50	48	61	13,3	14,1	300	248	171	5,3	116471
MINI 125	105464	230V ~	50	54	65	12,8	13,3	300	248	171	5,3	116471
MINI 150	105466	230V ~	50		66	15,7	16,0	300	248	171	5,3	116471
MINI 160	111523	230V ~	50	51	68	16,1	16,3	300	258	181	5,5	116471
MINI 200	105468	230V ~	50	56	69	28,0	28,8	400	352	231	8,8	116471
MINI 250	105470	230V ~	50	63	72	27,6	28,2	400	352	281	10,5	116471
MINI 315	105472	230V ~	50	62	73	25,8	26,2	400	400	347	12,9	116471

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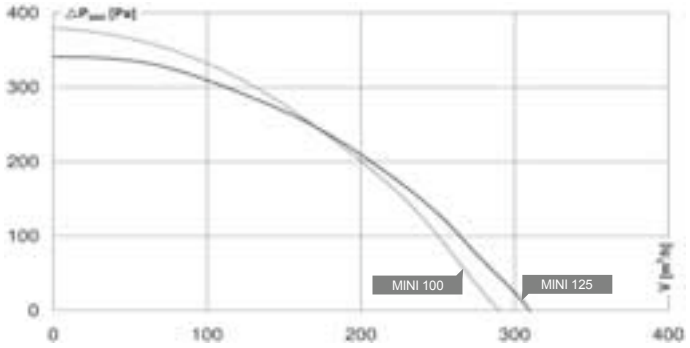

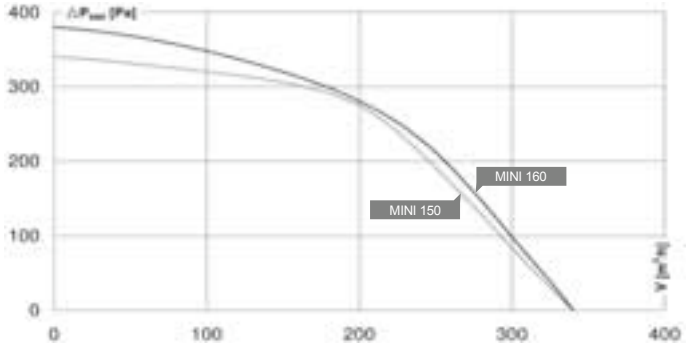

	100 mm	EUR	125 mm	EUR	150 mm	EUR	160 mm	EUR
MRU.	**MINI 100** ID 105462 230V ~/50Hz 60 °C 290 m³/h 104 W 0,5 A 61/65/48 db(A)	190,-	**MINI 125** ID 105464 230V ~/50Hz 50 °C 310 m³/h 95 W 0,5 A 65/69/54 db(A)	190,-	**MINI 150** ID 105466 230V ~/50Hz 50 °C 340 m³/h 113 W 0,5 A 66/68/- db(A)	190,-	**MINI 160** ID 111523 230V ~/50Hz 50 °C 340 m³/h 112 W 0,5 A 68/69/51 db(A)	198,-
MYSE.	**MTY 1** ID 103428	79,-	**MTY 1** ID 103428	79,-	**MTY 1** ID 103428	79,-	**MTY 1** ID 103428	79,-
MYSS.	**TEE 015** ID 115893	143,-	**TEE 015** ID 115893	143,-	**TEE 015** ID 115893	143,-	**TEE 015** ID 115893	143,-
MYSO.	**TES 0145** ID 111858	48,-	**TES 0145** ID 111858	48,-	**TES 0145** ID 111858	48,-	**TES 0145** ID 111858	48,-
MYSR.	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-
MYMRV.	**VM 100** ID 102643	12,-	**VM 125** ID 102647	12,-	**VM 150** ID 102648	13,-	**VM 160** ID 102649	14,-
MYMRR.	**RSK 100** ID 102658	16,-	**RSK 125** ID 102179	16,-	**RSK 150** ID 102660	18,-	**RSK 160** ID 102661	18,-
MYMRR.	**RSK 100D** ID 116061	18,-	**RSK 125D** ID 113483	18,-	**RSK 150D** ID 113484	20,-	**RSK 160D** ID 113485	20,-
MYMRS.	**SG 100 01** ID 102894	8,-	**SG 125 01** ID 102895	8,-	**SG 150 01** ID 102896	10,-	**SG 160 01** ID 102897	10,-
MYMRDS.	**SDS 100** ID 102709	56,-	**SDS 125** ID 102712	61,-	**SDS 150** ID 102714	68,-	**SDS 160** ID 102717	74,-
MYMRDF.	**SDF 100** ID 102699	58,-	**SDF 125** ID 102700	66,-	**SDF 150** ID 102702	75,-	**SDF 160** ID 102703	76,-
MYMRHL.	**FV 100** ID 112678	35,-	**FV 125** ID 112679	35,-	**FV 150** ID 112680	35,-	**FV 160** ID 112831	35,-
MYMRHO.	**FT 100** ID 112844	80,-	**FT 125** ID 112843	80,-	**FT 150** ID 112842	80,-	**FT 160** ID 112841	80,-
MYMRHH.	**FTW 100** ID 112849	365,-	**FTW 125** ID 112850	365,-	**FTW 150** ID 112851	365,-	**FTW 160** ID 112852	365,-

Specific Accessories
For details see page: 134


Electronic Controller


5-Step Transformer
Without motor protection


7-Step Transformer
Without motor protection


Isolator Switch


Fast Clamps
1 Set = 2 pcs.


Back Draught Shutter


Back Draught Shutter
With seal


Protection Grille


Duct Silencer
Rigid, 1 m


Duct Silencer
Flexibel, 1 m


Filter Box with Mat Filter G3


Filter Box for Bag Filter
Without filter


Filter Box with Filter F5 and Heating Coil

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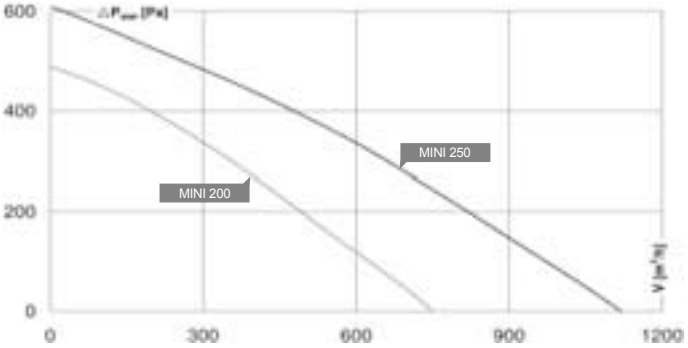
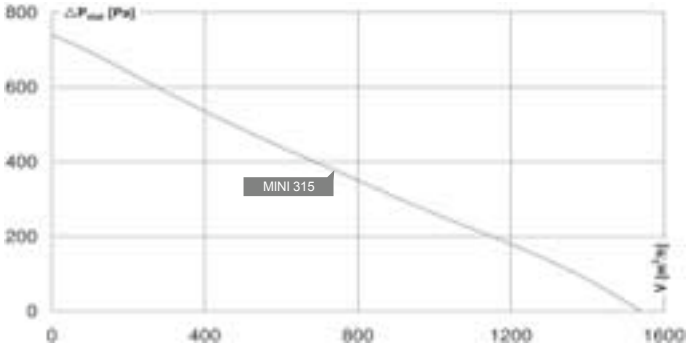
MINI **Compact Fan Box,** swing out design





Specific Accessories
For details see page: 134

200 mm	EUR	250 mm	EUR	315 mm	EUR			
MINI 200 ID 105468 230V ~/50Hz 65 °C 750 m³/h 102 W 0,5 A 69/73/56 db(A)	232,-	**MINI 250** ID 105470 230V ~/50Hz 60 °C 1120 m³/h 203 W 0,9 A 72/76/58 db(A)	284,-	**MINI 315** ID 105472 230V ~/50Hz 55 °C 1540 m³/h 285 W 1,3 A 73/78/62 db(A)	333,-			MRU.

Electronic Controller

MTY 1 ID 103428	79,-	**MTY 1** ID 103428	79,-	**MTY 2** ID 103424	92,-			MYSE.

5-Step Transformer
Without motor protection

TEE 015 ID 115893	143,-	**TEE 015** ID 115893	143,-	**TEE 015** ID 115893	143,-			MYSS.

7-Step Transformer
Without motor protection

TES 0145 ID 111858	48,-	**TES 0145** ID 111858	48,-	**TES 0145** ID 111858	48,-			MYSO.

Isolator Switch

GS 01 ID 102787	60,-	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-			MYSR.

Fast Clamps
1 Set = 2 pcs.

VM 200 ID 102650	16,-	**VM 250** ID 102651	19,-	**VM 315** ID 102652	21,-			MYMRV.

Back Draught Shutter

RSK 200 ID 102662	21,-	**RSK 250** ID 102686	29,-	**RSK 315** ID 102664	36,-			MYMRR.

Back Draught Shutter
With seal

RSK 200D ID 113487	23,-	**RSK 250D** ID 113488	31,-	**RSK 315D** ID 113489	38,-			MYMRR.

Protection Grille

SG 200 01 ID 102898	12,-	**SG 250 01** ID 102899	16,-	**SG 315 01** ID 102900	20,-			MYMRS.

Duct Silencer
Rigid, 1 m

SDS 200 ID 102719	88,-	**SDS 250** ID 102721	106,-	**SDS 315** ID 102723	124,-			MYMRDS.

Duct Silencer
Flexibel, 1 m

SDF 200 ID 102704	93,-	**SDF 250** ID 102705	110,-	**SDF 315** ID 102706	130,-			MYMRDF.

Filter Box with Mat Filter G3

FV 200 ID 112832	49,-	**FV 250** ID 112833	49,-	**FV 315** ID 112834	78,-			MYMRHL.

Filter Box for Bag Filter
Without filter

FT 200 ID 112840	80,-	**FT 250** ID 112845	80,-	**FT 315** ID 112846	118,-			MYMRHO.

Filter Box with Filter F5 and Heating Coil

FTW 200 ID 112853	365,-	**FTW 250** ID 112854	398,-	**FTW 315** ID 112855	598,-			MYMRHH.

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Inexpensive acoustic insulated fan box
Although this series is fitted with only about 90 % sound absorbing material, we attain almost the same noise data as a fully insulated box.

High quality mineral insulation material
The rock wool insulating material used has a high spatial density of 88 kg/m³, which also absorb lower frequencies much better. The glass fiber sealed surface prevents until 36 m/s flow velocity the escape of fibers. The insulation fulfills fire classification A2.

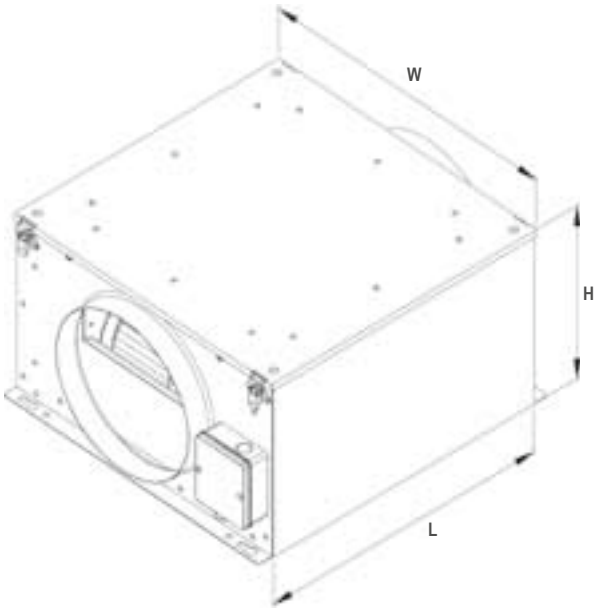
Compact and quiet
The forward curved fan impellers have a high power density and low and subjective pleasant broadband noise.

- Forward curved centrifugal fan
- Voltage controllable
- Integrated thermal contact
- Maintenance-free, long-life ball bearings
- Galvanized sheet steel housing

Mounting bracket
The integrated mounting bracket saves mounting material and time.

Connection spigot
An elegant connection spigot is drawn through in the casing wall.

Housing with quick release fastner
The quick release fastner allows for easy access to the fan.



Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	L	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[mm]	[kg]	
ISOTX 125 E2 11	114879	230V ~	50	49	52	16,9	17,9	384	383	232	10,1	116985
ISOTX 150 E2 11	114880	230V ~	50	47	52	16,6	17,0	384	383	232	10,3	116985
ISOTX 160 E2 11	114871	230V ~	50	48	55	17,4	17,8	384	383	232	10,1	116985
ISOTX 200 E2 10	114856	230V ~	50	53	60	22,0	22,0	384	383	286	11,2	116985
ISOTX 250 E2 10	114853	230V ~	50	58	63	25,9	26,6	466	482	287	15,0	116985
ISOTX 315 E2 10	114864	230V ~	50	56	63	29,0	31,0	516	542	387	22,5	123075
ISOTX 355 E4 11	114869	230V ~	50	59	63	31,0	33,0	656	682	492	43,2	116984
ISOTX 400 E4 11	114870	230V ~	50	57	62	31,0	33,0	656	682	491	43,0	116984

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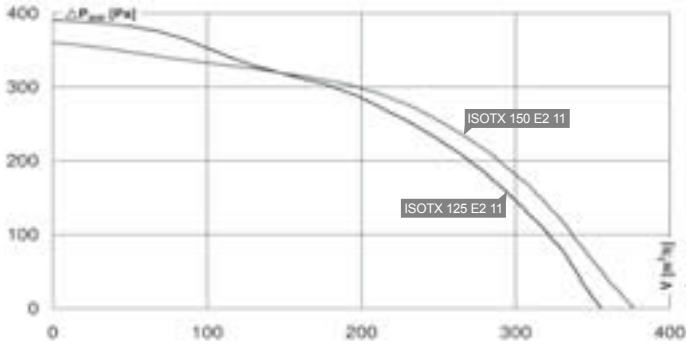
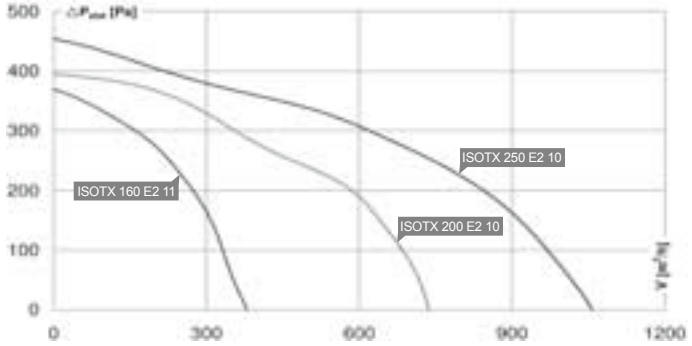
ISOTX **Partially Insulated Fan Box,** forward curved impeller



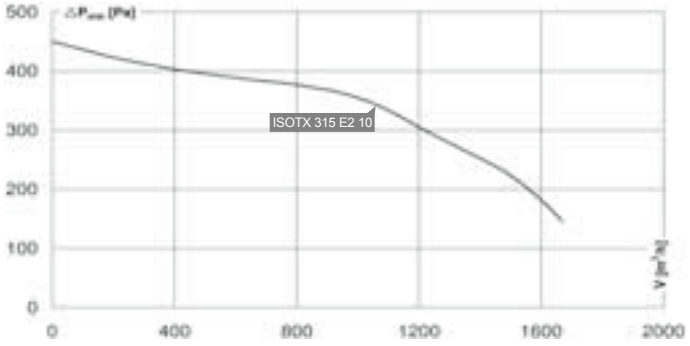


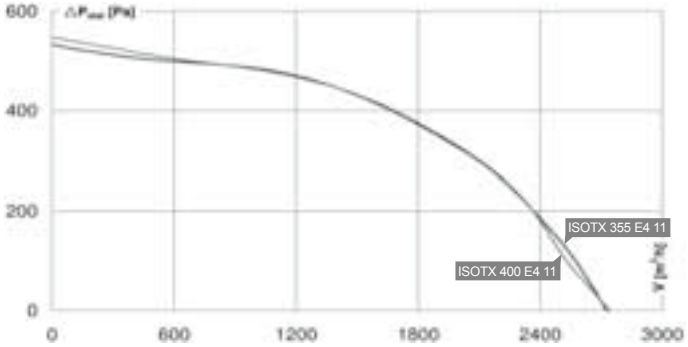
Specific Accessories
For details see page: 134

125 mm	EUR	150 mm	EUR	160 mm	EUR	200 mm	EUR	250 mm	EUR	
ISOTX 125 E2 11 ID 114879 230V ~/50Hz 55 °C 360 m³/h 108 W 0,5 A 52/67/49 db(A)	296,-	**ISOTX 150 E2 11** ID 114880 230V ~/50Hz 50 °C 370 m³/h 100 W 0,5 A 52/68/47 db(A)	298,-	**ISOTX 160 E2 11** ID 114871 230V ~/50Hz 55 °C 380 m³/h 102 W 0,5 A 55/68/48 db(A)	298,-	**ISOTX 200 E2 10** ID 114856 230V ~/50Hz 65 °C 735 m³/h 180 W 0,8 A 60/71/53 db(A)	328,-	**ISOTX 250 E2 10** ID 114853 230V ~/50Hz 60 °C 1060 m³/h 281 W 1,3 A 63/74/58 db(A)	424,-	MRITX.

Electronic Controller	**MTY 1** ID 103428	79,-	**MTY 1** ID 103428	79,-	**MTY 1** ID 103428	79,-	**MTY 1** ID 103428	79,-	**MTY 2** ID 103424	92,-	MYSE.
5-Step Transformer Without motor protection	**TEE 015** ID 115893	143,-	**TEE 015** ID 115893	143,-	**TEE 015** ID 115893	143,-	**TEE 015** ID 115893	143,-	**TEE 015** ID 115893	143,-	MYSS.
7-Step Transformer Without motor protection	**TES 0145** ID 111858	48,-	**TES 0145** ID 111858	48,-	**TES 0145** ID 111858	48,-	**TES 0145** ID 111858	48,-	**TES 0145** ID 111858	48,-	MYSO.
Isolator Switch	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-	MYSR.
Fast Clamps 1 Set = 2 pcs.	**VM 125** ID 102647	12,-	**VM 150** ID 102648	13,-	**VM 160** ID 102649	14,-	**VM 200** ID 102650	16,-	**VM 250** ID 102651	19,-	MYMRV.
Back Draught Shutter	**RSK 125** ID 102179	16,-	**RSK 150** ID 102660	18,-	**RSK 160** ID 102661	18,-	**RSK 200** ID 102662	21,-	**RSK 250** ID 102686	29,-	MYMRR.
Back Draught Shutter With seal	**RSK 125D** ID 113483	18,-	**RSK 150D** ID 113484	20,-	**RSK 160D** ID 113485	20,-	**RSK 200D** ID 113487	23,-	**RSK 250D** ID 113488	31,-	MYMRR.
Protection Grille	**SG 125 01** ID 102895	8,-	**SG 150 01** ID 102896	10,-	**SG 160 01** ID 102897	10,-	**SG 200 01** ID 102898	12,-	**SG 250 01** ID 102899	16,-	MYMRS.
Duct Silencer Rigid, 1 m	**SDS 125** ID 102712	61,-	**SDS 150** ID 102714	68,-	**SDS 160** ID 102717	74,-	**SDS 200** ID 102719	88,-	**SDS 250** ID 102721	106,-	MYMRDS.
Duct Silencer Flexibel, 1 m	**SDF 125** ID 102700	66,-	**SDF 150** ID 102702	75,-	**SDF 160** ID 102703	76,-	**SDF 200** ID 102704	93,-	**SDF 250** ID 102705	110,-	MYMRDF.
Filter Box with Mat Filter G3	**FV 125** ID 112679	35,-	**FV 150** ID 112680	35,-	**FV 160** ID 112831	35,-	**FV 200** ID 112832	49,-	**FV 250** ID 112833	49,-	MYMRHL.
Filter Box for Bag Filter Without filter	**FT 125** ID 112843	80,-	**FT 150** ID 112842	80,-	**FT 160** ID 112841	80,-	**FT 200** ID 112840	80,-	**FT 250** ID 112845	80,-	MYMRHO.
Filter Box with Filter F5 and Heating Coil	**FTW 125** ID 112850	365,-	**FTW 150** ID 112851	365,-	**FTW 160** ID 112852	365,-	**FTW 200** ID 112853	365,-	**FTW 250** ID 112854	398,-	MYMRHH.

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br





	315 mm	EUR	355 mm	EUR	400 mm	EUR
MRTX.	**ISOTX 315 E2 10** ID 114864 230V ~/50Hz 50 °C 1660 m³/h 470 W 2,6 A 63/76/56 db(A)	606,-	**ISOTX 355 E4 11** ID 114869 230V ~/50Hz 50 °C 2730 m³/h 940 W 4,5 A 63/76/59 db(A)	1056,-	**ISOTX 400 E4 11** ID 114870 230V ~/50Hz 45 °C 2740 m³/h 950 W 4,6 A 62/76/57 db(A)	1067,-
MYSM.	**TEM 035** ID 103502	210,-	**TEM 050** ID 103519	225,-	**TEM 050** ID 103519	225,-
MYSO.	**TES 035** ID 103954	80,-	**TES 050** ID 103955	98,-	**TES 050** ID 103955	98,-
MYSR.	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-
MYMRV.	**VM 315** ID 102652	21,-	**VM 355** ID 102653	24,-	**VM 400** ID 102654	25,-
MYMRR.	**RSK 315** ID 102664	36,-	**RSK 355** ID 102665	74,-	**RSK 400** ID 102691	84,-
MYMRR.	**RSK 315D** ID 113489	38,-	**RSK 355D** ID 113491	76,-	**RSK 400D** ID 113490	86,-
MYMRS.	**SG 315 01** ID 102900	20,-				
MYMRDS.	**SDS 315** ID 102723	124,-	**SDS 355** ID 102725	176,-	**SDS 400** ID 102727	206,-
MYMRDF.	**SDF 315** ID 102706	130,-	**SDF 355** ID 102707	144,-	**SDF 400** ID 102708	157,-
MYMRHL.	**FV 315** ID 112834	78,-	**FV 355** ID 112835	78,-	**FV 400** ID 112836	78,-
MYMRHO.	**FT 315** ID 112846	118,-	**FT 355** ID 112847	118,-	**FT 400** ID 112848	118,-
MYMRHH.	**FTW 315** ID 112855	598,-	**FTW 355** ID 112856	598,-	**FTW 400** ID 112857	598,-

Specific Accessories
For details see page: 134

5-Step Transformer
With motor protection

7-Step Transformer
Without motor protection

Isolator Switch

Fast Clamps
1 Set = 2 pcs.

Back Draught Shutter

Back Draught Shutter
With seal

Protection Grille

Duct Silencer
Rigid, 1 m

Duct Silencer
Flexibel, 1 m

Filter Box with Mat Filter G3

Filter Box for Bag Filter
Without filter

Filter Box with Filter F5 and Heating Coil

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

Fully insulated fan box
This series is supplied with high-quality, noise absorbing mineral insulation material on all sides and thus provides maximum noise reduction.

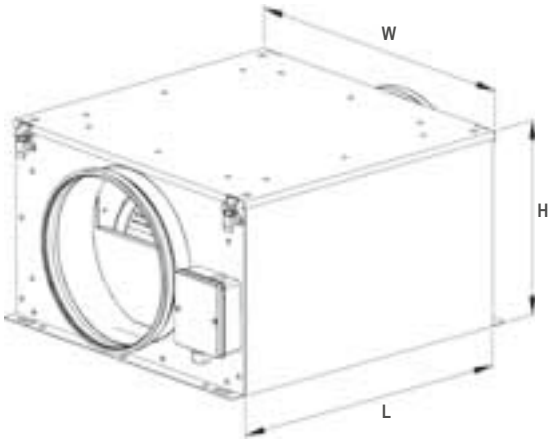
High quality mineral insulation material
The rock wool insulating material used has a high spatial density of 88 kg/m³, which also absorb lower frequencies much better. The glass fiber sealed surface prevents until 36 m/s flow velocity the escape of fibers. The insulation fulfills fire classification A2.

Compact and quiet
The forward curved fan impellers have a high power density and low and subjective pleasant broadband noise.

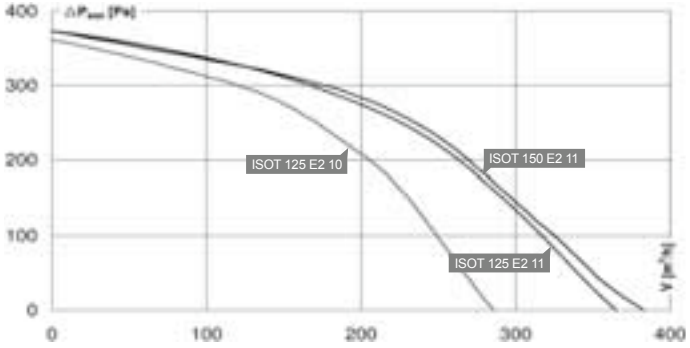
- Forward curved centrifugal fan
- Voltage controllable
- Integrated thermal contact
- Maintenance-free, long-life ball bearings
- Galvanized sheet steel housing

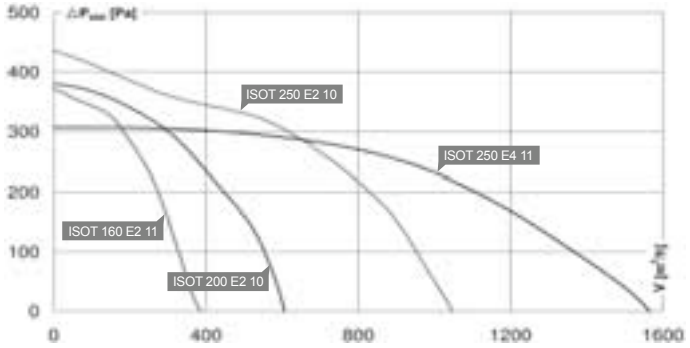
Fully insulated
Insulation is recessed in sheet metal frame.

Mounting bracket
The integrated mounting bracket saves mounting material and time.



Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	L	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[mm]	[kg]	
ISOT 125 E2 11	114875	230V ~	50	48	52	16,3	17,1	384	383	232	10,8	116985
ISOT 125 E2 10	114876	230V ~	50	48	51	15,8	16,1	384	383	232	11,1	116985
ISOT 150 E2 11	114877	230V ~	50	46	51	16,4	17,3	384	383	232	10,8	116985
ISOT 160 E2 11	114872	230V ~	50	49	55	17,0	17,0	384	383	232	10,8	116985
ISOT 200 E2 10	114855	230V ~	50	52	57	24,2	24,6	384	383	286	12,5	116985
ISOT 250 E2 10	114854	230V ~	50	52	58	25,0	26,0	466	482	287	16,4	116985
ISOT 250 E4 11	114859	230V ~	50	53	59	20,0	22,0	516	542	387	28,7	116984
ISOT 315 E2 10	114860	230V ~	50	59	62	26,0	27,0	516	542	387	24,3	123075
ISOT 355 E4 11	114867	230V ~	50	57	62	29,0	31,0	656	682	492	43,0	116984
ISOT 400 E4 11	114868	230V ~	50	56	64	28,9	29,3	656	682	491	43,1	116984
ISOT 500 E4 05	104409	230V ~	50	57	64	30,0	31,0	661	880	587	67,8	116643





	125 mm	EUR	150 mm	EUR	160 mm	EUR	200 mm	EUR	250 mm	EUR
MRITV.	**ISOT 125 E2 11** ID 114875	**336,-**	**ISOT 150 E2 11** ID 114877	**340,-**	**ISOT 160 E2 11** ID 114872	**340,-**	**ISOT 200 E2 10** ID 114855	**396,-**	**ISOT 250 E2 10** ID 114854	**490,-**
	230V ~/50Hz 55 °C 365 m³/h 109 W 0,5 A 52/66/48 db(A)		230V ~/50Hz 50 °C 380 m³/h 113 W 0,5 A 51/66/46 db(A)		230V ~/50Hz 50 °C 390 m³/h 110 W 0,5 A 55/69/49 db(A)		230V ~/50Hz 60 °C 610 m³/h 152 W 0,7 A 57/71/52 db(A)		230V ~/50Hz 60 °C 1050 m³/h 290 W 1,3 A 58/73/52 db(A)	
	MTY 1 ID 103428 **79,-** **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**		**MTY 1** ID 103428 **79,-** **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**		**MTY 1** ID 103428 **79,-** **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**		**MTY 1** ID 103428 **79,-** **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**		**MTY 2** ID 103424 **92,-** **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**	
MRITV.	**ISOT 125 E2 10** ID 114876	**336,-**							**ISOT 250 E4 11** ID 114859	**930,-**
	230V ~/50Hz 50 °C 290 m³/h 100 W 0,5 A 51/65/48 db(A)								230V ~/50Hz 40 °C 1560 m³/h 430 W 2,1 A 59/72/53 db(A)	
	MTY 1 ID 103428 **79,-** **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**								**TEM 035** ID 103502 **210,-** **TES 035** ID 103954 **80,-**	

Specific Accessories
For details see page: 134

MTY . . .
Electronic Controller

TEE . . .
5-Step Transformer
Without motor protection

TES . . .
7-Step Transformer
Without motor protection

MYSR.	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**
MYMRV.	**VM 125** ID 102647	**12,-**	**VM 150** ID 102648	**13,-**	**VM 160** ID 102649	**14,-**	**VM 200** ID 102650	**16,-**	**VM 250** ID 102651	**19,-**
MYMRR.	**RSK 125** ID 102179	**16,-**	**RSK 150** ID 102660	**18,-**	**RSK 160** ID 102661	**18,-**	**RSK 200** ID 102662	**21,-**	**RSK 250** ID 102686	**29,-**
MYMRR.	**RSK 125D** ID 113483	**18,-**	**RSK 150D** ID 113484	**20,-**	**RSK 160D** ID 113485	**20,-**	**RSK 200D** ID 113487	**23,-**	**RSK 250D** ID 113488	**31,-**
MYMRS.	**SG 125 01** ID 102895	**8,-**	**SG 150 01** ID 102896	**10,-**	**SG 160 01** ID 102897	**10,-**	**SG 200 01** ID 102898	**12,-**	**SG 250 01** ID 102899	**16,-**
MYMRDS.	**SDS 125** ID 102712	**61,-**	**SDS 150** ID 102714	**68,-**	**SDS 160** ID 102717	**74,-**	**SDS 200** ID 102719	**88,-**	**SDS 250** ID 102721	**106,-**
MYMRDF.	**SDF 125** ID 102700	**66,-**	**SDF 150** ID 102702	**75,-**	**SDF 160** ID 102703	**76,-**	**SDF 200** ID 102704	**93,-**	**SDF 250** ID 102705	**110,-**
MYMRHL.	**FV 125** ID 112679	**35,-**	**FV 150** ID 112680	**35,-**	**FV 160** ID 112831	**35,-**	**FV 200** ID 112832	**49,-**	**FV 250** ID 112833	**49,-**
MYMRHO.	**FT 125** ID 112843	**80,-**	**FT 150** ID 112842	**80,-**	**FT 160** ID 112841	**80,-**	**FT 200** ID 112840	**80,-**	**FT 250** ID 112845	**80,-**
MYMRHH.	**FTW 125** ID 112850	**365,-**	**FTW 150** ID 112851	**365,-**	**FTW 160** ID 112852	**365,-**	**FTW 200** ID 112853	**365,-**	**FTW 250** ID 112854	**398,-**

Isolator Switch

Fast Clamps
1 Set = 2 pcs.

Back Draught Shutter

Back Draught Shutter
With seal

Protection Grille

Duct Silencer
Rigid, 1 m

Duct Silencer
Flexibel, 1 m

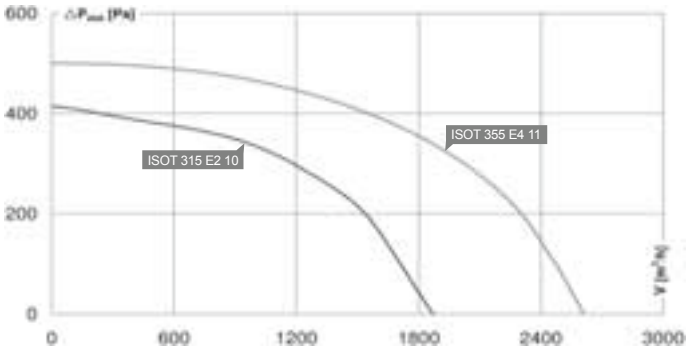
Filter Box with Mat Filter G3

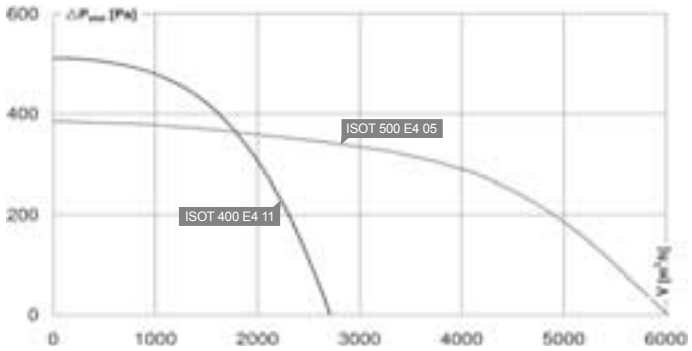
Filter Box for Bag Filter
Without filter

Filter Box with Filter F5 and Heating Coil

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

ISOT **Fully Insulated Fan Box,** forward curved impeller





Specific Accessories
For details see page: 134

315 mm	EUR	355 mm	EUR	400 mm	EUR	500 mm	EUR	
ISOT 315 E2 10 ID 114860 230V ~/50Hz 40 °C 1700 m³/h 520 W 2,4 A 62/75/59 db(A)	690,-	**ISOT 355 E4 11** ID 114867 230V ~/50Hz 45 °C 2620 m³/h 970 W 4,6 A 62/75/57 db(A)	1200,-	**ISOT 400 E4 11** ID 114868 230V ~/50Hz 50 °C 2710 m³/h 980 W 4,7 A 64/75/56 db(A)	1200,-	**ISOT 500 E4 05** ID 104409 230V ~/50Hz 40 °C 6020 m³/h 1.420 W 6,6 A 64/78/57 db(A)	2050,-	MRITV.

5-Step Transformer
With motor protection

TEM 035 ID 103502	210,-	**TEM 050** ID 103519	225,-	**TEM 050** ID 103519	225,-	**TEM 075** ID 103507	265,-	MYSM.

7-Step Transformer
Without motor protection

TES 035 ID 103954	80,-	**TES 050** ID 103955	98,-	**TES 050** ID 103955	98,-	**TES 075** ID 103957	146,-	MYSO.

Isolator Switch

GS 01 ID 102787	60,-	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-	MYSR.

Fast Clamps
1 Set = 2 pcs.

VM 315 ID 102652	21,-	**VM 355** ID 102653	24,-	**VM 400** ID 102654	25,-	**VM 500** ID 118094	32,-	MYMRV.

Back Draught Shutter

RSK 315 ID 102664	36,-	**RSK 355** ID 102665	74,-	**RSK 400** ID 102691	84,-			MYMRR.

Back Draught Shutter
With seal

RSK 315D ID 113489	38,-	**RSK 355D** ID 113491	76,-	**RSK 400D** ID 113490	86,-			MYMRR.

Protection Grille

SG 315 01 ID 102900	20,-							MYMRS.

Duct Silencer
Rigid, 1 m

SDS 315 ID 102723	124,-	**SDS 355** ID 102725	176,-	**SDS 400** ID 102727	206,-	**SDS 500** ID 118834	228,-	MYMRDS.

Duct Silencer
Flexibel, 1 m

SDF 315 ID 102706	130,-	**SDF 355** ID 102707	144,-	**SDF 400** ID 102708	157,-			MYMRDF.

Filter Box with Mat Filter G3

FV 315 ID 112834	78,-	**FV 355** ID 112835	78,-	**FV 400** ID 112836	78,-			MYMRHL.

Filter Box for Bag Filter
Without filter

FT 315 ID 112846	118,-	**FT 355** ID 112847	118,-	**FT 400** ID 112848	118,-			MYMRHO.

Filter Box with Filter F5 and Heating Coil

FTW 315 ID 112855	598,-	**FTW 355** ID 112856	598,-	**FTW 400** ID 112857	598,-			MYMRHH.

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Standby fan unit
This boxed fan was specifically developed for the requirements of the Anglo-Saxon market. The fans are alternating. The necessary controls are not included.

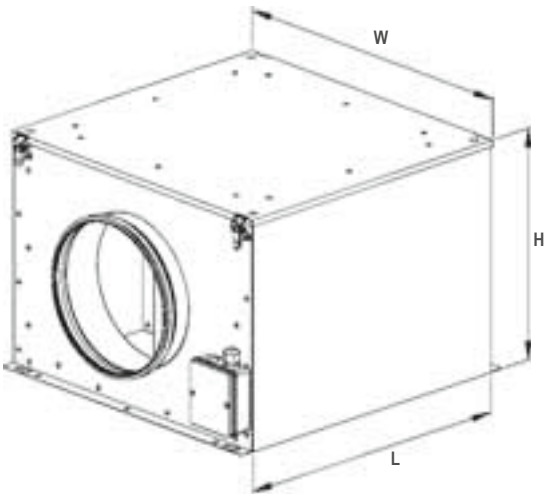
Fully insulated fan box
This series is supplied with high-quality, noise absorbing mineral insulation material on all sides and thus provides maximum noise reduction.

High quality mineral insulation material
The rock wool insulating material used has a high spatial density of 88 kg/m³, which also absorb lower frequencies much better. The glass fiber sealed surface prevents until 36 m/s flow velocity the escape of fibers. The insulation fulfills fire classification A2.

- Forward curved centrifugal fan
- Voltage controllable
- Integrated thermal contact
- Maintenance-free, long-life ball bearings
- Galvanized sheet steel housing

Connection spigots with rubber seals
Connection spigots with tight rubber sealing system.

Smooth operating flaps
The required flaps for standby operation operate smoothly and is suitable for all applications.



Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	L	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[mm]	[kg]	
ISOZ 125 E2 10	114850	230V ~	50	45	52	13,9	14,5	466	482	287	17,3	117712
ISOZ 150 E2 10	114851	230V ~	50	44	66	15,4	15,8	466	482	287	17,3	117712
ISOZ 200 E2 10	114861	230V ~	50	50	57	16,7	18,1	516	542	386	25,9	123114
ISOZ 250 E2 10	114862	230V ~	50	52	65	20,6	21,1	516	542	386	27,3	123114
ISOZ 315 E4 01	104381	230V ~	50	59	59	22,4	23,4	661	880	587	71,3	123051
ISOZ 355 E4 01	104387	230V ~	50	50	57	23,9	24,7	661	880	587	69,2	123051
ISOZ 400 E4 01	104390	230V ~	50	50	61	24,8	25,5	661	880	587	71,8	123051

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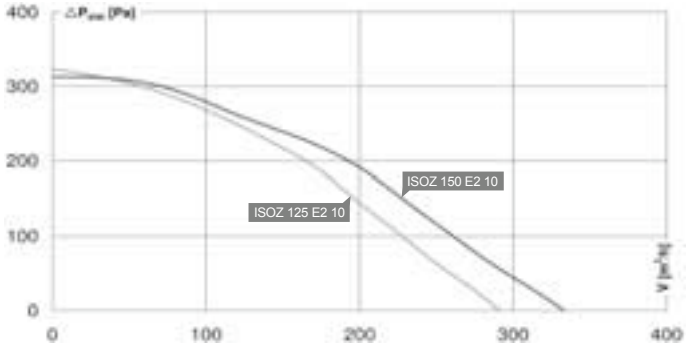
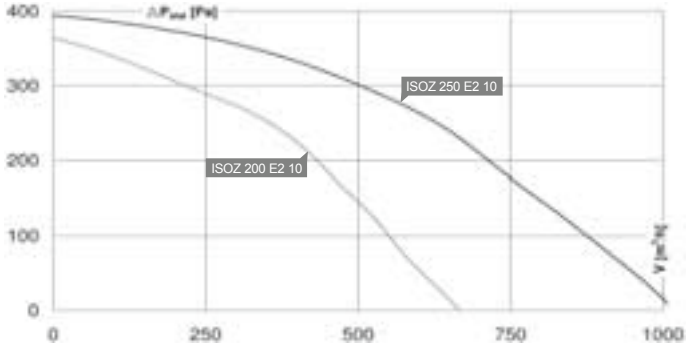
ISOZ **Fully Insulated Fan Box,** standby motor, forward curved impeller



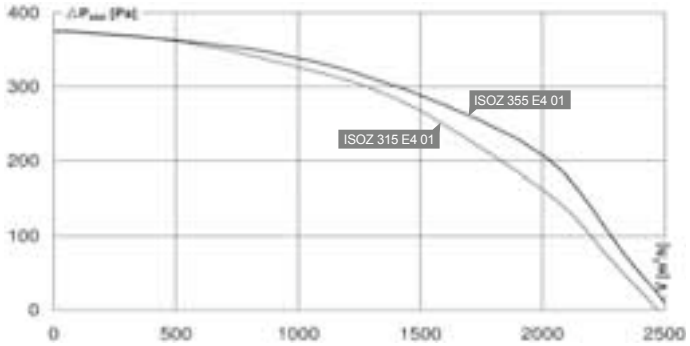


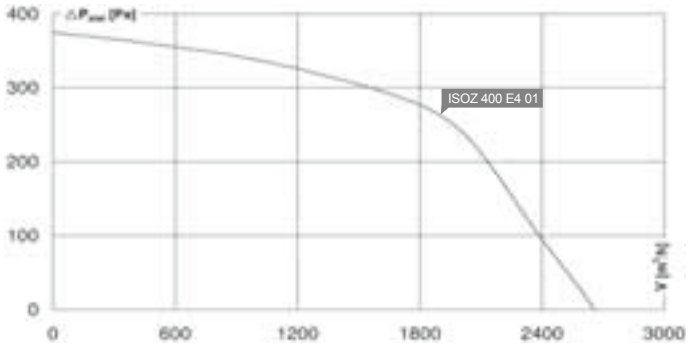
Specific Accessories
For details see page: 134

125 mm	EUR	150 mm	EUR	200 mm	EUR	250 mm	EUR	
ISOZ 125 E2 10 ID 114850 230V ~/50Hz 70 °C 290 m³/h 78 W 0,4 A 52/61/45 db(A)	570,-	**ISOZ 150 E2 10** ID 114851 230V ~/50Hz 70 °C 330 m³/h 81 W 0,4 A 66/78/44 db(A)	580,-	**ISOZ 200 E2 10** ID 114861 230V ~/50Hz 70 °C 670 m³/h 170 W 0,8 A 57/65/50 db(A)	710,-	**ISOZ 250 E2 10** ID 114862 230V ~/50Hz 75 °C 1020 m³/h 266 W 1,2 A 65/70/52 db(A)	880,-	MRIZ.

Electronic Controller	**MTY 1** ID 103428	79,-	**MTY 1** ID 103428	79,-	**MTY 1** ID 103428	79,-	**MTY 2** ID 103424	92,-	MYSE.
5-Step Transformer Without motor protection	**TEE 015** ID 115893	143,-	**TEE 015** ID 115893	143,-	**TEE 015** ID 115893	143,-	**TEE 015** ID 115893	143,-	MYSS.
7-Step Transformer Without motor protection	**TES 0145** ID 111858	48,-	**TES 0145** ID 111858	48,-	**TES 0145** ID 111858	48,-	**TES 0145** ID 111858	48,-	MYSO.
Isolator Switch	**GS 02** ID 105386	59,-	**GS 02** ID 105386	59,-	**GS 02** ID 105386	59,-	**GS 02** ID 105386	59,-	MYSR.
Fast Clamps 1 Set = 2 pcs.	**VM 125** ID 102647	12,-	**VM 150** ID 102648	13,-	**VM 200** ID 102650	16,-	**VM 250** ID 102651	19,-	MYMRV.
Back Draught Shutter	**RSK 125** ID 102179	16,-	**RSK 150** ID 102660	18,-	**RSK 200** ID 102662	21,-	**RSK 250** ID 102686	29,-	MYMRR.
Back Draught Shutter With seal	**RSK 125D** ID 113483	18,-	**RSK 150D** ID 113484	20,-	**RSK 200D** ID 113487	23,-	**RSK 250D** ID 113488	31,-	MYMRR.
Protection Grille	**SG 125 01** ID 102895	8,-	**SG 150 01** ID 102896	10,-	**SG 200 01** ID 102898	12,-	**SG 250 01** ID 102899	16,-	MYMRS.
Duct Silencer Rigid, 1 m	**SDS 125** ID 102712	61,-	**SDS 150** ID 102714	68,-	**SDS 200** ID 102719	88,-	**SDS 250** ID 102721	106,-	MYMRDS.
Duct Silencer Flexibel, 1 m	**SDF 125** ID 102700	66,-	**SDF 150** ID 102702	75,-	**SDF 200** ID 102704	93,-	**SDF 250** ID 102705	110,-	MYMRDF.
Filter Box with Mat Filter G3	**FV 125** ID 112679	35,-	**FV 150** ID 112680	35,-	**FV 200** ID 112832	49,-	**FV 250** ID 112833	49,-	MYMRHL.
Filter Box for Bag Filter Without filter	**FT 125** ID 112843	80,-	**FT 150** ID 112842	80,-	**FT 200** ID 112840	80,-	**FT 250** ID 112845	80,-	MYMRHO.
Filter Box with Filter F5 and Heating Coil	**FTW 125** ID 112850	365,-	**FTW 150** ID 112851	365,-	**FTW 200** ID 112853	365,-	**FTW 250** ID 112854	398,-	MYMRHH.

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br





	315 mm	EUR	355 mm	EUR	400 mm	EUR
MRIZ.	**ISOZ 315 E4 01** ID 104381 230V ~/50Hz 30 °C 2470 m³/h 680 W 3,2 A 59/71/50 db(A)	2090,-	**ISOZ 355 E4 01** ID 104387 230V ~/50Hz 30 °C 2520 m³/h 720 W 3,3 A 57/71/50 db(A)	2110,-	**ISOZ 400 E4 01** ID 104390 230V ~/50Hz 30 °C 2660 m³/h 720 W 3,4 A 61/71/50 db(A)	2130,-
MYSM.	**TEM 035** ID 103502	210,-	**TEM 050** ID 103519	225,-	**TEM 050** ID 103519	225,-
MYSO.	**TES 035** ID 103954	80,-	**TES 050** ID 103955	98,-	**TES 050** ID 103955	98,-
MYSR.	**GS 02** ID 105386	59,-	**GS 02** ID 105386	59,-	**GS 02** ID 105386	59,-
MYMRV.	**VM 315** ID 102652	21,-	**VM 355** ID 102653	24,-	**VM 400** ID 102654	25,-
MYMRR.	**RSK 315** ID 102664	36,-	**RSK 355** ID 102665	74,-	**RSK 400** ID 102691	84,-
MYMRR.	**RSK 315D** ID 113489	38,-	**RSK 355D** ID 113491	76,-	**RSK 400D** ID 113490	86,-
MYMRS.	**SG 315 01** ID 102900	20,-				
MYMRDS.	**SDS 315** ID 102723	124,-	**SDS 355** ID 102725	176,-	**SDS 400** ID 102727	206,-
MYMRDF.	**SDF 315** ID 102706	130,-	**SDF 355** ID 102707	144,-	**SDF 400** ID 102708	157,-
MYMRHL.	**FV 315** ID 112834	78,-	**FV 355** ID 112835	78,-	**FV 400** ID 112836	78,-
MYMRHO.	**FT 315** ID 112846	118,-	**FT 355** ID 112847	118,-	**FT 400** ID 112848	118,-
MYMRHH.	**FTW 315** ID 112855	598,-	**FTW 355** ID 112856	598,-	**FTW 400** ID 112857	598,-

Specific Accessories
For details see page: 134

5-Step Transformer
With motor protection

7-Step Transformer
Without motor protection

Isolator Switch

Fast Clamps
1 Set = 2 pcs.

Back Draught Shutter

Back Draught Shutter
With seal

Protection Grille

Duct Silencer
Rigid, 1 m

Duct Silencer
Flexibel, 1 m

Filter Box with Mat Filter G3

Filter Box for Bag Filter
Without filter

Filter Box with Filter F5 and Heating Coil

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

Motors with 4 speed
The ISORX...S have 4 speed so that the air volume can be changed over a simple multi-switch.

High quality mineral insulation material
The rock wool insulating material used has a high spatial density of 88 kg/m³, which also absorb lower frequencies much better. The glass fiber sealed surface prevents until 36 m/s flow velocity the escape of fibers. The insulation fulfills fire classification A2.

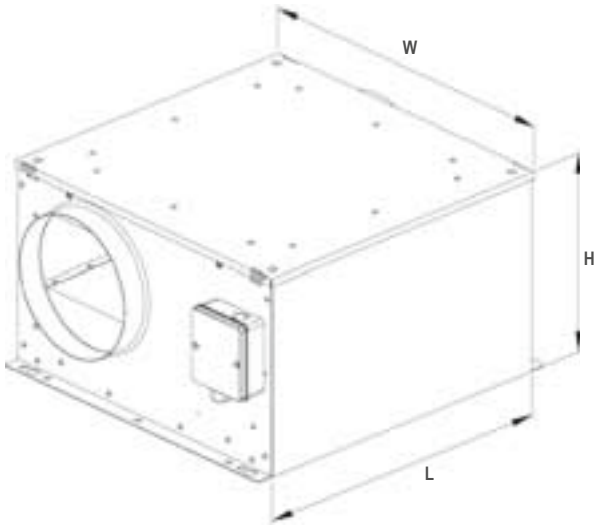
Swing out fan section
For maintenance work the backward curved impeller fan can be tilted out. Backward curved impeller radial fans have compared to forward curved impeller radial fans a slightly higher efficiency and are more resistant to soiling.

- Backward curved centrifugal fan
- Voltage controllable
- Integrated thermal contact
- Maintenance-free, long-life ball bearings
- Galvanized sheet steel housing

Connection spigot
An elegant connection spigot is drawn through in the casing wall.

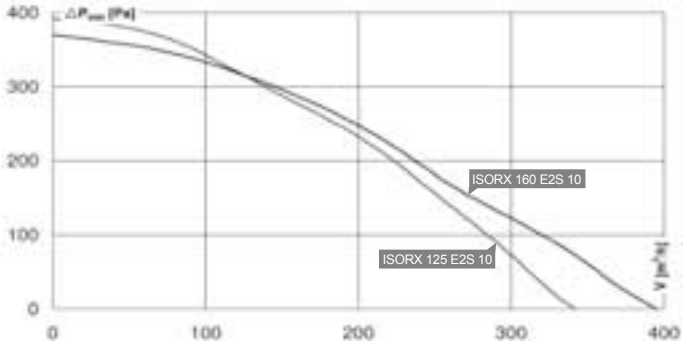
Mounting bracket
The integrated mounting bracket saves mounting material and time.

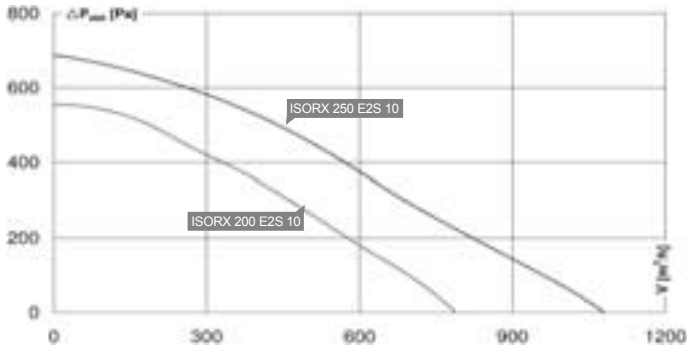
Swing out fan section
For cleaning the fans can be tilted out.



Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	L	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[mm]	[kg]	
ISORX 125 E2S 10	115839	230V ~	50	46	51	21,6	22,2	384	383	232	10,8	117002
ISORX 160 E2S 10	115842	230V ~	50	46	52	22,5	22,9	384	383	232	10,7	117002
ISORX 200 E2S 10	115849	230V ~	50	59	61	28,4	29,1	466	482	287	16,7	117002
ISORX 250 E2S 10	115866	230V ~	50	57	63	32,0	34,0	466	482	287	16,9	117002

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br





	125 mm	EUR	160 mm	EUR	200 mm	EUR	250 mm	EUR
MRIRXS.	**ISORX 125 E2S 10** ID 115839 230V ~/50Hz 80 °C 340 m³/h 60 W 0,3 A 51/67/46 db(A)	350,-	**ISORX 160 E2S 10** ID 115842 230V ~/50Hz 70 °C 380 m³/h 59 W 0,3 A 52/67/46 db(A)	350,-	**ISORX 200 E2S 10** ID 115849 230V ~/50Hz 40 °C 790 m³/h 131 W 0,6 A 61/71/59 db(A)	460,-	**ISORX 250 E2S 10** ID 115866 230V ~/50Hz 35 °C 1100 m³/h 205 W 1,0 A 63/77/57 db(A)	490,-

Specific Accessories
For details see page: 134

MYSR.	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-
MYMRV.	**VM 125** ID 102647	12,-	**VM 160** ID 102649	14,-	**VM 200** ID 102650	16,-	**VM 250** ID 102651	19,-
MYMRR.	**RSK 125** ID 102179	16,-	**RSK 160** ID 102661	18,-	**RSK 200** ID 102662	21,-	**RSK 250** ID 102686	29,-
MYMRR.	**RSK 125D** ID 113483	18,-	**RSK 160D** ID 113485	20,-	**RSK 200D** ID 113487	23,-	**RSK 250D** ID 113488	31,-
MYMRS.	**SG 125 01** ID 102895	8,-	**SG 160 01** ID 102897	10,-	**SG 200 01** ID 102898	12,-	**SG 250 01** ID 102899	16,-
MYMRDS.	**SDS 125** ID 102712	61,-	**SDS 160** ID 102717	74,-	**SDS 200** ID 102719	88,-	**SDS 250** ID 102721	106,-
MYMRDF.	**SDF 125** ID 102700	66,-	**SDF 160** ID 102703	76,-	**SDF 200** ID 102704	93,-	**SDF 250** ID 102705	110,-
MYMRHL.	**FV 125** ID 112679	35,-	**FV 160** ID 112831	35,-	**FV 200** ID 112832	49,-	**FV 250** ID 112833	49,-
MYMRHO.	**FT 125** ID 112843	80,-	**FT 160** ID 112841	80,-	**FT 200** ID 112840	80,-	**FT 250** ID 112845	80,-
MYMRHH.	**FTW 125** ID 112850	365,-	**FTW 160** ID 112852	365,-	**FTW 200** ID 112853	365,-	**FTW 250** ID 112854	398,-

Isolator Switch

Fast Clamps
1 Set = 2 pcs.

Back Draught Shutter

Back Draught Shutter
With seal

Protection Grille

Duct Silencer
Rigid, 1 m

Duct Silencer
Flexibel, 1 m

Filter Box with Mat Filter G3

Filter Box for Bag Filter
Without filter

Filter Box with Filter F5 and Heating Coil

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

Fully insulated fan box
This series is supplied with high-quality, noise absorbing mineral insulation material on all sides and thus provides maximum noise reduction.

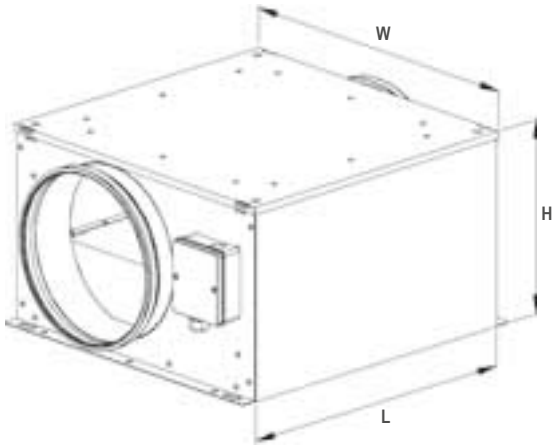
High quality mineral insulation material
The rock wool insulating material used has a high spatial density of 88 kg/m³, which also absorb lower frequencies much better. The glass fiber sealed surface prevents until 36 m/s flow velocity the escape of fibers. The insulation fulfills fire classification A2.

Swing out fan section
For maintenance work the backward curved impeller fan can be tilted out. Backward curved impeller radial fans have compared to forward curved impeller radial fans a slightly higher efficiency and are more resistant to soiling.

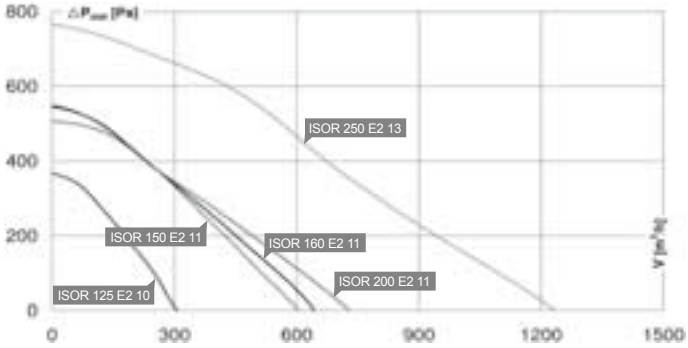
- Backward curved centrifugal fan
- Voltage controllable
- Integrated thermal contact
- Maintenance-free, long-life ball bearings
- Galvanized sheet steel housing

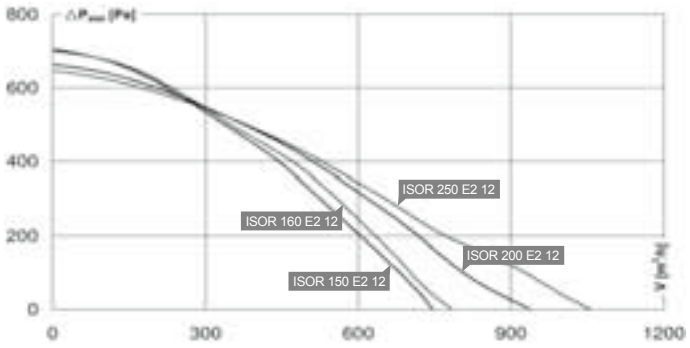
Fully insulated
Insulation is recessed in sheet metal frame.

Swing out fan section
For cleaning the fans can be tilted out.



Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	L	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[mm]	[kg]	
ISOR 125 E2 10	114873	230V ~	50	49	56	13,8	14,3	384	383	232	11,4	120751
ISOR 150 E2 11	114882	230V ~	50	55	58	26,6	27,7	466	482	287	17,9	116985
ISOR 150 E2 12	114883	230V ~	50	56	60	26,2	27,7	466	482	287	18,4	116985
ISOR 160 E2 11	114884	230V ~	50	52	55	27,1	28,1	466	482	287	17,6	116985
ISOR 160 E2 12	114885	230V ~	50	56	60	27,5	29,0	466	482	287	18,6	116985
ISOR 200 E2 11	114886	230V ~	50	56	60	28,4	29,1	466	482	287	17,6	116985
ISOR 200 E2 12	114887	230V ~	50	55	59	29,9	30,6	466	482	287	18,5	116985
ISOR 250 E2 12	114889	230V ~	50	54	60	30,1	30,4	466	482	287	18,4	116985
ISOR 250 E2 13	114857	230V ~	50	56	61	28,0	28,0	516	542	386	25,4	116985
ISOR 315 E2 13	114858	230V ~	50	56	62	25,1	25,3	516	542	386	24,9	116985
ISOR 355 D4 10	114865	400V 3~	50	60	66	38,0	41,0	656	682	491	44,5	117140
ISOR 400 D4 10	114866	400V 3~	50	59	67	40,0	42,0	656	682	491	43,8	117140
ISOR 450 D4 01	106651	400V 3~	50	59	68	37,8	38,4	800	780	548	69,5	117140





	125 mm	EUR	150 mm	EUR	160 mm	EUR	200 mm	EUR	250 mm	EUR
MRIRV.	**ISOR 125 E2 10** ID 114873 230V ~/50Hz 50 °C 310 m³/h 67 W 0,3 A 56/62/49 db(A)	340,-	**ISOR 150 E2 11** ID 114882 230V ~/50Hz 75 °C 605 m³/h 103 W 0,5 A 58/67/55 db(A)	450,-	**ISOR 160 E2 11** ID 114884 230V ~/50Hz 75 °C 640 m³/h 103 W 0,5 A 55/66/52 db(A)	450,-	**ISOR 200 E2 11** ID 114886 230V ~/50Hz 80 °C 730 m³/h 100 W 0,5 A 60/74/56 db(A)	452,-	**ISOR 250 E2 13** ID 114857 230V ~/50Hz 70 °C 1230 m³/h 280 W 1,3 A 61/75/56 db(A)	630,-
MRIRV.			**ISOR 150 E2 12** ID 114883 230V ~/50Hz 60 °C 750 m³/h 196 W 0,9 A 60/73/56 db(A)	490,-	**ISOR 160 E2 12** ID 114885 230V ~/50Hz 60 °C 790 m³/h 192 W 0,9 A 60/73/56 db(A)	490,-	**ISOR 200 E2 12** ID 114887 230V ~/50Hz 60 °C 940 m³/h 190 W 0,9 A 59/72/55 db(A)	495,-	**ISOR 250 E2 12** ID 114889 230V ~/50Hz 55 °C 1060 m³/h 197 W 0,9 A 60/74/54 db(A)	520,-

Specific Accessories
For details see page: 134

MYSE.	**MTY 1** ID 103428	79,-	**MTY 1** ID 103428	79,-	**MTY 1** ID 103428	79,-	**MTY 1** ID 103428	79,-	**MTY 2** ID 103424	92,-
MYSS.	**TEE 015** ID 115893	143,-	**TEE 015** ID 115893	143,-	**TEE 015** ID 115893	143,-	**TEE 015** ID 115893	143,-	**TEE 015** ID 115893	143,-
MYSO.	**TES 0145** ID 111858	48,-	**TES 0145** ID 111858	48,-	**TES 0145** ID 111858	48,-	**TES 0145** ID 111858	48,-	**TES 0145** ID 111858	48,-
MYSR.	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-
MYMRV.	**VM 125** ID 102647	12,-	**VM 150** ID 102648	13,-	**VM 160** ID 102649	14,-	**VM 200** ID 102650	16,-	**VM 250** ID 102651	19,-
MYMRR.	**RSK 125** ID 102179	16,-	**RSK 150** ID 102660	18,-	**RSK 160** ID 102661	18,-	**RSK 200** ID 102662	21,-	**RSK 250** ID 102686	29,-
MYMRR.	**RSK 125D** ID 113483	18,-	**RSK 150D** ID 113484	20,-	**RSK 160D** ID 113485	20,-	**RSK 200D** ID 113487	23,-	**RSK 250D** ID 113488	31,-
MYMRS.	**SG 125 01** ID 102895	8,-	**SG 150 01** ID 102896	10,-	**SG 160 01** ID 102897	10,-	**SG 200 01** ID 102898	12,-	**SG 250 01** ID 102899	16,-
MYMRDS.	**SDS 125** ID 102712	61,-	**SDS 150** ID 102714	68,-	**SDS 160** ID 102717	74,-	**SDS 200** ID 102719	88,-	**SDS 250** ID 102721	106,-
MYMRDF.	**SDF 125** ID 102700	66,-	**SDF 150** ID 102702	75,-	**SDF 160** ID 102703	76,-	**SDF 200** ID 102704	93,-	**SDF 250** ID 102705	110,-
MYMRHL.	**FV 125** ID 112679	35,-	**FV 150** ID 112680	35,-	**FV 160** ID 112831	35,-	**FV 200** ID 112832	49,-	**FV 250** ID 112833	49,-
MYMRHO.	**FT 125** ID 112843	80,-	**FT 150** ID 112842	80,-	**FT 160** ID 112841	80,-	**FT 200** ID 112840	80,-	**FT 250** ID 112845	80,-
MYMRHH.	**FTW 125** ID 112850	365,-	**FTW 150** ID 112851	365,-	**FTW 160** ID 112852	365,-	**FTW 200** ID 112853	365,-	**FTW 250** ID 112854	398,-

Electronic Controller

5-Step Transformer
Without motor protection

7-Step Transformer
Without motor protection

Isolator Switch

Fast Clamps
1 Set = 2 pcs.

Back Draught Shutter

Back Draught Shutter
With seal

Protection Grille

Duct Silencer
Rigid, 1 m

Duct Silencer
Flexibel, 1 m

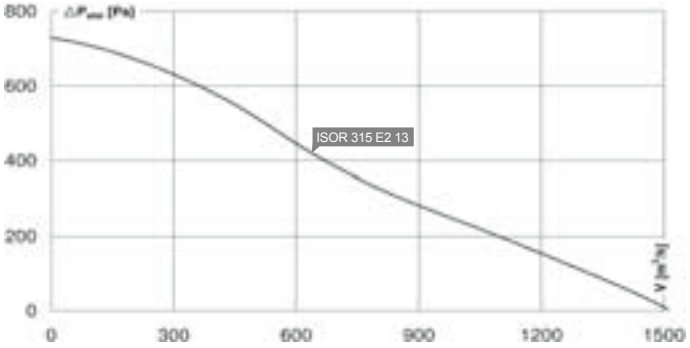
Filter Box with Mat Filter G3

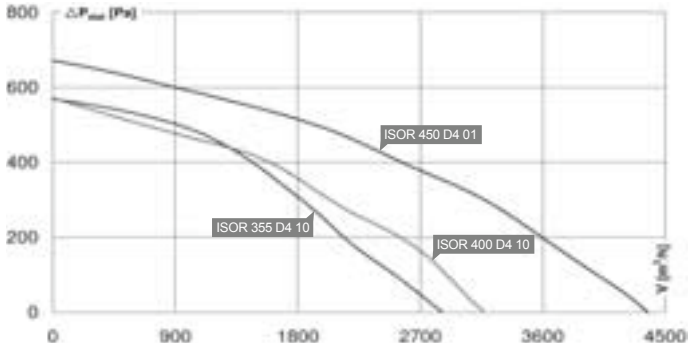
Filter Box for Bag Filter
Without filter

Filter Box with Filter F5 and Heating Coil

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

ISOR **Fully Insulated Fan Box,** backward curved impeller





315 mm	EUR	355 mm	EUR	400 mm	EUR	450 mm	EUR	
ISOR 315 E2 13 ID 114858 230V ~/50Hz 70 °C 1520 m³/h 286 W 1,3 A 62/76/56 db(A)	**650,-**	**ISOR 355 D4 10** ID 114865 400V 3~/50Hz 60 °C 2860 m³/h 475 W 1,2 A 66/75/60 db(A)	**1515,-**	**ISOR 400 D4 10** ID 114866 400V 3~/50Hz 60 °C 3170 m³/h 510 W 1,3 A 67/75/59 db(A)	**1595,-**	**ISOR 450 D4 01** ID 106651 400V 3~/50Hz 40 °C 4370 m³/h 855 W 1,8 A 68/78/59 db(A)	**1890,-**	MRIRV.
MTY 2 ID 103424	**92,-**	**TDS 025** ID 113663	**155,-**	**TDS 025** ID 113663	**155,-**	**TDS 025** ID 113663	**155,-**	
TEE 015 ID 115893	**143,-**	**TDM 025** ID 107628	**360,-**	**TDM 025** ID 107628	**360,-**	**TDM 025** ID 107628	**360,-**	
TES 0145 ID 111858	**48,-**							
								MRIRV.
GS 01 ID 102787	**60,-**	**GS 03** ID 107633	**60,-**	**GS 03** ID 107633	**60,-**	**GS 03** ID 107633	**60,-**	MYSR.
VM 315 ID 102652	**21,-**	**VM 355** ID 102653	**24,-**	**VM 400** ID 102654	**25,-**			MYMRV.
RSK 315 ID 102664	**36,-**	**RSK 355** ID 102665	**74,-**	**RSK 400** ID 102691	**84,-**			MYMRR.
RSK 315D ID 113489	**38,-**	**RSK 355D** ID 113491	**76,-**	**RSK 400D** ID 113490	**86,-**			MYMRR.
SG 315 01 ID 102900	**20,-**							MYMRS.
SDS 315 ID 102723	**124,-**	**SDS 355** ID 102725	**176,-**	**SDS 400** ID 102727	**206,-**			MYMRDS.
SDF 315 ID 102706	**130,-**	**SDF 355** ID 102707	**144,-**	**SDF 400** ID 102708	**157,-**			MYMRDF.
FV 315 ID 112834	**78,-**	**FV 355** ID 112835	**78,-**	**FV 400** ID 112836	**78,-**			MYMRHL.
FT 315 ID 112846	**118,-**	**FT 355** ID 112847	**118,-**	**FT 400** ID 112848	**118,-**			MYMRHO.
FTW 315 ID 112855	**598,-**	**FTW 355** ID 112856	**598,-**	**FTW 400** ID 112857	**598,-**			MYMRHH.

Specific Accessories
For details see page: 134


MTY . . .
Electronic Controller


TEE . . .
5-Step Transformer
Without motor protection


TES . . .
7-Step Transformer
Without motor protection


TDS . . .
7-Step Transformer
Without motor protection, for V-connection (Switch Cabinet)


TDM . . .
5-Step Transformer
With motor protection


Isolator Switch


Fast Clamps
1 Set = 2 pcs.


Back Draught Shutter


Back Draught Shutter
With seal


Protection Grille


Duct Silencer
Rigid, 1 m


Duct Silencer
Flexibel, 1 m


Filter Box with Mat Filter G3


Filter Box for Bag Filter
Without filter


Filter Box with Filter F5 and Heating Coil

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

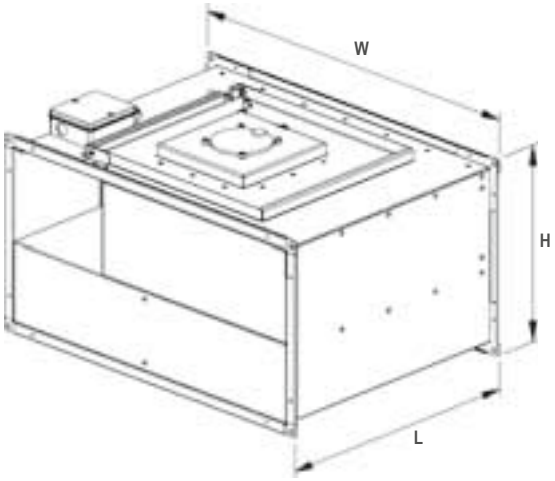
Powerful forward curved impeller radial fans
The forward curved impeller radial fans have very high power density and can be variably voltage controlled.

For maintenance work the fan can be tilted out
The fans of KVT series can be tilted out for cleaning.

Ultrashort design
The length of the revised KVT series was again significantly reduced. This saves valuable transport volume and mounting space.

- Forward curved centrifugal fan
- Voltage controllable
- Integrated thermal contact
- Maintenance-free, long-life ball bearings
- Galvanized sheet steel housing

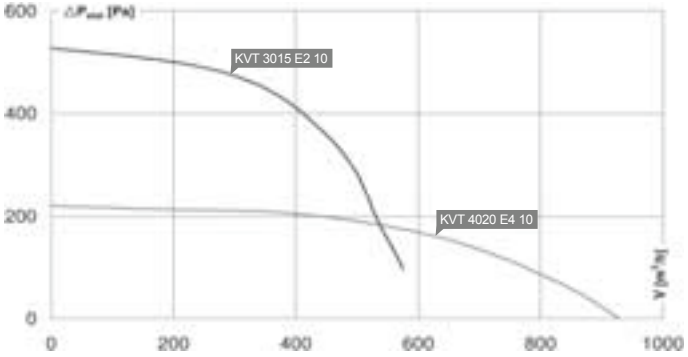
Swing out fan section
For cleaning the fans can be tilted out.

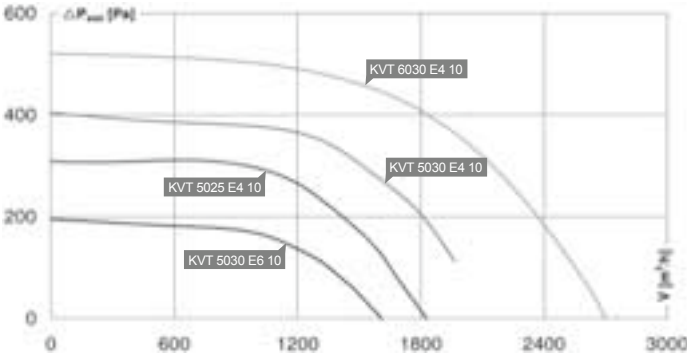


Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	L	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[mm]	[kg]	
KVT 3015 E2 10	116239	230V ~	50	62	71	25,0	27,0	275	338	188	8,5	116985
KVT 4020 E4 10	116138	230V ~	50	53	64	21,3	21,5	324	438	238	12,0	116985
KVT 5025 E4 10	116140	230V ~	50	56	70	25,0	26,0	394	538	288	15,6	116984
KVT 5030 E4 10	116142	230V ~	50		73	31,4	31,7	420	538	338	18,6	116984
KVT 5030 E6 10	116272	230V ~	50	53	66	23,0	24,0	420	538	338	17,4	116984
KVT 6030 E4 10	116144	230V ~	50	66	74	33,0	35,0	465	638	338	22,8	116984
KVT 6035 E4 10	116146	230V ~	50	66	73	33,0	34,0	465	638	388	23,6	116984
KVT 6035 E6 10	116312	230V ~	50	63	70	29,0	30,0	515	638	388	27,4	116984
KVT 5025 D4 10	116287	400V 3~	50	54	63	34,6	34,8	394	538	288	15,5	116986
KVT 5030 D4 10	116275	400V 3~	50	56	74	31,0	33,0	420	538	338	18,6	116986
KVT 5030 D6 10	116282	400V 3~	50	51	62	24,0	25,0	420	538	338	17,7	116986
KVT 6030 D4 10	116284	400V 3~	50	61	75	38,0	41,0	465	638	338	22,6	116986
KVT 6035 D4 10	116280	400V 3~	50	66	75	38,0	40,0	465	638	388	23,3	116986
KVT 6035 D4 11	116313	400V 3~	50	70	78	40,0	42,0	515	638	388	33,0	116986
KVT 6035 D6 10	116314	400V 3~	50	61	67	34,9	35,2	515	638	388	27,5	116986
KVT 7040 D4 10	116148	400V 3~	50	71	82	40,0	40,0	590	738	438	50,4	116986
KVT 8050 D4 10	116292	400V 3~	50	73	85	41,0	41,0	660	838	538	70,1	116986
KVT 8050 D6 10	116150	400V 3~	50	66	75	41,0	43,0	660	838	538	70,1	116986
KVT 10050 D6 10	116152	400V 3~	50	69	80	42,0	42,0	735	1038	538	79,8	116986

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

KVT **Duct Fan,** forward curved impeller





30 / 15 cm	EUR	40 / 20 cm	EUR	50 / 25 cm	EUR	50 / 30 cm	EUR	60 / 30 cm	EUR	
KVT 3015 E2 10 ID 116239 230V ~/50Hz 40 °C 580 m³/h 240 W 1,1 A 71/76/62 db(A)	**205,-**	**KVT 4020 E4 10** ID 116138 230V ~/50Hz 50 °C 930 m³/h 179 W 0,8 A 63/68/53 db(A)	**290,-**	**KVT 5025 E4 10** ID 116140 230V ~/50Hz 40 °C 1820 m³/h 520 W 2,5 A 70/76/56 db(A)	**620,-**	**KVT 5030 E4 10** ID 116142 230V ~/50Hz 50 °C 2100 m³/h 700 W 3,6 A 73/76/- db(A)	**650,-**	**KVT 6030 E4 10** ID 116144 230V ~/50Hz 50 °C 2700 m³/h 990 W 4,7 A 74/77/66 db(A)	**790,-**	MKUT.
MTY 2 ID 103424 **92,-** **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**		**MTY 1** ID 103428 **79,-** **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**		**TES 035** ID 103954 **80,-** **TEM 035** ID 103502 **210,-**		**TES 050** ID 103955 **98,-** **TEM 050** ID 103519 **225,-**		**TES 050** ID 103955 **98,-** **TEM 050** ID 103519 **225,-**		
						KVT 5030 E6 10 ID 116272 230V ~/50Hz 75 °C 1610 m³/h 260 W 1,2 A 66/69/53 db(A)	**660,-**			MKUT.
						TES 0145 ID 111858 **48,-** **TEM 035** ID 103502 **210,-**				
GS 01 ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	MYSR.
VS 3015 ID 102801	**51,-**	**VS 4020** ID 102802	**61,-**	**VS 5025** ID 102804	**65,-**	**VS 5030** ID 102805	**70,-**	**VS 6030** ID 102806	**74,-**	MYMKF.
VKK 3015 ID 103897	**97,-**	**VKK 4020** ID 103896	**92,-**	**VKK 5025** ID 103894	**97,-**	**VKK 5030** ID 103893	**102,-**	**VKK 6030** ID 103895	**120,-**	MYMKV.

Specific Accessories
For details see page: 134

MTY . . .
Electronic Controller

TEE . . .
5-Step Transformer
Without motor protection

TES . . .
7-Step Transformer
Without motor protection

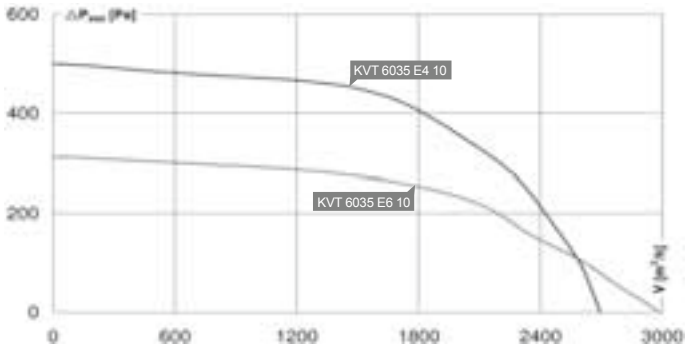
TEM . . .
5-Step Transformer
With motor protection

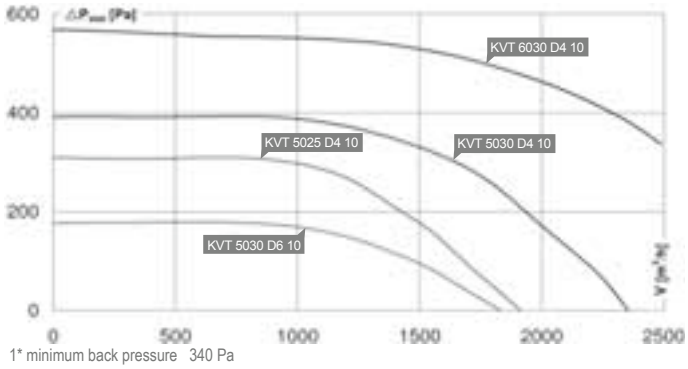
Isolator Switch

Duct Collar
Flexible

Dampers
Automatic

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br





1* minimum back pressure 340 Pa

	60 / 35 cm	EUR		50 / 25 cm	EUR	50 / 30 cm	EUR	60 / 30 cm	EUR
MKUT.	**KVT 6035 E4 10** ID 116146 230V ~/50Hz 40 °C 2700 m³/h 1.020 W 4,9 A 73/77/66 db(A) **TES 075** ID 103957 **146,-** **TEM 075** ID 103507 **265,-**	**810,-**		**KVT 5025 D4 10** ID 116287 400V 3~/50Hz 60 °C 1910 m³/h 500 W 1,0 A 63/68/54 db(A) **TDS 025** ID 113663 **155,-** **TDM 025** ID 107628 **360,-**	**620,-**	**KVT 5030 D4 10** ID 116275 400V 3~/50Hz 40 °C 2350 m³/h 820 W 1,5 A 74/78/56 db(A) **TDS 025** ID 113663 **155,-** **TDM 025** ID 107628 **360,-**	**650,-**	**KVT 6030 D4 10** ID 116284 1* 400V 3~/50Hz 40 °C 2480 m³/h 1.360 W 2,6 A 75/79/61 db(A) **TDS 025** ID 113663 **155,-** **TDM 025** ID 107628 **360,-**	**790,-**
MKUT.	**KVT 6035 E6 10** ID 116312 230V ~/50Hz 70 °C 2985 m³/h 690 W 3,4 A 70/71/63 db(A) **TES 050** ID 103955 **98,-** **TEM 050** ID 103519 **225,-**	**970,-**				**KVT 5030 D6 10** ID 116282 400V 3~/50Hz 45 °C 1830 m³/h 350 W 0,9 A 62/66/51 db(A) **TDS 025** ID 113663 **155,-** **TDM 025** ID 107628 **360,-**	**660,-**		
MYSR.	**GS 01** ID 102787	**60,-**		**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**
MYMKF.	**VS 6035** ID 102808	**72,-**		**VS 5025** ID 102804	**65,-**	**VS 5030** ID 102805	**70,-**	**VS 6030** ID 102806	**74,-**
MYMKV.	**VKK 6035** ID 103892	**142,-**		**VKK 5025** ID 103894	**97,-**	**VKK 5030** ID 103893	**102,-**	**VKK 6030** ID 103895	**120,-**

Specific Accessories
For details see page: 134

TES . . .
7-Step Transformer
Without motor protection

TEM . . .
5-Step Transformer
With motor protection

TDS . . .
7-Step Transformer
Without motor protection, for V-connection (Switch Cabinet)

TDM . . .
5-Step Transformer
With motor protection

Isolator Switch

Duct Collar
Flexible

Dampers
Automatic

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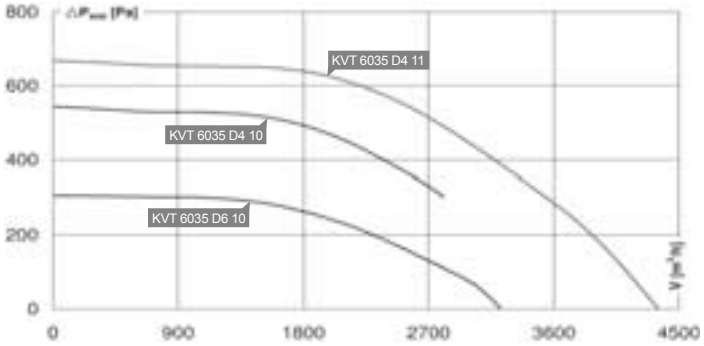
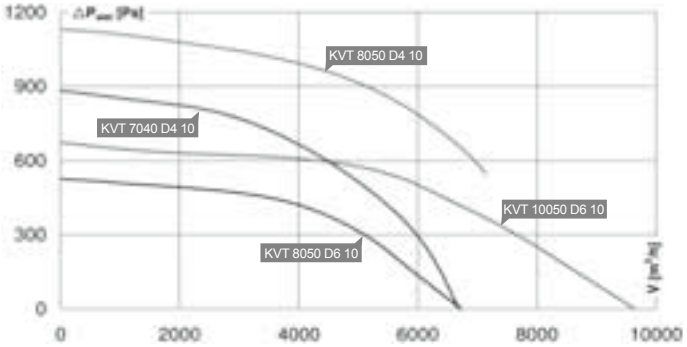
KVT **Duct Fan,** forward curved impeller



1* minimum back pressure 300 Pa



2* minimum back pressure 540 Pa

Specific Accessories
For details see page: 134

TDS . . .
7-Step Transformer
Without motor protection, for V-connection (Switch Cabinet)

TDM . . .
5-Step Transformer
With motor protection

60 / 35 cm	EUR	60 / 35 cm	EUR	70 / 40 cm	EUR	80 / 50 cm	EUR	100 / 50 cm	EUR	
KVT 6035 D4 10 ID 116280 1*	**800,-**	**KVT 6035 D6 10** ID 116314	**970,-**	**KVT 7040 D4 10** ID 116148	**1670,-**	**KVT 8050 D4 10** ID 116292 2*	**1940,-**	**KVT 10050 D6 10** ID 116152	**1950,-**	MKUT.
400V 3~/50Hz 40 °C 2800 m³/h 1.430 W 2,7 A 75/79/66 db(A)		400V 3~/50Hz 80 °C 3220 m³/h 720 W 1,7 A 67/72/61 db(A)		400V 3~/50Hz 50 °C 6690 m³/h 4.070 W 7,4 A 82/88/71 db(A)		400V 3~/50Hz 45 °C 7130 m³/h 4.860 W 9,6 A 85/90/73 db(A)		400V 3~/50Hz 60 °C 9640 m³/h 3.800 W 7,7 A 80/82/69 db(A)		
TDS 040 ID 113666 **196,-** **TDM 040** ID 111556 **430,-**		**TDS 025** ID 113663 **155,-** **TDM 025** ID 107628 **360,-**		**TDS 080** ID 113668 **350,-** **TDM 080** ID 111558 **695,-**		**TDS 110** ID 113670 **390,-** **TDM 110** ID 111559 **950,-**		**TDS 080** ID 113668 **350,-** **TDM 080** ID 111558 **695,-**		
KVT 6035 D4 11 ID 116313	**1110,-**					**KVT 8050 D6 10** ID 116150	**1780,-**			MKUT.
400V 3~/50Hz 45 °C 4350 m³/h 2.070 W 4,0 A 78/82/70 db(A)						400V 3~/50Hz 80 °C 6720 m³/h 2.280 W 4,7 A 75/79/66 db(A)				
TDS 060 ID 113667 **262,-** **TDM 060** ID 111557 **560,-**						**TDS 060** ID 113667 **262,-** **TDM 060** ID 111557 **560,-**				

Isolator Switch

GS 01 ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 03** ID 107633	**60,-**	**GS 03** ID 107633	**60,-**	**GS 03** ID 107633	**60,-**	MYSR.

Duct Collar
Flexible

VS 6035 ID 102808	**72,-**	**VS 6035** ID 102808	**72,-**	**VS 7040** ID 103951	**80,-**	**VS 8050** ID 103953	**91,-**	**VS 10050** ID 103956	**96,-**	MYMKF.

Dampers
Automatic

VKK 6035 ID 103892	**142,-**	**VKK 6035** ID 103892	**142,-**	**VKK 7040** ID 103944	**184,-**	**VKK 8050** ID 103945	**240,-**	**VKK 10050** ID 103946	**362,-**	MYMKV.

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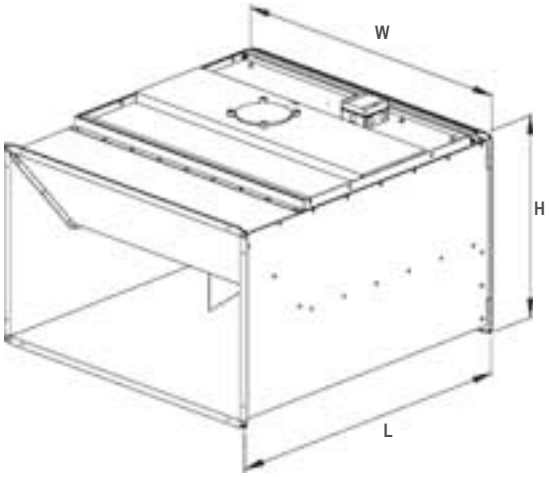
Powerful backward curved impeller radial fans
The backward curved impeller radial fans have very high efficiency and can be variably voltage controlled.

For maintenance work the fan can be tilted out
The fans of KVR series can be tilted out for cleaning.

- Backward curved centrifugal fan
- Voltage controllable
- Integrated thermal contact
- Maintenance-free, long-life ball bearings
- Galvanized sheet steel housing

Standard connection dimensions
20 mm flange profile.

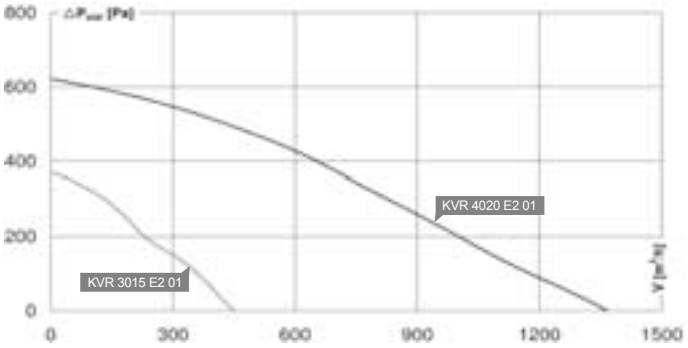
Swing out fan section
For cleaning the fans can be tilted out.

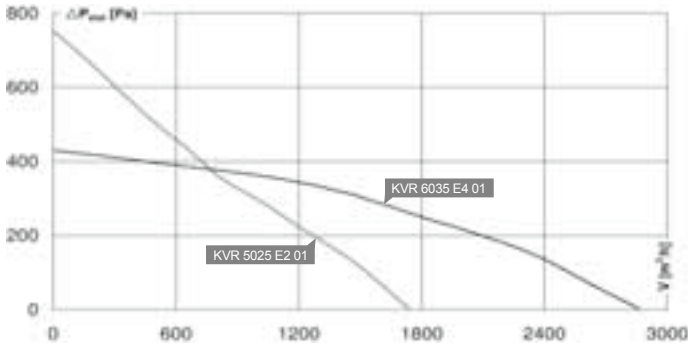


Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	L	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[mm]	[kg]	
KVR 3015 E2 01	108981	230V ~	50	51	65	18,1	18,2	402	338	219	7,1	116985
KVR 4020 E2 01	109367	230V ~	50	60	73	33,8	34,1	502	438	266	11,9	116985
KVR 5025 E2 01	109033	230V ~	50	60	73	28,5	28,7	532	538	319	15,7	116985
KVR 6035 E4 01	110238	230V ~	50	63	70	40,0	40,0	717	638	437	25,0	116984
KVR 6035 D4 01	110242	400V 3~	50	66	73	45,0	46,0	717	638	388	28,8	117140
KVR 7040 D4 01	110249	400V 3~	50	66	76	45,7	46,2	787	737	476	46,0	117140
KVR 8050 D4 01	110277	400V 3~	50	70	81	48,7	49,1	881	837	575	65,7	117140
KVR 10050 D4 01	110309	400V 3~	50	73	97	51,6	51,9	981	1037	575	84,5	117140

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

KVR **Duct Fan,** backward curved impeller





Specific Accessories
For details see page: 134

30 / 15 cm	EUR	40 / 20 cm	EUR	50 / 25 cm	EUR	60 / 35 cm	EUR
KVR 3015 E2 01 ID 108981 230V ~/50Hz 55 °C 450 m³/h 68 W 0,3 A 65/66/51 db(A)	205,-	**KVR 4020 E2 01** ID 109367 230V ~/50Hz 55 °C 1370 m³/h 204 W 0,9 A 73/77/60 db(A)	300,-	**KVR 5025 E2 01** ID 109033 230V ~/50Hz 50 °C 1760 m³/h 294 W 1,3 A 73/77/60 db(A)	370,-	**KVR 6035 E4 01** ID 110238 230V ~/50Hz 60 °C 2880 m³/h 290 W 1,4 A 70/73/63 db(A)	870,-

MKUR.

Electronic Controller

MTY 1 ID 103428	79,-	**MTY 1** ID 103428	79,-	**MTY 2** ID 103424	92,-	**MTY 2** ID 103424	92,-

MYSE.

5-Step Transformer
Without motor protection

TEE 015 ID 115893	143,-	**TEE 015** ID 115893	143,-	**TEE 015** ID 115893	143,-	**TEE 015** ID 115893	143,-

MYSS.

7-Step Transformer
Without motor protection

TES 0145 ID 111858	48,-	**TES 0145** ID 111858	48,-	**TES 0145** ID 111858	48,-	**TES 0145** ID 111858	48,-

MYSO.

Isolator Switch

GS 01 ID 102787	60,-	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-	**GS 01** ID 102787	60,-

MYSR.

Duct Collar
Flexible

VS 3015 ID 102801	51,-	**VS 4020** ID 102802	61,-	**VS 5025** ID 102804	65,-	**VS 6035** ID 102808	72,-

MYMKF.

Dampers
Automatic

VKK 3015 ID 103897	97,-	**VKK 4020** ID 103896	92,-	**VKK 5025** ID 103894	97,-	**VKK 6035** ID 103892	142,-

MYMKV.

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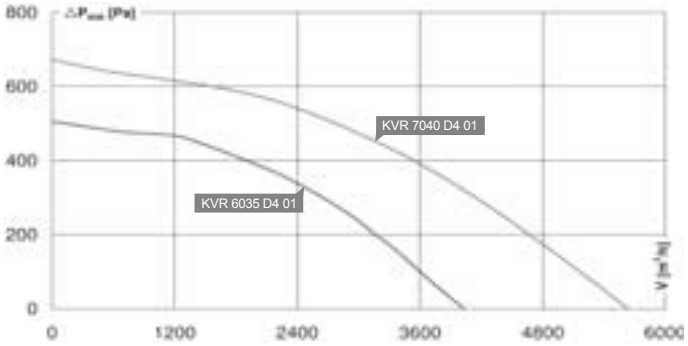

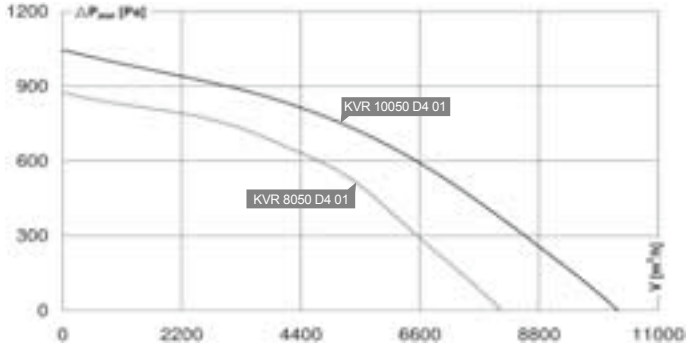

	60 / 35 cm	EUR	70 / 40 cm	EUR	80 / 50 cm	EUR	100 / 50 cm	EUR
MKUR.	**KVR 6035 D4 01** ID 110242 400V 3~/50Hz 60 °C 3870 m³/h 510 W 1,3 A 73/78/66 db(A)	1090,-	**KVR 7040 D4 01** ID 110249 400V 3~/50Hz 50 °C 5640 m³/h 875 W 1,9 A 76/81/66 db(A)	1190,-	**KVR 8050 D4 01** ID 110277 400V 3~/50Hz 55 °C 8100 m³/h 1.600 W 3,8 A 81/86/70 db(A)	1580,-	**KVR 10050 D4 01** ID 110309 400V 3~/50Hz 50 °C 10250 m³/h 2.070 W 4,8 A 97/89/73 db(A)	1790,-
MYSO.	**TDS 025** ID 113663	155,-	**TDS 025** ID 113663	155,-	**TDS 040** ID 113666	196,-	**TDS 060** ID 113667	262,-
MYSM.	**TDM 025** ID 107628	360,-	**TDM 025** ID 107628	360,-	**TDM 040** ID 111556	430,-	**TDM 060** ID 111557	560,-
MYSR.	**GS 03** ID 107633	60,-	**GS 03** ID 107633	60,-	**GS 03** ID 107633	60,-	**GS 03** ID 107633	60,-
MYMKF.	**VS 6035** ID 102808	72,-	**VS 7040** ID 103951	80,-	**VS 8050** ID 103953	91,-	**VS 10050** ID 103956	96,-
MYMKV.	**VKK 6035** ID 103892	142,-	**VKK 7040** ID 103944	184,-	**VKK 8050** ID 103945	240,-	**VKK 10050** ID 103946	362,-

Specific Accessories
For details see page: 134

7-Step Transformer
Without motor protection, for V-connection (Switch Cabinet)

5-Step Transformer
With motor protection

Isolator Switch

Duct Collar
Flexible

Dampers
Automatic

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Fully insulated fan box
This series is supplied with high-quality, noise absorbing mineral insulation material on all sides and thus provides maximum noise reduction.

High quality mineral insulation material
The rock wool insulating material used has a high spatial density of 88 kg/m³, which also absorb lower frequencies much better. The glass fiber sealed surface prevents until 36 m/s flow velocity the escape of fibers. The insulation fulfills fire classification A2.

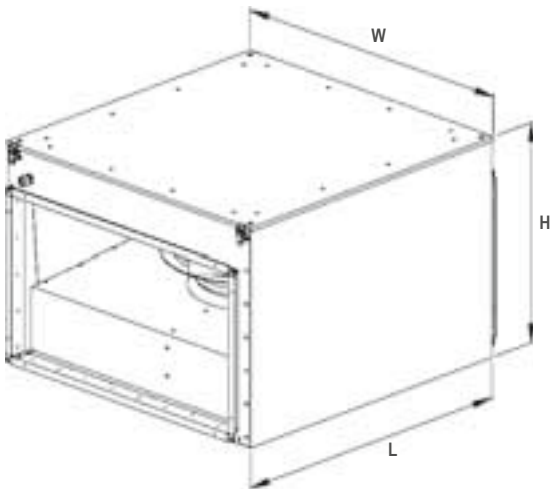
Swing out fan section
For maintenance work the backward curved impeller fan can be tilted out. Backward curved impeller radial fans have compared to forward curved impeller radial fans a slightly higher efficiency and are more resistant to soiling.

- Backward curved centrifugal fan
- Voltage controllable
- Integrated thermal contact
- Maintenance-free, long-life ball bearings
- Galvanized sheet steel housing

Standard connection dimensions
20 mm flange profile.

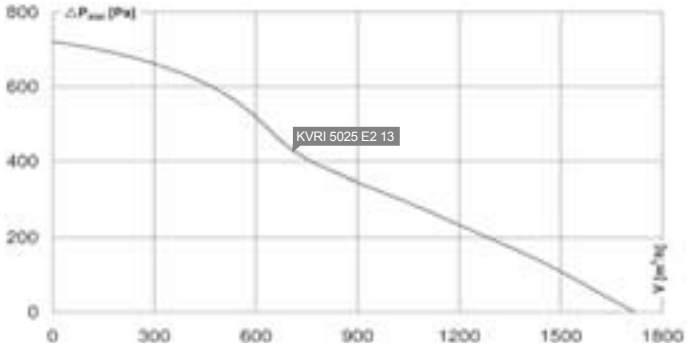
Bordered insulation material
The insulation is bordered on all sides.

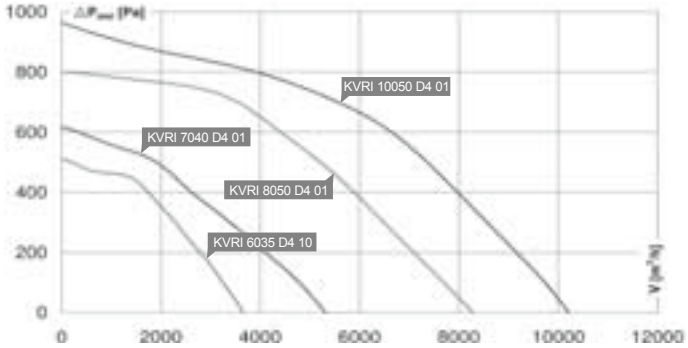
Swing out fan section
For cleaning the fans can be tilted out.



Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	L	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[mm]	[kg]	
KVRI 5025 E2 13	116970	230V ~	50	57	65	28,8	28,9	516	542	386	23,5	116985
KVRI 6035 D4 10	114899	400V 3~	50	59	67	41,0	41,0	656	682	491	46,8	117140
KVRI 7040 D4 01	104910	400V 3~	50	60	69	40,6	40,7	799	783	547	66,8	117140
KVRI 8050 D4 01	104908	400V 3~	50	67	76	40,0	42,0	820	883	656	87,6	117140
KVRI 10050 D4 01	104905	400V 3~	50	78	66	54,4	55,1	920	1083	656	109,2	117140

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br





	50 / 25 cm	EUR	60 / 35 cm	EUR	70 / 40 cm	EUR	80 / 50 cm	EUR	100 / 50 cm	EUR
MKL.	**KVRI 5025 E2 13** ID 116970	**540,-**	**KVRI 6035 D4 10** ID 114899	**1440,-**	**KVRI 7040 D4 01** ID 104910	**1690,-**	**KVRI 8050 D4 01** ID 104908	**2180,-**	**KVRI 10050 D4 01** ID 104905	**2440,-**
	230V ~/50Hz 60 °C 1720 m³/h 285 W 1,3 A 65/76/57 db(A)		400V 3~D/50Hz 60 °C 3660 m³/h 500 W 1,2 A 67/77/59 db(A)		400V 3~D/50Hz 40 °C 5320 m³/h 750 W 1,7 A 69/81/60 db(A)		400V 3~D/50Hz 55 °C 8280 m³/h 1.800 W 3,9 A 76/87/67 db(A)		400V 3~D/50Hz 50 °C 10210 m³/h 2.010 W 4,8 A 78/90/66 db(A)	
	MTY 2 ID 103424	**92,-**	**TDS 025** ID 113663	**155,-**	**TDS 025** ID 113663	**155,-**	**TDS 060** ID 113667	**262,-**	**TDS 060** ID 113667	**262,-**
	TEE 015 ID 115893	**143,-**	**TDM 025** ID 107628	**360,-**	**TDM 025** ID 107628	**360,-**	**TDM 060** ID 111557	**560,-**	**TDM 060** ID 111557	**560,-**
	TES 0145 ID 111858	**48,-**								
MYSR.	**GS 01** ID 102787	**60,-**	**GS 03** ID 107633	**60,-**	**GS 03** ID 107633	**60,-**	**GS 03** ID 107633	**60,-**	**GS 03** ID 107633	**60,-**
MYMKF.	**VS 5025** ID 102804	**65,-**	**VS 6035** ID 102808	**72,-**	**VS 7040** ID 103951	**80,-**	**VS 8050** ID 103953	**91,-**	**VS 10050** ID 103956	**96,-**
MYMKV.	**VKK 5025** ID 103894	**97,-**	**VKK 6035** ID 103892	**142,-**	**VKK 7040** ID 103944	**184,-**	**VKK 8050** ID 103945	**240,-**	**VKK 10050** ID 103946	**362,-**

Specific Accessories
For details see page: 134

MTY . . .
Electronic Controller

TEE . . .
5-Step Transformer
Without motor protection

TES . . .
7-Step Transformer
Without motor protection

Isolator Switch

Duct Collar
Flexible

Dampers
Automatic

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Universal fan box
The MPC series has three different air outlet possibilities so that both in-line assembly, as well as a 90° direction change can be realized.

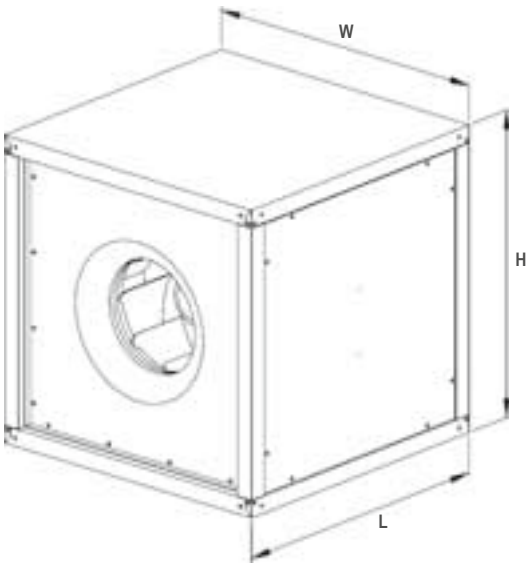
Backward curved radial fan
The utilized backward curved impeller radial fans are insensitive to soiling and have a high efficiency.

High quality housing
The housing is double skin with 30 mm mineral wool insulation. The base is also designed as a pan, to hold smaller amounts of condensate or grease.

- Backward curved centrifugal fan
- Voltage controllable
- Integrated thermal contact
- Maintenance-free, long-life ball bearings
- Galvanized sheet steel housing

Variable outlet direction
As an option the MPC box can be supplied with round spigots, allowing for direct connection to the ducting.

The housing is designed to function as a grease pan
The housing is designed to function as a grease pan, so that small amount of condensation or grease can be safely held back.



Type	ID	U	f	L_{WA5}	η_{fa}	η_t	L	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[%]	[%]	[mm]	[mm]	[mm]	[kg]	
MPC 280 E2N*	104450	230V ~	50	81	43,8	44,4	500	500	500	36,0	121595
MPC 315 E2N*	104568	230V ~	50	82	44,1	44,8	500	500	500	37,9	121595
MPC 400 E4N*	104613	230V ~	50	73	41,1	41,5	700	700	700	64,7	121595
MPC 450 E4N*	104614	230V ~	50	79	44,9	45,3	700	700	700	60,3	121595
MPC 500 E4N*	104615	230V ~	50	79	47,1	47,8	700	700	700	70,5	121595
MPC 560 D4N*	122302	400V 3~	50	83	57,4	57,8	900	900	900	115,0	122307
MPC 630 D4N*	123147	400V 3~	50	87	53,7	54,2	900	900	900		122307

* These types are available with two different spigot sizes too

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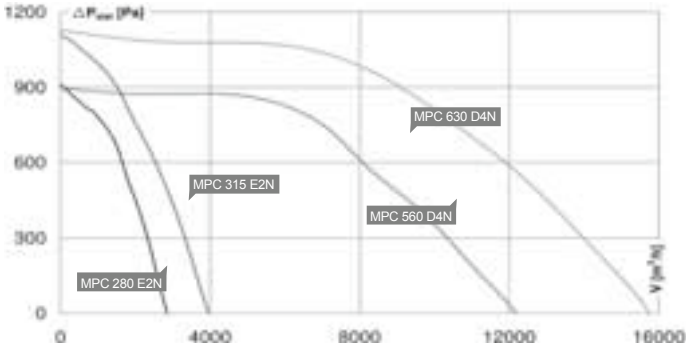

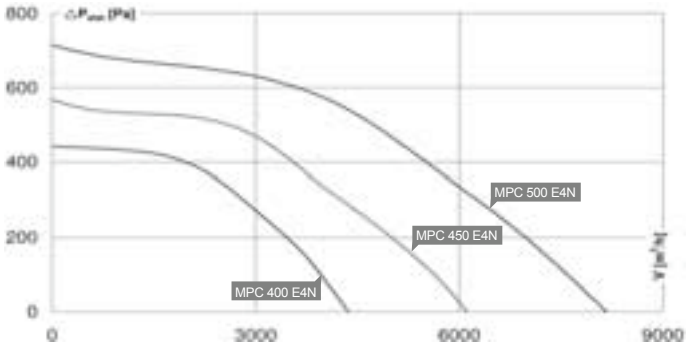

	EUR	EUR	EUR	EUR	EUR
MPC.	**MPC 280 E2N** 770,- ID 104450 230V ~/50Hz 75 °C 2860 m³/h 600 W 4,0 A 81/83/61 db(A) Only Inlet Cone without Flange **TEM 050** ID 103519 225,- **TES 050** ID 103955 98,- **TEM 050G** ID 109966 305,-	**MPC 315 E2N** 790,- ID 104568 230V ~/50Hz 60 °C 3960 m³/h 914 W 5,4 A 82/84/65 db(A) Only Inlet Cone without Flange **TEM 075** ID 103507 265,- **TES 075** ID 103957 146,- **TEM 075G** ID 109988 390,-	**MPC 400 E4N** 950,- ID 104613 230V ~/50Hz 80 °C 4360 m³/h 555 W 3,0 A 73/75/55 db(A) Only Inlet Cone without Flange **TEM 035** ID 103502 210,- **TES 035** ID 103954 80,- **TEM 035G** ID 111580 310,-	**MPC 450 E4N** 1000,- ID 104614 230V ~/50Hz 55 °C 6110 m³/h 800 W 4,3 A 79/82/59 db(A) Only Inlet Cone without Flange **TEM 075** ID 103507 265,- **TES 075** ID 103957 146,- **TEM 075G** ID 109988 390,-	**MPC 500 E4N** 1090,- ID 104615 230V ~/50Hz 50 °C 8170 m³/h 1.320 W 7,6 A 79/82/64 db(A) Only Inlet Cone without Flange **TEM 075** ID 103507 265,- **TES 075** ID 103957 146,- **TEM 075G** ID 109988 390,-
MPC.	**MPC 280 E2N 315** 810,- ID 111863 Flange 315 mm Inlet and outlet side	**MPC 315 E2N 315** 830,- ID 111865 Flange 315 mm Inlet and outlet side	**MPC 400 E4N 400** 1010,- ID 111873 Flange 400 mm Inlet and outlet side	**MPC 450 E4N 450** 1120,- ID 111879 Flange 450 mm Inlet and outlet side	**MPC 500 E4N 450** 1210,- ID 111883 Flange 450 mm Inlet and outlet side
MPC.	**MPC 280 E2N 355** 810,- ID 111864 Flange 355 mm Inlet and outlet side	**MPC 315 E2N 355** 830,- ID 111866 Flange 355 mm Inlet and outlet side	**MPC 400 E4N 450** 1070,- ID 111874 Flange 450 mm Inlet and outlet side	**MPC 450 E4N 500** 1120,- ID 111880 Flange 500 mm Inlet and outlet side	**MPC 500 E4N 500** 1210,- ID 111884 Flange 500 mm Inlet and outlet side
MYSR.	**GS 01** 60,- ID 102787	**GS 01** 60,- ID 102787	**GS 01** 60,- ID 102787	**GS 01** 60,- ID 102787	**GS 01** 60,- ID 102787
MYMPR.	**RD MPC 01** 113,- ID 122538	**RD MPC 01** 113,- ID 122538	**RD MPC 02** 143,- ID 122544	**RD MPC 02** 143,- ID 122544	**RD MPC 02** 143,- ID 122544
MYMPK.	**GR MPC 01** 86,- ID 123430	**GR MPC 01** 86,- ID 123430	**GR MPC 02** 104,- ID 123432	**GR MPC 02** 104,- ID 123432	**GR MPC 02** 104,- ID 123432
MYMPW.	**WSH MPC 01** 72,- ID 123431	**WSH MPC 01** 72,- ID 123431	**WSH MPC 02** 98,- ID 123433	**WSH MPC 02** 98,- ID 123433	**WSH MPC 02** 98,- ID 123433

Specific Accessories
For details see page: 134

Isolator Switch

Rain Cover

Base frame

Weather protection hood

	EUR	EUR			
MPC.	**MPC 560 D4N** 1580,- ID 122302 400V 3~/50Hz 80 °C 12180 m³/h 2.390 W 5,0 A 83/85/66 db(A) Only Inlet Cone without Flange **TDM 060** ID 111557 560,- **TDS 060** ID 113667 262,- **TDM 060G** ID 111571 690,- **FU 22 03** ID 118511 1630,- **FU 22 05** ID 124682 1280,-	**MPC 630 D4N** 1780,- ID 123147 400V 3~/50Hz 50 °C 15750 m³/h 4.077 W 7,7 A 87/89/73 db(A) Only Inlet Cone without Flange **MTP 10** ID 120175 64,- **FU 40 03** ID 121607 1550,- **FU 40 04** ID 121608 2590,-			
MYSR.	**GS 03** 60,- ID 107633	**GS 03** 60,- ID 107633			
MYMPR.	**RD MPC 03** 163,- ID 122551	**RD MPC 03** 163,- ID 122551			
MYMPK.	**GR MPC 03** 120,- ID 123434	**GR MPC 03** 120,- ID 123434			
MYMPW.	**WSH MPC 03** 129,- ID 123435	**WSH MPC 03** 129,- ID 123435			

Specific Accessories
For details see page: 134

Isolator Switch

Rain Cover

Base frame

Weather protection hood

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Motor outside of air stream
In this execution variant of the MPC fan box the motor is separated from the air stream, allowing for use as a kitchen exhaust fan.

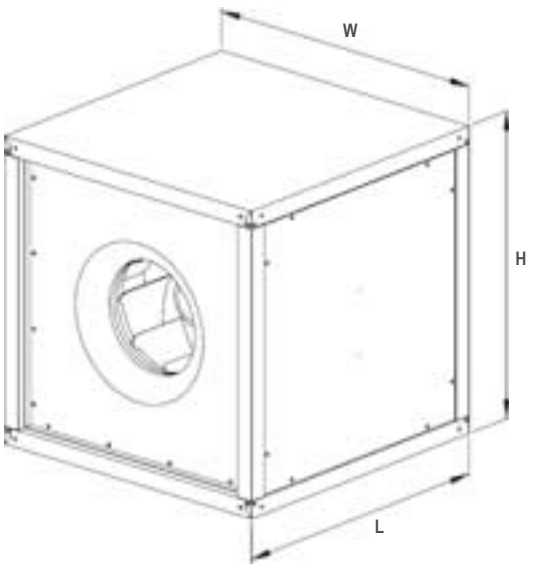
Backward curved radial fan
The utilized backward curved impeller radial fans are insensitive to soiling and have a high efficiency.

- Backward curved centrifugal fan
- Voltage controllable
- Integrated thermal contact
- Maintenance-free, long-life ball bearings
- Galvanized sheet steel housing

Motor separated from the air stream
Two steel sheets separates the motor from the air stream and prevent its soiling.

Motor cover
A cover for the motor is available as an accessory.

The housing is designed to function as a grease pan
The housing is designed to function as a grease pan, so that small amount of condensation or grease can be safely held back.



Type	ID	U	f	L_{WA5}	η_{fa}	η_t	L	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[%]	[%]	[mm]	[mm]	[mm]	[kg]	
MPC 280 E2N-TW*	115721	230V ~	50	81	43,8	44,4	500	500	500	35,1	118871
MPC 315 E2N-TW*	115722	230V ~	50	82	44,1	44,8	500	500	500	37,0	118871
MPC 400 E4N-TW*	115723	230V ~	50	73	41,1	41,5	700	700	700	58,5	118871
MPC 450 E4N-TW*	115724	230V ~	50	79	44,9	45,3	700	700	700	59,5	118871
MPC 500 E4N-TW*	115725	230V ~	50	79	47,1	47,8	700	700	700	71,2	118871
MPC 560 D4N-TW*	122301	400V 3~	50	83	57,4	57,8	900	900	900	115,0	122307
MPC 630 D4N-TW*	123131	400V 3~	50	87	53,7	54,2	900	900	900	114,0	122307

* These types are available with two different spigot sizes too

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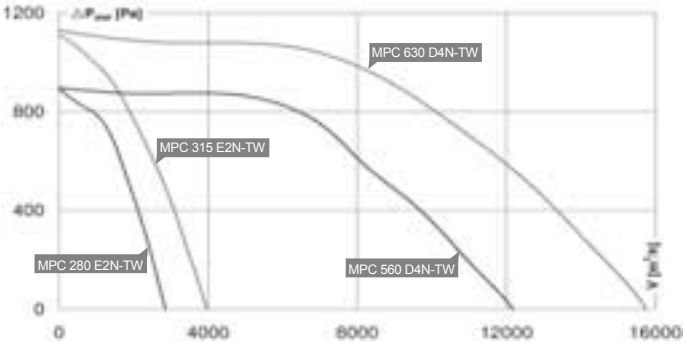

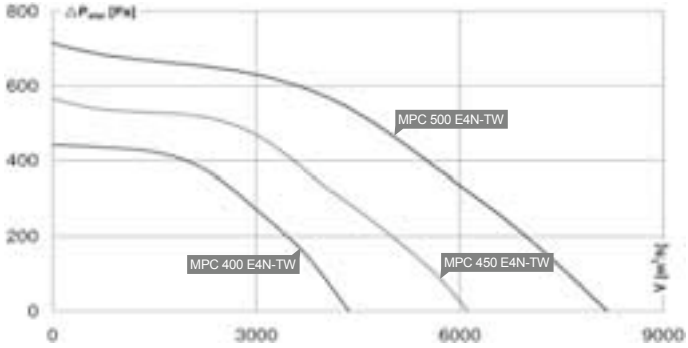

	EUR	EUR	EUR	EUR	EUR
MPCTW.	**MPC 280 E2N-TW** 770,- ID 115721 230V ~/50Hz 75 °C 2860 m³/h 600 W 4,0 A 81/83/72 db(A) Only Inlet Cone without Flange **TEM 050** ID 103519 **225,-** **TES 050** ID 103955 **98,-** **TEM 050G** ID 109966 **305,-**	**MPC 315 E2N-TW** 790,- ID 115722 230V ~/50Hz 80 °C 3960 m³/h 914 W 5,4 A 82/84/76 db(A) Only Inlet Cone without Flange **TEM 075** ID 103507 **265,-** **TES 075** ID 103957 **146,-** **TEM 075G** ID 109988 **390,-**	**MPC 400 E4N-TW** 970,- ID 115723 230V ~/50Hz 80 °C 4360 m³/h 555 W 3,0 A 73/75/68 db(A) Only Inlet Cone without Flange **TEM 035** ID 103502 **210,-** **TES 035** ID 103954 **80,-** **TEM 035G** ID 111580 **310,-**	**MPC 450 E4N-TW** 1060,- ID 115724 230V ~/50Hz 55 °C 6110 m³/h 804 W 4,3 A 79/82/70 db(A) Only Inlet Cone without Flange **TEM 075** ID 103507 **265,-** **TES 075** ID 103957 **146,-** **TEM 075G** ID 109988 **390,-**	**MPC 500 E4N-TW** 1150,- ID 115725 230V ~/50Hz 50 °C 8170 m³/h 1.320 W 7,6 A 79/82/77 db(A) Only Inlet Cone without Flange **TEM 075** ID 103507 **265,-** **TES 075** ID 103957 **146,-** **TEM 075G** ID 109988 **390,-**
MPCTW.	**MPC 280 E2N 315-TW** ID 124139 **810,-**	**MPC 315 E2N 315-TW** ID 124141 **830,-**	**MPC 400 E4N 400-TW** ID 124143 **1030,-**	**MPC 450 E4N 450-TW** ID 124145 **1180,-**	**MPC 500 E4N 450-TW** ID 124147 **1270,-**
MPCTW.	**MPC 280 E2N 355-TW** ID 124140 **810,-**	**MPC 315 E2N 355-TW** ID 124142 **830,-**	**MPC 400 E4N 450-TW** ID 124144 **1090,-**	**MPC 450 E4N 500-TW** ID 124146 **1180,-**	**MPC 500 E4N 500-TW** ID 124148 **1270,-**

Specific Accessories
For details see page: 134

MYSR.	**GS 01** 60,- ID 102787	**GS 01** 60,- ID 102787
MYMPR.	**RD MPC 01** 113,- ID 122538	**RD MPC 01** 113,- ID 122538
MYMPM.	**MB MPC 01** 35,- ID 116411	**MB MPC 01** 35,- ID 116411
MYMPK.	**GR MPC 01** 86,- ID 123430	**GR MPC 01** 86,- ID 123430
MYMPW.	**WSH MPC 01** 72,- ID 123431	**WSH MPC 01** 72,- ID 123431

GS 01 60,- ID 102787	**GS 01** 60,- ID 102787	**GS 01** 60,- ID 102787	**GS 01** 60,- ID 102787
RD MPC 02 143,- ID 122544	**RD MPC 02** 143,- ID 122544	**RD MPC 02** 143,- ID 122544	**RD MPC 02** 143,- ID 122544
MB MPC 02 43,- ID 116410	**MB MPC 02** 43,- ID 116410	**MB MPC 02** 43,- ID 116410	**MB MPC 02** 43,- ID 116410
GR MPC 02 104,- ID 123432	**GR MPC 02** 104,- ID 123432	**GR MPC 02** 104,- ID 123432	**GR MPC 02** 104,- ID 123432
WSH MPC 02 98,- ID 123433	**WSH MPC 02** 98,- ID 123433	**WSH MPC 02** 98,- ID 123433	**WSH MPC 02** 98,- ID 123433

Isolator Switch

Rain Cover

Motor protection shield

Base frame

Weather protection hood

	EUR	EUR			
MPC.	**MPC 560 D4N-TW** 1580,- ID 122301 400V 3~/50Hz 80 °C 12180 m³/h 2.390 W 5,0 A 83/85/78 db(A) Only Inlet Cone without Flange **TDM 060** ID 111557 **560,-** **TDS 060** ID 113667 **262,-** **TDM 060G** ID 111571 **690,-** **FU 22 03** ID 118511 **1630,-** **FU 22 05** ID 124682 **1280,-**	**MPC 630 D4N-TW** 1780,- ID 123131 400V 3~/50Hz 60 °C 15750 m³/h 4.077 W 7,7 A 87/89/80 db(A) Only Inlet Cone without Flange **MTP 10** ID 120175 **64,-** **FU 40 03** ID 121607 **1550,-** **FU 40 04** ID 121608 **2590,-**			
MYSR.	**GS 03** 60,- ID 107633	**GS 03** 60,- ID 107633			
MYMPR.	**RD MPC 03** 163,- ID 122551	**RD MPC 03** 163,- ID 122551			
MYMPM.	**MB MPC 03** 62,- ID 122305	**MB MPC 03** 62,- ID 122305			
MYMPK.	**GR MPC 03** 120,- ID 123434	**GR MPC 03** 120,- ID 123434			
MYMPW.	**WSH MPC 03** 129,- ID 123435	**WSH MPC 03** 129,- ID 123435			

Specific Accessories
For details see page: 134

Isolator Switch

Rain Cover

Motor protection shield

Base frame

Weather protection hood

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Motor outside of air stream

The MPS series has been designed and developed specifically for the harsh operating conditions of a kitchen extract fan. The motor is in accordance to VDI separated from the air stream.

Backward curved impeller radial fans bring double benefits

The utilized backward curved impeller radial fans are insensitive to grease deposits. Furthermore, the impeller have a higher efficiency, so that the operating costs and investment costs of the transformer control device significantly lower.

Variable outlet connection

By repositioning the door hinges horizontal discharge is also possible.

- Backward curved centrifugal fan
- Voltage controllable
- Integrated thermal contact
- Maintenance-free, long-life ball bearings
- Galvanized sheet steel housing

230 V 1PH motors

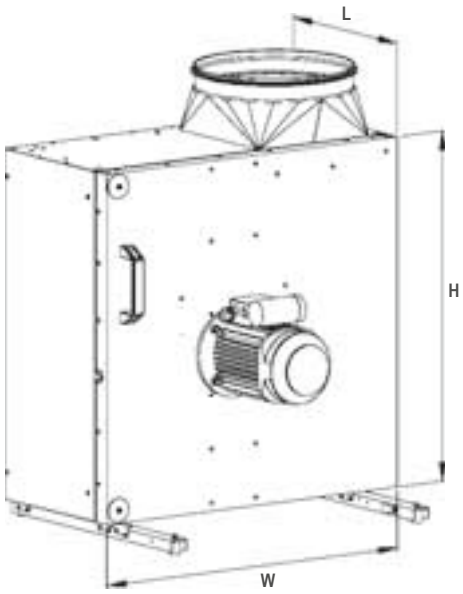
The whole series is supplied with voltage controllable, robust 1PH AC motors.

Variable outlet direction

There are 3 possible outlet positions. The conversion can be made on site.

The housing is designed to function as a grease pan

The housing is designed to function as a grease pan and is fitted with ¾" drain (Functions only with vertical discharge).



Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	L	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[mm]	[kg]	
MPS 200 E2	106142	230V ~	50	70	80	40,1	44,8	286	484	484	29,0	121595
MPS 250 E2	104181	230V ~	50	66	82	45,0	48,0	286	584	584	40,0	121595
MPS 315 E2	105263	230V ~	50	70	82	50,0	53,0	336	684	684	50,0	121595
MPS 315 E2L	106264	230V ~	50	75	88	48,8	51,5	336	684	684	54,0	121595
MPS 355 E4	104101	230V ~	50	68	76	43,0	48,0	386	784	784	63,0	121595
MPS 400 E4	105260	230V ~	50	69	78	49,9	53,8	436	884	884	70,0	121595
MPS 400 D4	122558	400V 3~	50	73	83	47,0	54,0	436	884	884	100,0	122307

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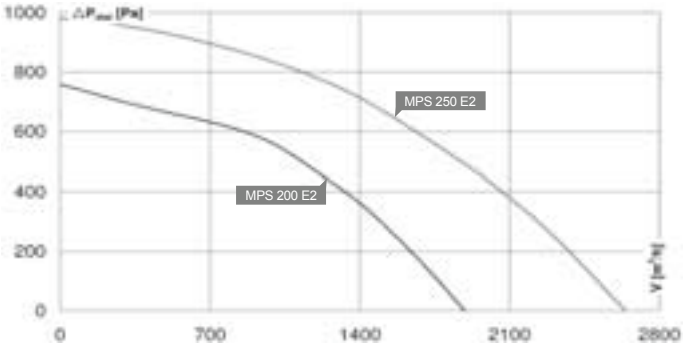

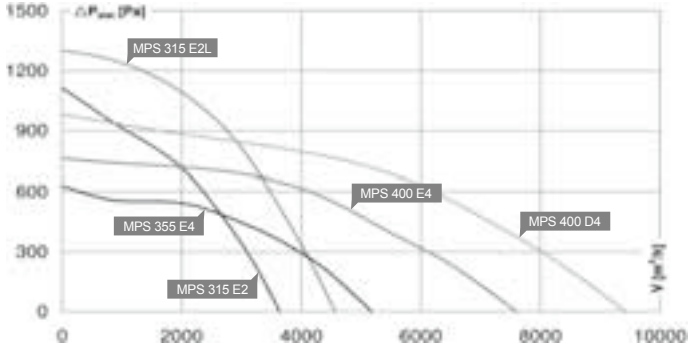

	200 mm	EUR	250 mm	EUR	315 mm	EUR	355 mm	EUR	400 mm	EUR
MPSS.	**MPS 200 E2** ID 106142 230V ~/50Hz 120 °C 1890 m³/h 370 W 2,6 A 80/80/70 db(A) **TEM 035** ID 103502 **210,-** **TES 035** ID 103954 **80,-** **TEM 035G** ID 111580 **310,-**	**890,-**	**MPS 250 E2** ID 104181 230V ~/50Hz 120 °C 2640 m³/h 620 W 4,0 A 82/83/66 db(A) **TEM 050** ID 103519 **225,-** **TES 050** ID 103955 **98,-** **TEM 050G** ID 109966 **305,-**	**1030,-**	**MPS 315 E2** ID 105263 230V ~/50Hz 120 °C 3930 m³/h 940 W 5,5 A 82/81/70 db(A) **TEM 075** ID 103507 **265,-** **TES 075** ID 103957 **146,-** **TEM 075G** ID 109988 **390,-**	**1190,-**	**MPS 355 E4** ID 104101 230V ~/50Hz 120 °C 5180 m³/h 820 W 4,5 A 76/77/68 db(A) **TEM 075** ID 103507 **265,-** **TES 075** ID 103957 **146,-** **TEM 075G** ID 109988 **390,-**	**1530,-**	**MPS 400 E4** ID 105260 230V ~/50Hz 120 °C 7610 m³/h 1.324 W 7,5 A 78/79/69 db(A) **TEM 075** ID 103507 **265,-** **TES 075** ID 103957 **146,-** **TEM 075G** ID 109988 **390,-**	**1780,-**
MPSS.					**MPS 315 E2L** ID 106264 230V ~/50Hz 120 °C 4480 m³/h 1.380 W 8,1 A 88/87/75 db(A) **TEM 100** ID 103511 **420,-** **TES 100** ID 103958 **140,-** **TEM 100G** ID 109069 **560,-**	**1480,-**			**MPS 400 D4** ID 122558 400V 3~/50Hz 120 °C 9420 m³/h 2.100 W 4,5 A 83/84/73 db(A) **TDM 060** ID 111557 **560,-** **TDS 060** ID 113667 **262,-** **TDM 060G** ID 111571 **690,-** **FU 22 03** ID 118511 **1630,-** **FU 22 05** ID 124682 **1280,-**	**2060,-**
MYSR.	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**
MYMPW.	**WSH MPS** ID 103661	**34,-**	**WSH MPS** ID 103661	**34,-**	**WSH MPS** ID 103661	**34,-**	**WSH MPS** ID 103661	**34,-**	**WSH MPS** ID 103661	**34,-**
MYMPK.	**WK MPS 01** ID 107194	**74,-**	**WK MPS 01** ID 107194	**74,-**	**WK MPS 01** ID 107194	**74,-**	**WK MPS 01** ID 107194	**74,-**	**WK MPS 05** ID 107195	**78,-**
MYMRV.	**VM 200** ID 102650	**16,-**	**VM 250** ID 102651	**19,-**	**VM 315** ID 102652	**21,-**	**VM 355** ID 102653	**24,-**	**VM 400** ID 102654	**25,-**

Specific Accessories
For details see page: 134

TEM . . .
5-Step Transformer
With motor protection

TES . . .
7-Step Transformer
Without motor protection

TEM . . . G
5-Step Transformer
With motor protection and contact for gas solenoid

TDM . . .
5-Step Transformer
With motor protection

TDS . . .
7-Step Transformer
Without motor protection, for V-connection (Switch Cabinet)

TDM . . . G
5-Step Transformer
With motor protection

FU . . .
Frequency Converter

Isolator Switch

Weather protection hood
For motor

Wall bracket
1 Set = 2 pcs.

Fast Clamps
1 Set = 2 pcs.

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Drive motor with integrated frequency converter

The integrated frequency converter reduces power consumption in the motor partial-load range. Also, with it a very elegant constant pressure control concepts can be realized.

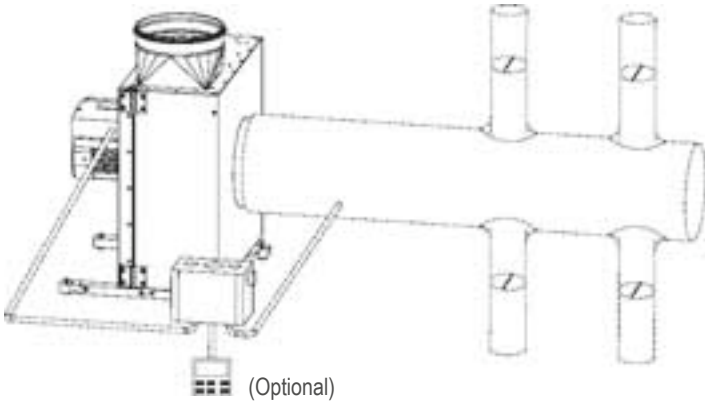
Motor outside of air stream

The MPS series has been designed specifically for the harsh operating conditions of an exhaust fan. The motor is placed outside the air stream.

Backward curved impeller radial fans bring double benefits

The utilized backward curved impeller radial fans are insensitive to grease deposits. Furthermore, the impeller have a higher efficiency, so that the operating costs and investment costs of the transformer control device significantly lower.

- Backward curved centrifugal fan
- Speed control by means of frequency converter
- Maintenance-free, long-life ball bearings
- Galvanized sheet steel housing



(Optional)

Integrated frequency converter IP54

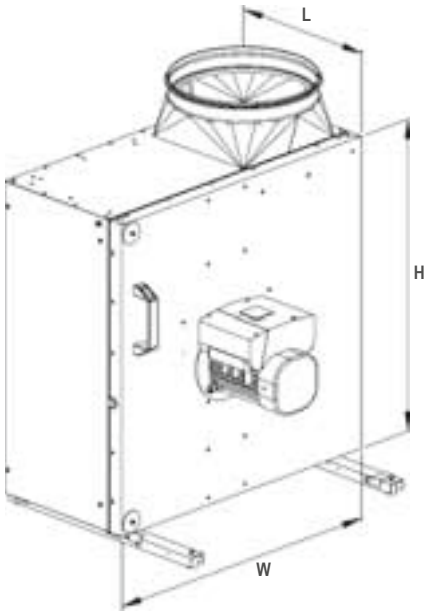
The frequency converter is built on the motor.

Constant pressure control (optional)

By means of a constant pressure regulator the duct pressure, independent of connected consumers can be kept constant. The duct pressure can be adjusted through a potentiometer or optional through a digital control panel.

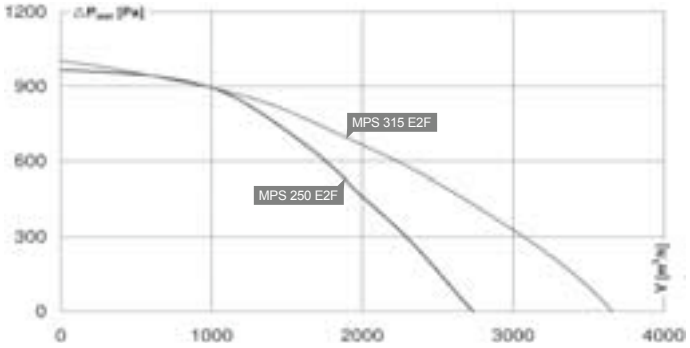
The housing is designed to function as a grease pan

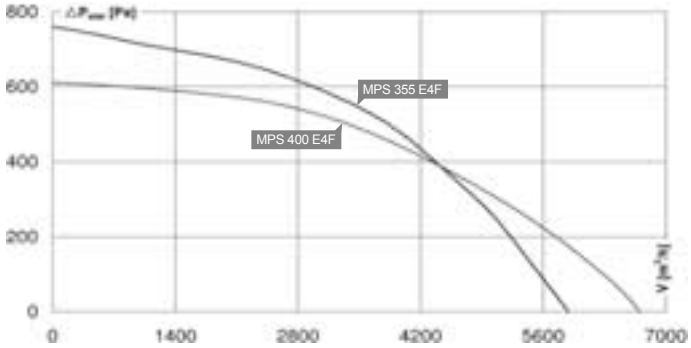
The housing is designed to function as a grease pan and is fitted with ¾" drain (Functions only with vertical discharge).



Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	L	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[mm]	[kg]	
MPS 250 E2F	112056	230V ~	50	68	80	43,0	46,0	286	584	584	40,0	116647
MPS 315 E2F	112061	230V ~	50	69	80	44,8	47,3	336	684	684	50,0	116647
MPS 355 E4F	112064	230V ~	50	72	81	42,0	47,0	386	784	784	63,0	116647
MPS 400 E4F	112067	230V ~	50	65	77	44,2	47,9	436	884	884	70,0	116647

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br





	250 mm	EUR	315 mm	EUR	355 mm	EUR	400 mm	EUR
MPSF.	**MPS 250 E2F** ID 112056 230V ~/50Hz 120 °C 2730 m³/h 690 W 3,3 A 80/81/68 db(A)	**2150,-**	**MPS 315 E2F** ID 112061 230V ~/50Hz 120 °C 3660 m³/h 828 W 3,9 A 80/81/69 db(A)	**2290,-**	**MPS 355 E4F** ID 112064 230V ~/50Hz 120 °C 5890 m³/h 1.260 W 5,9 A 81/80/72 db(A)	**2800,-**	**MPS 400 E4F** ID 112067 230V ~/50Hz 120 °C 6700 m³/h 1.080 W 5,2 A 77/75/65 db(A)	**2980,-**

Specific Accessories
For details see page: 134

MYSR.	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**
MYMPW.	**WSH MPS** ID 103661	**34,-**	**WSH MPS** ID 103661	**34,-**	**WSH MPS** ID 103661	**34,-**	**WSH MPS** ID 103661	**34,-**
MYMPK.	**WK MPS 01** ID 107194	**74,-**	**WK MPS 01** ID 107194	**74,-**	**WK MPS 01** ID 107194	**74,-**	**WK MPS 05** ID 107195	**78,-**
MYMRV.	**VM 250** ID 102651	**19,-**	**VM 315** ID 102652	**21,-**	**VM 355** ID 102653	**24,-**	**VM 400** ID 102654	**25,-**
MYSC.	**CON P1000** ID 115259	**410,-**	**CON P1000** ID 115259	**410,-**	**CON P1000** ID 115259	**410,-**	**CON P1000** ID 115259	**410,-**
MYSB.	**BDT KLIMA** ID 117836	**160,-**	**BDT KLIMA** ID 117836	**160,-**	**BDT KLIMA** ID 117836	**160,-**	**BDT KLIMA** ID 117836	**160,-**
MYSE.	**MTP 10** ID 120175	**64,-**	**MTP 10** ID 120175	**64,-**	**MTP 10** ID 120175	**64,-**	**MTP 10** ID 120175	**64,-**

Isolator Switch

Weather protection hood
For motor

Wall bracket
1 Set = 2 pcs.

Fast Clamps
1 Set = 2 pcs.

Constant pressure control

Remote control

Potentiometer

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Universal

All fans with 4 speed motor. Fans usable for different kitchen hood controls.

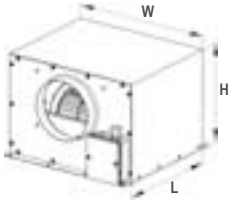
- For controls with transformator
- For controls with different outputs

Casing stainless steel

Part of the outer casing are made of brushed stainless steal (1.4301). At AWG and ZDG the edges are welded and brushed.

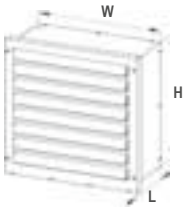
ZKG Fan box

Exhaust fan box for mounting on roof spaces or ceiling void installation. Casing made of steel zink.



IWG Fan box

Fan for wall mounting. Outlet grille made of brushed stainless steel. Mounting has to be even with outer wall.

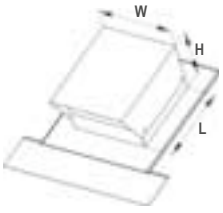


AWG Fan box

Fan box for mounting onto the outer wall. Fixing screws and impeller are covered by a hood of brushed stainless steel.

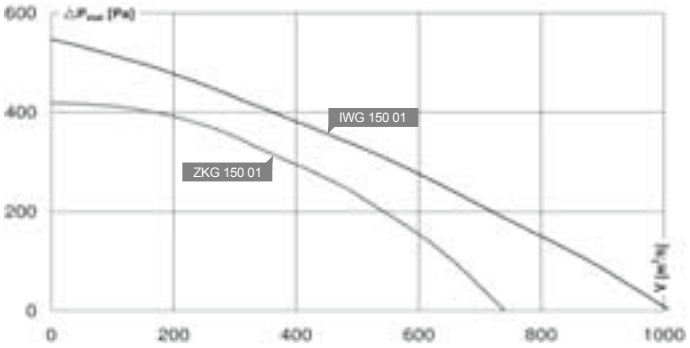
ZDG Roof tile fan

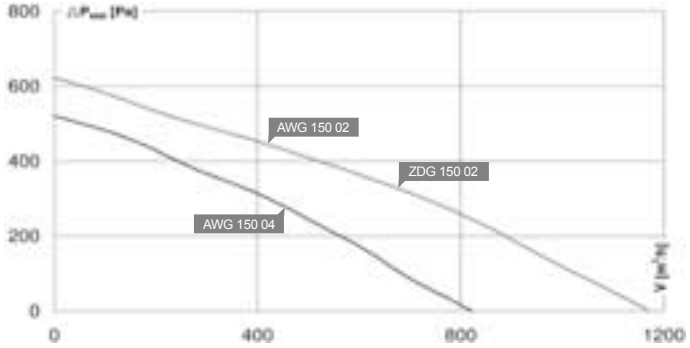
For mounting on a tile roof. Part of the outer casing is made of brushed stainless steal. Roof boarding made of stainless steel with lead lining.



Type	ID	U	f	L_{WA2}	L_{WA5}	η_{fa}	η_t	L	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[mm]	[kg]	
ZKG 150 01	113268	230V ~	50	72	67	22,2	24,1	286	350	249	8,5	123219
IWG 150 01	113243	230V ~	50	77	72	22,3	22,3	190	400	400	11,7	123219
AWG 150 02	112116	230V ~	50		73	29,4	30,4	154	412	384	10,9	123219
AWG 150 04	120915	230V ~	50		72	25,2	26,6	143	300	300	7,2	123219
ZDG 150 02	116767	230V ~	50	75	73	29,3	30,4	392	384	277	20,0	123219

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br





MPK.	EUR	MPI.	EUR	MPA.	EUR	MPZ.	EUR
ZKG 150 01 ID 113268 230V ~/50Hz 70 °C 740 m³/h 190 W 0,9 A 67/72/- db(A)	**312,-**	**IWG 150 01** ID 113243 230V ~/50Hz 35 °C 1010 m³/h 200 W 0,9 A 72/77/- db(A)	**456,-**	**AWG 150 02** ID 112116 230V ~/50Hz 40 °C 1170 m³/h 210 W 1,0 A 73/75/- db(A)	**552,-**	**ZDG 150 02** ID 116767 230V ~/50Hz 40 °C 1170 m³/h 210 W 1,0 A 73/75/- db(A)	**936,-**
				AWG 150 04 ID 120915 230V ~/50Hz 70 °C 820 m³/h 130 W 0,6 A 72/75/- db(A)	**384,-**		

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

Backward curved centrifugal fan

The utilized backward curved impeller radial fans are insensitive to soiling and have a high efficiency.

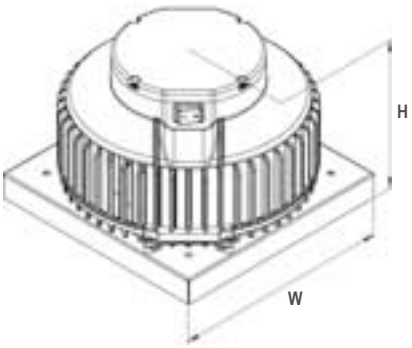
- Backward curved centrifugal fan
- Speed controllable
- Integrated thermal switch
- Maintenance-free ball bearings

Intergrated isolator switch

The ventilator can be switched off for maintenance by an intergrated isolator switch.

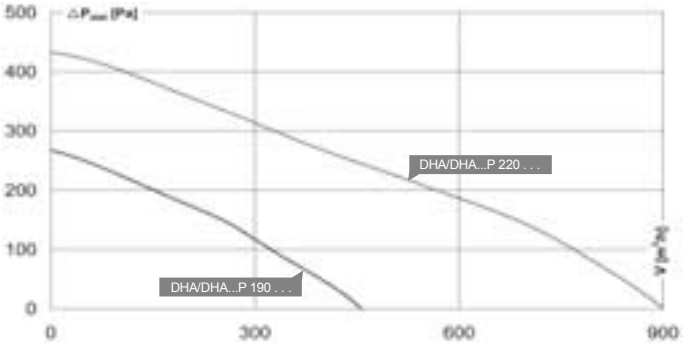
Swing out

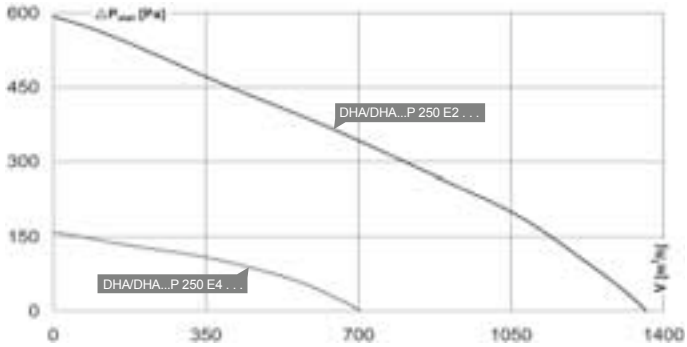
The fan section can be lifted up for maintenance purposes.



Type	ID	U	f	L_{WA2}/L_{WA6}	L_{WA5}	η_{fa}	η_t	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[kg]	
DHA 190 E2 01	123014	230V ~	50	74	67	14,1	14,1	321	223	4,5	118787
DHA 220 E2 01	123012	230V ~	50	77	71	25,9	28,1	321	223	5,0	118792
DHA 250 E4 01	123401	230V ~	50	64	60	17,9	18,3	321	223	6,0	118792
DHA 250 E2 01	123010	230V ~	50	81	75	28,9	29,4	321	223	6,0	118792
DHA 190 E2P 01	123314	230V ~	50	74	67	14,1	14,1	321	223	4,5	124454
DHA 220 E2P 01	123316	230V ~	50	77	71	25,9	28,1	321	223	5,0	124461
DHA 250 E4P 01	123403	230V ~	50	64	60	17,9	18,3	321	223	6,0	124461
DHA 250 E2P 01	123318	230V ~	50	81	75	28,9	29,4	321	223	6,0	124461

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br





		EUR		EUR		EUR		EUR
MDAS.	**DHA 190 E2 01** ID 123014 230V ~/50Hz 45 °C 460 m³/h 70 W 0,3 A 67/74/- db(A) **GS 01** ID 102787	**178,-** **60,-**	**DHA 220 E2 01** ID 123012 230V ~/50Hz 45 °C 900 m³/h 112 W 0,5 A 71/77/- db(A) **GS 01** ID 102787	**186,-** **60,-**	**DHA 250 E4 01** ID 123401 230V ~/50Hz 50 °C 700 m³/h 60 W 0,4 A 60/64/- db(A) **GS 01** ID 102787	**236,-** **60,-**	**DHA 250 E2 01** ID 123010 230V ~/50Hz 45 °C 1360 m³/h 210 W 1,0 A 75/81/- db(A) **GS 01** ID 102787	**236,-** **60,-**
MDAR.	**DHA 190 E2P 01** ID 123314 230V ~/50Hz 45 °C 460 m³/h 70 W 0,3 A 67/74/- db(A)	**195,-**	**DHA 220 E2P 01** ID 123316 230V ~/50Hz 45 °C 900 m³/h 112 W 0,5 A 71/77/- db(A)	**204,-**	**DHA 250 E4P 01** ID 123403 230V ~/50Hz 50 °C 700 m³/h 60 W 0,4 A 60/64/- db(A)	**254,-**	**DHA 250 E2P 01** ID 123318 230V ~/50Hz 45 °C 1360 m³/h 210 W 1,0 A 75/81/- db(A)	**254,-**

Specific Accessories
For details see page: 134

MYSS.	**TEE 015** ID 115893	**143,-**	**TEE 015** ID 115893	**143,-**	**TEE 015** ID 115893	**143,-**	**TEE 015** ID 115893	**143,-**
MYSO.	**TES 0145** ID 111858	**48,-**	**TES 0145** ID 111858	**48,-**	**TES 0145** ID 111858	**48,-**	**TES 0145** ID 111858	**48,-**
MYMDF.	**DSF 220** ID 109552	**128,-**	**DSF 220** ID 109552	**128,-**	**DSF 220** ID 109552	**128,-**	**DSF 220** ID 109552	**128,-**
MYMDS.	**DSS 220** ID 111323	**232,-**	**DSS 220** ID 111323	**232,-**	**DSS 220** ID 111323	**232,-**	**DSS 220** ID 111323	**232,-**
MYMDA.	**DAF 180** ID 110744	**12,-**	**DAF 180** ID 110744	**12,-**	**DAF 180** ID 110744	**12,-**	**DAF 180** ID 110744	**12,-**
MYMDN.	**DAS 180** ID 110745	**62,-**	**DAS 180** ID 110745	**62,-**	**DAS 180** ID 110745	**62,-**	**DAS 180** ID 110745	**62,-**
MYMDV.	**DVK 180** ID 104800	**48,-**	**DVK 180** ID 104800	**48,-**	**DVK 180** ID 104800	**48,-**	**DVK 180** ID 104800	**48,-**

5-Step Transformer
Without motor protection

7-Step Transformer
Without motor protection

Flat Roof Socket

Socket Silencer

Inlet Flange

Inlet Collar

Shutter automatic
Automatic

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

NEW

Backward curved centrifugal fan

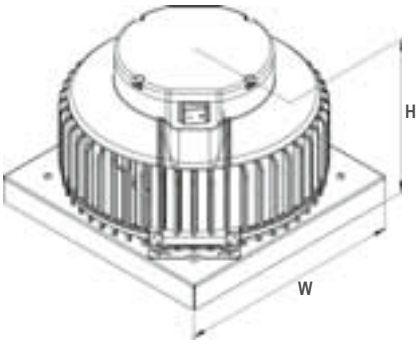
The utilized backward curved impeller radial fans are insensitive to soiling and have a high efficiency.

Intergrated isolator switch

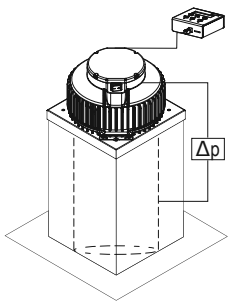
The ventilator can be switched off for maintenance by an intergrated isolator switch.

Swing out

The fan section can be lifted up for maintenance purposes.



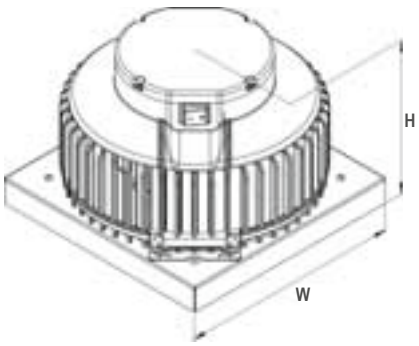
Type	ID	U	f	L_{WA2}/L_{WA6}	L_{WA5}	η_{fa}	η_t	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[kg]	
DHA 190 ECP 01	124757	230V ~	50	73	69	36,7	36,8	321	223		124844
DHA 220 ECP 01	124759	230V ~	50	76	72	41,5	41,8	321	223		124844
DHA 250 ECP 01	124959	230V ~	50	80	74	47,6	48,3	321	242		124844



Integrated constant pressure control

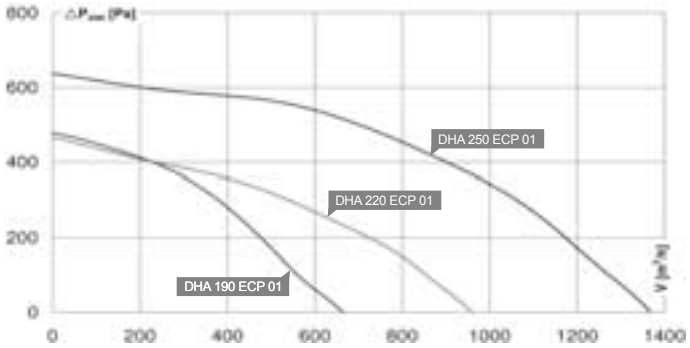
The required pressure can be adjusted directly via the controller.

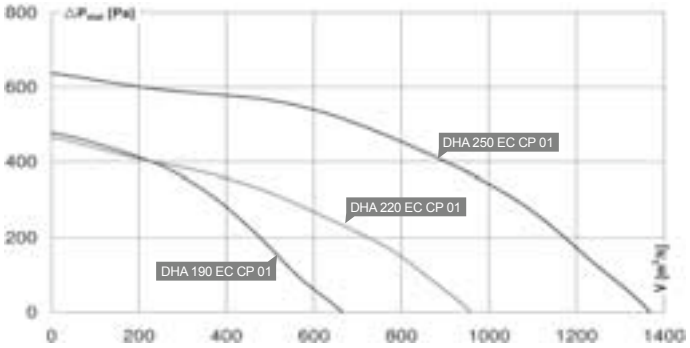
Optional remote control unit!



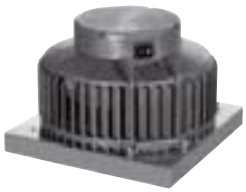
Type	ID	U	f	L_{WA2}/L_{WA6}	L_{WA5}	η_{fa}	η_t	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[kg]	
DHA 190 EC CP 01	125189	230V ~	50	73	69	36,7	36,8	321	223		125223
DHA 220 EC CP 01	125208	230V ~	50	76	72	41,5	41,8	321	223		125223
DHA 250 EC CP 01	125211	230V ~	50	80	74	47,6	48,3	321	242		125223

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br





	EUR	EUR	EUR	EUR
MDAR.	**DHA 190 ECP 01** 470,- ID 124757 230V ~/50Hz 80 °C 665 m³/h 81 W 0,7 A 69/73/- db(A)	**DHA 220 ECP 01** 480,- ID 124759 230V ~/50Hz 80 °C 960 m³/h 104 W 0,9 A 72/76/- db(A)	**DHA 250 ECP 01** 560,- ID 124959 230V ~/50Hz 80 °C 1370 m³/h 201 W 1,7 A 74/80/- db(A)	
MYSE.	**MTP 10** 64,- ID 120175	**MTP 10** 64,- ID 120175	**MTP 10** 64,- ID 120175	
MYMDF.	**DSF 220** 128,- ID 109552	**DSF 220** 128,- ID 109552	**DSF 220** 128,- ID 109552	
MYMDS.	**DSS 220** 232,- ID 111323	**DSS 220** 232,- ID 111323	**DSS 220** 232,- ID 111323	
MYMDA.	**DAF 180** 12,- ID 110744	**DAF 180** 12,- ID 110744	**DAF 180** 12,- ID 110744	
MYMDN.	**DAS 180** 62,- ID 110745	**DAS 180** 62,- ID 110745	**DAS 180** 62,- ID 110745	
MYMDV.	**DVK 180** 48,- ID 104800	**DVK 180** 48,- ID 104800	**DVK 180** 48,- ID 104800	



Specific Accessories
For details see page: 134

Potentiometer

Flat Roof Socket

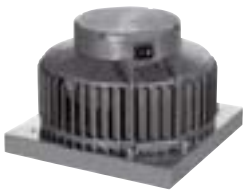
Socket Silencer

Inlet Flange

Inlet Collar

Shutter automatic
Automatic

	EUR	EUR	EUR		
MDAR.	**DHA 190 EC CP 01** 670,- ID 125189 230V ~/50Hz 80 °C 665 m³/h 81 W 0,7 A 69/73/- db(A)	**DHA 220 EC CP 01** 680,- ID 125208 230V ~/50Hz 80 °C 960 m³/h 104 W 0,9 A 72/76/- db(A)	**DHA 250 EC CP 01** 760,- ID 125211 230V ~/50Hz 80 °C 1370 m³/h 201 W 1,7 A 74/80/- db(A)		
MYSB.	**BDT KLIMA** 160,- ID 117836	**BDT KLIMA** 160,- ID 117836	**BDT KLIMA** 160,- ID 117836		
MYMDF.	**DSF 220** 128,- ID 109552	**DSF 220** 128,- ID 109552	**DSF 220** 128,- ID 109552		
MYMDS.	**DSS 220** 232,- ID 111323	**DSS 220** 232,- ID 111323	**DSS 220** 232,- ID 111323		
MYMDA.	**DAF 180** 12,- ID 110744	**DAF 180** 12,- ID 110744	**DAF 180** 12,- ID 110744		
MYMDN.	**DAS 180** 62,- ID 110745	**DAS 180** 62,- ID 110745	**DAS 180** 62,- ID 110745		
MYMDV.	**DVK 180** 48,- ID 104800	**DVK 180** 48,- ID 104800	**DVK 180** 48,- ID 104800		



Specific Accessories
For details see page: 134

Flat Roof Socket

Socket Silencer

Inlet Flange

Inlet Collar

Shutter automatic
Automatic

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

Backward curved centrifugal fan

The utilized backward curved impeller radial fans are insensitive to soiling and have a high efficiency.

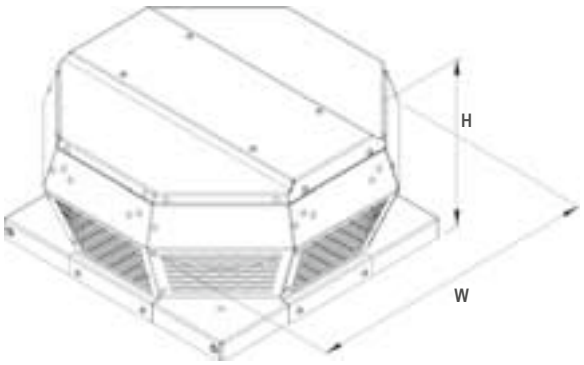
- Backward curved centrifugal fan
- Speed controllable
- Integrated thermal switch
- Maintenance-free ball bearings

Bird and shock proctection

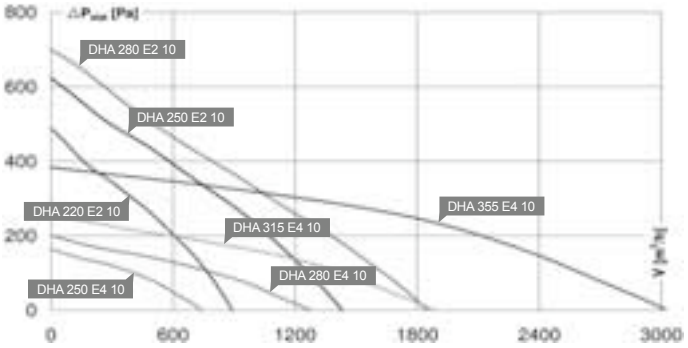
The outlet protection grille decreases soiling through leaves and birds.

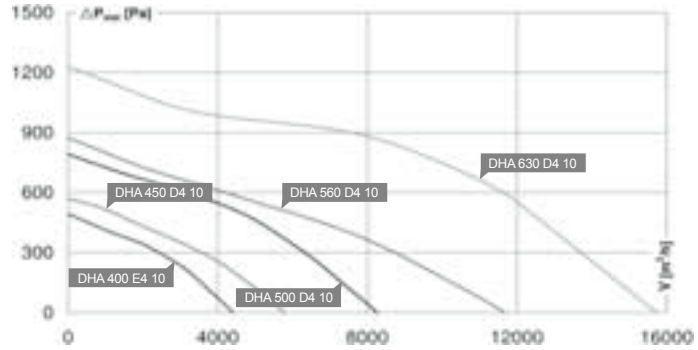
High quality housing

The housing is elegant and solidly manufactured.



Type	ID	U	f	L_{WA2}/L_{WA6}	L_{WA5}	η_{fa}	η_t	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[kg]	
DHA 220 E2 10	123766	230V ~	50	71	67	29,9	30,1	388	190	5,0	116450
DHA 250 E4 10	123768	230V ~	50	61	56	18,1	18,5	388	190		116450
DHA 250 E2 10	123816	230V ~	50	77	71	32,5	33,2	388	190	6,3	116450
DHA 280 E4 10	123960	230V ~	50	65	59	25,4	25,9	541	249		116450
DHA 280 E2 10	123770	230V ~	50	72	69	31,3	31,6	541	249		116450
DHA 315 E4 10	123772	230V ~	50	65	61	34,7	35,8	541	249		116450
DHA 355 E4 10	123774	230V ~	50	68	64	40,2	40,4	745	333	19,5	124440
DHA 400 E4 10	123776	230V ~	50	70	65	44,6	45,1	745	333	20,0	124440
DHA 450 D4 10	123384	400V 3~	50	73	68	43,1	43,8	860	418		124438
DHA 500 D4 10	123386	400V 3~	50	78	74	51,9	53,1	860	418	40,0	124438
DHA 560 D4 10	123392	400V 3~	50	77	73	45,7	46,2	1165	527		124438
DHA 630 D4 10	123394	400V 3~	50	87	84	55,2	55,7	1165	527		124438





	EUR	EUR	EUR	EUR	EUR
MDAS.		**DHA 250 E4 10** 265,- ID 123768 230V ~/50Hz 50 °C 740 m³/h 61 W 0,4 A 56/61/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-** **GS 01** ID 102787 **60,-**	**DHA 280 E4 10** 365,- ID 123960 230V ~/50Hz 70 °C 1270 m³/h 86 W 0,4 A 59/65/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-** **GS 01** ID 102787 **60,-**	**DHA 315 E4 10** 425,- ID 123772 230V ~/50Hz 70 °C 1890 m³/h 125 W 0,6 A 61/65/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-** **GS 01** ID 102787 **60,-**	**DHA 355 E4 10** 830,- ID 123774 230V ~/50Hz 60 °C 3030 m³/h 290 W 2,1 A 64/68/- db(A) **TEM 035** ID 103502 **210,-** **TES 035** ID 103954 **80,-** **GS 01** ID 102787 **60,-**
MDAS.	**DHA 220 E2 10** 235,- ID 123766 230V ~/50Hz 60 °C 890 m³/h 110 W 0,6 A 67/71/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-** **GS 01** ID 102787 **60,-**	**DHA 250 E2 10** 265,- ID 123816 230V ~/50Hz 50 °C 1430 m³/h 210 W 1,0 A 71/77/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-** **GS 01** ID 102787 **60,-**	**DHA 280 E2 10** 365,- ID 123770 230V ~/50Hz 70 °C 1850 m³/h 280 W 1,3 A 69/72/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-** **GS 01** ID 102787 **60,-**		
MYMDF.	**DSF 220** 128,- ID 109552	**DSF 220** 128,- ID 109552	**DSF 280** 164,- ID 109593	**DSF 280** 164,- ID 109593	**DSF 355** 212,- ID 109619
MYMDS.	**DSS 220** 232,- ID 111323	**DSS 220** 232,- ID 111323	**DSS 280** 266,- ID 111352	**DSS 280** 266,- ID 111352	**DSS 355** 380,- ID 111353
MYMDA.	**DAF 180** 12,- ID 110744	**DAF 180** 12,- ID 110744	**DAF 250** 19,- ID 110585	**DAF 250** 19,- ID 110585	**DAF 400** 31,- ID 109826
MYMDN.	**DAS 180** 62,- ID 110745	**DAS 180** 62,- ID 110745	**DAS 250** 85,- ID 109413	**DAS 250** 85,- ID 109413	**DAS 400** 94,- ID 109827
MYMDV.	**DVK 180** 48,- ID 104800	**DVK 180** 48,- ID 104800	**DVK 250** 71,- ID 109233	**DVK 250** 71,- ID 109233	**DVK 400** 77,- ID 109213

Specific Accessories
For details see page: 134

Flat Roof Socket

Socket Silencer

Inlet Flange

Inlet Collar

Shutter automatic
Automatic

	EUR	EUR	EUR	EUR	EUR
MDAS.	**DHA 400 E4 10** 860,- ID 123776 230V ~/50Hz 60 °C 4390 m³/h 430 W 2,4 A 65/70/- db(A) **TEM 035** ID 103502 **210,-** **TES 035** ID 103954 **80,-** **GS 01** ID 102787 **60,-**	**DHA 450 D4 10** 1020,- ID 123384 400V 3~/50Hz 55 °C 5790 m³/h 640 W 1,3 A 68/73/- db(A) **TDM 025** ID 107628 **360,-** **TDS 025** ID 113663 **155,-** **GS 03** ID 107633 **60,-**	**DHA 500 D4 10** 1270,- ID 123386 400V 3~/50Hz 60 °C 8260 m³/h 1.170 W 2,5 A 74/78/- db(A) **TDM 025** ID 107628 **360,-** **TDS 025** ID 113663 **155,-** **GS 03** ID 107633 **60,-**	**DHA 560 D4 10** 1550,- ID 123392 400V 3~/50Hz 50 °C 11670 m³/h 1.790 W 3,6 A 73/77/- db(A) **TDM 040** ID 111556 **430,-** **TDS 040** ID 113666 **196,-** **GS 03** ID 107633 **60,-**	**DHA 630 D4 10** 2510,- ID 123394 400V 3~/50Hz 60 °C 15740 m³/h 3.660 W 8,5 A 84/87/- db(A) **TDM 110** ID 111559 **950,-** **TDS 110** ID 113670 **390,-** **GS 03** ID 107633 **60,-**
MYMDF.	**DSF 355** 212,- ID 109619	**DSF 450** 224,- ID 109784	**DSF 450** 224,- ID 109784	**DSF 560** 380,- ID 122314	**DSF 560** 380,- ID 122314
MYMDS.	**DSS 355** 380,- ID 111353	**DSS 450** 420,- ID 111354	**DSS 450** 420,- ID 111354	**DSS 560** 590,- ID 122313	**DSS 560** 590,- ID 122313
MYMDA.	**DAF 400** 31,- ID 109826	**DAF 400** 31,- ID 109826	**DAF 400** 31,- ID 109826	**DAF 560** 45,- ID 122288	**DAF 560** 45,- ID 122288
MYMDN.	**DAS 400** 94,- ID 109827	**DAS 400** 94,- ID 109827	**DAS 400** 94,- ID 109827	**DAS 560** 108,- ID 122287	**DAS 560** 108,- ID 122287
MYMDV.	**DVK 400** 77,- ID 109213	**DVK 400** 77,- ID 109213	**DVK 400** 77,- ID 109213	**DVK 560** 152,- ID 122289	**DVK 560** 152,- ID 122289

Specific Accessories
For details see page: 134

Flat Roof Socket

Socket Silencer

Inlet Flange

Inlet Collar

Shutter automatic
Automatic

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

NEW

Backward curved centrifugal fan

The utilized backward curved impeller radial fans are insensitive to soiling and have a high efficiency.

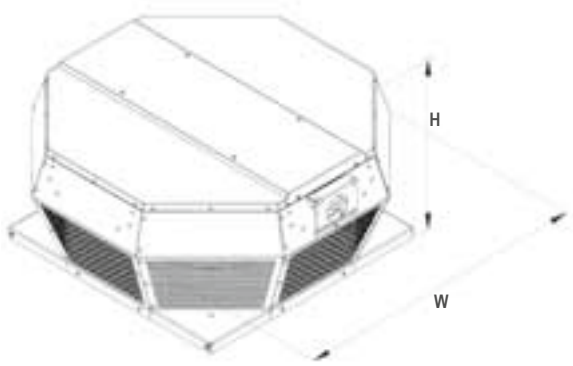
- Backward curved centrifugal fan
- Speed controllable
- Integrated thermal switch
- Maintenance-free ball bearings

Bird and shock proctection

The outlet protection grille decreases soiling through leaves and birds.

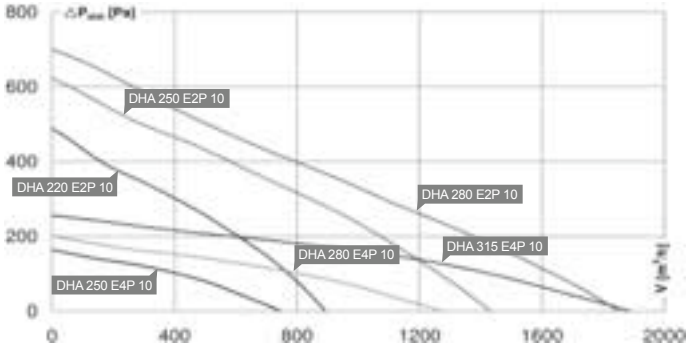
High quality housing

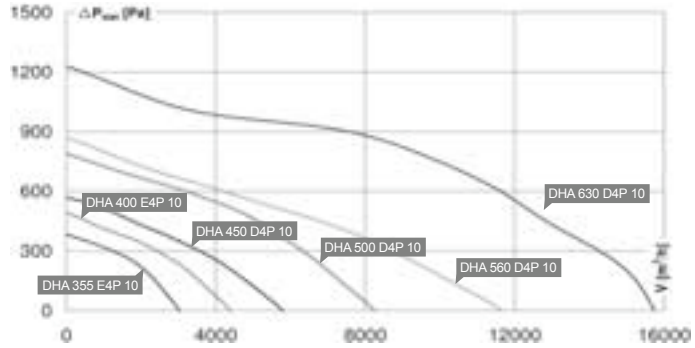
The housing is elegant and solidly manufactured.



Type	ID	U	f	L_{WA2}/L_{WA6}	L_{WA5}	η_{fa}	η_t	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[kg]	
DHA 220 E2P 10	125317	230V ~	50	71	67	29,9	30,1	388	190		124461
DHA 250 E4P 10	125331	230V ~	50	61	56	18,1	18,5	388	190		124461
DHA 250 E2P 10	125344	230V ~	50	77	71	32,5	33,2	388	190		124461
DHA 280 E4P 10	125351	230V ~	50	65	59	25,4	25,9	547	249		124461
DHA 280 E2P 10	125352	230V ~	50	72	69	31,3	31,6	547	540		124461
DHA 315 E4P 10	125361	230V ~	50	65	61	34,7	35,8	547	540		124461
DHA 355 E4P 10	124914	230V ~	50	68	64	40,2	40,4	745	333		124873
DHA 400 E4P 10	124917	230V ~	50	70	65	44,6	45,1	745	333		124873
DHA 450 D4P 10	124919	400V 3~	50	73	68	43,1	43,8	860	418		124863
DHA 500 D4P 10	124927	400V 3~	50	78	74	51,9	53,1	860	418		124863
DHA 560 D4P 10	124929	400V 3~	50	77	73	45,7	46,2	1165	527		124863
DHA 630 D4P 10	124930	400V 3~	50	87	84	55,2	55,7	1165	527		124863

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br





	EUR	EUR	EUR	EUR	EUR
MDAR.		**DHA 250 E4P 10** 385,- ID 125331 230V ~/50Hz 50 °C 740 m³/h 61 W 0,4 A 56/61/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**	**DHA 280 E4P 10** 475,- ID 125351 230V ~/50Hz 70 °C 1270 m³/h 86 W 0,4 A 59/65/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**	**DHA 315 E4P 10** 560,- ID 125361 230V ~/50Hz 60 °C 1890 m³/h 125 W 0,6 A 61/65/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**	**DHA 355 E4P 10** 980,- ID 124914 230V ~/50Hz 60 °C 3030 m³/h 290 W 2,1 A 64/68/- db(A) **TEM 035** ID 103502 **210,-** **TES 035** ID 103954 **80,-**
MDAR.	**DHA 220 E2P 10** 335,- ID 125317 230V ~/50Hz 60 °C 890 m³/h 110 W 0,6 A 67/71/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**	**DHA 250 E2P 10** 385,- ID 125344 230V ~/50Hz 50 °C 1430 m³/h 210 W 1,0 A 71/77/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**	**DHA 280 E2P 10** 475,- ID 125352 230V ~/50Hz 70 °C 1850 m³/h 280 W 1,3 A 69/72/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**		
MYMDF.	**DSF 220** 128,- ID 109552	**DSF 220** 128,- ID 109552	**DSF 280** 164,- ID 109593	**DSF 280** 164,- ID 109593	**DSF 355** 212,- ID 109619
MYMDS.	**DSS 220** 232,- ID 111323	**DSS 220** 232,- ID 111323	**DSS 280** 266,- ID 111352	**DSS 280** 266,- ID 111352	**DSS 355** 380,- ID 111353
MYMDA.	**DAF 180** 12,- ID 110744	**DAF 180** 12,- ID 110744	**DAF 250** 19,- ID 110585	**DAF 250** 19,- ID 110585	**DAF 400** 31,- ID 109826
MYMDN.	**DAS 180** 62,- ID 110745	**DAS 180** 62,- ID 110745	**DAS 250** 85,- ID 109413	**DAS 250** 85,- ID 109413	**DAS 400** 94,- ID 109827
MYMDV.	**DVK 180** 48,- ID 104800	**DVK 180** 48,- ID 104800	**DVK 250** 71,- ID 109233	**DVK 250** 71,- ID 109233	**DVK 400** 77,- ID 109213

Specific Accessories
For details see page: 134

Flat Roof Socket

Socket Silencer

Inlet Flange

Inlet Collar

Shutter automatic
Automatic

	EUR	EUR	EUR	EUR	EUR
MDAR.	**DHA 400 E4P 10** 1040,- ID 124917 230V ~/50Hz 60 °C 4390 m³/h 430 W 2,4 A 65/70/- db(A) **TEM 035** ID 103502 **210,-** **TES 035** ID 103954 **80,-**	**DHA 450 D4P 10** 1230,- ID 124919 400V 3~/50Hz 55 °C 5790 m³/h 640 W 1,3 A 68/73/- db(A) **TDM 025** ID 107628 **360,-** **TDS 025** ID 113663 **155,-**	**DHA 500 D4P 10** 1480,- ID 124927 400V 3~/50Hz 60 °C 8260 m³/h 1.170 W 2,5 A 74/78/- db(A) **TDM 040** ID 111556 **430,-** **TDS 040** ID 113666 **196,-**	**DHA 560 D4P 10** 1740,- ID 124929 400V 3~/50Hz 50 °C 11670 m³/h 1.790 W 3,6 A 73/77/- db(A) **TDM 040** ID 111556 **430,-** **TDS 040** ID 113666 **196,-**	**DHA 630 D4P 10** 2800,- ID 124931 400V 3~/50Hz 60 °C 15740 m³/h 3.660 W 8,5 A 84/87/- db(A) **TDM 110** ID 111559 **950,-** **TDS 110** ID 113670 **390,-**
MYMDF.	**DSF 355** 212,- ID 109619	**DSF 450** 224,- ID 109784	**DSF 450** 224,- ID 109784	**DSF 560** 380,- ID 122314	**DSF 560** 380,- ID 122314
MYMDS.	**DSS 355** 380,- ID 111353	**DSS 450** 420,- ID 111354	**DSS 450** 420,- ID 111354	**DSS 560** 590,- ID 122313	**DSS 560** 590,- ID 122313
MYMDA.	**DAF 400** 31,- ID 109826	**DAF 400** 31,- ID 109826	**DAF 400** 31,- ID 109826	**DAF 560** 45,- ID 122288	**DAF 560** 45,- ID 122288
MYMDN.	**DAS 400** 94,- ID 109827	**DAS 400** 94,- ID 109827	**DAS 400** 94,- ID 109827	**DAS 560** 108,- ID 122287	**DAS 560** 108,- ID 122287
MYMDV.	**DVK 400** 77,- ID 109213	**DVK 400** 77,- ID 109213	**DVK 400** 77,- ID 109213	**DVK 560** 152,- ID 122289	**DVK 560** 152,- ID 122289

Specific Accessories
For details see page: 134

Flat Roof Socket

Socket Silencer

Inlet Flange

Inlet Collar

Shutter automatic
Automatic

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

Vertical air discharge

The vertical air discharge minimizes roof soiling. Furthermore, the noise break out is noticeably lower than horizontal discharge roof fans.

Backward curved radial fan

The utilized backward curved impeller radial fans are insensitive to soiling and have a high efficiency.

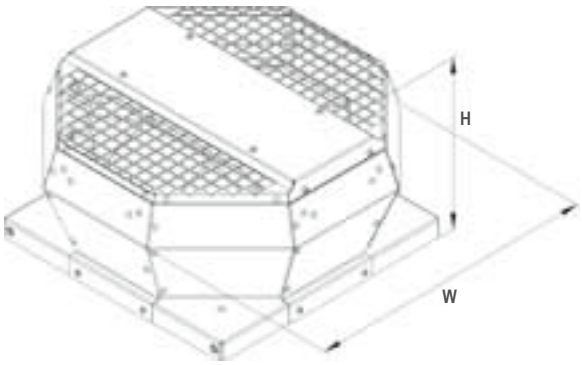
- Backward curved centrifugal fan
- Voltage controllable
- Integrated thermal contact
- Maintenance-free, long-life ball bearings
- Housing external parts are made from saltwater-proof aluminium

Bird and shock proctection

The outlet protection grille decreases soiling through leaves and birds.

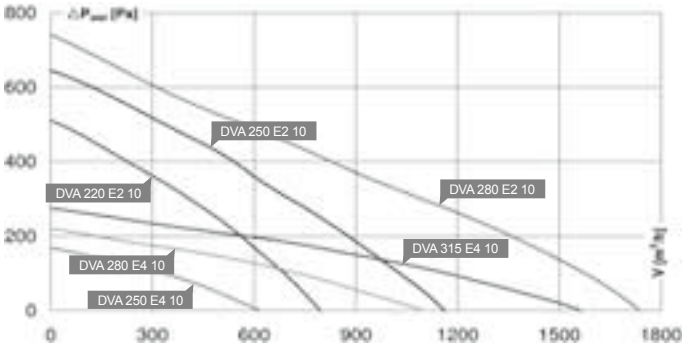
High quality housing

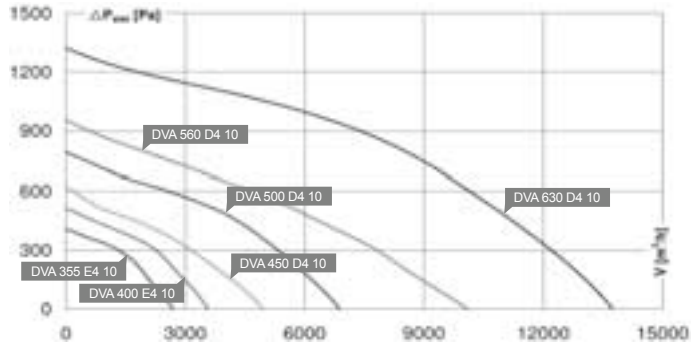
The housing is elegant and solidly manufactured.



Type	ID	U	f	L_{WA2}/L_{WA6}	L_{WA5}	η_{fa}	η_t	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[kg]	
DVA 220 E2 10	123753	230V ~	50	67	66	30,5	31,1	388	190	5,2	116450
DVA 250 E4 10	123755	230V ~	50	58	56	14,7	15,4	388	190	5,8	116450
DVA 250 E2 10	123811	230V ~	50	74	70	30,0	30,6	388	190	6,4	116450
DVA 280 E4 10	123956	230V ~	50	61	57	24,5	24,9	541	249		116450
DVA 280 E2 10	123757	230V ~	50	73	70	31,7	32,3	541	249	8,6	116450
DVA 315 E4 10	123759	230V ~	50	65	61	29,1	34,2	541	249	8,6	116450
DVA 355 E4 10	123761	230V ~	50	65	62	40,3	40,9	745	333	18,7	124440
DVA 400 E4 10	123763	230V ~	50	69	65	41,9	42,7	745	333	19,3	124440
DVA 450 D4 10	123382	230V ~	50	70	66	42,4	42,8	860	418	28,0	124438
DVA 500 D4 10	123370	400V 3~	50	76	71	46,3	46,9	860	418	35,0	124438
DVA 560 D4 10	123388	400V 3~	50	75	72	45,6	46,1	1165	527	68,0	124438
DVA 630 D4 10	123390	400V 3~	50	83	79	51,6	52,2	1165	527		124438

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br





	EUR	EUR	EUR	EUR	EUR
MDS.		**DVA 250 E4 10** 280,- ID 123755 230V ~/50Hz 50 °C 620 m³/h 61 W 0,4 A 56/58/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-** **GS 01** ID 102787 **60,-**	**DVA 280 E4 10** 380,- ID 123956 230V ~/50Hz 70 °C 1100 m³/h 82 W 0,4 A 57/61/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-** **GS 01** ID 102787 **60,-**	**DVA 315 E4 10** 440,- ID 123759 230V ~/50Hz 70 °C 1570 m³/h 124 W 0,6 A 61/65/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-** **GS 01** ID 102787 **60,-**	**DVA 355 E4 10** 850,- ID 123761 230V ~/50Hz 60 °C 2690 m³/h 280 W 2,0 A 62/65/- db(A) **TEM 035** ID 103502 **210,-** **TES 035** ID 103954 **80,-** **GS 01** ID 102787 **60,-**
MDS.	**DVA 220 E2 10** 250,- ID 123753 230V ~/50Hz 60 °C 800 m³/h 110 W 0,6 A 66/67/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-** **GS 01** ID 102787 **60,-**	**DVA 250 E2 10** 280,- ID 123811 230V ~/50Hz 55 °C 1160 m³/h 200 W 0,9 A 70/74/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-** **GS 01** ID 102787 **60,-**	**DVA 280 E2 10** 380,- ID 123757 230V ~/50Hz 65 °C 1740 m³/h 280 W 1,3 A 70/73/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-** **GS 01** ID 102787 **60,-**		
MYMDF.	**DSF 220** 128,- ID 109552	**DSF 220** 128,- ID 109552	**DSF 280** 164,- ID 109593	**DSF 280** 164,- ID 109593	**DSF 355** 212,- ID 109619
MYMDS.	**DSS 220** 232,- ID 111323	**DSS 220** 232,- ID 111323	**DSS 280** 266,- ID 111352	**DSS 280** 266,- ID 111352	**DSS 355** 380,- ID 111353
MYMDA.	**DAF 180** 12,- ID 110744	**DAF 180** 12,- ID 110744	**DAF 250** 19,- ID 110585	**DAF 250** 19,- ID 110585	**DAF 400** 31,- ID 109826
MYMDN.	**DAS 180** 62,- ID 110745	**DAS 180** 62,- ID 110745	**DAS 250** 85,- ID 109413	**DAS 250** 85,- ID 109413	**DAS 400** 94,- ID 109827
MYMDV.	**DVK 180** 48,- ID 104800	**DVK 180** 48,- ID 104800	**DVK 250** 71,- ID 109233	**DVK 250** 71,- ID 109233	**DVK 400** 77,- ID 109213

Specific Accessories
For details see page: 134

Flat Roof Socket

Socket Silencer

Inlet Flange

Inlet Collar

Shutter automatic
Automatic

	EUR	EUR	EUR	EUR	EUR
MDS.	**DVA 400 E4 10** 880,- ID 123763 230V ~/50Hz 60 °C 3570 m³/h 440 W 2,4 A 65/69/- db(A) **TEM 035** ID 103502 **210,-** **TES 035** ID 103954 **80,-** **GS 01** ID 102787 **60,-**	**DVA 450 D4 10** 1050,- ID 123382 400V 3~/50Hz 60 °C 4960 m³/h 610 W 1,3 A 66/70/- db(A) **TDM 025** ID 107628 **360,-** **TDS 025** ID 113663 **155,-** **GS 03** ID 107633 **60,-**	**DVA 500 D4 10** 1280,- ID 123370 400V 3~/50Hz 60 °C 6880 m³/h 1.140 W 2,5 A 71/76/- db(A) **TDM 025** ID 107628 **360,-** **TDS 025** ID 113663 **155,-** **GS 03** ID 107633 **60,-**	**DVA 560 D4 10** 1600,- ID 123388 400V 3~/50Hz 50 °C 10100 m³/h 1.760 W 3,6 A 72/75/- db(A) **TDM 040** ID 111556 **430,-** **TDS 040** ID 113666 **196,-** **GS 03** ID 107633 **60,-**	**DVA 630 D4 10** 2560,- ID 123390 400V 3~/50Hz 55 °C 13740 m³/h 3.630 W 8,5 A 79/83/- db(A) **TDM 110** ID 111559 **950,-** **TDS 110** ID 113670 **390,-** **GS 03** ID 107633 **60,-**
MYMDF.	**DSF 355** 212,- ID 109619	**DSF 450** 224,- ID 109784	**DSF 450** 224,- ID 109784	**DSF 560** 380,- ID 122314	**DSF 560** 380,- ID 122314
MYMDS.	**DSS 355** 380,- ID 111353	**DSS 450** 420,- ID 111354	**DSS 450** 420,- ID 111354	**DSS 560** 590,- ID 122313	**DSS 560** 590,- ID 122313
MYMDA.	**DAF 400** 31,- ID 109826	**DAF 400** 31,- ID 109826	**DAF 400** 31,- ID 109826	**DAF 560** 45,- ID 122288	**DAF 560** 45,- ID 122288
MYMDN.	**DAS 400** 94,- ID 109827	**DAS 400** 94,- ID 109827	**DAS 400** 94,- ID 109827	**DAS 560** 108,- ID 122287	**DAS 560** 108,- ID 122287
MYMDV.	**DVK 400** 77,- ID 109213	**DVK 400** 77,- ID 109213	**DVK 400** 77,- ID 109213	**DVK 560** 152,- ID 122289	**DVK 560** 152,- ID 122289

Specific Accessories
For details see page: 134

Flat Roof Socket

Socket Silencer

Inlet Flange

Inlet Collar

Shutter automatic
Automatic

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

NEW

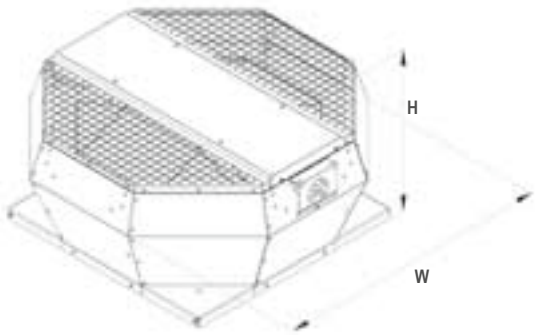
Vertical air discharge
The vertical air discharge minimizes roof soiling. Furthermore, the noise break out is noticeably lower than horizontal discharge roof fans.

Backward curved radial fan
The utilized backward curved impeller radial fans are insensitive to soiling and have a high efficiency.

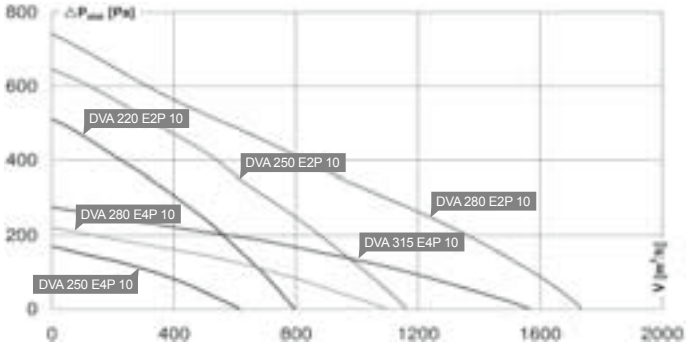
- Backward curved centrifugal fan
- Voltage controllable
- Integrated thermal contact
- Maintenance-free, long-life ball bearings
- Housing external parts are made from saltwater-proof aluminium

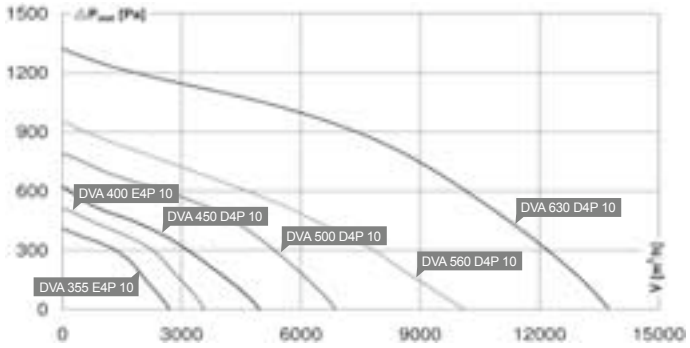
Inspection/cleaning
Swing open fan section for service and cleaning.

Intergrated isolator switch
The ventilator can be switched off for maintenance by an intergrated isolator switch.



Type	ID	U	f	L_{WA2}/L_{WA6}	L_{WA5}	η_{fa}	η_t	W	H	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[kg]	
DVA 220 E2P 10	125316	230V ~	50	67	66	30,5	31,1	388	190		124461
DVA 250 E2P 10	125342	230V ~	50	74	70	30,0	30,6	388	190		124461
DVA 250 E4P 10	125322	230V ~	50	58	56	14,7	15,4	388	190		124461
DVA 280 E2P 10	125346	230V ~	50	73	70	31,7	32,3	540	248		124461
DVA 280 E4P 10	125345	230V ~	50	61	57	24,5	24,9	540	248		124461
DVA 315 E4P 10	125362	230V ~	50	65	61	29,1	34,2	540	248		124461
DVA 355 E4P 10	124866	230V ~	50	65	62	40,3	40,9	745	334		124873
DVA 400 E4P 10	124868	230V ~	50	69	65	41,9	42,7	745	333		124873
DVA 450 D4P 10	124870	400V 3~	50	70	66	42,4	42,8	860	418		124863
DVA 500 D4P 10	124871	400V 3~	50	76	71	46,3	46,9	860	418		124863
DVA 560 D4P 10	124886	400V 3~	50	75	72	45,6	46,1	1165	527		124863
DVA 630 D4P 10	124888	400V 3~	50	83	79	51,6	52,2	1165	527		124863





	EUR	EUR	EUR	EUR	EUR
MDR.	**DVA 220 E2P 10** 350,- ID 125316 230V ~/50Hz 60 °C 800 m³/h 110 W 0,6 A 66/67/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**	**DVA 280 E2P 10** 490,- ID 125346 230V ~/50Hz 65 °C 1740 m³/h 280 W 1,3 A 70/73/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**	**DVA 355 E4P 10** 1000,- ID 124866 230V ~/50Hz 60 °C 2690 m³/h 280 W 2,0 A 62/65/- db(A) **TEM 035** ID 103502 **210,-** **TES 035** ID 103954 **80,-**	**DVA 500 D4P 10** 1490,- ID 124871 400V 3~/50Hz 60 °C 6880 m³/h 1.140 W 2,5 A 71/76/- db(A) **TDM 025** ID 107628 **360,-** **TDS 025** ID 113663 **155,-**	
MDR.	**DVA 250 E2P 10** 400,- ID 125342 230V ~/50Hz 55 °C 1160 m³/h 200 W 0,9 A 70/74/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**	**DVA 280 E4P 10** 490,- ID 125345 230V ~/50Hz 70 °C 1100 m³/h 82 W 0,4 A 57/61/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**	**DVA 400 E4P 10** 1060,- ID 124868 230V ~/50Hz 60 °C 3570 m³/h 440 W 2,4 A 65/69/- db(A) **TEM 035** ID 103502 **210,-** **TES 035** ID 103954 **80,-**	**DVA 560 D4P 10** 1790,- ID 124886 400V 3~/50Hz 50 °C 10100 m³/h 1.760 W 3,6 A 72/75/- db(A) **TDM 040** ID 111556 **430,-** **TDS 040** ID 113666 **196,-**	
MDR.	**DVA 250 E4P 10** 400,- ID 125322 230V ~/50Hz 50 °C 620 m³/h 61 W 0,4 A 56/58/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**	**DVA 315 E4P 10** 570,- ID 125362 230V ~/50Hz 70 °C 1570 m³/h 124 W 0,6 A 61/65/- db(A) **TEE 015** ID 115893 **143,-** **TES 0145** ID 111858 **48,-**	**DVA 450 D4P 10** 1260,- ID 124870 400V 3~/50Hz 60 °C 4960 m³/h 610 W 1,3 A 66/70/- db(A) **TDM 025** ID 107628 **360,-** **TDS 025** ID 113663 **155,-**	**DVA 630 D4P 10** 2850,- ID 124888 400V 3~/50Hz 55 °C 13740 m³/h 3.630 W 8,5 A 79/83/- db(A) **TDM 110** ID 111559 **950,-** **TDS 110** ID 113670 **390,-**	

Specific Accessories
For details see page: 134

TEE . . .
5-Step Transformer
Without motor protection

TES . . .
7-Step Transformer
Without motor protection

TEM . . .
5-Step Transformer
With motor protection

TDM . . .
5-Step Transformer
With motor protection

TDS . . .
7-Step Transformer
Without motor protection, for V-connection (Switch Cabinet)

MYMDF.	**DSF 220** 128,- ID 109552	**DSF 280** 164,- ID 109593	**DSF 355** 212,- ID 109619	**DSF 450** 224,- ID 109784	
MYMDS.	**DSS 220** 232,- ID 111323	**DSS 280** 266,- ID 111352	**DSS 355** 380,- ID 111353	**DSS 450** 420,- ID 111354	
MYMDA.	**DAF 180** 12,- ID 110744	**DAF 250** 19,- ID 110585	**DAF 400** 31,- ID 109826	**DAF 400** 31,- ID 109826	
MYMDN.	**DAS 180** 62,- ID 110745	**DAS 250** 85,- ID 109413	**DAS 400** 94,- ID 109827	**DAS 400** 94,- ID 109827	
MYMDV.	**DVK 180** 48,- ID 104800	**DVK 250** 71,- ID 109233	**DVK 400** 77,- ID 109213	**DVK 400** 77,- ID 109213	

Flat Roof Socket

Socket Silencer

Inlet Flange

Inlet Collar

Shutter automatic
Automatic

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Suitable for kitchen exhaust

The motor is separated from the airstream, according to VDI 2052 applicable for industrial kitchen exhaust with medium temperatures up to 120°C.

Suitable for kitchen exhaust

An integrated tray with fat drain prevents roof pollution.

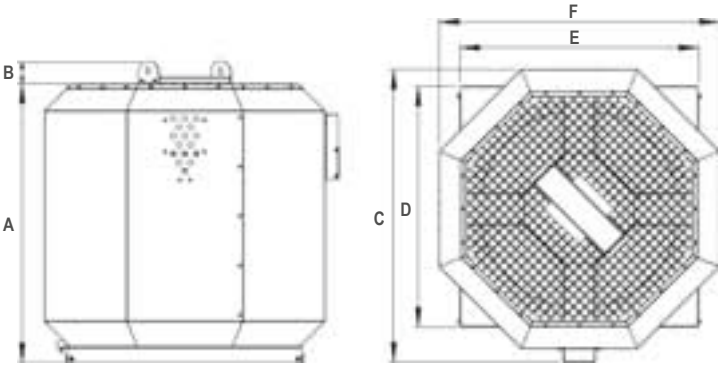
Highly effective sound insulation

The DVNI series has got a 40 mm insulation of mineral wool. A strong glass fibre yarn prevents the escape of mineral fibres. An additional mechanical protection is done by a perforated metal plate. The average sound attenuation is 9dB(A).

- Outer casing made of seawater resistant AlMg3
- Motor outside of air stream
- Swing out fan section
- With isolator switch
- Integrated drain pan
- 40 mm mineral wool insulation (DVNI)

Sound insulation

A high class 40 mm mineral wool is covered by glass fibre yarn which prevents the escape of mineral fibres and a perforated metal plate prevents insulation damages.



Type	ID	U	f	L_{WA6}	L_{WA5}	η_{fa}	η_t	A	B	C	D	E	F	Weight	Wiring diagram
		[V]	[Hz]	[dB (A)]	[dB (A)]	[%]	[%]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]	
DVN 280 E2	122003	230V ~	50	83	82	38,0	40,0	565		553	451	441	497	26,1	121998
DVN 315 E2	121703	230V ~	50	82	80	42,0	44,0	565		553	451	441	497	28,0	121998
DVN 355 E2	122162	230V ~	50	90	87	40,0	42,0	694		676	611	602	632	42,4	121998
DVN 400 E4	121707	230V ~	50	77	71	32,0	33,0	694		676	611	602	632	36,0	121998
DVN 450 E4	122006	230V ~	50	75	75	45,0	46,0	790	40	828	683	674	790	45,7	121998
DVN 500 E4	121711	230V ~	50	83	79	46,0	47,0	790	40	828	683	674	790	52,9	121998
DVN 560 D4	121774	400V 3~	50	82	80	51,0	52,0	967	40	1033	945	936	995	83,0	123168
DVN 630 D4	122758	400V 3~	50	87	85	50,0	51,0	967	40	1033	945	936	995	95,5	123168
DVN 710 D6	122470	400V 3~	50	81	83	45,5	46,7	1054	39	1301	1098	1090	1263		123168
DVN 800	Coming soon														
DVNI 280 E2	122013	230V ~	50	79	82	38,0	40,0	567		615	451	441	577	33,9	121998
DVNI 315 E2	121705	230V ~	50	77	80	42,0	44,0	567		615	451	441	577	35,6	121998
DVNI 355 E2	122166	230V ~	50	81	87	40,0	42,0	700		750	611	602	712	55,0	121998
DVNI 400 E4	121709	230V ~	50	70	71	32,0	33,0	700		750	611	602	712	48,6	121998
DVNI 450 E4	122010	230V ~	50	73	75	45,0	46,0	791	39	908	683	674	870	63,0	121998
DVNI 500 E4	121720	230V ~	50	80	79	46,0	47,0	791	39	908	683	674	870	70,6	121998
DVNI 560 D4	122294	400V 3~	50	79	80	51,0	52,0	969	38	1113	945	936	1075	83,0	123168
DVNI 630 D4	122762	400V 3~	50	83	85	50,0	51,0	969	38	1113	945	936	1075	125,0	123168
DVNI 710 D6	122473	400V 3~	50	78	83	45,5	46,7	1055	38	1381	1098	1090	1343	130,0	123168
DVNI 800	Coming soon														

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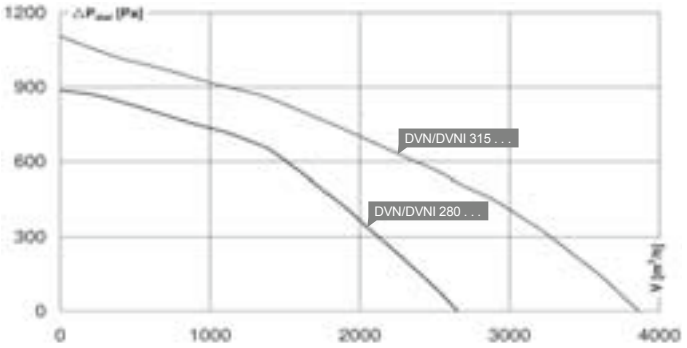

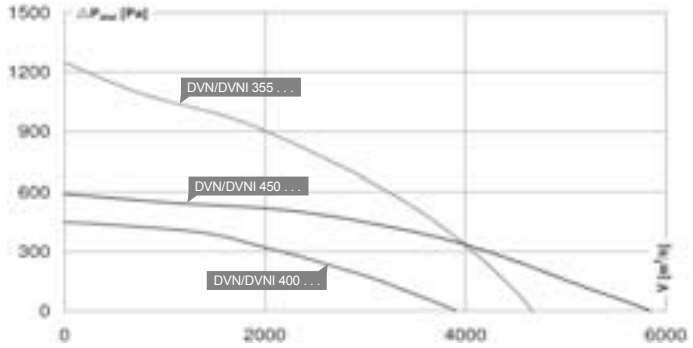

	EUR	EUR	EUR	EUR	EUR
MDNU.	**DVN 280 E2** 880,- ID 122003 230V ~/50Hz 120 °C 2650 m³/h 650 W 3,9 A 82/83/- db(A)	**DVN 315 E2** 900,- ID 121703 230V ~/50Hz 120 °C 3860 m³/h 880 W 5,1 A 80/82/- db(A)	**DVN 355 E2** 1080,- ID 122162 230V ~/50Hz 120 °C 4670 m³/h 1.250 W 7,7 A 87/90/- db(A)	**DVN 400 E4** 1040,- ID 121707 230V ~/50Hz 120 °C 3910 m³/h 540 W 2,9 A 71/77/- db(A)	**DVN 450 E4** 1240,- ID 122006 230V ~/50Hz 120 °C 5850 m³/h 810 W 4,4 A 75/75/- db(A)
MDNI.	**DVNI 280 E2** 1070,- ID 122013 230V ~/50Hz 120 °C 2650 m³/h 650 W 3,9 A 82/79/- db(A)	**DVNI 315 E2** 1100,- ID 121705 230V ~/50Hz 120 °C 3860 m³/h 880 W 5,1 A 80/77/- db(A)	**DVNI 355 E2** 1340,- ID 122166 230V ~/50Hz 120 °C 4670 m³/h 1.250 W 7,7 A 87/81/- db(A)	**DVNI 400 E4** 1300,- ID 121709 230V ~/50Hz 120 °C 3910 m³/h 540 W 2,9 A 71/70/- db(A)	**DVNI 450 E4** 1530,- ID 122010 230V ~/50Hz 120 °C 5850 m³/h 810 W 4,4 A 75/73/- db(A)

Specific Accessories
For details see page: 134

MYSM.	**TEM 050** 225,- ID 103519	**TEM 075** 265,- ID 103507	**TEM 100** 420,- ID 103511	**TEM 035** 210,- ID 103502	**TEM 050** 225,- ID 103519
MYMDF.	**DSF 280** 164,- ID 109593	**DSF 280** 164,- ID 109593	**DSF 355** 212,- ID 109619	**DSF 355** 212,- ID 109619	**DSF 450** 224,- ID 109784
MYMDS.	**DSS 280** 266,- ID 111352	**DSS 280** 266,- ID 111352	**DSS 355** 380,- ID 111353	**DSS 355** 380,- ID 111353	**DSS 450** 420,- ID 111354
MYMDA.	**DAF 250** 19,- ID 110585	**DAF 250** 19,- ID 110585	**DAF 400** 31,- ID 109826	**DAF 400** 31,- ID 109826	**DAF 400** 31,- ID 109826
MYMDN.	**DAS 250** 85,- ID 109413	**DAS 250** 85,- ID 109413	**DAS 400** 94,- ID 109827	**DAS 400** 94,- ID 109827	**DAS 400** 94,- ID 109827
MYMDV.	**DVK 250** 71,- ID 109233	**DVK 250** 71,- ID 109233	**DVK 400** 77,- ID 109213	**DVK 400** 77,- ID 109213	**DVK 400** 77,- ID 109213

5-Step Transformer
With motor protection

Flat Roof Socket

Socket Silencer

Inlet Flange

Inlet Collar

Shutter automatic
Automatic

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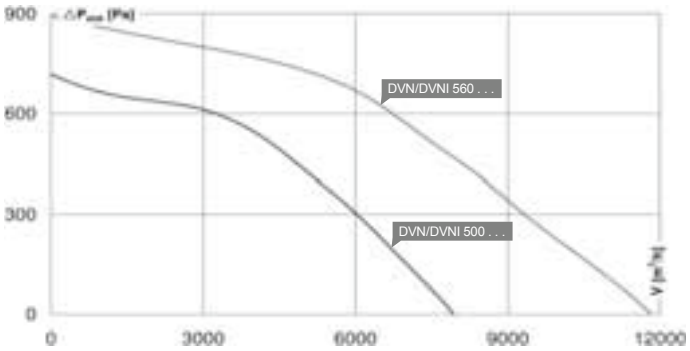
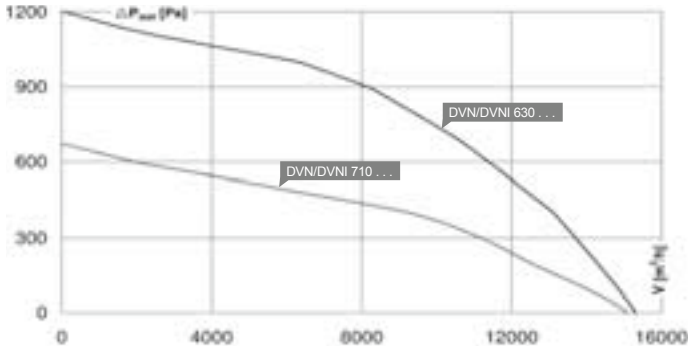
DVN/DVNI **Roof Fan,** kitchen exhaust up to 120°C





Specific Accessories
For details see page: 134

	EUR		EUR		EUR		EUR		EUR	
DVN 500 E4 ID 121711 230V ~/50Hz 120 °C 7930 m³/h 1.240 W 7,2 A 79/83/- db(A)	1370,-	**DVN 560 D4** ID 121774 400V 3~/50Hz 120 °C 11830 m³/h 2.080 W 4,6 A 80/82/- db(A)	1770,-	**DVN 630 D4** ID 122758 400V 3~/50Hz 120 °C 15300 m³/h 3.990 W 7,5 A 85/87/- db(A)	2050,-	**DVN 710 D6** ID 122470 400V 3~/50Hz 120 °C 15090 m³/h 2.065 W 4,5 A 83/81/- db(A)	2700,-	**DVN 800**		MDNU.
DVNI 500 E4 ID 121720 230V ~/50Hz 120 °C 7930 m³/h 1.240 W 7,2 A 79/80/- db(A)	1580,-	**DVNI 560 D4** ID 122294 400V 3~/50Hz 120 °C 11830 m³/h 2.080 W 4,6 A 80/79/- db(A)	2150,-	**DVNI 630 D4** ID 122762 400V 3~/50Hz 120 °C 15300 m³/h 3.990 W 7,5 A 85/83/- db(A)	2580,-	**DVNI 710 D6** ID 122473 400V 3~/50Hz 120 °C 15090 m³/h 2.065 W 4,5 A 83/78/- db(A)	3450,-	**DVN 800**		MDNI.

Coming soon

FU . . .
Frequency Converter

		FU 22 05 ID 124682	1280,-	**FU 40 04** ID 121608	2590,-	**FU 22 05** ID 124682	1280,-			MYSF.

FU . . .
Frequency Converter

		FU 22 03 ID 118511	1630,-	**FU 40 03** ID 121607	1550,-	**FU 22 03** ID 118511	1630,-			MYSF.

5-Step Transformer
With motor protection

		TDM 060 ID 111557	560,-							MYSM.

5-Step Transformer
With motor protection

TEM 075 ID 103507	265,-									MYSM.

Flat Roof Socket

DSF 450 ID 109784	224,-	**DSF 560** ID 122314	380,-	**DSF 560** ID 122314	380,-	**DSF 710** ID 123161	550,-			MYMDF.

Socket Silencer

DSS 450 ID 111354	420,-	**DSS 560** ID 122313	590,-	**DSS 560** ID 122313	590,-	**DSS 710** ID 123162	1190,-			MYMDS.

Inlet Flange

DAF 400 ID 109826	31,-	**DAF 560** ID 122288	45,-	**DAF 560** ID 122288	45,-	**DAF 710** ID 123823	75,-			MYMDA.

Inlet Collar

DAS 400 ID 109827	94,-	**DAS 560** ID 122287	108,-	**DAS 560** ID 122287	108,-	**DAS 710** ID 123822	172,-			MYMDN.

Shutter automatic
Automatic

DVK 400 ID 109213	77,-	**DVK 560** ID 122289	152,-	**DVK 560** ID 122289	152,-	**DVK 710** ID 123824	215,-			MYMDV.

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- Compact Supply air handling unit with filter, electric heater, fan and included control
- Variable temperature control
- Remote control and cable included
- Timer in control panel integrated
- Connection for damper control, malfunction message, external on/off
- Integrated sound and heat insulation
- Easy installation

Complete and ready to connect

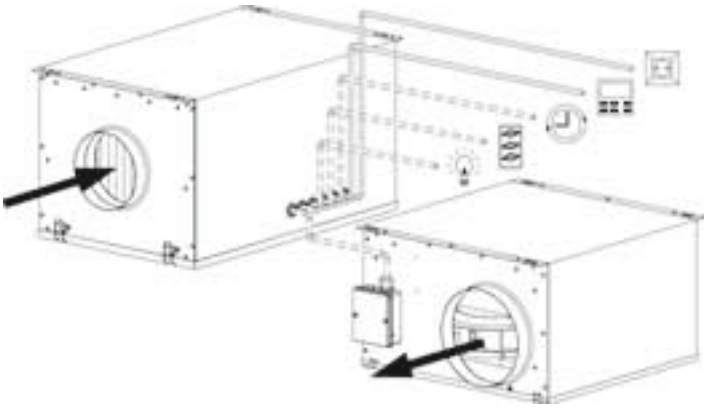
The FFH is a complete plug and play supply unit with Z-Line filter, fan, electric heater and integrated control unit including remote control. The installation time and possible installation errors are reduced to a minimum.

Very convenient features

The housing is 30 mm thermally and acoustically insulated. The interior area is sealed with glass fiber yarn sound absorbing material to suitably reduce the intake and exhaust noise. After shutdown a short run-on period to prevent overheating. 3 speeds enable need-based ventilation.

Ventilation system with supply and extract

The control system is designed so that even an exhaust fan (optional) can be integrated. Therefore, with the simplest means a complete ventilation system with supply and exhaust can be built.



Safe and easy

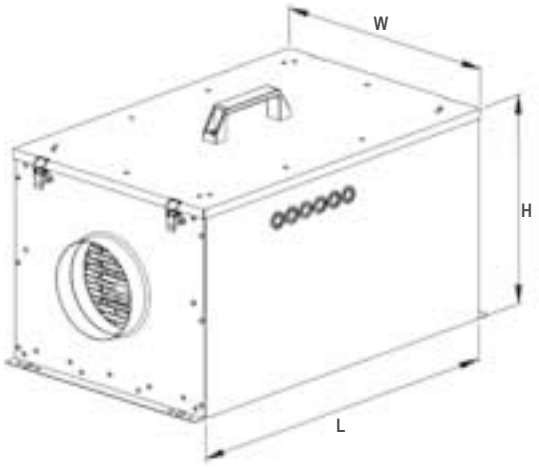
All electrical connections on a terminal strip, covered with a metal plate. Filter change is possible and hazard free.

Remote control

An elegant control panel with functional handling and digital display for fan step and desired temperature. Timer with time progam.

Elaborate design details

Sophisticated design details such as filter clamping device, easy accessibility of the control board, suspension brackets etc. facilitate the installation, operation and maintenance.



Type	ID	U	Q̇	$I_{max.}$	Fuse	L	W	H	Weight	EUR	Recommended exhaust fan
		[V]	[W]	[A]	[A]	[mm]	[mm]	[mm]	[kg]		
FFH 125	111804	230V ~	3000	14	16	622	406	346	20,4	**1280,-**	**ISORX 125 E2S 10**
FFH 150	111823	230V ~	3000	14	16	622	406	346	22,1	**1320,-**	**ISORX 160 E2S 10**
FFH 160	111824	230V ~	3000	14	16	622	406	346	20,3	**1320,-**	**ISORX 160 E2S 10**
FFH 200	111825	400V 3~N	4500	7,2	10	628	406	346	23,4	**1380,-**	**ISORX 200 E2S 10**
FFH 250	111826	400V 3~N	9000	14,7	16	718	466	406	31,4	**1560,-**	**ISORX 250 E2S 10**
FFH 315	111832	400V 3~N	9000	14,7	16	718	466	406	31,3	**1560,-**	**ISORX 250 E2S 10**

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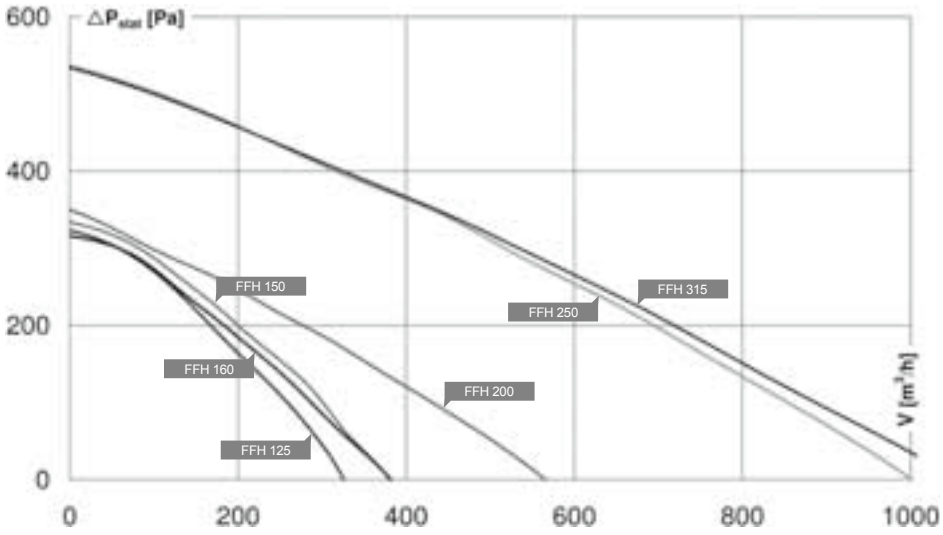
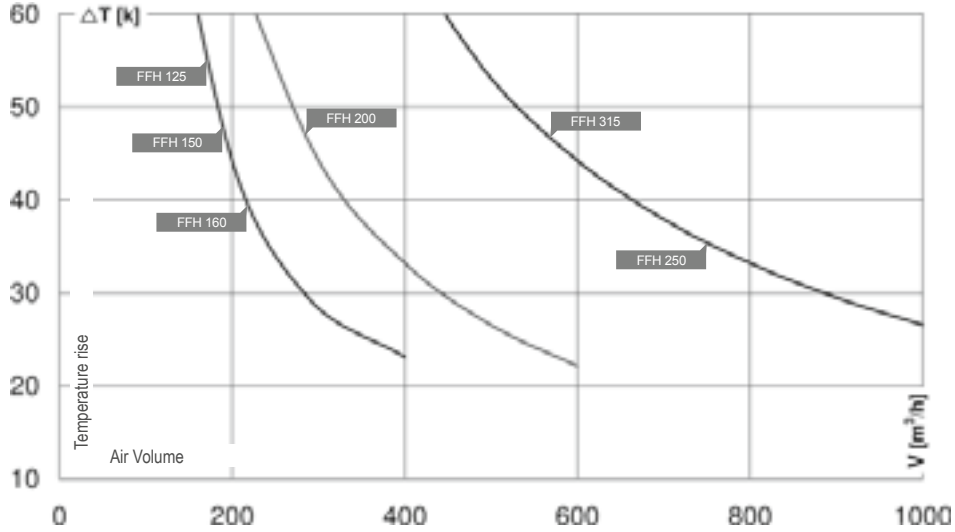


Temperature rise



n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

- Compact supply air handling unit with integrated control
- 3-step fan setting
- Room or supply air temperature control
- Integrated main switch
- Easy installation

Very convenient features

The housing is 30 mm thermally and acoustically insulated. The internal pressure losses are very low due to favourable large airflow area, all components are very small. The housing interior and exterior is very smooth and tight.

Always the optimal fan

The units are offered with two different fan concepts.
For one, a very strong pressure forward curved radial fan, the other ETALINE, the tube fan with very high efficiency.

Complete and ready to connect

The control system is integrated in the unit and completely wired. On the external control panel you can adjust 3 fan step, the supply air and room temperature. Filter monitoring is also a feature.

Summary of the controls main settings

- Mode select panel
- Indication of actual fan setting and temperature
- Temperature setting with remote control
- Drive of heating or cooling valve
- Release of cooling machine
- Malfunction indicator with LED and malfunction code
- Min. or max. setting of supply air temperature
- 3 Step fan setting for supply and exhaust fan
- Frost protection for warm water heating coil
- Drive of a warm water pump
- Differential pressure monitoring for filter
- Remote control with integrated temperature sensor
- Supply air unit with damper actuator

Remote control

An elegant control panel with functional handling and digital display for fan step and desired temperature.

Integrated controls

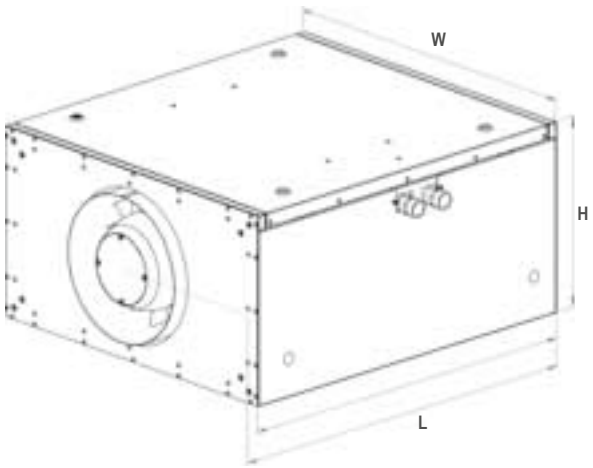
The control system is integrated in the housing sidewall and easily accessible. All connections are plug type.

High quality design and workmanship

The complete sheet metal housing is to a high degree heat and sound insulated and designed with great attention to detail. The dampers are integrated and are very tight. The cogwheels are procted against soiling.

Variable connection sides

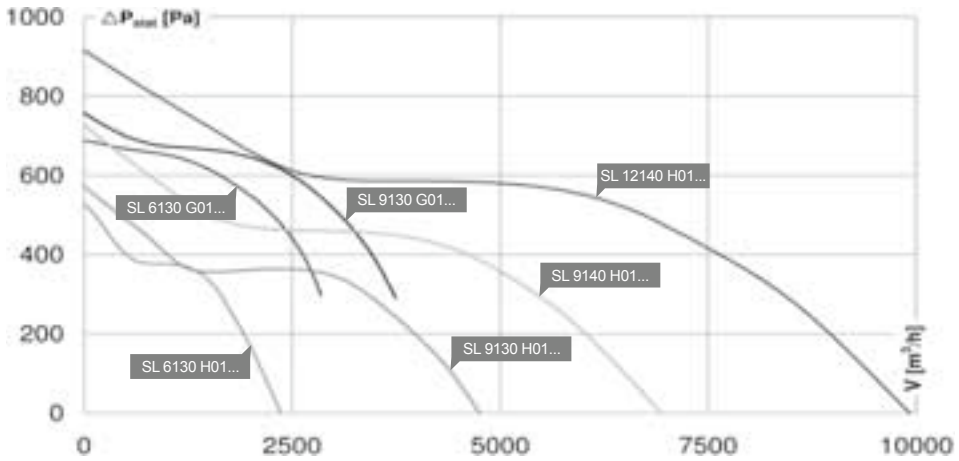
Heating and cooling coils can be simply turned on site, so that a connection from both sides is possible.



n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

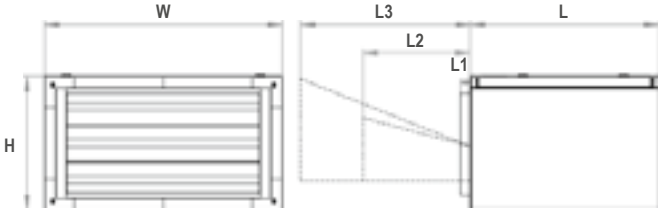
Type	ID	EUR	Type	ID	EUR	With control	Air volume at 200Pa external pressure	Heating LPHW	Cooling coil cold water	DX coil	Fan	
											Forward curved impeller	Etaline
Damper without actuator, Fan												
SL 6130 G01 01	116547	**1340,-**					2950				x	
SL 6130 H01 01	116546	**890,-**					1950					x
SL 9130 G01 01	116558	**1460,-**					3900				x	
SL 9130 H01 01	116553	**1250,-**					3800					x
SL 9140 H01 01	116655	**1840,-**					6000					x
SL 12140 H01 01	119782	**2190,-**					8800					x
Damper, Filter F5, Heater LPHW, Fan												
Standard actuator			**Spring return actuator**									
SL 6130 G02 01	116517	**1850,-**					2300	x			x	
SL 6130 G02J 01	116493	**3130,-**	**SL 6130 G02J 02**	116957	**3340,-**	x	2300	x			x	
SL 6130 H02 01	116519	**1340,-**					1650	x				x
SL 6130 H02J 01	115621	**2460,-**	**SL 6130 H02J 02**	116956	**2670,-**	x	1650	x				x
SL 9130 G02 01	116528	**2120,-**					3300	x			x	
SL 9130 G02J 01	116496	**3480,-**	**SL 9130 G02J 02**	116962	**3720,-**	x	3300	x			x	
SL 9130 H02 01	116529	**1840,-**					3000	x				x
SL 9130 H02J 01	115671	**2980,-**	**SL 9130 H02J 02**	116961	**3220,-**	x	3000	x				x
SL 9140 H02 01	115707	**2700,-**					4150	x				x
SL 9140 H02J 01	116669	**4080,-**	**SL 9140 H02J 02**	116966	**4320,-**	x	4150	x				x
SL 12140 H02 01	119786	**3300,-**					6700	x				x
SL 12140 H02J 01	119721	**5200,-**	**SL 12140 H02J 02**	119791	**5400,-**	x	6700	x				x
Damper, Filter F5, Heating coil LPHW, Cooling coil LPCW/DX, Fan												
Standard actuator			**Spring return actuator**									
SL 6130 G03 01	116522	**2660,-**					1800	x	x		x	
SL 6130 G03J 01	116499	**4070,-**	**SL 6130 G03J 04**	117212	**4280,-**	x	1800	x	x		x	
SL 6130 G03 02	116626	**2670,-**					1800	x		x	x	
SL 6130 G03J 02	116625	**4040,-**	**SL 6130 G03J 03**	116959	**4310,-**	x	1800	x		x	x	
SL 9130 G03 01	116535	**3150,-**					3100	x	x		x	
SL 9130 G03J 01	116502	**4620,-**	**SL 9130 G03J 04**	117215	**4820,-**	x	3100	x	x		x	
SL 9130 G03 02	116630	**3180,-**					3100	x		x	x	
SL 9130 G03J 02	116629	**4580,-**	**SL 9130 G03J 03**	116964	**4860,-**	x	3100	x		x	x	
SL 9130 H03 01	116537	**2760,-**					2100	x	x			x
SL 9130 H03J 01	116486	**4040,-**	**SL 9130 H03J 04**	117214	**4340,-**	x	2100	x	x			x
SL 9130 H03 02	116632	**2880,-**					2100	x		x		x
SL 9130 H03J 02	116631	**4100,-**	**SL 9130 H03J 03**	116963	**4280,-**	x	2100	x		x		x
SL 9140 H03 01	116886	**3900,-**					3800	x	x			x
SL 9140 H03J 01	117195	**5380,-**	**SL 9140 H03J 04**	117217	**5620,-**	x	3800	x	x			x
SL 9140 H03 02	116887	**3900,-**					3800	x		x		x
SL 9140 H03J 02	116888	**5380,-**	**SL 9140 H03J 03**	116967	**5620,-**	x	3800	x		x		x
SL 12140 H03 01	120543	**4900,-**					5950	x	x			x
SL 12140 H03J 01	119704	**6700,-**	**SL 12140 H03J 04**	120547	**7180,-**	x	5950	x	x			x
SL 12140 H03 02	120541	**4850,-**					5950	x		x		x
SL 12140 H03J 02	119705	**6700,-**	**SL 12140 H03J 03**	120549	**7120,-**	x	5950	x		x		x

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br



Type	ID	U	f	$I_{max.}$	P_1	W	H	L	L1	L2	L3	Weight	Wiring diagram
		[V]	[Hz]	[A]	[W]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]	
SL 6130 G01 01	116547	230V ~	50	6,6	1440	667	367	530	-	300	475	51,0	117007
SL 6130 H01 01	116546	230V ~	50	1,7	290	667	367	530	25	-	-	51,0	118787
SL 9130 G01 01	116558	230V ~	50	9,6	2040	967	367	530	-	300	475	73,0	117007
SL 9130 H01 01	116553	230V ~	50	3,4	570	967	367	530	15	-	-	73,0	120990
SL 9140 H01 01	116655	230V ~	50	6,5	1090	967	467	530	67	-	-	88,0	120990
SL 12140 H01 01	119782	230V ~	50	11,0	1950	1267	467	625	78	-	-	79,0	120990

L1 = Etaline L2 = Short diffuser L3 = Sound diffuser



- Compact exhaust unit
- Fan, voltage controllable
- Intergrated damper

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	EUR	EUR	EUR	EUR
MWLA.	**SL 6130 G01 01** **1340,-** ID 116547 230V ~/50Hz 45 °C 3210 m³/h 1.440 W 6,6 A 77/81/61 db(A) Damper without actuator Fan: Forward curved impeller	**SL 6130 H01 01** **890,-** ID 116546 230V ~/50Hz 55 °C 2370 m³/h 290 W 1,7 A 90/81/57 db(A) Damper without actuator Fan: Etaline	**SL 9130 G01 01** **1460,-** ID 116558 230V ~/50Hz 45 °C 4310 m³/h 2.040 W 9,6 A 80/83/59 db(A) Damper without actuator Fan: Forward curved impeller	**SL 9130 H01 01** **1250,-** ID 116553 230V ~/50Hz 55 °C 4730 m³/h 570 W 3,4 A 77/84/59 db(A) Damper without actuator Fan: Etaline
	Loose / Mounted	**Loose / Mounted**	**Loose / Mounted**	**Loose / Mounted**
MYSR.	**GS 01** **60,- / 80,-** ID 102787 / 119230	**GS 01** **60,- / 80,-** ID 102787 / 119230	**GS 01** **60,- / 80,-** ID 102787 / 119230	**GS 01** **60,- / 80,-** ID 102787 / 119230
MYSLS.	**STA 01** **185,- / 210,-** ID 103590 / 119234	**STA 01** **185,- / 210,-** ID 103590 / 119234	**STA 01** **185,- / 210,-** ID 103590 / 119234	**STA 01** **185,- / 210,-** ID 103590 / 119234
MYSLS.	**STA 11** **184,- / 210,-** ID 103933 / 119235	**STA 11** **184,- / 210,-** ID 103933 / 119235	**STA 11** **184,- / 210,-** ID 103933 / 119235	**STA 11** **184,- / 210,-** ID 103933 / 119235
MYSLM.	**MAN 01** **56,- / 79,-** ID 104226 / 119231	**MAN 01** **56,- / 79,-** ID 104226 / 119231	**MAN 01** **56,- / 79,-** ID 104226 / 119231	**MAN 01** **56,- / 79,-** ID 104226 / 119231
MWLZ.	**Opt. 21 -JKL** **– / 85,-** ID 119227 **Reduced price**	**Opt. 21 -JKL** **– / 85,-** ID 119227 **Reduced price**	**Opt. 31 -JKL** **– / 115,-** ID 119219 **Reduced price**	**Opt. 31 -JKL** **– / 115,-** ID 119219 **Reduced price**
MYMEP.	**Opt. 22 +F5** **63,- / 155,-** ID 108378 / 119221	**Opt. 22 +F5** **63,- / 155,-** ID 108378 / 119221	**Opt. 32 +F5** **106,- / 180,-** ID 108380 / 119222	**Opt. 32 +F5** **106,- / 180,-** ID 108380 / 119222
MYMZD.	**SDK 0130** **160,- / –** ID 115830		**SDK 0130** **160,- / –** ID 115830	

Specific Accessories
For details see page: 134


Isolator Switch


Damper actuator
24 V, 3-Point Control


Damper actuator
230 V, 3-Point Control


Pressure sensor
50-500 Pa


Damper eliminated


Filter F5


Sound diffuser

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SL **SLIGHTLINE,** Extract Unit, for ceiling voids

Specific Accessories
For details see page: 134


Isolator Switch


Damper actuator
24 V, 3-Point Control


Damper actuator
230 V, 3-Point Control


Pressure sensor
50-500 Pa


Damper eliminated


Filter F5

EUR	EUR				
SL 9140 H01 01 **1840,-** ID 116655 230V ~/50Hz 70 °C 6790 m³/h 1.090 W 6,5 A 81/87/65 db(A) Damper without actuator Fan: Etaline	**SL 12140 H01 01** **2190,-** ID 119782 230V ~/50Hz 45 °C 9920 m³/h 1.950 W 11,0 A 86/91/68 db(A) Damper without actuator Fan: Etaline				MWLA.
Loose / Mounted	**Loose / Mounted**				
GS 01 **60,- / 80,-** ID 102787 / 119230	**GS 01** **60,- / 80,-** ID 102787 / 119230				MYSR.
STA 01 **185,- / 210,-** ID 103590 / 119234	**STA 01** **185,- / 210,-** ID 103590 / 119234				MYSLS.
STA 11 **184,- / 210,-** ID 103933 / 119235	**STA 11** **184,- / 210,-** ID 103933 / 119235				MYSLS.
MAN 01 **56,- / 79,-** ID 104226 / 119231					MYSLM.
Opt. 41 -JKL **– / 150,-** ID 119220 **Reduced price**	**Opt. 51 -JKL** **– / 260,-** ID 120557 **Reduced price**				MWLZ.
Opt. 42 +F5 **132,- / 240,-** ID 115506 / 119223					MYMEP.

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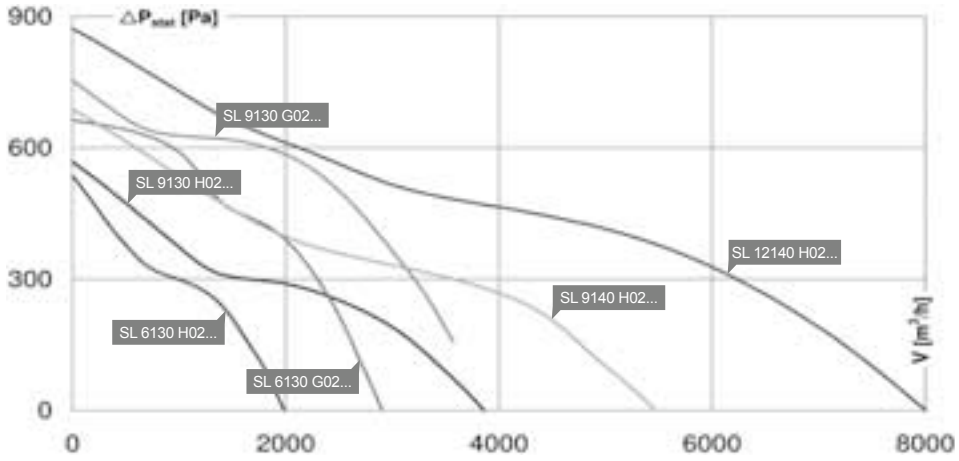
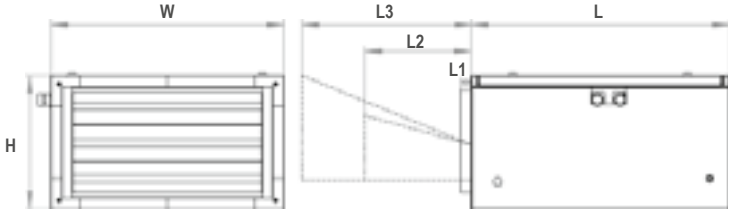


Type	ID	U	f	$I_{max.}$	P_1	Rows	W	H	L	L1	L2	L3	Weight	Wiring diagram
		[V]	[Hz]	[A]	[W]	Heating coil	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]	
SL 6130 G02 01	116517	230V ~	50	5,9	1270	3	667	367	740	-	300	475	68,0	117007
SL 6130 G02J 01	116493	230V ~	50	5,9	1270	3	667	367	740	-	300	475	71,0	
SL 6130 H02 01	116519	230V ~	50	1,6	280	2	667	367	740	15	-	-	68,0	118787
SL 6130 H02J 01	115621	230V ~	50	1,6	280	2	667	367	740	15	-	-	71,0	
SL 9130 G02 01	116528	230V ~	50	8,5	1790	3	967	367	740	-	300	475	96,0	117007
SL 9130 G02J 01	116496	230V ~	50	8,5	1790	3	967	367	740	-	300	475	99,0	
SL 9130 H02 01	116529	230V ~	50	3,4	580	2	967	367	740	15	-	-	96,0	120990
SL 9130 H02J 01	115671	230V ~	50	3,4	580	2	967	367	740	15	-	-	99,0	
SL 9140 H02 01	115707	230V ~	50	6,5	1090	3	967	467	740	68	-	-	114,0	120990
SL 9140 H02J 01	116669	230V ~	50	6,5	1090	3	967	467	740	68	-	-	116,0	
SL 12140 H02 01	119786	230V ~	50	11,0	1950	3	1267	467	785	80	-	-	115,0	120990
SL 12140 H02J 01	119721	230V ~	50	11,0	1950	3	1267	467	785	80	-	-	115,0	

L1 = Etaline L2 = Short diffuser L3 = Sound diffuser

- J-Version with control
- 3-step fan setting
- Room or supply air temperature control
- Integrated main switch
- Easy installation



n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

SL SLIGHTLINE, Supply AHU, Filter, Heater, Fan (Control)

Specific Accessories
For details see page: 134

Isolator Switch

Damper actuator
24 V, 3-Point Control

Damper actuator
230 V, 3-Point Control

Pressure sensor
50-500 Pa

Frost protection thermostat

Damper eliminated

F7 Filter instead of F5 Filter

Three way ball valve
For Heating Coil

Sound diffuser

Without heating coil

	EUR	EUR	EUR	EUR	
	SL 6130 G02 01 1850,- ID 116517 230V ~/50Hz 60 °C 2900 m³/h 1.270 W 5,9 A 72/80/59 db(A) Dampers Filter F5 Heating LPHW Fan: Forward curved impeller	**SL 6130 H02 01** 1340,- ID 116519 230V ~/50Hz 55 °C 2020 m³/h 280 W 1,6 A 72/81/56 db(A) Dampers Filter F5 Heating LPHW Fan: Etaline	**SL 9130 G02 01** 2120,- ID 116528 230V ~/50Hz 45 °C 3900 m³/h 1.790 W 8,5 A 76/83/57 db(A) Dampers Filter F5 Heating LPHW Fan: Forward curved impeller	**SL 9130 H02 01** 1840,- ID 116529 230V ~/50Hz 55 °C 3860 m³/h 580 W 3,4 A 75/84/60 db(A) Dampers Filter F5 Heating LPHW Fan: Etaline	MWLZ.
	Loose / Mounted	Loose / Mounted	Loose / Mounted	Loose / Mounted	
	GS 01 60,- / 80,- ID 102787 / 119230	**GS 01** 60,- / 80,- ID 102787 / 119230	**GS 01** 60,- / 80,- ID 102787 / 119230	**GS 01** 60,- / 80,- ID 102787 / 119230	MYSR.
	STA 01 185,- / 210,- ID 103590 / 119234	**STA 01** 185,- / 210,- ID 103590 / 119234	**STA 01** 185,- / 210,- ID 103590 / 119234	**STA 01** 185,- / 210,- ID 103590 / 119234	MYSLS.
	STA 11 184,- / 210,- ID 103933 / 119235	**STA 11** 184,- / 210,- ID 103933 / 119235	**STA 11** 184,- / 210,- ID 103933 / 119235	**STA 11** 184,- / 210,- ID 103933 / 119235	MYSLS.
	MAN 01 56,- / 79,- ID 104226 / 119231	**MAN 01** 56,- / 79,- ID 104226 / 119231	**MAN 01** 56,- / 79,- ID 104226 / 119231	**MAN 01** 56,- / 79,- ID 104226 / 119231	MYSLM.
	THE 01 139,- / 160,- ID 103666 / 119233	**THE 01** 139,- / 160,- ID 103666 / 119233	**THE 01** 139,- / 160,- ID 103666 / 119233	**THE 01** 139,- / 160,- ID 103666 / 119233	MYSLT.
	Opt. 21 -JKL – / 85,- ID 119227 Reduced price	**Opt. 21 -JKL** – / 85,- ID 119227 Reduced price	**Opt. 31 -JKL** – / 115,- ID 119219 Reduced price	**Opt. 31 -JKL** – / 115,- ID 119219 Reduced price	MWLZ.
	Opt. 23 -F5/+F7 – / 22,- ID 119224	**Opt. 23 -F5/+F7** – / 22,- ID 119224	**Opt. 33 -F5/+F7** – / 18,- ID 119225	**Opt. 33 -F5/+F7** – / 18,- ID 119225	MWLZ.
	STK 02 470,- / – ID 112935	**STK 01** 447,- / – ID 112934	**STK 02** 470,- / – ID 112935	**STK 02** 470,- / – ID 112935	MYSLS.
	SDK 0130 160,- / – ID 115830		**SDK 0130** 160,- / – ID 115830		MYMZD.
	Opt. 26 -3RR – / 200,- ID 122199 Reduced price	**Opt. 27 -2RR** – / 165,- ID 122200 Reduced price	**Opt. 36 -3RR** – / 275,- ID 122202 Reduced price	**Opt. 37 -2RR** – / 210,- ID 122201 Reduced price	MWLZ.

Specific Accessories
For details see page: 134

F7 Filter instead of F5 Filter

Three way ball valve
For Heating Coil

Sound diffuser

Without heating coil

Modbus

	SL 6130 G02J 01 3130,- ID 116493 230V ~/50Hz 60 °C 2900 m³/h 1.270 W 5,9 A **With control** Dampers Filter F5 Heating LPHW Fan: Forward curved impeller	**SL 6130 H02J 01** 2460,- ID 115621 230V ~/50Hz 55 °C 2020 m³/h 280 W 1,6 A 71/81/54 db(A) **With control** Dampers Filter F5 Heating LPHW Fan: Etaline	**SL 9130 G02J 01** 3480,- ID 116496 230V ~/50Hz 45 °C 3900 m³/h 1.790 W 8,5 A **With control** Dampers Filter F5 Heating LPHW Fan: Forward curved impeller	**SL 9130 H02J 01** 2980,- ID 115671 230V ~/50Hz 55 °C 3860 m³/h 580 W 3,4 A **With control** Dampers Filter F5 Heating LPHW Fan: Etaline	MWLZ.
	Opt. 23 -F5/+F7 – / 22,- ID 119224	**Opt. 23 -F5/+F7** – / 22,- ID 119224	**Opt. 33 -F5/+F7** – / 18,- ID 119225	**Opt. 33 -F5/+F7** – / 18,- ID 119225	MWLZ.
	STK 02 470,- / – ID 112935	**STK 01** 447,- / – ID 112934	**STK 02** 470,- / – ID 112935	**STK 02** 470,- / – ID 112935	MYSLS.
	SDK 0130 160,- / – ID 115830		**SDK 0130** 160,- / – ID 115830		MYMZD.
	Opt. 26 -3RR – / 200,- ID 122199 Reduced price	**Opt. 27 -2RR** – / 165,- ID 122200 Reduced price	**Opt. 36 -3RR** – / 275,- ID 122202 Reduced price	**Opt. 37 -2RR** – / 210,- ID 122201 Reduced price	MWLZ.
	COM 01 240,- / – ID 122872	**COM 01** 240,- / – ID 122872	**COM 01** 240,- / – ID 122872	**COM 01** 240,- / – ID 122872	MYSC.

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	EUR	EUR			
MWLZ.	**SL 9140 H02 01** **2700,-** ID 115707 230V ~/50Hz 70 °C 5470 m³/h 1.090 W 6,5 A 78/87/64 db(A) Dampers Filter F5 Heating LPHW Fan: Etaline	**SL 12140 H02 01** **3300,-** ID 119786 230V ~/50Hz 45 °C 8000 m³/h 1.950 W 11,0 A 84/92/66 db(A) Dampers Filter F5 Heating LPHW Fan: Etaline			
	Loose / Mounted	**Loose / Mounted**			
MYSR.	**GS 01** **60,- / 80,-** ID 102787 / 119230	**GS 01** **60,- / 80,-** ID 102787 / 119230			
MYSLS.	**STA 01** **185,- / 210,-** ID 103590 / 119234	**STA 01** **185,- / 210,-** ID 103590 / 119234			
MYSLS.	**STA 11** **184,- / 210,-** ID 103933 / 119235	**STA 11** **184,- / 210,-** ID 103933 / 119235			
MYSLM.	**MAN 01** **56,- / 79,-** ID 104226 / 119231	**MAN 01** **56,- / 79,-** ID 104226 / 119231			
MYSLT.	**THE 01** **139,- / 160,-** ID 103666 / 119233	**THE 01** **139,- / 160,-** ID 103666 / 119233			
MWLZ.	**Opt. 41 -JKL** **– / 150,-** ID 119220 **Reduced price**	**Opt. 51 -JKL** **– / 260,-** ID 120557 **Reduced price**			
MWLZ.	**Opt. 43 -F5/+F7** **– / 23,-** ID 119226	**Opt. 53 -F5/+F7** **– / 45,-** ID 122106			
MYSLS.	**STK 03** **525,- / –** ID 112936	**STK 03** **525,- / –** ID 112936			
MWLZ.	**Opt. 46 -3RR** **– / 400,-** ID 122203 **Reduced price**	**Opt. 56 -3RR** **– / 500,-** ID 122204 **Reduced price**			

Specific Accessories
For details see page: 134

Isolator Switch

Damper actuator
24 V, 3-Point Control

Damper actuator
230 V, 3-Point Control

Pressure sensor
50-500 Pa

Frost protection thermostat

Damper eliminated

F7 Filter instead of F5 Filter

Three way ball valve
For Heating Coil

Without heating coil

MWLZ.	**SL 9140 H02J 01** **4080,-** ID 116669 230V ~/50Hz 70 °C 5470 m³/h 1.090 W 6,5 A 78/87/64 db(A) **With control** Dampers Filter F5 Heating LPHW Fan: Etaline	**SL 12140 H02J 01** **5200,-** ID 119721 230V ~/50Hz 45 °C 8000 m³/h 1.950 W 11,0 A 84/92/66 db(A) **With control** Dampers Filter F5 Heating LPHW Fan: Etaline			

Specific Accessories
For details see page: 134

MYSLS.	**Opt. 43 -F5/+F7** **– / 23,-** ID 119226	**Opt. 53 -F5/+F7** **– / 45,-** ID 122106			
MYSLS.	**STK 03** **525,- / –** ID 112936	**STK 03** **525,- / –** ID 112936			
MWLZ.	**Opt. 46 -3RR** **– / 400,-** ID 122203 **Reduced price**	**Opt. 56 -3RR** **– / 500,-** ID 122204 **Reduced price**			
MYSC.	**COM 01** **240,- / –** ID 122872	**COM 01** **240,- / –** ID 122872			

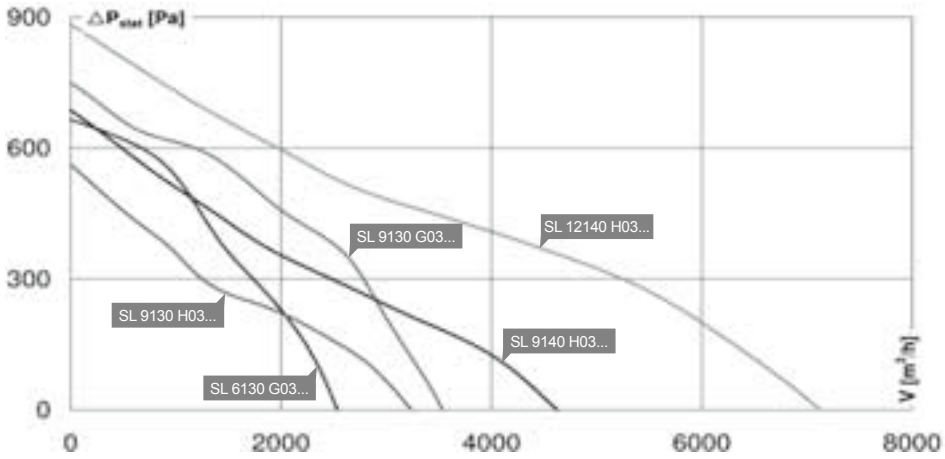
F7 Filter instead of F5 Filter

Three way ball valve
For Heating Coil

Without heating coil

Modbus

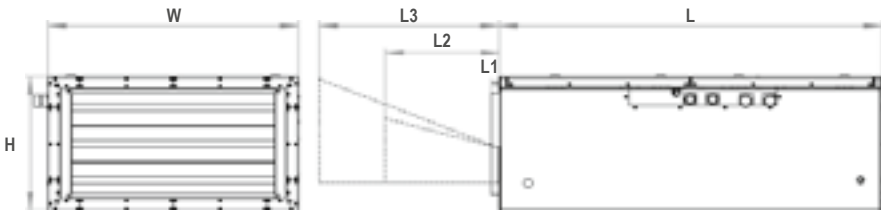
n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br



Type	ID	U	f	$I_{max.}$	P_1	Rows	Rows	W	H	L	L1	L2	L3	Weight	Wiring diagram
		[V]	[Hz]	[A]	[W]	Heating coil	Cooling coil	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]	
SL 6130 G03 01	116522	230V ~	50	5,2	1100	3	4	668	367	1020	-	300	475	85,0	117007
SL 6130 G03J 01	116499	230V ~	50	5,2	1100	3	4	667	367	1020	-	300	475	88,0	
SL 6130 G03 02	116626	230V ~	50	5,2	1100	3	4	668	367	1020	-	300	475	85,0	117007
SL 6130 G03J 02	116625	230V ~	50	5,2	1100	3	4	667	367	1020	-	300	475	88,0	
SL 9130 G03 01	116535	230V ~	50	8,3	1620	3	4	968	367	1020	-	300	475	120,0	117007
SL 9130 G03J 01	116502	230V ~	50	8,3	1620	3	4	967	367	1020	-	300	475	123,0	
SL 9130 G03 02	116630	230V ~	50	8,3	1620	3	4	968	367	1020	-	300	475	120,0	117007
SL 9130 G03J 02	116629	230V ~	50	8,3	1620	3	4	967	367	1020	-	300	475	123,0	
SL 9130 H03 01	116537	230V ~	50	3,3	540	2	3	968	367	1020	25	-	-	120,0	120990
SL 9130 H03J 01	116486	230V ~	50	3,3	540	2	3	967	367	1019	25	-	-	123,0	
SL 9130 H03 02	116632	230V ~	50	3,3	540	2	4	967	367	1020	25	-	-	120,0	120990
SL 9130 H03J 02	116631	230V ~	50	3,3	540	2	4	967	367	1020	25	-	-	123,0	
SL 9140 H03 01	116886	230V ~	50	6,3	1040	3	4	967	467	1020	68	-	-	138,0	120990
SL 9140 H03J 01	117195	230V ~	50	6,3	1040	3	4	967	467	1020	68	-	-	140,0	
SL 9140 H03 02	116887	230V ~	50	6,3	1040	3	4	968	467	1020	68	-	-	138,0	120990
SL 9140 H03J 02	116888	230V ~	50	6,3	1040	3	4	967	467	1020	67	-	-	140,0	
SL 12140 H03 01	120543	230V ~	50	11,0	1930	3	4	1267	467	1115	78	-	-	150,0	120990
SL 12140 H03J 01	119704	230V ~	50	11,0	1930	3	4	1267	467	1115	78	-	-	150,0	
SL 12140 H03 02	120541	230V ~	50	11,0	1930	3	4	1267	467	1115	78	-	-	150,0	120990
SL 12140 H03J 02	119705	230V ~	50	11,0	1930	3	4	1267	467	1115	78	-	-	150,0	

L1 = Etaline L2 = Short diffuser L3 = Sound diffuser

- J-Version with control
- 3-step fan setting
- Room or supply air temperature control
- Integrated main switch
- Easy installation



	EUR	EUR	EUR	EUR
MWLZ.	**SL 6130 G03 01** 2660,- ID 116522 230V ~/50Hz 60 °C 2560 m³/h 1.100 W 5,2 A 70/80/58 db(A) Dampers Filter F5 Heating LPHW Cooling coil cold water Fan: Forward curved impeller	**SL 6130 G03 02** 2670,- ID 116626 230V ~/50Hz 60 °C 2560 m³/h 1.100 W 5,2 A 70/80/58 db(A) Dampers Filter F5 Heating LPHW DX coil Fan: Forward curved impeller	**SL 9130 G03 01** 3150,- ID 116535 230V ~/50Hz 45 °C 3540 m³/h 1.620 W 8,3 A 74/82/57 db(A) Dampers Filter F5 Heating LPHW Cooling coil cold water Fan: Forward curved impeller	**SL 9130 G03 02** 3180,- ID 116630 230V ~/50Hz 45 °C 3540 m³/h 1.620 W 8,3 A 74/82/57 db(A) Dampers Filter F5 Heating LPHW DX coil Fan: Forward curved impeller
	Loose / Mounted	**Loose / Mounted**	**Loose / Mounted**	**Loose / Mounted**
MYSR.	**GS 01** 60,- / 80,- ID 102787 / 119230	**GS 01** 60,- / 80,- ID 102787 / 119230	**GS 01** 60,- / 80,- ID 102787 / 119230	**GS 01** 60,- / 80,- ID 102787 / 119230
MYSLS.	**STA 01** 185,- / 210,- ID 103590 / 119234	**STA 01** 185,- / 210,- ID 103590 / 119234	**STA 01** 185,- / 210,- ID 103590 / 119234	**STA 01** 185,- / 210,- ID 103590 / 119234
MYSLS.	**STA 11** 184,- / 210,- ID 103933 / 119235	**STA 11** 184,- / 210,- ID 103933 / 119235	**STA 11** 184,- / 210,- ID 103933 / 119235	**STA 11** 184,- / 210,- ID 103933 / 119235
MYSLM.	**MAN 01** 56,- / 79,- ID 104226 / 119231	**MAN 01** 56,- / 79,- ID 104226 / 119231	**MAN 01** 56,- / 79,- ID 104226 / 119231	**MAN 01** 56,- / 79,- ID 104226 / 119231
MYSLT.	**THE 01** 139,- / 160,- ID 103666 / 119233	**THE 01** 139,- / 160,- ID 103666 / 119233	**THE 01** 139,- / 160,- ID 103666 / 119233	**THE 01** 139,- / 160,- ID 103666 / 119233
MWLZ.	**Opt. 21 -JKL** – / 85,- ID 119227 **Reduced price**	**Opt. 21 -JKL** – / 85,- ID 119227 **Reduced price**	**Opt. 31 -JKL** – / 115,- ID 119219 **Reduced price**	**Opt. 31 -JKL** – / 115,- ID 119219 **Reduced price**
MWLZ.	**Opt. 23 -F5/+F7** – / 22,- ID 119224	**Opt. 23 -F5/+F7** – / 22,- ID 119224	**Opt. 33 -F5/+F7** – / 18,- ID 119225	**Opt. 33 -F5/+F7** – / 18,- ID 119225
MYSLS.	**STK 02** 470,- / – ID 112935	**STK 02** 470,- / – ID 112935	**STK 02** 470,- / – ID 112935	**STK 02** 470,- / – ID 112935
MYSLS.	**STK 03** 525,- / – ID 112936	**STK 03** 525,- / – ID 112936	**STK 03** 525,- / – ID 112936	**STK 03** 525,- / – ID 112936
MYMZD.	**SDK 0130** 160,- / – ID 115830	**SDK 0130** 160,- / – ID 115830	**SDK 0130** 160,- / – ID 115830	**SDK 0130** 160,- / – ID 115830
MWLZ.	**Opt. 26 -3RR** – / 200,- ID 122199 **Reduced price**	**Opt. 26 -3RR** – / 200,- ID 122199 **Reduced price**	**Opt. 36 -3RR** – / 275,- ID 122202 **Reduced price**	**Opt. 36 -3RR** – / 275,- ID 122202 **Reduced price**

Specific Accessories
For details see page: 134

Isolator Switch

Damper actuator
24 V, 3-Point Control

Damper actuator
230 V, 3-Point Control

Pressure sensor
50-500 Pa

Frost protection thermostat

Damper eliminated

F7 Filter instead of F5 Filter

Three way ball valve
For Heating Coil

Three way ball valve
For Cooling Coil

Sound diffuser

Without heating coil

MWLZ.	**SL 6130 G03J 01** 4070,- ID 116499 230V ~/50Hz 60 °C 2560 m³/h 1.100 W 5,2 A **With control** Dampers Filter F5 Heating LPHW Cooling coil cold water Fan: Forward curved impeller	**SL 6130 G03J 02** 4040,- ID 116625 230V ~/50Hz 60 °C 2560 m³/h 1.100 W 5,2 A **With control** Dampers Filter F5 Heating LPHW DX coil Fan: Forward curved impeller	**SL 9130 G03J 01** 4620,- ID 116502 230V ~/50Hz 45 °C 3540 m³/h 1.620 W 8,3 A 74/82/57 db(A) **With control** Dampers Filter F5 Heating LPHW Cooling coil cold water Fan: Forward curved impeller	**SL 9130 G03J 02** 4580,- ID 116629 230V ~/50Hz 45 °C 3540 m³/h 1.620 W 8,3 A 74/82/57 db(A) **With control** Dampers Filter F5 Heating LPHW DX coil Fan: Forward curved impeller

Specific Accessories
For details see page: 134

MWLZ.	**Opt. 23 -F5/+F7** – / 22,- ID 119224	**Opt. 23 -F5/+F7** – / 22,- ID 119224	**Opt. 33 -F5/+F7** – / 18,- ID 119225	**Opt. 33 -F5/+F7** – / 18,- ID 119225
MYSLS.	**STK 02** 470,- / – ID 112935	**STK 02** 470,- / – ID 112935	**STK 02** 470,- / – ID 112935	**STK 02** 470,- / – ID 112935
MYSLS.	**STK 03** 525,- / – ID 112936	**STK 03** 525,- / – ID 112936	**STK 03** 525,- / – ID 112936	**STK 03** 525,- / – ID 112936
MYMZD.	**SDK 0130** 160,- / – ID 115830	**SDK 0130** 160,- / – ID 115830	**SDK 0130** 160,- / – ID 115830	**SDK 0130** 160,- / – ID 115830
MWLZ.	**Opt. 26 -3RR** – / 200,- ID 122199 **Reduced price**	**Opt. 26 -3RR** – / 200,- ID 122199 **Reduced price**	**Opt. 36 -3RR** – / 275,- ID 122202 **Reduced price**	**Opt. 36 -3RR** – / 275,- ID 122202 **Reduced price**
MYSC.	**COM 01** 240,- / – ID 122872	**COM 01** 240,- / – ID 122872	**COM 01** 240,- / – ID 122872	**COM 01** 240,- / – ID 122872

F7 Filter instead of F5 Filter

Three way ball valve
For Heating Coil

Three way ball valve
For Cooling Coil

Sound diffuser

Without heating coil

Modbus

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EUR	EUR	EUR	EUR	
SL 9130 H03 01 2760,- ID 116537 230V ~/50Hz 55 °C 3240 m³/h 540 W 3,3 A 74/84/60 db(A) Dampers Filter F5 Heating LPHW Cooling coil cold water Fan: Etaline	**SL 9130 H03 02** 2880,- ID 116632 230V ~/50Hz 55 °C 3240 m³/h 540 W 3,3 A 74/84/60 db(A) Dampers Filter F5 Heating LPHW DX coil Fan: Etaline	**SL 9140 H03 01** 3900,- ID 116886 230V ~/50Hz 70 °C 4630 m³/h 1.040 W 6,3 A 78/88/65 db(A) Dampers Filter F5 Heating LPHW Cooling coil cold water Fan: Etaline	**SL 9140 H03 02** 3900,- ID 116887 230V ~/50Hz 70 °C 4630 m³/h 1.040 W 6,3 A 78/88/65 db(A) Dampers Filter F5 Heating LPHW DX coil Fan: Etaline	MWLZ.

Specific Accessories
For details see page: 134

Loose / Mounted	Loose / Mounted	Loose / Mounted	Loose / Mounted	
GS 01 60,- / 80,- ID 102787 / 119230	**GS 01** 60,- / 80,- ID 102787 / 119230	**GS 01** 60,- / 80,- ID 102787 / 119230	**GS 01** 60,- / 80,- ID 102787 / 119230	MYSR.
STA 01 185,- / 210,- ID 103590 / 119234	**STA 01** 185,- / 210,- ID 103590 / 119234	**STA 01** 185,- / 210,- ID 103590 / 119234	**STA 01** 185,- / 210,- ID 103590 / 119234	MYSLS.
STA 11 184,- / 210,- ID 103933 / 119235	**STA 11** 184,- / 210,- ID 103933 / 119235	**STA 11** 184,- / 210,- ID 103933 / 119235	**STA 11** 184,- / 210,- ID 103933 / 119235	MYSLS.
MAN 01 56,- / 79,- ID 104226 / 119231	**MAN 01** 56,- / 79,- ID 104226 / 119231	**MAN 01** 56,- / 79,- ID 104226 / 119231	**MAN 01** 56,- / 79,- ID 104226 / 119231	MYSLM.
THE 01 139,- / 160,- ID 103666 / 119233	**THE 01** 139,- / 160,- ID 103666 / 119233	**THE 01** 139,- / 160,- ID 103666 / 119233	**THE 01** 139,- / 160,- ID 103666 / 119233	MYSLT.
Opt. 31 -JKL – / 115,- ID 119219 Reduced price	**Opt. 31 -JKL** – / 115,- ID 119219 Reduced price	**Opt. 41 -JKL** – / 150,- ID 119220 Reduced price	**Opt. 41 -JKL** – / 150,- ID 119220 Reduced price	MWLZ.
Opt. 33 -F5/+F7 – / 18,- ID 119225	**Opt. 33 -F5/+F7** – / 18,- ID 119225	**Opt. 43 -F5/+F7** – / 23,- ID 119226	**Opt. 43 -F5/+F7** – / 23,- ID 119226	MWLZ.
STK 02 470,- / – ID 112935	**STK 02** 470,- / – ID 112935	**STK 03** 525,- / – ID 112936	**STK 03** 525,- / – ID 112936	MYSLS.
STK 03 525,- / – ID 112936	**STK 03** 525,- / – ID 112936	**STK 04** 683,- / – ID 117602	**STK 04** 683,- / – ID 117602	MYSLS.
Opt. 37 -2RR – / 210,- ID 122201 Reduced price	**Opt. 37 -2RR** – / 210,- ID 122201 Reduced price	**Opt. 46 -3RR** – / 400,- ID 122203 Reduced price	**Opt. 46 -3RR** – / 400,- ID 122203 Reduced price	MWLZ.

Isolator Switch

Damper actuator
24 V, 3-Point Control

Damper actuator
230 V, 3-Point Control

Pressure sensor
50-500 Pa

Frost protection thermostat

Damper eliminated

F7 Filter instead of F5 Filter

Three way ball valve
For Heating Coil

Three way ball valve
For Cooling Coil

Without heating coil

EUR	EUR	EUR	EUR	
SL 9130 H03J 01 4040,- ID 116486 230V ~/50Hz 55 °C 3230 m³/h 540 W 3,3 A 74/84/61 db(A) **With control** Dampers Filter F5 Heating LPHW Cooling coil cold water Fan: Etaline	**SL 9130 H03J 02** 4100,- ID 116631 230V ~/50Hz 55 °C 3230 m³/h 540 W 3,3 A 74/84/61 db(A) **With control** Dampers Filter F5 Heating LPHW DX coil Fan: Etaline	**SL 9140 H03J 01** 5380,- ID 117195 230V ~/50Hz 70 °C 4630 m³/h 1.040 W 6,3 A 78/88/65 db(A) **With control** Dampers Filter F5 Heating LPHW Cooling coil cold water Fan: Etaline	**SL 9140 H03J 02** 5380,- ID 116888 230V ~/50Hz 70 °C 4630 m³/h 1.040 W 6,3 A 78/88/65 db(A) **With control** Dampers Filter F5 Heating LPHW DX coil Fan: Etaline	MWLZ.

Specific Accessories
For details see page: 134

Opt. 33 -F5/+F7 – / 18,- ID 119225	**Opt. 33 -F5/+F7** – / 18,- ID 119225	**Opt. 43 -F5/+F7** – / 23,- ID 119226	**Opt. 43 -F5/+F7** – / 23,- ID 119226	MWLZ.
STK 02 470,- / – ID 112935	**STK 02** 470,- / – ID 112935	**STK 03** 525,- / – ID 112936	**STK 03** 525,- / – ID 112936	MYSLS.
STK 03 525,- / – ID 112936	**STK 03** 525,- / – ID 112936	**STK 04** 683,- / – ID 117602	**STK 04** 683,- / – ID 117602	MYSLS.
Opt. 37 -2RR – / 210,- ID 122201 Reduced price	**Opt. 37 -2RR** – / 210,- ID 122201 Reduced price	**Opt. 46 -3RR** – / 400,- ID 122203 Reduced price	**Opt. 46 -3RR** – / 400,- ID 122203 Reduced price	MWLZ.
COM 01 240,- / – ID 122872	**COM 01** 240,- / – ID 122872	**COM 01** 240,- / – ID 122872	**COM 01** 240,- / – ID 122872	MYSC.

F7 Filter instead of F5 Filter

Three way ball valve
For Heating Coil

Three way ball valve
For Cooling Coil

Without heating coil

Modbus

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	EUR	EUR			
MWLZ.	**SL 12140 H03 01** **4900,-** ID 120543 230V ~/50Hz 45 °C 7120 m³/h 1.930 W 11,0 A 84/93/65 db(A) Dampers Filter F5 Heating LPHW Cooling coil cold water Fan: Etaline	**SL 12140 H03 02** **4850,-** ID 120541 230V ~/50Hz 45 °C 7120 m³/h 1.930 W 11,0 A 84/93/65 db(A) Dampers Filter F5 Heating LPHW DX coil Fan: Etaline			
	Loose / Mounted	**Loose / Mounted**			
MYSR.	**GS 01** **60,- / 80,-** ID 102787 / 119230	**GS 01** **60,- / 80,-** ID 102787 / 119230			
MYSLS.	**STA 01** **185,- / 210,-** ID 103590 / 119234	**STA 01** **185,- / 210,-** ID 103590 / 119234			
MYSLS.	**STA 11** **184,- / 210,-** ID 103933 / 119235	**STA 11** **184,- / 210,-** ID 103933 / 119235			
MYSLM.	**MAN 01** **56,- / 79,-** ID 104226 / 119231	**MAN 01** **56,- / 79,-** ID 104226 / 119231			
MYSLT.	**THE 01** **139,- / 160,-** ID 103666 / 119233	**THE 01** **139,- / 160,-** ID 103666 / 119233			
MWLZ.	**Opt. 51 -JKL** **– / 260,-** ID 120557 **Reduced price**	**Opt. 51 -JKL** **– / 260,-** ID 120557 **Reduced price**			
MWLZ.	**Opt. 53 -F5/+F7** **– / 45,-** ID 122106	**Opt. 53 -F5/+F7** **– / 45,-** ID 122106			
MYSLS.	**STK 03** **525,- / –** ID 112936	**STK 03** **525,- / –** ID 112936			
MYSLS.	**STK 04** **683,- / –** ID 117602				
MWLZ.	**Opt. 56 -3RR** **– / 500,-** ID 122204 **Reduced price**	**Opt. 56 -3RR** **– / 500,-** ID 122204 **Reduced price**			

Specific Accessories
For details see page: 134

Isolator Switch

Damper actuator
24 V, 3-Point Control

Damper actuator
230 V, 3-Point Control

Pressure sensor
50-500 Pa

Frost protection thermostat

Damper eliminated

F7 Filter instead of F5 Filter

Three way ball valve
For Heating Coil

Three way ball valve
For Cooling Coil

Without heating coil

MWLZ.	**SL 12140 H03J 01** **6700,-** ID 119704 230V ~/50Hz 45 °C 7120 m³/h 1.930 W 11,0 A 84/93/65 db(A) **With control** Dampers Filter F5 Heating LPHW Cooling coil cold water Fan: Etaline	**SL 12140 H03J 02** **6700,-** ID 119705 230V ~/50Hz 45 °C 7120 m³/h 1.930 W 11,0 A 84/93/65 db(A) **With control** Dampers Filter F5 Heating LPHW DX coil Fan: Etaline			
MWLZ.	**Opt. 53 -F5/+F7** **– / 45,-** ID 122106	**Opt. 53 -F5/+F7** **– / 45,-** ID 122106			
MYSLS.	**STK 03** **525,- / –** ID 112936	**STK 03** **525,- / –** ID 112936			
MYSLS.	**STK 04** **683,- / –** ID 117602				
MWLZ.	**Opt. 56 -3RR** **– / 500,-** ID 122204 **Reduced price**	**Opt. 56 -3RR** **– / 500,-** ID 122204 **Reduced price**			
MYSC.	**COM 01** **240,- / –** ID 122872	**COM 01** **240,- / –** ID 122872			

Specific Accessories
For details see page: 134

F7 Filter instead of F5 Filter

Three way ball valve
For Heating Coil

Three way ball valve
For Cooling Coil

Without heating coil

Modbus

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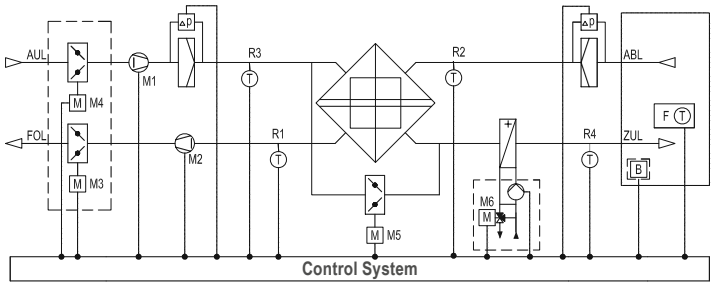
Device alternatives

ETA flat devices for ceiling mounting

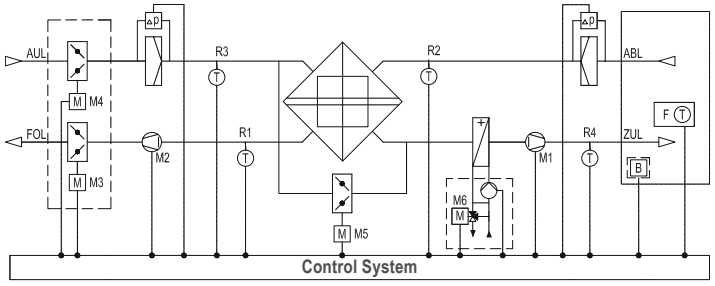
The ultra-compact flat device ETA ... F with counter crossflow heat exchanger is suitable for installation in ceiling voids of office buildings, restaurants or salesrooms. Thus, the ventilation unit can be easily integrated retroactively in building concepts.



Example:
Schema ETA 600 F, available accessories – dashed line

ETA vertical air flow

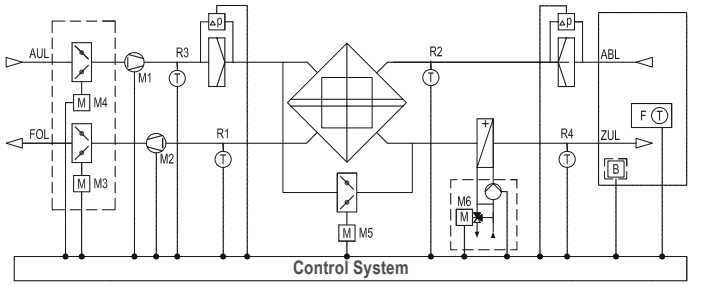
The ETA ... V ventilation unit with counter crossflow heat exchanger is suitable for the ventilation of apartment buildings, office buildings and kindergartens. Due to its short floor space and upward connections, the device can be installed in smallest spaces. In addition to the existing reheater, the integrated supply air bypass enables a pleasant night cooling in summer operation as well and creates a comfortable indoor climate.



Example:
Schema ETA 600 V, available accessories – dashed line

ETA horizontal air flow

In addition to the installation in a technical facilities room, the ETA ... H is also suitable for outdoor installation. A rain cover and covers for the isolator switch are available as accessories. The two-part door allows free access to every mounting part for maintenance and cleaning.



Example:
Schema ETA 600 H, available accessories – dashed line

Legend

M1	= Supply air fan	R2	= Temperature sensor extracted air	Δp	= Filter control	M5	= Actuator bypass damper
M2	= Extract air fan	R3	= Temperature sensor fresh air	M3	= Actuator extract air flap	M6	= Actuator 3-way ball valve
R1	= Temperature sensor exhaust air	R4	= Temperature sensor supply air	M4	= Actuator fresh air flap		

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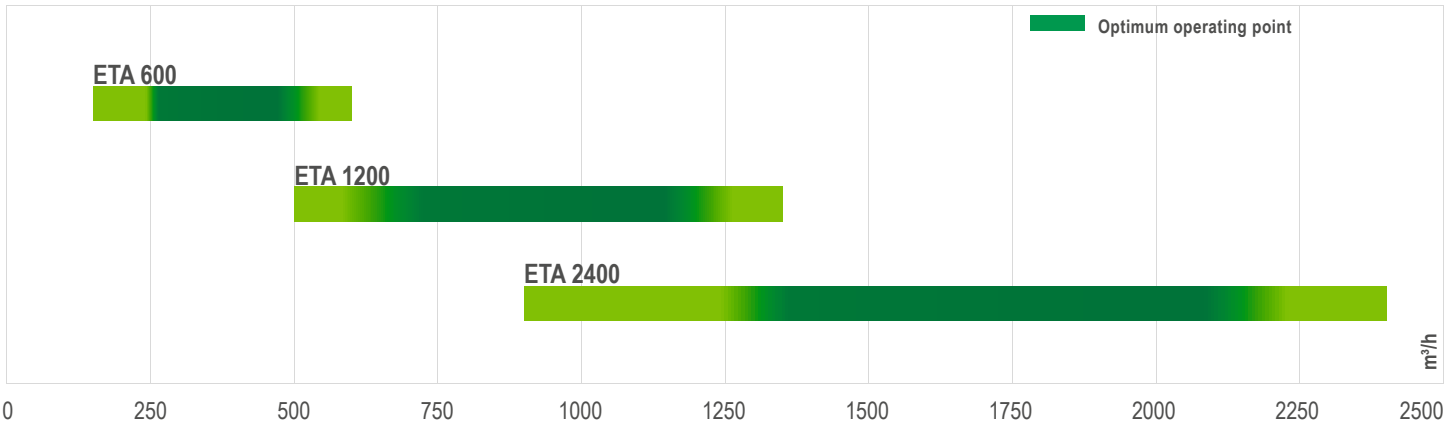
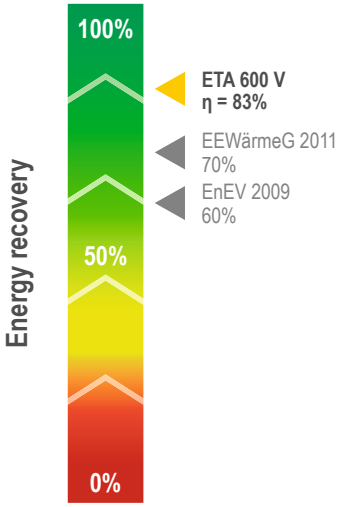
Unit selection

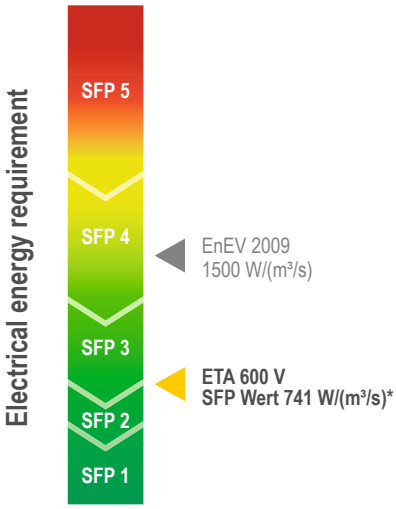


Data at 200 Pa external pressure drop.



ETA 1200 V 10

The ETA ventilation concept is based on high energy efficiency with few interfaces. Therefore, all required components such as counter crossflow heat exchanger, automatic bypass and reheater are already integrated.



ETALINE fans with EC-technology

.Durch den außergewöhnlich hohen Wirkungsgrad des ETALINE EC - Ventilators werden sehr gute Elektroeffizienzwerte erreicht, die besonders den Einsatz in Niedrigenergiebauten ermöglichen.

Legend

η = Efficiency
*At 500 m³/h / 200 Pa External

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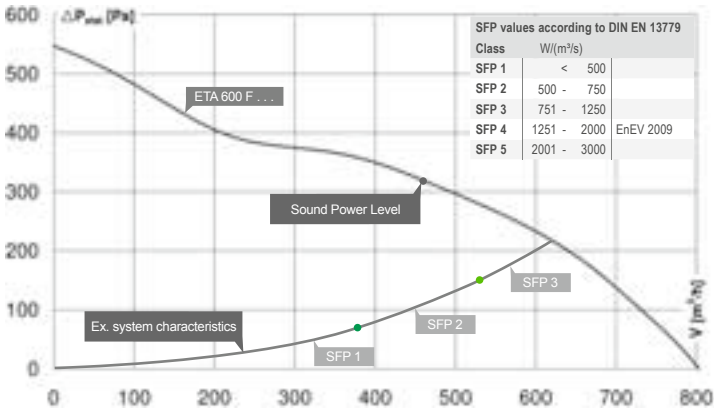
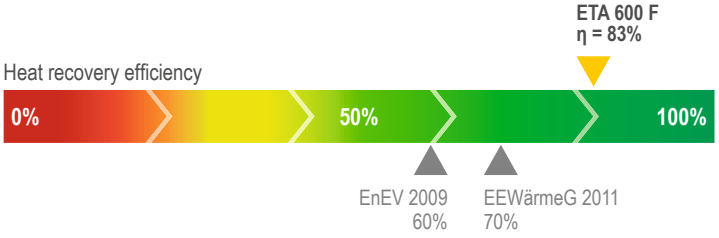


ETA 600 F . . .

- Counter crossflow heat exchanger with efficiency up to 85 %
- EC fans, continuously adjustable
- Automatic bypass for fresh air cooling and de-icing WRG
- Integrated heater battery or electrical reheater
- Integrated control with remote control unit

• SFP class (DIN EN 13779)	2-3
• Speed class (DIN EN 13053)	V1/V2
• Regenerative heat recovery class (DIN EN 13053)	H1
• Housing class (EN 1886)	T3
• Building material class (DIN EN 13 501-1)	A1 inflammable



Hygiene	
Air filter fresh air (EN 779, VDI 6022)	F 7
Air filter extract air (EN 779)	F 5
Filter material	Humidity insensitive, with antibacterial properties
Filter monitoring (VDI 6022)	Integrated filter monitoring with differential pressure sensor
Hygiene system-compatible siphon (VDI 6022)	SYS 01 (Accessories)
Motorised shut-off flap (VDI 6022)	MAK 250 01 (Accessories)

Max. Sound Power Level	∑	125	250	500	1K	2K	4K	8K
Supply LWA 6 [dB (A)]	**58**	40	47	52	53	52	39	28
Exhaust LWA 5 [dB (A)]	**57**	42	44	48	52	49	39	29
Fresh Air LWA 5 [dB (A)]	**75**	44	55	70	71	69	65	58
Extract Air LWA 6 [dB (A)]	**80**	50	66	75	75	74	67	59
Casing LWA 2 [dB (A)]	**51**	39	45	46	46	41	33	26
At 460 m³/h / 320 Pa								

ETA 600 F 10 With hot water reheater

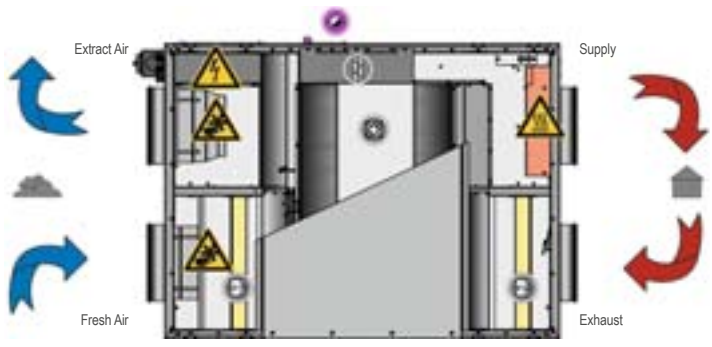
Circuit data	
Heating LPHW:	3000 W
Connection LPHW:	½" AG
Power supply:	230V ~/50Hz
Electr. power consumption: P_1	500 W
Current consumption: $I_{max.}$	3,0 A
Pre-fuse:	16 A
Condensate connection:	½" AG

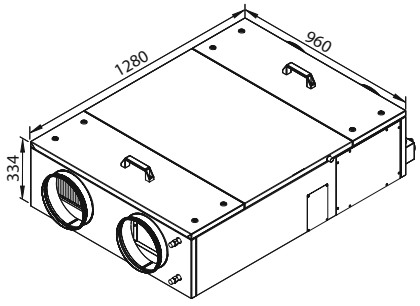
Dimensions	
Length [mm]	1280
Width [mm]	960
Height [mm]	334
Weight [kg]	100
Duct connections:	NW 250

ETA 600 F 16 With electric main heater

Circuit data	
Electr. Heating coil:	3000 W
Power supply:	230V ~/50Hz
Power consumption: P_1	3.500 W
Current consumption: $I_{max.}$	15,0 A
Pre-fuse:	16 A
Condensate connection:	½" AG

Dimensions	
Length [mm]	1280
Width [mm]	960
Height [mm]	334
Weight [kg]	100,5
Duct connections:	NW 250





Counter cross-flow heat exchanger | Air filter (panel filter) filter class 5 | Air filter (panel filter) filter class 7 | Connection for condensate drain | Regulation/electric heater | Heating capacity | Bypass

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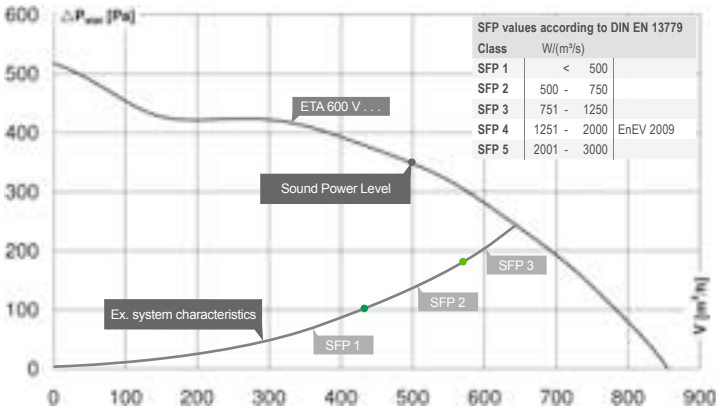
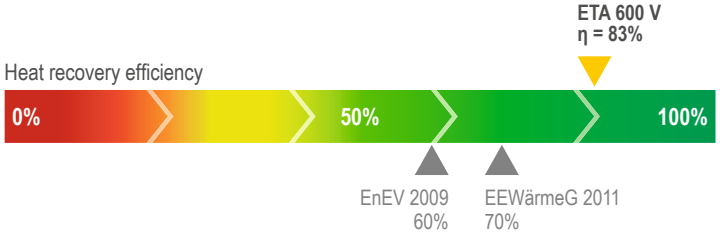


ETA 600 V . . .

- Counter crossflow heat exchanger with efficiency up to 85 %
- EC fans, continuously adjustable
- Automatic bypass for fresh air cooling and de-icing WRG
- Integrated heater battery or electrical reheater
- Integrated control with remote control unit

• SFP class (DIN EN 13779)	2-3
• Speed class (DIN EN 13053)	V1/V2
• Regenerative heat recovery class (DIN EN 13053)	H1
• Housing class (EN 1886)	T2
• Building material class (DIN EN 13 501-1)	A1 inflammable



Hygiene	
Air filter fresh air (EN 779, VDI 6022)	F 7
Air filter extract air (EN 779)	F 5
Filter material	Humidity insensitive, with antibacterial properties
Filter monitoring (VDI 6022)	Integrated filter monitoring with differential pressure sensor
Hygiene system-compatible siphon (VDI 6022)	SYS 01 (Accessories)
Motorised shut-off flap (VDI 6022)	MAK 250 01 (Accessories)

Max. Sound Power Level	∑	125	250	500	1K	2K	4K	8K
Supply $L_{WA\,6}$ [dB (A)]	**77**	45	58	70	73	73	66	59
Exhaust $L_{WA\,5}$ [dB (A)]	**54**	40	44	47	51	47	42	28
Fresh Air $L_{WA\,5}$ [dB (A)]	**52**	37	41	44	47	47	41	27
Extract Air $L_{WA\,6}$ [dB (A)]	**79**	49	64	73	75	73	66	59
Casing $L_{WA\,2}$ [dB (A)]	**49**	35	40	42	44	43	40	27
At 500 m³/h / 350 Pa								

ETA 600 V 10 With hot water reheater

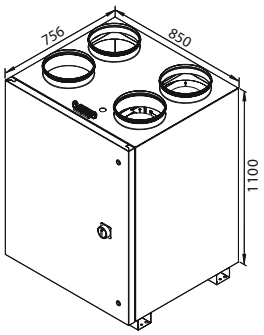
Circuit data	
Heating LPHW:	3000 W
Connection LPHW:	½" AG
Power supply:	230V ~/50Hz
Electr. power consumption: P_1	500 W
Current consumption: $I_{max.}$	3,0 A
Pre-fuse:	16 A
Condensate connection:	1" AG

Dimensions	
Length [mm]	756
Width [mm]	850
Height [mm]	1100
Weight [kg]	144
Duct connections:	NW 250

ETA 600 V 16 With electric main heater

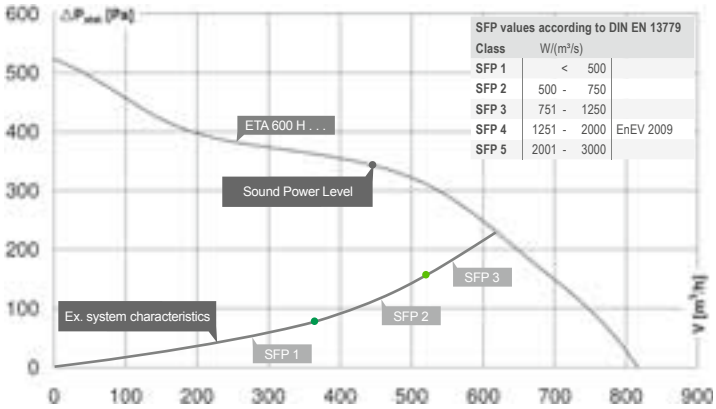
Circuit data	
Electr. Heating coil:	3000 W
Power supply:	230V ~/50Hz
Power consumption: P_1	3.500 W
Current consumption: $I_{max.}$	16,0 A
Pre-fuse:	16 A
Condensate connection:	1" AG

Dimensions	
Length [mm]	756
Width [mm]	850
Height [mm]	1100
Weight [kg]	143
Duct connections:	NW 250



Counter cross-flow heat exchanger · Air filter (panel filter) filter class 7 · Air filter (panel filter) filter class 7 · Connection for condensate drain · Regulation/electric heater · Heating capacity · Bypass

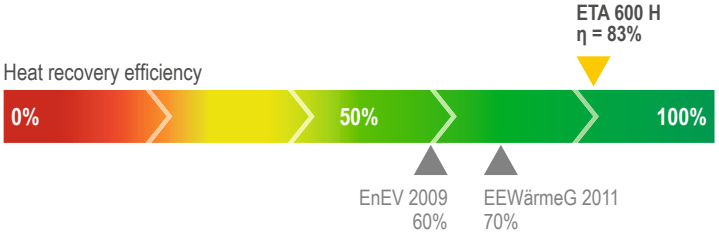
n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br



ETA 600 H . . .

- Counter crossflow heat exchanger with efficiency up to 85 %
- EC fans, continuously adjustable
- Automatic bypass for fresh air cooling and de-icing WRG
- Integrated heater battery or electrical reheater
- Integrated control with remote control unit
- Version right or left
- Rain cover for outdoor installation available as accessory

• SFP class (DIN EN 13779)	2-3
• Speed class (DIN EN 13053)	V1/V2
• Regenerative heat recovery class (DIN EN 13053)	H1
• Housing class (EN 1886)	T2
• Building material class (DIN EN 13 501-1)	A1 inflammable



Hygiene	
Air filter fresh air (EN 779, VDI 6022)	F 7
Air filter extract air (EN 779)	F 5
Filter material	Humidity insensitive, with antibacterial properties
Filter monitoring (VDI 6022)	Integrated filter monitoring with differential pressure sensor
Hygiene system-compatible siphon (VDI 6022)	SYS 01 (Accessories)
Motorised shut-off flap (VDI 6022)	MAK 250 01 (Accessories)

Max. Sound Power Level	∑	125	250	500	1K	2K	4K	8K
Supply LWA 6 [dB (A)]	**59**	38	43	53	56	52	42	30
Exhaust LWA 5 [dB (A)]	**54**	38	39	47	51	49	41	27
Fresh Air LWA 5 [dB (A)]	**75**	44	56	68	70	70	66	59
Extract Air LWA 6 [dB (A)]	**79**	46	60	72	75	75	68	59
Casing LWA 2 [dB (A)]	**50**	36	42	43	44	40	40	29
At 450 m³/h / 350 Pa								

ETA 600 H 10/ETA 600 H 11 With hot water reheater

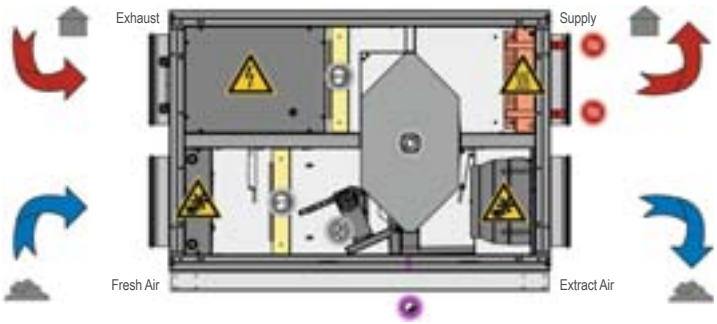
Circuit data	
Heating LPHW:	3000 W
Connection LPHW:	½" AG
Power supply:	230V ~/50Hz
Electr. power consumption: P_1	400 W
Current consumption: $I_{max.}$	2,0 A
Pre-fuse:	16 A
Condensate connection:	1" AG

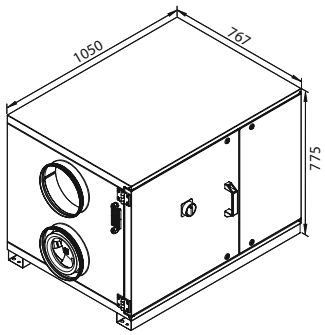
Dimensions	
Length [mm]	1050
Width [mm]	767
Height [mm]	775
Weight [kg]	112
Duct connections:	NW 250

ETA 600 H 16/ETA 600 H 17 With electric main heater

Circuit data	
Electr. Heating coil:	3000 W
Power supply:	230V ~/50Hz
Power consumption: P_1	3.400 W
Current consumption: $I_{max.}$	15,0 A
Pre-fuse:	16 A
Condensate connection:	1" AG

Dimensions	
Length [mm]	1050
Width [mm]	767
Height [mm]	775
Weight [kg]	111
Duct connections:	NW 250





Counter cross-flow heat exchanger | Air filter (panel filter) filter class 5 | Air filter (panel filter) filter class 7 | Connection for condensate drain | Regulation/electric heater | Heating capacity | Bypass

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br




	EUR	EUR	EUR	EUR	
MWE.	**ETA 600 F 10** 4900,- ID 123731 230V ~/50Hz 40 °C 800 m³/h 500 W 3,0 A 75/58/51 db(A)	**ETA 600 V 10** 5500,- ID 123717 230V ~/50Hz 40 °C 855 m³/h 500 W 2,0 A 52/77/49 db(A)	**ETA 600 H 10** 5600,- ID 123578 230V ~/50Hz 40 °C 840 m³/h 400 W 2,0 A 75/59/50 db(A) Connection side right	**ETA 600 H 11** 5600,- ID 123581 230V ~/50Hz 40 °C 840 m³/h 400 W 2,0 A 75/59/50 db(A) Connection side left	**Heating LPHW**
MWE.	**ETA 600 F 16** 4900,- ID 123733 230V ~/50Hz 40 °C 800 m³/h 3.500 W 15,0 A 75/58/51 db(A)	**ETA 600 V 16** 5500,- ID 123720 230V ~/50Hz 40 °C 855 m³/h 3.500 W 16,0 A 52/77/49 db(A)	**ETA 600 H 16** 5600,- ID 123584 230V ~/50Hz 40 °C 840 m³/h 3.400 W 15,0 A 75/59/50 db(A) Connection side right	**ETA 600 H 17** 5600,- ID 123587 230V ~/50Hz 40 °C 840 m³/h 3.400 W 15,0 A 75/59/50 db(A) Connection side left	**Electr. Heating coil** No cooling function **Specific Accessories** For details see page: 134
MYMEP.	**LFP 08 F5** 55,- ID 123521	**LFP 10 F5** 45,- ID 108377	**LFP 33 F5** 60,- ID 125557	**LFP 33 F5** 60,- ID 125557	**Replacement Filter F5**
MYMEP.	**LFP 08 F7** 58,- ID 123522	**LFP 10 F7** 48,- ID 123524	**LFP 33 F7** 63,- ID 125556	**LFP 33 F7** 63,- ID 125556	**Replacement Filter F7**
MYMRR.	**MAK 250 01** 495,- ID 124067	**MAK 250 01** 495,- ID 124067	**MAK 250 01** 495,- ID 124067	**MAK 250 01** 495,- ID 124067	**Motor shut-off flap** With spring return
MYMRR.	**MAK 250 02** 285,- ID 124068	**MAK 250 02** 285,- ID 124068	**MAK 250 02** 285,- ID 124068	**MAK 250 02** 285,- ID 124068	**Motor shut-off flap** With actuator
MYMRR.	**RSK 250D** 31,- ID 113488	**RSK 250D** 31,- ID 113488	**RSK 250D** 31,- ID 113488	**RSK 250D** 31,- ID 113488	**Back Draught Shutter** With seal
MYMRV.	**VM 250** 19,- ID 102651	**VM 250** 19,- ID 102651	**VM 250** 19,- ID 102651	**VM 250** 19,- ID 102651	**Fast Clamps** 1 Set = 2 pcs.
MYMRDS.	**SDS 250** 106,- ID 102721	**SDS 250** 106,- ID 102721	**SDS 250** 106,- ID 102721	**SDS 250** 106,- ID 102721	**Duct Silencer** Rigid, 1 m
MYMRDF.	**SDF 250** 110,- ID 102705	**SDF 250** 110,- ID 102705	**SDF 250** 110,- ID 102705	**SDF 250** 110,- ID 102705	**Duct Silencer** Flexibel, 1 m
MYMWK.	**SYS 02** 134,- ID 125204	**SYS 01** 174,- ID 123971	**SYS 01** 174,- ID 123971	**SYS 01** 174,- ID 123971	**Ball siphon** With levelling feet
MYSC.	**COM 01** 240,- ID 122872	**COM 01** 240,- ID 122872	**COM 01** 240,- ID 122872	**COM 01** 240,- ID 122872	**Modbus**
MYMWR.			**RD ETA 600** 285,- ID 124127	**RD ETA 600** 285,- ID 124127	**Rain Cover**
MYMWT.	**KWR 250 01** 675,- ID 124065	**KWR 250 01** 675,- ID 124065	**KWR 250 01** 675,- ID 124065	**KWR 250 01** 675,- ID 124065	**Cooling Coil (LPCW)** Left
MYMWT.	**KWR 250 02** 675,- ID 124066	**KWR 250 02** 675,- ID 124066	**KWR 250 02** 675,- ID 124066	**KWR 250 02** 675,- ID 124066	**Cooling Coil (LPCW)** Right
MWZ.	**STK 01** 447,- ID 112934	**STK 01** 447,- ID 112934	**STK 01** 447,- ID 112934	**STK 01** 447,- ID 112934	**Three way ball valve** DN 15 kvs 0,63
MYSLS.	**STK 05** 447,- ID 121620	**STK 05** 447,- ID 121620	**STK 05** 447,- ID 121620	**STK 05** 447,- ID 121620	**Three way ball valve** DN 15 kvs 1,6

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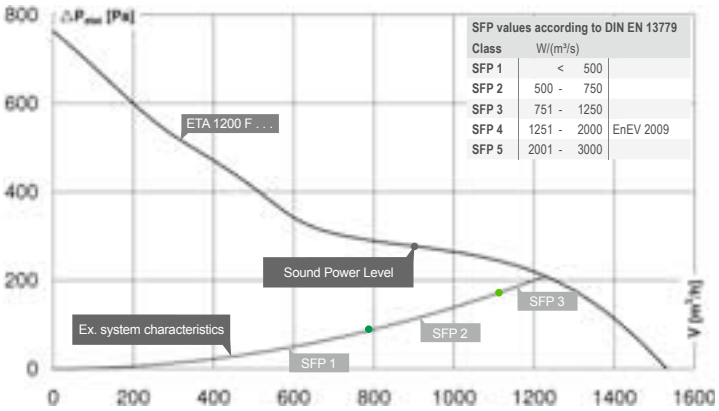
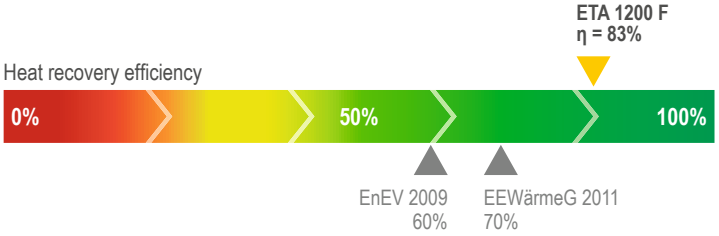


ETA 1200 F . . .

- Counter crossflow heat exchanger with efficiency up to 85 %
- EC fans, continuously adjustable
- Automatic bypass for fresh air cooling and de-icing WRG
- Integrated heater battery or electrical reheater
- Integrated control with remote control unit

• SFP class (DIN EN 13779)	2-3
• Speed class (DIN EN 13053)	V1/V2
• Regenerative heat recovery class (DIN EN 13053)	H1
• Housing class (EN 1886)	T3
• Building material class (DIN EN 13 501-1)	A1 inflammable



Hygiene	
Air filter fresh air (EN 779, VDI 6022)	F 7
Air filter extract air (EN 779)	F 5
Filter material	Humidity insensitive, with antibacterial properties
Filter monitoring (VDI 6022)	Integrated filter monitoring with differential pressure sensor
Hygiene system-compatible siphon (VDI 6022)	SYS 02 (Accessories)
Motorised shut-off flap (VDI 6022)	MAK 315 02 (Accessories)

Max. Sound Power Level	∑	125	250	500	1K	2K	4K	8K
Supply $L_{WA\,6}$ [dB (A)]	**60**	52	53	52	54	52	38	27
Exhaust $L_{WA\,5}$ [dB (A)]	**60**	46	48	53	57	53	42	34
Fresh Air $L_{WA\,5}$ [dB (A)]	**80**	66	71	75	73	72	70	62
Extract Air $L_{WA\,6}$ [dB (A)]	**83**	57	67	76	81	77	69	63
Casing $L_{WA\,2}$ [dB (A)]	**57**	53	52	48	42	39	32	28
At 900 m³/h / 240 Pa								

ETA 1200 F 10 With hot water reheater

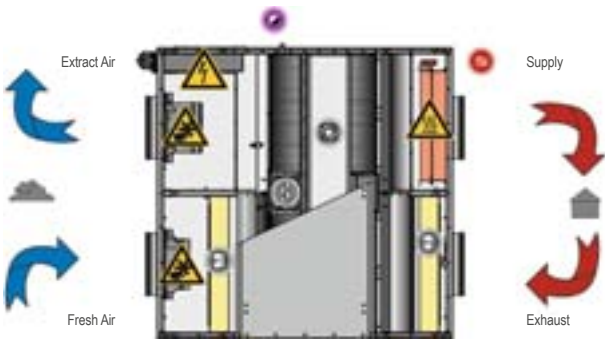
Circuit data	
Heating LPHW:	6000 W
Connection LPHW:	½" IG
Power supply:	230V ~/50Hz
Electr. power consumption: P_1	650 W
Current consumption: $I_{max.}$	3,3 A
Pre-fuse:	16 A
Condensate connection:	½" AG

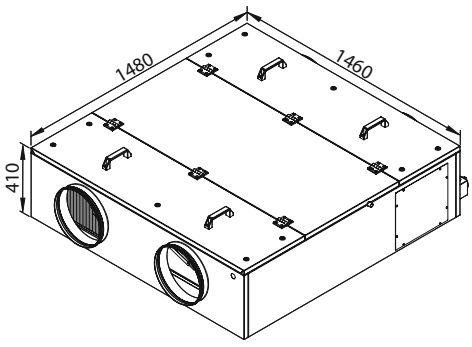
Dimensions	
Length [mm]	1480
Width [mm]	1460
Height [mm]	410
Weight [kg]	184
Duct connections:	NW 315

ETA 1200 F 16 With electric main heater

Circuit data	
Electr. Heating coil:	6000 W
Power supply:	400V 3~N/50Hz
Power consumption: P_1	6.650 W
Current consumption: $I_{max.}$	13,7 A
Pre-fuse:	16,0 A
Condensate connection:	½" AG

Dimensions	
Length [mm]	1480
Width [mm]	1460
Height [mm]	410
Weight [kg]	182
Duct connections:	NW 315





Counter cross-flow heat exchanger · Air filter (panel filter) filter class 7 · Air filter (panel filter) filter class 7 · Connection for condensate drain · Regulation/electric heater · Heating capacity · Bypass

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

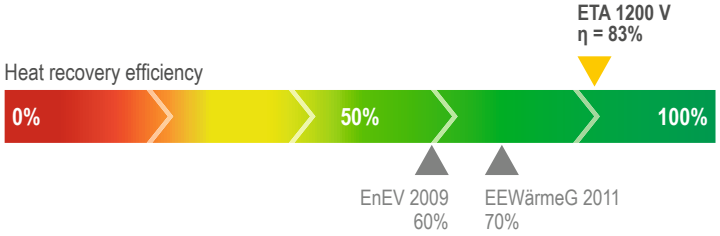
NEW

SFP values according to DIN EN 13779		
Class	W/(m³/s)	
SFP 1	< 500	
SFP 2	500 - 750	
SFP 3	751 - 1250	
SFP 4	1251 - 2000	EnEV 2009
SFP 5	2001 - 3000	

ETA 1200 V . . .

- Counter crossflow heat exchanger with efficiency up to 85 %
- EC fans, continuously adjustable
- Automatic bypass for fresh air cooling and de-icing WRG
- Integrated heater battery or electrical reheater
- Hot water reheater can be used for heat pump operation
- Integrated control with remote control unit

• SFP class (DIN EN 13779)	2- 3
• Speed class (DIN EN 13053)	V1 < 1,5 m/s
• Regenerative heat recovery class (DIN EN 13053)	H1
• Housing class (EN 1886)	T2
• Building material class (DIN EN 13 501-1)	A1 inflammable



Hygiene	
Air filter fresh air (EN 779, VDI 6022)	F7
Air filter extract air (EN 779)	F5
Filter material	Humidity insensitive, with antibacterial properties
Filter monitoring (VDI 6022)	Integrated filter monitoring with differential pressure sensor
Hygiene system-compatible siphon (VDI 6022)	SYS 02 (Accessories)
Motorised shut-off flap (VDI 6022)	MAK 315 01 (Accessories)

Max. Sound Power Level	∑	125	250	500	1K	2K	4K	8K
Supply LWA 6 [dB (A)]	**60**	50	51	54	54	51	46	32
Exhaust LWA 5 [dB (A)]	**59**	45	47	54	55	50	41	28
Fresh Air LWA 5 [dB (A)]	**78**	54	64	72	73	72	68	62
Extract Air LWA 6 [dB (A)]	**84**	66	70	78	81	76	70	63
Casing LWA 2 [dB (A)]	**55**	50	51	47	43	41	40	28
At 1000 m³/h / 280 Pa								

ETA 1200 V 10 With hot water reheater

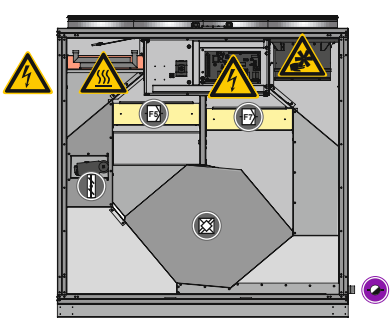
Circuit data	
Heating LPHW:	6000 W
Connection LPHW:	½" IG
Power supply:	230V ~/50Hz
Electr. power consumption: P_1	650 W
Current consumption: $I_{max.}$	3,0 A
Pre-fuse:	16 A
Condensate connection:	1" AG

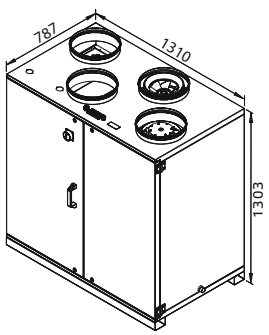
Dimensions	
Length [mm]	1310
Width [mm]	787
Height [mm]	1303
Weight [kg]	213
Duct connections:	NW 315

ETA 1200 V 16 With electric main heater

Circuit data	
Electr. Heating coil:	6000 W
Power supply:	400V 3~N/50Hz
Power consumption: P_1	6.650 W
Current consumption: $I_{max.}$	13,7 A
Pre-fuse:	16 A
Condensate connection:	1" AG

Dimensions	
Length [mm]	1310
Width [mm]	787
Height [mm]	1303
Weight [kg]	210
Duct connections:	NW 315

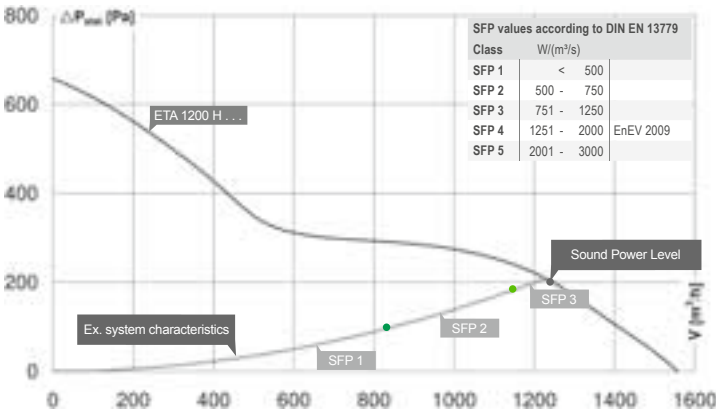




Counter cross-flow heat exchanger | Air filter (panel filter) filter class 7 | Air filter (panel filter) filter class 7 | Connection for condensate drain | Regulation/electric heater | Heating capacity | Bypass

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

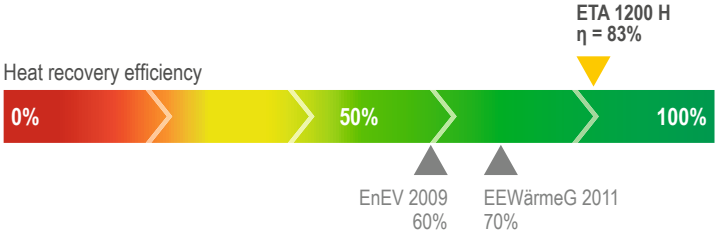
NEW



SFP values according to DIN EN 13779			
Class	W/(m³/s)		
SFP 1	<	500	
SFP 2	500 -	750	
SFP 3	751 -	1250	
SFP 4	1251 -	2000	EnEV 2009
SFP 5	2001 -	3000	

ETA 1200 H . . .

- Counter crossflow heat exchanger with efficiency up to 85 %
- EC fans, continuously adjustable
- Automatic bypass for fresh air cooling and de-icing WRG
- Integrated heater battery or electrical reheater
- Integrated control with remote control unit
- Version right or left
- Rain cover for outdoor installation available as accessory



- SFP class (DIN EN 13779) 2-3
- Speed class (DIN EN 13053) V1/V2
- Regenerative heat recovery class (DIN EN 13053) H1
- Housing class (EN 1886) T2
- Building material class (DIN EN 13 501-1) A1 inflammable

Hygiene	
Air filter fresh air (EN 779, VDI 6022)	F 7
Air filter extract air (EN 779)	F 5
Filter material	Humidity insensitive, with antibacterial properties
Filter monitoring (VDI 6022)	Integrated filter monitoring with differential pressure sensor
Hygiene system-compatible siphon (VDI 6022)	SYS 01 (Accessories)
Motorised shut-off flap (VDI 6022)	MAK 315 01 (Accessories)

Max. Sound Power Level	∑	125	250	500	1K	2K	4K	8K
Supply LWA 6 [dB (A)]	**63**	50	52	57	57	57	43	31
Exhaust LWA 5 [dB (A)]	**59**	46	48	52	55	52	41	28
Fresh Air LWA 5 [dB (A)]	**79**	60	70	71	74	72	69	62
Extract Air LWA 6 [dB (A)]	**83**	62	69	77	78	77	71	64
Casing LWA 2 [dB (A)]	**55**	47	50	46	45	43	36	32
At 1200 m³/h / 200 Pa								

ETA 1200 H 10/ETA 1200 H 11

With hot water reheater

Circuit data	
Heating LPHW:	6000 W
Connection LPHW:	½" IG
Power supply:	230V ~/50Hz
Electr. power consumption: P_1	700 W
Current consumption: $I_{max.}$	3,5 A
Pre-fuse:	16 A
Condensate connection:	1" AG

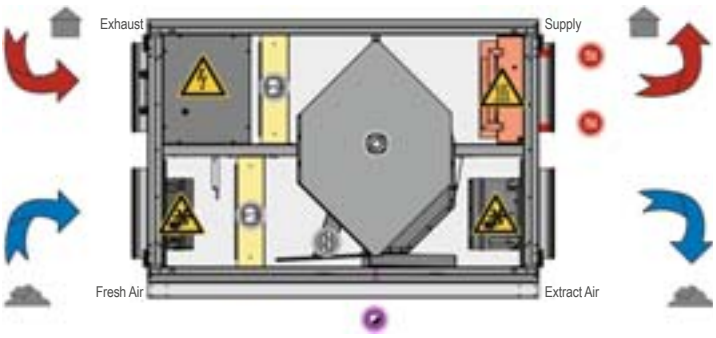
Dimensions	
Length [mm]	1380
Width [mm]	805
Height [mm]	989
Weight [kg]	199
Duct connections:	315

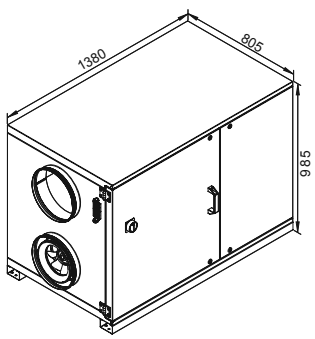
ETA 1200 H 16/ETA 1200 H 17

With electric main heater

Circuit data	
Electr. Heating coil:	6000 W
Power supply:	400V 3~N/50Hz
Power consumption: P_1	6.700 W
Current consumption: $I_{max.}$	13,7 A
Pre-fuse:	16 A
Condensate connection:	1" AG

Dimensions	
Length [mm]	1380
Width [mm]	805
Height [mm]	989
Weight [kg]	197
Duct connections:	315





Counter cross-flow heat exchanger · Air filter (panel filter) filter class 5 · Air filter (panel filter) filter class 7 · Connection for condensate drain · Regulation/electric heater · Heating capacity · Bypass

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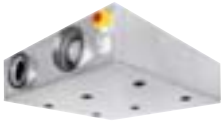


	EUR	EUR	EUR	EUR	
MWE.	**ETA 1200 F 10** 7800,- ID 124355 230V ~/50Hz 40 °C 1530 m³/h 650 W 3,3 A 80/60/57 db(A)	**ETA 1200 V 10** 7950,- ID 124275 230V ~/50Hz 40 °C 1570 m³/h 650 W 3,0 A 78/60/55 db(A)	**ETA 1200 H 10** 8200,- ID 124531 230V ~/50Hz 40 °C 1560 m³/h 700 W 3,5 A 79/63/55 db(A) Connection side right	**ETA 1200 H 11** 8200,- ID 124532 230V ~/50Hz 40 °C 1560 m³/h 700 W 3,5 A 79/63/55 db(A) Connection side left	**Heating LPHW**
MWE.	**ETA 1200 F 16** 7800,- ID 124357 400V 3~N/50Hz 40 °C 1530 m³/h 6.650 W 13,7 A 80/60/57 db(A)	**ETA 1200 V 16** 7950,- ID 124281 400V 3~N/50Hz 40 °C 1570 m³/h 6.650 W 13,7 A 78/60/55 db(A)	**ETA 1200 H 16** 8200,- ID 124536 400V 3~N/50Hz 40 °C 1560 m³/h 6.700 W 13,7 A 79/63/55 db(A) Connection side right	**ETA 1200 H 17** 8200,- ID 124539 400V 3~N/50Hz 40 °C 1560 m³/h 6.700 W 13,7 A 79/63/55 db(A) Connection side left	**Electr. Heating coil** No cooling function
					Specific Accessories For details see page: 134
MYMEP.	**LFP 28 F5** 138,- ID 124367	**LFP 30 F5** 138,- ID 124542	**LFP 30 F5** 138,- ID 124542	**LFP 30 F5** 138,- ID 124542	**Replacement Filter F5**
MYMEP.	**LFP 28 F7** 142,- ID 124368	**LFP 30 F7** 142,- ID 124543	**LFP 30 F7** 142,- ID 124543	**LFP 30 F7** 142,- ID 124543	**Replacement Filter F7**
MYMRR.	**MAK 315 01** 523,- ID 125466	**MAK 315 01** 523,- ID 125466	**MAK 315 01** 523,- ID 125466	**MAK 315 01** 523,- ID 125466	**Motor shut-off flap** With spring return
MYMRR.	**MAK 315 02** 302,- ID 125467	**MAK 315 02** 302,- ID 125467	**MAK 315 02** 302,- ID 125467	**MAK 315 02** 302,- ID 125467	**Motor shut-off flap** With actuator
MYMRR.	**RSK 315D** 38,- ID 113489	**RSK 315D** 38,- ID 113489	**RSK 315D** 38,- ID 113489	**RSK 315D** 38,- ID 113489	**Back Draught Shutter** With seal
MYMRV.	**VM 315** 21,- ID 102652	**VM 315** 21,- ID 102652	**VM 315** 21,- ID 102652	**VM 315** 21,- ID 102652	**Fast Clamps** 1 Set = 2 pcs.
MYMRDS.	**SDS 315** 124,- ID 102723	**SDS 315** 124,- ID 102723	**SDS 315** 124,- ID 102723	**SDS 315** 124,- ID 102723	**Duct Silencer** Rigid, 1 m
MYMRDF.	**SDF 315** 130,- ID 102706	**SDF 315** 130,- ID 102706	**SDF 315** 130,- ID 102706	**SDF 315** 130,- ID 102706	**Duct Silencer** Flexibel, 1 m
MYMWK.	**SYS 02** 134,- ID 125204	**SYS 01** 174,- ID 123971	**SYS 01** 174,- ID 123971	**SYS 01** 174,- ID 123971	**Ball siphon** With levelling feet
MYSC.	**COM 01** 240,- ID 122872	**COM 01** 240,- ID 122872	**COM 01** 240,- ID 122872	**COM 01** 240,- ID 122872	**Modbus**
MYMWR.			**RD ETA 1200** 320,- ID 125616	**RD ETA 1200** 320,- ID 125616	**Rain Cover**
MYMWT.	**KWRI 6030 01** 995,- ID 125509	**KWRI 6030 01** 995,- ID 125509	**KWRI 6030 01** 995,- ID 125509	**KWRI 6030 01** 995,- ID 125509	**Cooling Coil (LPCW)** Insulated casing
MYMWT.	**DVRI 6030 01** 1025,- ID 125510	**DVRI 6030 01** 1025,- ID 125510	**DVRI 6030 01** 1025,- ID 125510	**DVRI 6030 01** 1025,- ID 125510	**DX-Coil** Insulated casing
MYMKU.	**UKR 6030 02** 68,- ID 114370	**UKR 6030 02** 68,- ID 114370	**UKR 6030 02** 68,- ID 114370	**UKR 6030 02** 68,- ID 114370	**Transition**
MYSLS.	**STK 02** 470,- ID 112935	**STK 02** 470,- ID 112935	**STK 02** 470,- ID 112935	**STK 02** 470,- ID 112935	**Three way ball valve** DN 20 kvs 4,0
MYSLS.	**STK 05** 447,- ID 121620	**STK 05** 447,- ID 121620	**STK 05** 447,- ID 121620	**STK 05** 447,- ID 121620	**Three way ball valve** DN 15 kvs 1,6 Heating coil
MYSLS.	**STK 01** 447,- ID 112934	**STK 01** 447,- ID 112934	**STK 01** 447,- ID 112934	**STK 01** 447,- ID 112934	**Three way ball valve** DN 15 kvs 0,63

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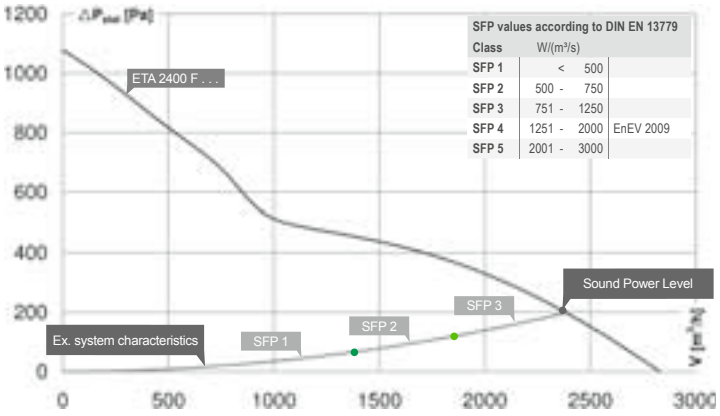
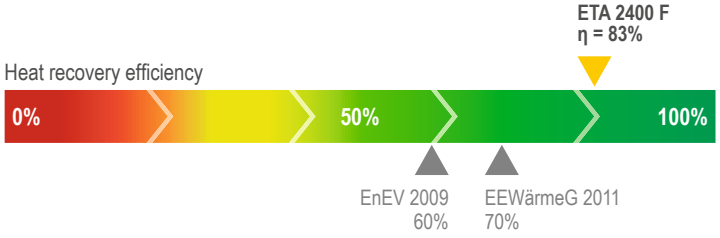


ETA 2400 F . . .

- Counter crossflow heat exchanger with efficiency up to 85 %
- EC fans, continuously adjustable
- Automatic bypass for fresh air cooling and de-icing WRG
- Integrated heater battery or electrical reheater
- Integrated control with remote control unit

• SFP class (DIN EN 13779)	2- 3
• Speed class (DIN EN 13053)	V2
• Regenerative heat recovery class (DIN EN 13053)	H1
• Housing class (EN 1886)	T3
• Building material class (DIN EN 13 501-1)	A1 inflammable



Hygiene	
Air filter fresh air (EN 779, VDI 6022)	F 7
Air filter extract air (EN 779)	F 5
Filter material	Humidity insensitive, with antibacterial properties
Filter monitoring (VDI 6022)	Integrated filter monitoring with differential pressure sensor
Hygiene system-compatible siphon (VDI 6022)	SYS 01 (Accessories)
Motorised shut-off flap (VDI 6022)	MAK 01 (Accessories)

Max. Sound Power Level	∑	125	250	500	1K	2K	4K	8K
Supply LWA 6 [dB (A)]	**72**	65	59	65	67	61	49	34
Exhaust LWA 5 [dB (A)]	**69**	57	58	66	63	58	51	37
Fresh Air LWA 5 [dB (A)]	**87**	72	77	81	82	80	76	69
Extract Air LWA 6 [dB (A)]	**91**	66	75	84	87	84	78	71
Casing LWA 2 [dB (A)]	**66**	63	58	59	56	51	46	37
At 2400 m³/h / 200 Pa								

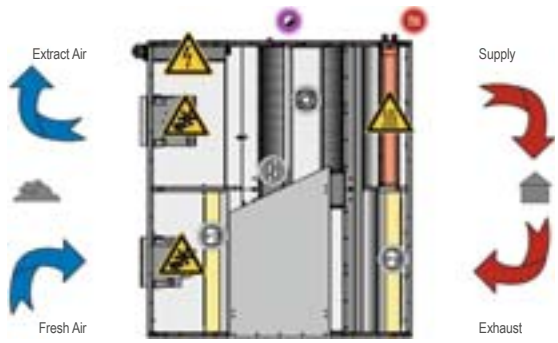
ETA 2400 F 10 With hot water reheater
ETA 2400 F 16 Without main heater

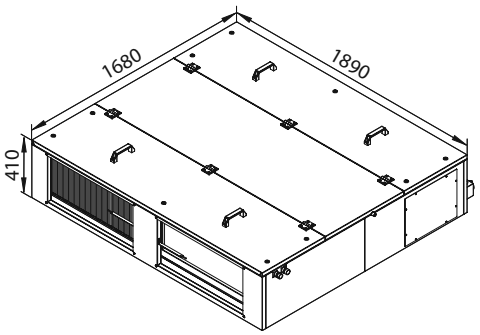
Circuit data	
Heating LPHW:	9000 W
Connection LPHW:	¾" AG
Power supply:	230V ~/50Hz
Electr. power consumption: P_1	1.650 W
Current consumption: $I_{max.}$	7,5 A
Pre-fuse:	16,0 A
Condensate connection:	1" AG

Dimensions	
Length [mm]	1680
Width [mm]	1892
Height [mm]	410
Weight [kg]	245
Duct air connections [mm]	700 x 325

Electric heater battery for **ETA 2400 F 16**

Only in conjunction with electric heater battery	
EHM 6030 R09 01:	External
Duct air connections [mm]	600 x 300
Power supply:	400V 3~N
Power consumption: P_1	9000 W
Current consumption: $I_{max.}$	14,0 A
Pre-fuse:	16,0 A
Weight [kg]	20





Counter cross-flow heat exchanger | Air filter (panel filter) filter class 5 | Air filter (panel filter) filter class 7 | Connection for condensate drain | Regulation/electric heater | Heating capacity | Bypass

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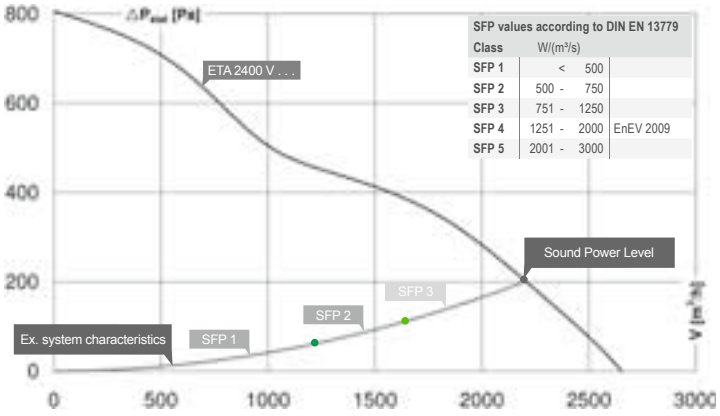
NEW

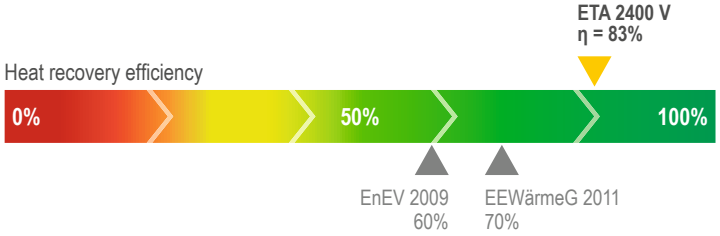


SFP values according to DIN EN 13779			
Class	W/(m³/s)		
SFP 1	<	500	
SFP 2	500 -	750	
SFP 3	751 -	1250	
SFP 4	1251 -	2000	EnEV 2009
SFP 5	2001 -	3000	

ETA 2400 V . . .

- Counter crossflow heat exchanger with efficiency up to 85 %
- EC fans, continuously adjustable
- Automatic bypass for fresh air cooling and de-icing WRG
- Integrated heater battery or electrical reheater
- Integrated control with remote control unit

• SFP class (DIN EN 13779)	2- 3
• Speed class (DIN EN 13053)	V2
• Regenerative heat recovery class (DIN EN 13053)	H1
• Housing class (EN 1886)	T2
• Building material class (DIN EN 13 501-1)	A1 inflammable



Hygiene	
Air filter fresh air (EN 779, VDI 6022)	F 7
Air filter extract air (EN 779)	F 5
Filter material	Humidity insensitive, with antibacterial properties
Filter monitoring (VDI 6022)	Integrated filter monitoring with differential pressure sensor
Hygiene system-compatible siphon (VDI 6022)	SYS 02 (Accessories)
Motorised shut-off flap (VDI 6022)	MAK 355 01 (Accessories)

Max. Sound Power Level	∑	125	250	500	1K	2K	4K	8K
Supply LWA 6 [dB (A)]	**65**	55	59	58	59	54	46	35
Exhaust LWA 5 [dB (A)]	**65**	56	53	60	60	54	47	38
Fresh Air LWA 5 [dB (A)]	**90**	67	75	83	83	80	76	87
Extract Air LWA 6 [dB (A)]	**91**	67	74	84	87	84	77	70
Casing LWA 2 [dB (A)]	**62**	55	59	53	51	49	44	34
At 2200 m³/h / 200 Pa								

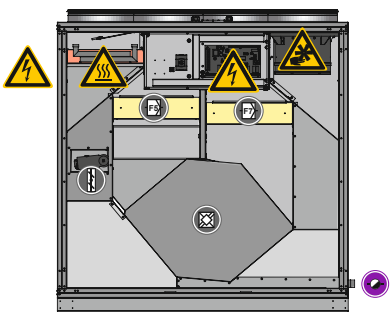
ETA 2400 V 10 With hot water reheater
ETA 2400 V 16 Without main heater

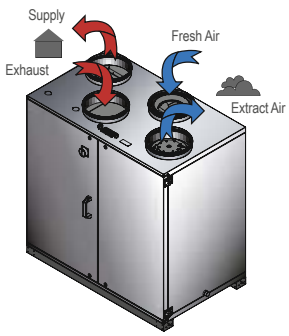
Circuit data	
Heating LPHW:	9000 W
Connection LPHW:	¾" IG
Power supply:	230V ~/50Hz
Electr. power consumption: P_1	1.650 W
Current consumption: $I_{max.}$	7,5 A
Pre-fuse:	16,0 A
Condensate connection:	1" AG

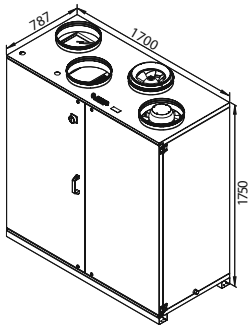
Dimensions	
Length [mm]	1700
Width [mm]	787
Height [mm]	1750
Weight [kg]	350
Duct connections:	NW 355

Electric heater battery for ETA 2400 V 16

Only in conjunction with electric heater battery	
EHM 6030 R09 01:	External
Duct air connections [mm]	600 x 300
Power supply:	400V 3~N
Power consumption: P_1	9000 W
Current consumption: $I_{max.}$	14,0 A
Pre-fuse:	16,0 A
Weight [kg]	20







Counter cross-flow heat exchanger | Air filter (panel filter) filter class 7 | Air filter (panel filter) filter class 7 | Connection for condensate drain | Regulation/electric heater | Heating capacity | Bypass

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ETA **Compact Fan** with EC-technology




Specific Accessories
For details see page: 134

	EUR	EUR	EUR	EUR	
Heating LPHW	**ETA 2400 F 10** 10500,- ID 125178 230V ~/50Hz 40 °C 2830 m³/h 1.650 W 7,5 A 87/72/66 db(A)	**ETA 2400 V 10** 12300,- ID 125215 230V ~/50Hz 40 °C 2650 m³/h 1.650 W 7,5 A 90/65/62 db(A)	**ETA 2400 H 10**	**ETA 2400 H 11**	MWE.
Without main heater No cooling function	**ETA 2400 F 16** 10100,- ID 125181 230V ~/50Hz 40 °C 2830 m³/h 1.650 W 7,5 A 87/72/66 db(A) Only in conjunction with electric heater battery	**ETA 2400 V 16** 11900,- ID 125218 230V ~/50Hz 40 °C 2650 m³/h 1.650 W 7,5 A 90/65/62 db(A) Only in conjunction with electric heater battery	**ETA 2400 H 16** Only in conjunction with electric heater battery	**ETA 2400 H 17** Only in conjunction with electric heater battery	MWE.
Electric heater battery Left	**EHM 6030 L09 01** 1440,- ID 121428	**EHM 6030 L09 01** 1440,- ID 121428	**EHM 6030 L09 01** 1440,- ID 121428	**EHM 6030 L09 01** 1440,- ID 121428	
Electric heater battery Right	**EHM 6030 R09 01** 1440,- ID 121427	**EHM 6030 R09 01** 1440,- ID 121427	**EHM 6030 R09 01** 1440,- ID 121427	**EHM 6030 R09 01** 1440,- ID 121427	
Replacement Filter F5	**LFP 29 F5** 144,- ID 124525	**LFP 31 F5** 152,- ID 125024			MYMEP.
Replacement Filter F7	**LFP 29 F7** 148,- ID 124526	**LFP 31 F7** 158,- ID 125025			MYMEP.
Motor shut-off flap With spring return		**MAK 355 01** 529,- ID 125475	**MAK 355 01** 529,- ID 125475	**MAK 355 01** 529,- ID 125475	MYMRR.
Motor shut-off flap With actuator		**MAK 355 02** 307,- ID 125476	**MAK 355 02** 307,- ID 125476	**MAK 355 02** 307,- ID 125476	MYMRR.
Duct Silencer Rigid, 1 m		**SDS 355** 176,- ID 102725	**SDS 355** 176,- ID 102725	**SDS 355** 176,- ID 102725	MYMRDS.
Duct Silencer Flexibel, 1 m		**SDF 355** 144,- ID 102707	**SDF 355** 144,- ID 102707	**SDF 355** 144,- ID 102707	MYMRDF.
Ball siphon	**SYS 02** 134,- ID 125204	**SYS 01** 174,- ID 123971	**SYS 01** 174,- ID 123971	**SYS 01** 174,- ID 123971	MYMWK.
Modbus	**COM 01** 240,- ID 122872	**COM 01** 240,- ID 122872	**COM 01** 240,- ID 122872	**COM 01** 240,- ID 122872	MYSC.
Rain Cover			**RD ETA 2400**	**RD ETA 2400**	
Cooling Coil (LPCW) Insulated casing	**KWRI 9030 01** 1255,- ID 125549	**KWRI 9030 01** 1255,- ID 125549	**KWRI 9030 01** 1255,- ID 125549	**KWRI 9030 01** 1255,- ID 125549	MYMWT.
DX-Coil Insulated casing	**DVRI 9030 01** 1295,- ID 125552	**DVRI 9030 01** 1295,- ID 125552	**DVRI 9030 01** 1295,- ID 125552	**DVRI 9030 01** 1295,- ID 125552	MYMWT.

Coming soon

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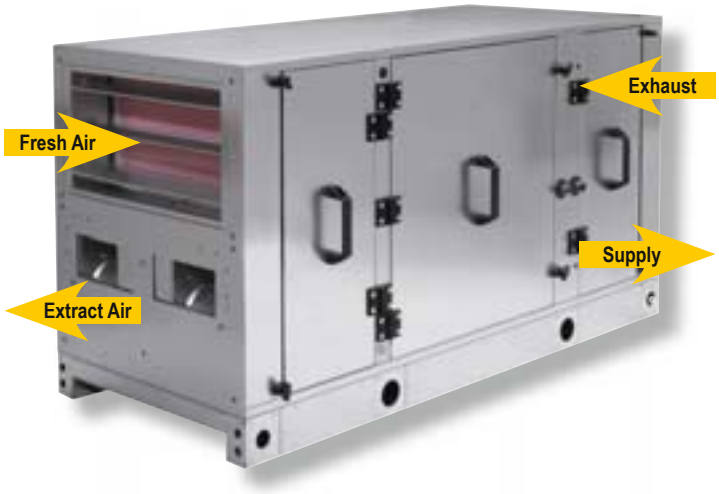

Compact dimensions
Through optimized complete sheet metal construction the units are very compact. The frameless sheet steel design eliminates cold bridging and the interior is very smooth, which allows for easy cleaning. All internal components are removable.

Minimal internal pressure loss
Large flow through surfaces of all built in components causes small internal pressure loss despite compact exterior dimensions.

Motors
Fans are available with voltage controllable 230 V motors.

- Heat recovery unit with cross flow exchanger
- Bypass for de-icing plate heat exchanger
- Frameless casing of 1 mm sheet metal, steel zink
- 2 Panel filter F5
- Forward curved radial fans
- Voltage controllable 230 V motors

FG control description

Functions
- Operating modes room-, supply, or exhaust air temperature control choosable by remote control
- Temperature sensors are integrated in the unit and remote control
- Indication of current fan step and temperature
- Temperature setting by remote control
- PI-Controller with 2 sequences für heating and cooling
- Control of the damper actuators for fresh air, exhaust air and bypass (only FG) (open/close)
- Free cooling by stopping the rotating wheel (only RL)
- Control of a valve for heater or cooler battery
- Error indication on the display of remote control
- Potential free contact for passing on error message
- Min. or max. limitation of supply air temperature
- Control of the supply and exhaust fan (3 steps)
- Preheat and flushing function for warm water heater
- Run on timer for fan when electric heater battery is used
- Frost protection for warm water heater
- Protection of icing for the heat exchanger
- Control of heating pump
- Monitoring of filter pressure
- Remote control with 10 m connection cable

Input
- Enable of unit through external potential free contact
- Frost protection thermostat
- Safety temperature limiter
- Filter monitoring fresh air
- Filter monitoring exhaust air
- Thermal cutoff Motor
- Temperature sensor (Supply/Extract/Exhaust/Fresh Air)

Output
- Supply fan (3 steps)
- Exhaust fan (3 steps)
- Valve heating circuit (3 point)
- Pump for heating circuit
- Valve cooling circuit (3 point)
- Unit failure
- Release of cooling machine
- Bypass damper (3 point)
- Fresh air damper (open/close)
- Exhaust air damper (open/close)

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Type	ID	EUR	With control	Air volume at 200Pa external pressure	Damper	Filter F5	Plate heat exchanger	Heating LPHW	Cooling coil cold water	DX coil	Motor voltage controllable	Motor for frequency inverter 230 V 3~
FG 6030 G10 33 01	113746	**5250,-**		1900	x	x	x	x			x	Optional
FG 6030 L10 33J 01	122640	**9710,-**	x	1900	x	x	x	x				
FG 6030 G10 50 01	113747	**5050,-**		2100	x	x	x	x			x	
FG 6030 L10 50J 01	122641	**9510,-**	x	2100	x	x	x	x				
FG 9030 G10 33 01	113758	**6100,-**		2600	x	x	x	x			x	
FG 9030 L10 33J 01	122644	**10560,-**	x	2600	x	x	x	x				
FG 9030 G10 50 01	113759	**5900,-**		2800	x	x	x	x			x	
FG 9030 L10 50J 01	122645	**10360,-**	x	2800	x	x	x	x				
FG 6030 G11 33 01	113749	**5950,-**		1800	x	x	x	x	x	Optional	x	
FG 6030 L11 33J 01	122648	**10410,-**	x	1800	x	x	x	x	x			
FG 6030 G11 50 01	113750	**5800,-**		2000	x	x	x	x	x		x	
FG 6030 L11 50J 01	122649	**10260,-**	x	2000	x	x	x	x	x			
FG 9030 G11 33 01	113760	**7000,-**		2500	x	x	x	x	x		x	
FG 9030 L11 33J 01	122652	**11460,-**	x	2500	x	x	x	x	x			
FG 9030 G11 50 01	113761	**6900,-**		2700	x	x	x	x	x		x	
FG 9030 L11 50J 01	122653	**11360,-**	x	2700	x	x	x	x	x			
FG 6030 G20 21 01	113752	**4900,-**		2000	x	x	x	x			x	
FG 6030 L20 21J 01	122656	**9560,-**	x	2000	x	x	x	x				
FG 6030 G20 24 01	113753	**4800,-**		2100	x	x	x	x			x	
FG 6030 L20 24J 01	122657	**9460,-**	x	2100	x	x	x	x				
FG 9030 G20 21 01	115834	**5500,-**		2360	x	x	x	x				
FG 9030 L20 21J 01	122660	**9960,-**	x	2360	x	x	x	x				
FG 9030 G20 24 01	118327	**5400,-**		2560	x	x	x	x				
FG 9030 L20 24J 01	122661	**9860,-**	x	2560	x	x	x	x				
FG 6030 G21 21 01	120200	**5750,-**		1700	x	x	x	x	x	Optional	x	
FG 6030 L21 21J 01	122664	**10210,-**	x	1700	x	x	x	x	x			
FG 6030 G21 24 01	120201	**5700,-**		1800	x	x	x	x	x		x	
FG 6030 L21 24J 01	122665	**10160,-**	x	1800	x	x	x	x	x			
FG 9030 G21 21 01	120202	**6950,-**		2200	x	x	x	x	x		x	
FG 9030 L21 21J 01	122667	**11410,-**	x	2200	x	x	x	x	x			
FG 9030 G21 24 01	120203	**6900,-**		2360	x	x	x	x	x		x	
FG 9030 L21 24J 01	122668	**11360,-**	x	2360	x	x	x	x	x			

(All units with connections in supply air direction right, connections left optional)

Legend

PKW = Low Pressure Cold Water (LPCW)
PWW = Low Pressure Hot Water (LPHW)
DV = DX-Coil
ID = Part ID

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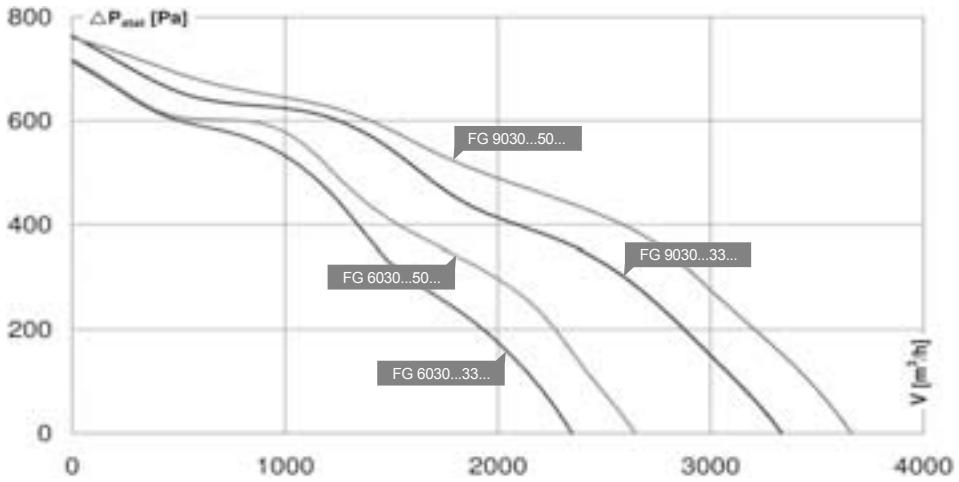
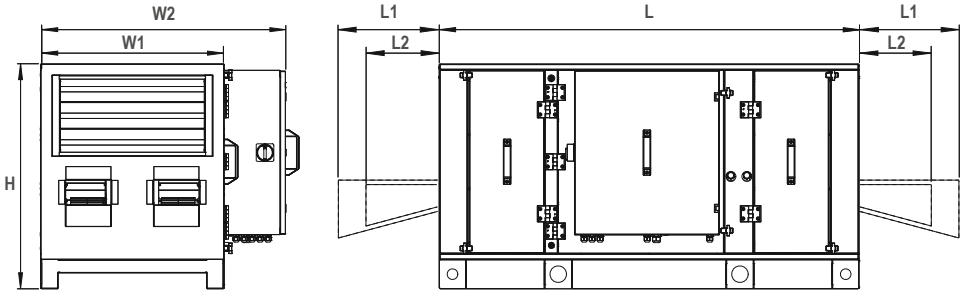
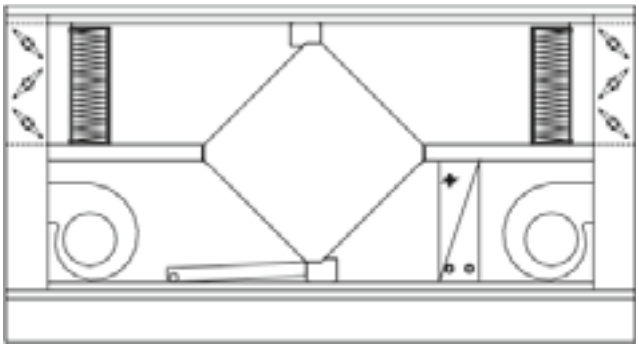


Type	ID	U	f	$I_{max.}$	P_1	W1	W2	H	L	L1	L2	Weight
		[V]	[Hz]	[A]	[W]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
FG 6030 G10 33 01	113746	230V ~	50	11,0	2250	690		845	1578	475	300	210,0
FG 6030 L10 33J 01	122640	400V 3~N	50	8,0	2640	690	920	845	1578	475	300	
FG 6030 G10 50 01	113747	230V ~	50	12,0	2400	690		845	1578	475	300	210,0
FG 6030 L10 50J 01	122641	400V 3~N	50	7,0	2800	690	920	845	1578	475	300	
FG 9030 G10 33 01	113758	230V ~	50	16,0	3050	990		845	1578	475	300	265,0
FG 9030 L10 33J 01	122644	400V 3~N	50	10,0	3650	990	1220	845	1578	475	300	
FG 9030 G10 50 01	113759	230V ~	50	18,0	3700	990		845	1578	475	300	265,0
FG 9030 L10 50J 01	122645	400V 3~N	50	10,0	4050	990	1220	845	1578	475	300	

(All units with connections in supply air direction right, connections left optional)





- Heat recovery unit with plate heat exchanger
- Integrated heater battery LPHW 2RR
- Frameless casing, galvanised sheet metal 2 x 1 mm with 40 mm mineral wool insulation
- Bypass damper
- Panel Filter F5
- Forward curved centrifugal fans
- Voltage controllable
- In/Outlet do not require flexible connection piece

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	PWT 3,3	EUR	PWT 5,0	EUR	PWT 3,3	EUR	PWT 5,0	EUR
MWLW.	**FG 6030 G10 33 01** 5250,- ID 113746 230V ~/50Hz 55 °C 2350 m³/h 2.250 W 11,0 A 65/80/61 db(A)		**FG 6030 G10 50 01** 5050,- ID 113747 230V ~/50Hz 50 °C 2650 m³/h 2.400 W 12,0 A 65/80/60 db(A)		**FG 9030 G10 33 01** 6100,- ID 113758 230V ~/50Hz 40 °C 3330 m³/h 3.050 W 16,0 A 67/83/57 db(A)		**FG 9030 G10 50 01** 5900,- ID 113759 230V ~/50Hz 40 °C 3660 m³/h 3.700 W 18,0 A 68/82/58 db(A)	
	TEM 075 ID 103507 265,- **TES 075** ID 103957 146,- **GS 01** ID 102787 60,-		**TEM 075** ID 103507 265,- **TES 075** ID 103957 146,- **GS 01** ID 102787 60,-		**TEM 100** ID 103511 420,- **TES 100** ID 103958 140,- **GS 01** ID 102787 60,-		**TEM 100** ID 103511 420,- **TES 100** ID 103958 140,- **GS 01** ID 102787 60,-	
MYMZD.	**SDK 0130** 160,- ID 115830		**SDK 0130** 160,- ID 115830		**SDK 0130** 160,- ID 115830		**SDK 0130** 160,- ID 115830	
MYSLM.	**MAN 01** 56,- ID 104226		**MAN 01** 56,- ID 104226		**MAN 01** 56,- ID 104226		**MAN 01** 56,- ID 104226	
MYSLT.	**THE 01** 139,- ID 103666		**THE 01** 139,- ID 103666		**THE 01** 139,- ID 103666		**THE 01** 139,- ID 103666	
MYSLS.	**STA 01** 185,- ID 103590		**STA 01** 185,- ID 103590		**STA 01** 185,- ID 103590		**STA 01** 185,- ID 103590	
MYSLS.	**STA 11** 184,- ID 103933		**STA 11** 184,- ID 103933		**STA 11** 184,- ID 103933		**STA 11** 184,- ID 103933	
MYSLS.	**STA 02** 257,- ID 107204		**STA 02** 257,- ID 107204		**STA 02** 257,- ID 107204		**STA 02** 257,- ID 107204	
MYSLS.	**STA 12** 280,- ID 107631		**STA 12** 280,- ID 107631		**STA 12** 280,- ID 107631		**STA 12** 280,- ID 107631	
MYMEP.	**LFP 11 F5** 63,- ID 108378		**LFP 11 F5** 63,- ID 108378		**LFP 20 F5** 106,- ID 108380		**LFP 20 F5** 106,- ID 108380	
MYMEP.	**LFP 11 F7** 66,- ID 108673		**LFP 11 F7** 66,- ID 108673		**LFP 20 F7** 108,- ID 108379		**LFP 20 F7** 108,- ID 108379	

Specific Accessories
For details see page: 134

Sound diffuser

Pressure sensor
50-500 Pa

Frost protection thermostat

Damper actuator
24 V, 3-Point Control

Damper actuator
230 V, 3-Point Control

Damper actuator
24 V, continous control 0-10 V

Damper actuator
230 V, continous control 0-10 V

Replacement Filter

Replacement Filter

	PWT 3,3	EUR	PWT 5,0	EUR	PWT 3,3	EUR	PWT 5,0	EUR
MWLW.	**FG 6030 L10 33J 01** ID 122640 9710,- 400V 3~N/50Hz 40 °C 2370 m³/h 2.640 W 8,0 A 63/80/55 db(A)		**FG 6030 L10 50J 01** ID 122641 9510,- 400V 3~N/50Hz 40 °C 2620 m³/h 2.800 W 7,0 A 65/80/55 db(A)		**FG 9030 L10 33J 01** ID 122644 10560,- 400V 3~N/50Hz 40 °C 3330 m³/h 3.650 W 10,0 A 66/82/57 db(A)		**FG 9030 L10 50J 01** ID 122645 10360,- 400V 3~N/50Hz 40 °C 3895 m³/h 4.050 W 10,0 A 68/82/58 db(A)	
	COM 01 ID 122872 240,-		**COM 01** ID 122872 240,-		**COM 01** ID 122872 240,-		**COM 01** ID 122872 240,-	
MYMZD.	**SDK 0130** 160,- ID 115830		**SDK 0130** 160,- ID 115830		**SDK 0130** 160,- ID 115830		**SDK 0130** 160,- ID 115830	
MYSLS.	**STK 01** 447,- ID 112934		**STK 01** 447,- ID 112934		**STK 01** 447,- ID 112934		**STK 01** 447,- ID 112934	
MYSLS.	**STK 02** 470,- ID 112935		**STK 02** 470,- ID 112935		**STK 02** 470,- ID 112935		**STK 02** 470,- ID 112935	
MYSLS.	**STK 03** 525,- ID 112936		**STK 03** 525,- ID 112936		**STK 03** 525,- ID 112936		**STK 03** 525,- ID 112936	
MYSLS.	**STK 05** 447,- ID 121620		**STK 05** 447,- ID 121620		**STK 05** 447,- ID 121620		**STK 05** 447,- ID 121620	
MYMEP.	**LFP 11 F5** 63,- ID 108378		**LFP 11 F5** 63,- ID 108378		**LFP 20 F5** 106,- ID 108380		**LFP 20 F5** 106,- ID 108380	
MYMEP.	**LFP 11 F7** 66,- ID 108673		**LFP 11 F7** 66,- ID 108673		**LFP 20 F7** 108,- ID 108379		**LFP 20 F7** 108,- ID 108379	

Modbus

Sound diffuser

Three way ball valve

Three way ball valve

Three way ball valve

Three way ball valve

Replacement Filter

Replacement Filter

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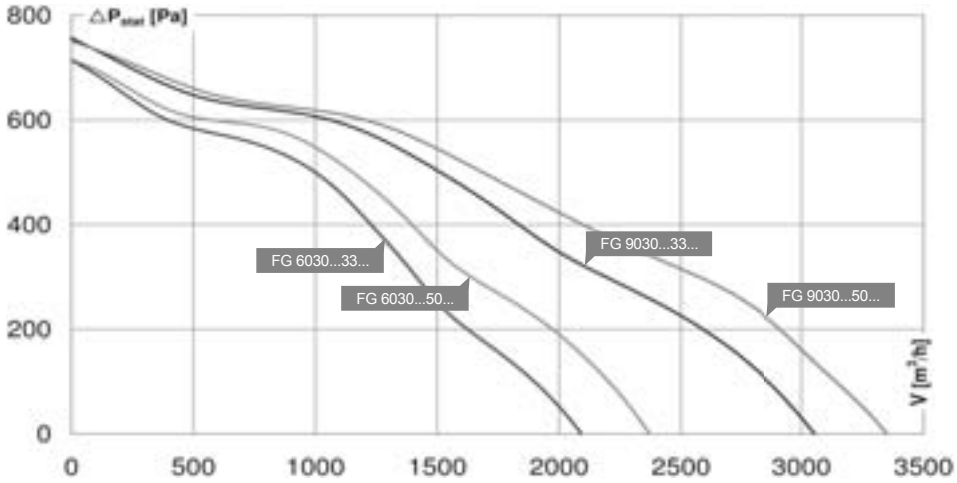
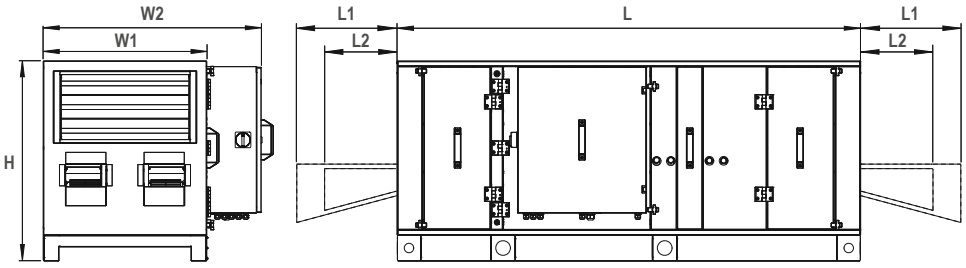
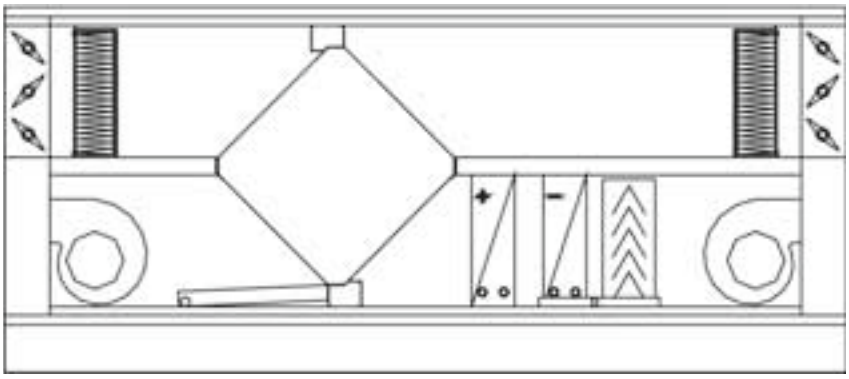


Type	ID	U	f	$I_{max.}$	P_1	W1	W2	H	L	L1	L2	Weight
		[V]	[Hz]	[A]	[W]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
FG 6030 G11 33 01	113749	230V ~	50	11,0	2100	690		845	1958	475	300	245,0
FG 6030 L11 33J 01	122648	400V 3~N	50	6,0	2500	690	920	845	1958	475	300	
FG 6030 G11 50 01	113750	230V ~	50	11,0	2400	690		845	1958	475	300	245,0
FG 6030 L11 50J 01	122649	400V 3~N	50	7,0	2700	690	920	845	1958	475	300	
FG 9030 G11 33 01	113760	230V ~	50	18,0	3100	990		845	1958	475	300	315,0
FG 9030 L11 33J 01	122652	400V 3~N	50	10,0	3500	990	1220	845	1958	475	300	
FG 9030 G11 50 01	113761	230V ~	50	18,0	3350	990		845	1958	475	300	315,0
FG 9030 L11 50J 01	122653	400V 3~N	50	10,0	3800	990	1220	845	1958	475	300	

(All units with connections in supply air direction right, connections left optional)





- Heat recovery unit with plate heat exchanger
- Integrated heater battery LPHW 2RR
- Integrated cooling battery LPCW 3RR
- Frameless casing, galvanised sheet metal 2 x 1 mm with 40 mm mineral wool insulation
- Bypass damper
- Panel Filter F5
- Forward curved centrifugal fans
- Voltage controllable
- In/Outlet do not require flexible connection piece

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	PWT 3,3	EUR	PWT 5,0	EUR	PWT 3,3	EUR	PWT 5,0	EUR
MWLW.	**FG 6030 G11 33 01** 5950,- ID 113749 230V ~/50Hz 40 °C 2090 m³/h 2.100 W 11,0 A 62/80/58 db(A)		**FG 6030 G11 50 01** 5800,- ID 113750 230V ~/50Hz 40 °C 2370 m³/h 2.400 W 11,0 A 63/80/56 db(A)		**FG 9030 G11 33 01** 7000,- ID 113760 230V ~/50Hz 40 °C 3050 m³/h 3.100 W 18,0 A 66/82/56 db(A)		**FG 9030 G11 50 01** 6900,- ID 113761 230V ~/50Hz 40 °C 3350 m³/h 3.350 W 18,0 A 67/83/59 db(A)	
	TEM 075 ID 103507 265,- **TES 075** ID 103957 146,- **GS 01** ID 102787 60,-		**TEM 075** ID 103507 265,- **TES 075** ID 103957 146,- **GS 01** ID 102787 60,-		**TEM 100** ID 103511 420,- **TES 100** ID 103958 140,- **GS 01** ID 102787 60,-		**TEM 100** ID 103511 420,- **TES 100** ID 103958 140,- **GS 01** ID 102787 60,-	
MYMZD.	**SDK 0130** 160,- ID 115830		**SDK 0130** 160,- ID 115830		**SDK 0130** 160,- ID 115830		**SDK 0130** 160,- ID 115830	
MYSLM.	**MAN 01** 56,- ID 104226		**MAN 01** 56,- ID 104226		**MAN 01** 56,- ID 104226		**MAN 01** 56,- ID 104226	
MYSLT.	**THE 02** 139,- ID 115566		**THE 02** 139,- ID 115566		**THE 02** 139,- ID 115566		**THE 02** 139,- ID 115566	
MYSLS.	**STA 01** 185,- ID 103590		**STA 01** 185,- ID 103590		**STA 01** 185,- ID 103590		**STA 01** 185,- ID 103590	
MYSLS.	**STA 11** 184,- ID 103933		**STA 11** 184,- ID 103933		**STA 11** 184,- ID 103933		**STA 11** 184,- ID 103933	
MYSLS.	**STA 02** 257,- ID 107204		**STA 02** 257,- ID 107204		**STA 02** 257,- ID 107204		**STA 02** 257,- ID 107204	
MYSLS.	**STA 12** 280,- ID 107631		**STA 12** 280,- ID 107631		**STA 12** 280,- ID 107631		**STA 12** 280,- ID 107631	
MYMEP.	**LFP 11 F5** 63,- ID 108378		**LFP 11 F5** 63,- ID 108378		**LFP 20 F5** 106,- ID 108380		**LFP 20 F5** 106,- ID 108380	
MYMEP.	**LFP 11 F7** 66,- ID 108673		**LFP 11 F7** 66,- ID 108673		**LFP 20 F7** 108,- ID 108379		**LFP 20 F7** 108,- ID 108379	

Specific Accessories
For details see page: 134

Sound diffuser

Pressure sensor
50-500 Pa

Frost protection thermostat

Damper actuator
24 V, 3-Point Control

Damper actuator
230 V, 3-Point Control

Damper actuator
24 V, continous control 0-10 V

Damper actuator
230 V, continous control 0-10 V

Replacement Filter

Replacement Filter

	PWT 3,3	EUR	PWT 5,0	EUR	PWT 3,3	EUR	PWT 5,0	EUR
MWLW.	**FG 6030 L11 33J 01** ID 122648 **10410,-** 400V 3~N/50Hz 40 °C 2030 m³/h 2.500 W 6,0 A 62/80/54 db(A)		**FG 6030 L11 50J 01** ID 122649 **10260,-** 400V 3~N/50Hz 40 °C 2330 m³/h 2.700 W 7,0 A 63/80/55 db(A)		**FG 9030 L11 33J 01** ID 122652 **11460,-** 400V 3~N/50Hz 40 °C 3200 m³/h 3.500 W 10,0 A 65/81/56 db(A)		**FG 9030 L11 50J 01** ID 122653 **11360,-** 400V 3~N/50Hz 40 °C 3580 m³/h 3.800 W 10,0 A 67/82/56 db(A)	
	COM 01 ID 122872 240,-		**COM 01** ID 122872 240,-		**COM 01** ID 122872 240,-		**COM 01** ID 122872 240,-	
MYMZD.	**SDK 0130** 160,- ID 115830		**SDK 0130** 160,- ID 115830		**SDK 0130** 160,- ID 115830		**SDK 0130** 160,- ID 115830	
MYSLS.	**STK 01** 447,- ID 112934		**STK 01** 447,- ID 112934		**STK 01** 447,- ID 112934		**STK 01** 447,- ID 112934	
MYSLS.	**STK 02** 470,- ID 112935		**STK 02** 470,- ID 112935		**STK 02** 470,- ID 112935		**STK 02** 470,- ID 112935	
MYSLS.	**STK 03** 525,- ID 112936		**STK 03** 525,- ID 112936		**STK 03** 525,- ID 112936		**STK 03** 525,- ID 112936	
MYSLS.	**STK 05** 447,- ID 121620		**STK 05** 447,- ID 121620		**STK 05** 447,- ID 121620		**STK 05** 447,- ID 121620	
MYMEP.	**LFP 11 F5** 63,- ID 108378		**LFP 11 F5** 63,- ID 108378		**LFP 20 F5** 106,- ID 108380		**LFP 20 F5** 106,- ID 108380	
MYMEP.	**LFP 11 F7** 66,- ID 108673		**LFP 11 F7** 66,- ID 108673		**LFP 20 F7** 108,- ID 108379		**LFP 20 F7** 108,- ID 108379	

Modbus

Sound diffuser

Three way ball valve

Three way ball valve

Three way ball valve

Three way ball valve

Replacement Filter

Replacement Filter

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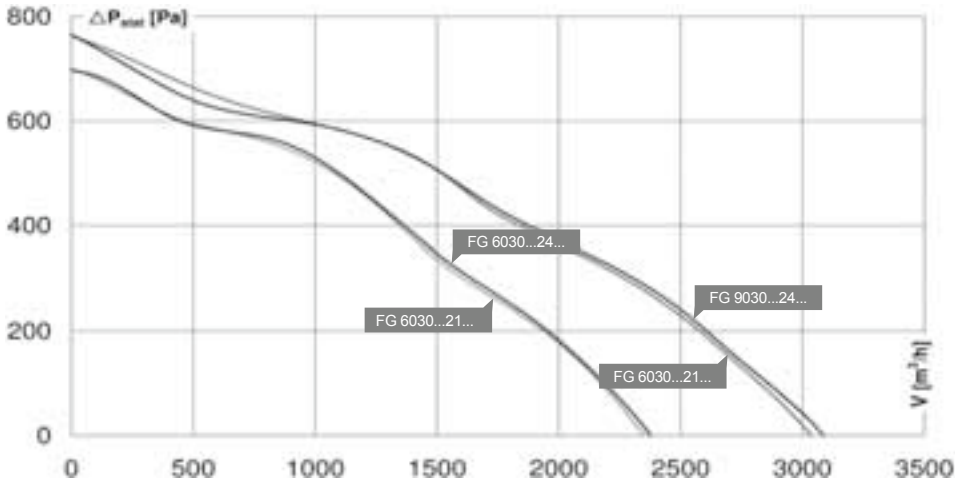
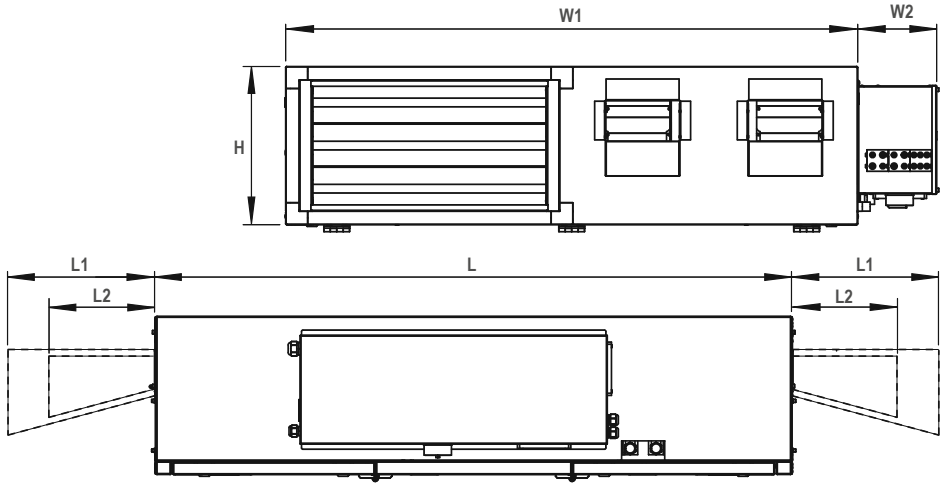
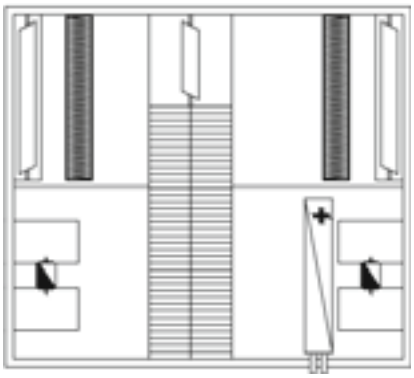


Type	ID	U	f	$I_{max.}$	P_1	W1	W2	H	L	L1	L2	Weight
		[V]	[Hz]	[A]	[W]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
FG 6030 G20 21 01	113752	230V ~	50	11,0	2200	1327		367	1477	475	300	205,0
FG 6030 L20 21J 01	122656	400V 3~N	50	6,0	2300	1327	1510	367	1477	475	300	
FG 6030 G20 24 01	113753	230V ~	50	11,0	2250	1327		367	1477	475	300	205,0
FG 6030 L20 24J 01	122657	400V 3~N	50	6,0	2400	1327	1510	367	1477	475	300	
FG 9030 G20 21 01	115834	230V ~	50	16,0	3000	1927		367	1477	475	300	285,0
FG 9030 L20 21J 01	122660	400V 3~N	50	8,0	3150	1927	2110	367	1477	475	300	
FG 9030 G20 24 01	118327	230V ~	50	16,0	3000	1927		367	1477	475	300	285,0
FG 9030 L20 24J 01	122661	400V 3~N	50	8,0	3200	1927	2110	367	1477	475	300	

(All units with connections in supply air direction right, connections left optional)



- Heat recovery unit for supply and extract air with plate heat exchanger in low profile design
- Integrated heater battery LPHW 2RR
- Frameless housing, galvanised sheet metal 2 x 1 mm with 30 mm mineral wool insulation
- Compact construction with tandem fans
- Access panel removable
- 2 Panel filter F5
- Forward curved centrifugal fans
- Voltage controllable
- In/Outlet do not require flexible connection piece



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	PWT 2,1	EUR	PWT 2,4	EUR	PWT 2,1	EUR	PWT 2,4	EUR
MWLW.	**FG 6030 G20 21 01** ID 113752 230V ~/50Hz 40 °C 2350 m³/h 2.200 W 11,0 A	**4900,-**	**FG 6030 G20 24 01** ID 113753 230V ~/50Hz 40 °C 2380 m³/h 2.250 W 11,0 A	**4800,-**	**FG 9030 G20 21 01** ID 115834 230V ~/50Hz 40 °C 3040 m³/h 3.000 W 16,0 A	**5500,-**	**FG 9030 G20 24 01** ID 118327 230V ~/50Hz 40 °C 3090 m³/h 3.000 W 16,0 A	**5400,-**
	TEM 075 ID 103507	**265,-**	**TEM 075** ID 103507	**265,-**	**TEM 075** ID 103507	**265,-**	**TEM 075** ID 103507	**265,-**
	TES 075 ID 103957	**146,-**	**TES 075** ID 103957	**146,-**	**TES 075** ID 103957	**146,-**	**TES 075** ID 103957	**146,-**
	GS 01 ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**	**GS 01** ID 102787	**60,-**

Specific Accessories
For details see page: 134

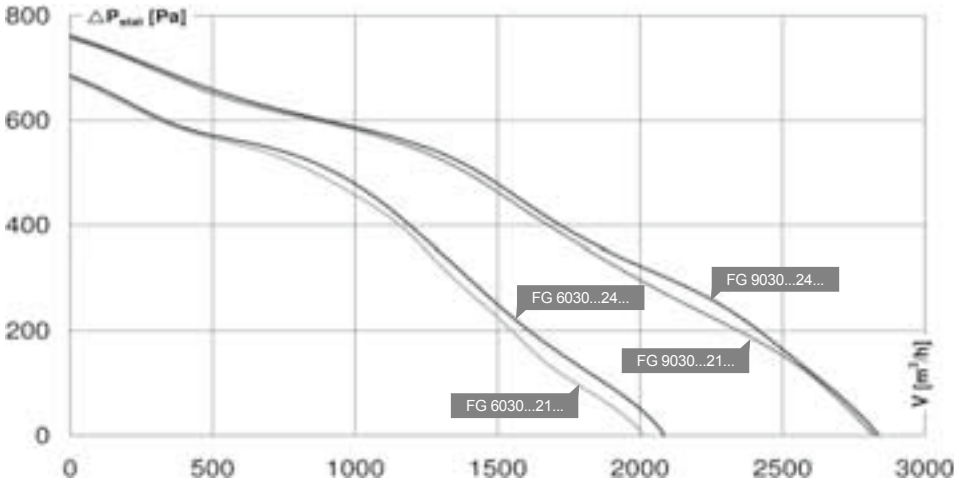
MYMZD.	**SDK 0130** ID 115830	**160,-**	**SDK 0130** ID 115830	**160,-**	**SDK 0130** ID 115830	**160,-**	**SDK 0130** ID 115830	**160,-**	**Sound diffuser**
MYSLM.	**MAN 01** ID 104226	**56,-**	**MAN 01** ID 104226	**56,-**	**MAN 01** ID 104226	**56,-**	**MAN 01** ID 104226	**56,-**	**Pressure sensor** 50-500 Pa
MYSLT.	**THE 02** ID 115566	**139,-**	**THE 02** ID 115566	**139,-**	**THE 02** ID 115566	**139,-**	**THE 02** ID 115566	**139,-**	**Frost protection thermostat**
MYSLS.	**STA 01** ID 103590	**185,-**	**STA 01** ID 103590	**185,-**	**STA 01** ID 103590	**185,-**	**STA 01** ID 103590	**185,-**	**Damper actuator** 24 V, 3-Point Control
MYSLS.	**STA 11** ID 103933	**184,-**	**STA 11** ID 103933	**184,-**	**STA 11** ID 103933	**184,-**	**STA 11** ID 103933	**184,-**	**Damper actuator** 230 V, 3-Point Control
MYSLS.	**STA 02** ID 107204	**257,-**	**STA 02** ID 107204	**257,-**	**STA 02** ID 107204	**257,-**	**STA 02** ID 107204	**257,-**	**Damper actuator** 24 V, continous control 0-10 V
MYSLS.	**STA 12** ID 107631	**280,-**	**STA 12** ID 107631	**280,-**	**STA 12** ID 107631	**280,-**	**STA 12** ID 107631	**280,-**	**Damper actuator** 230 V, continous control 0-10 V
MYMEP.	**LFP 11 F5** ID 108378	**63,-**	**LFP 11 F5** ID 108378	**63,-**	**LFP 20 F5** ID 108380	**106,-**	**LFP 20 F5** ID 108380	**106,-**	**Replacement Filter**
MYMEP.	**LFP 11 F7** ID 108673	**66,-**	**LFP 11 F7** ID 108673	**66,-**	**LFP 20 F7** ID 108379	**108,-**	**LFP 20 F7** ID 108379	**108,-**	**Replacement Filter**

	PWT 3,3	EUR	PWT 5,0	EUR	PWT 3,3	EUR	PWT 5,0	EUR
MWLW.	**FG 6030 L20 21J 01** ID 122656 **9560,-** 400V 3~N/50Hz 40 °C 2330 m³/h 2.300 W 6,0 A 62/79/57 db(A)		**FG 6030 L20 24J 01** ID 122657 **9460,-** 400V 3~N/50Hz 40 °C 2400 m³/h 2.400 W 6,0 A		**FG 9030 L20 21J 01** ID 122660 **9960,-** 400V 3~N/50Hz 40 °C 3130 m³/h 3.150 W 8,0 A		**FG 9030 L20 24J 01** ID 122661 **9860,-** 400V 3~N/50Hz 40 °C 3190 m³/h 3.200 W 8,0 A	
	COM 01 ID 122872	**240,-**	**COM 01** ID 122872	**240,-**	**COM 01** ID 122872	**240,-**	**COM 01** ID 122872	**240,-**

Modbus

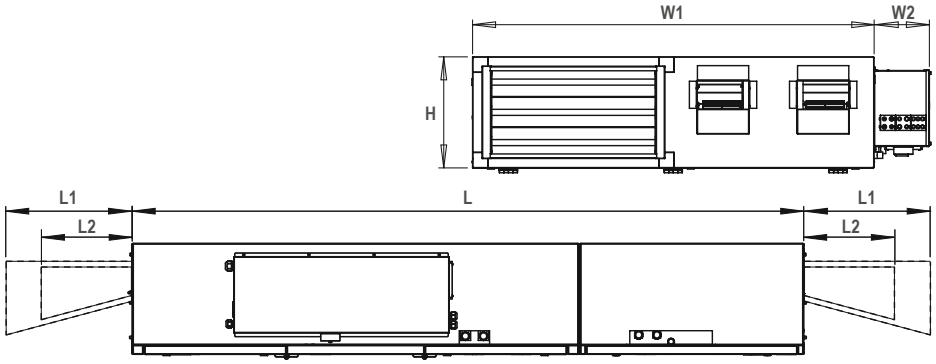
MYMZD.	**SDK 0130** ID 115830	**160,-**	**SDK 0130** ID 115830	**160,-**	**SDK 0130** ID 115830	**160,-**	**SDK 0130** ID 115830	**160,-**	**Sound diffuser**
MYSLS.	**STK 01** ID 112934	**447,-**	**STK 01** ID 112934	**447,-**	**STK 01** ID 112934	**447,-**	**STK 01** ID 112934	**447,-**	**Three way ball valve**
MYSLS.	**STK 02** ID 112935	**470,-**	**STK 02** ID 112935	**470,-**	**STK 02** ID 112935	**470,-**	**STK 02** ID 112935	**470,-**	**Three way ball valve**
MYSLS.	**STK 03** ID 112936	**525,-**	**STK 03** ID 112936	**525,-**	**STK 03** ID 112936	**525,-**	**STK 03** ID 112936	**525,-**	**Three way ball valve**
MYSLS.	**STK 05** ID 121620	**447,-**	**STK 05** ID 121620	**447,-**	**STK 05** ID 121620	**447,-**	**STK 05** ID 121620	**447,-**	**Three way ball valve**
MYMEP.	**LFP 11 F5** ID 108378	**63,-**	**LFP 11 F5** ID 108378	**63,-**	**LFP 20 F5** ID 108380	**106,-**	**LFP 20 F5** ID 108380	**106,-**	**Replacement Filter**
MYMEP.	**LFP 11 F7** ID 108673	**66,-**	**LFP 11 F7** ID 108673	**66,-**	**LFP 20 F7** ID 108379	**108,-**	**LFP 20 F7** ID 108379	**108,-**	**Replacement Filter**

n/v1,00000nk2 Subject to technical modification print 01.06.2012 valid from 01.06.2012 50Hz EUR 1,00000 prelis_2012_en_br

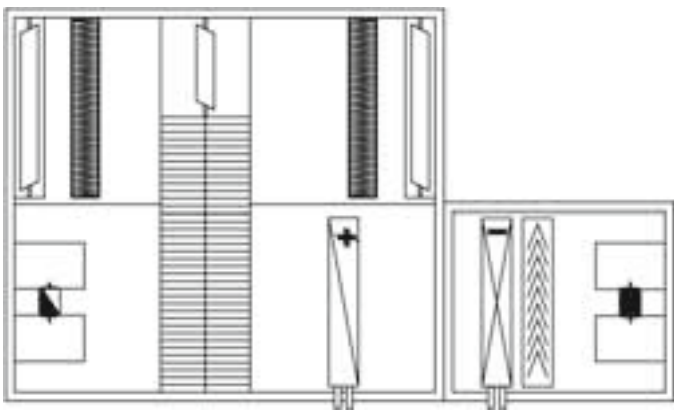


Type	ID	U	f	$I_{max.}$	P_1	W1	W2	H	L	L1	L2	Weight
		[V]	[Hz]	[A]	[W]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
FG 6030 G21 21 01	120200	230V ~	50	10,0	2050	1327		367	2220	475	300	205,0
FG 6030 L21 21J 01	122664	400V 3~N	50	6,0	2200	1327	1510	367	2220	475	300	
FG 6030 G21 24 01	120201	230V ~	50	10,5	2100	1327		367	2220	475	300	205,0
FG 6030 L21 24J 01	122665	400V 3~N	50	6,0	2300	1327	1510	367	2220	475	300	
FG 9030 G21 21 01	120202	230V ~	50	16,0	2850	1927		367	2220	475	300	285,0
FG 9030 L21 21J 01	122667	400V 3~N	50	8,0	3100	1927	2110	367	2220	475	300	
FG 9030 G21 24 01	120203	230V ~	50	16,0	2850	1927		367	2220	475	300	285,0
FG 9030 L21 24J 01	122668	400V 3~N	50	8,0	3100	1927	2110	367	2220	475	300	

(All units with connections in supply air direction right, connections left optional)



- Heat recovery unit for supply and extract air with plate heat exchanger in low profile design
- Integrated heater battery LPHW 2RR
- Cold water cooling coil 3RR
- Frameless housing, galvanised sheet metal 2 x 1 mm with 30 mm mineral wool insulation
- Compact construction with tandem fans
- Access panel removable
- 2 Panel filter F5
- Forward curved centrifugal fans
- Voltage controllable
- In/Outlet do not require flexible connection piece



	PWT 2,1	EUR	PWT 2,4	EUR	PWT 2,1	EUR	PWT 2,4	EUR
MWLW.	**FG 6030 G21 21 01** 5750,- ID 120200 230V ~/50Hz 40 °C 2010 m³/h 2.050 W 10,0 A		**FG 6030 G21 24 01** 5700,- ID 120201 230V ~/50Hz 40 °C 2090 m³/h 2.100 W 10,5 A		**FG 9030 G21 21 01** 6950,- ID 120202 230V ~/50Hz 40 °C 2820 m³/h 2.850 W 16,0 A		**FG 9030 G21 24 01** 6900,- ID 120203 230V ~/50Hz 40 °C 2840 m³/h 2.850 W 16,0 A	
	TEM 075 ID 103507 265,- **TES 075** ID 103957 146,- **GS 01** ID 102787 60,-		**TEM 075** ID 103507 265,- **TES 075** ID 103957 146,- **GS 01** ID 102787 60,-		**TEM 075** ID 103507 265,- **TES 075** ID 103957 146,- **GS 01** ID 102787 60,-		**TEM 075** ID 103507 265,- **TES 075** ID 103957 146,- **GS 01** ID 102787 60,-	
MYMZD.	**SDK 0130** 160,- ID 115830		**SDK 0130** 160,- ID 115830		**SDK 0130** 160,- ID 115830		**SDK 0130** 160,- ID 115830	
MYSLM.	**MAN 01** 56,- ID 104226		**MAN 01** 56,- ID 104226		**MAN 01** 56,- ID 104226		**MAN 01** 56,- ID 104226	
MYSLT.	**THE 02** 139,- ID 115566		**THE 02** 139,- ID 115566		**THE 02** 139,- ID 115566		**THE 02** 139,- ID 115566	
MYSLS.	**STA 01** 185,- ID 103590		**STA 01** 185,- ID 103590		**STA 01** 185,- ID 103590		**STA 01** 185,- ID 103590	
MYSLS.	**STA 11** 184,- ID 103933		**STA 11** 184,- ID 103933		**STA 11** 184,- ID 103933		**STA 11** 184,- ID 103933	
MYSLS.	**STA 02** 257,- ID 107204		**STA 02** 257,- ID 107204		**STA 02** 257,- ID 107204		**STA 02** 257,- ID 107204	
MYSLS.	**STA 12** 280,- ID 107631		**STA 12** 280,- ID 107631		**STA 12** 280,- ID 107631		**STA 12** 280,- ID 107631	
MYMEP.	**LFP 11 F5** 63,- ID 108378		**LFP 11 F5** 63,- ID 108378		**LFP 20 F5** 106,- ID 108380		**LFP 20 F5** 106,- ID 108380	
MYMEP.	**LFP 11 F7** 66,- ID 108673		**LFP 11 F7** 66,- ID 108673		**LFP 20 F7** 108,- ID 108379		**LFP 20 F7** 108,- ID 108379	

Specific Accessories
For details see page: 134

Sound diffuser

Pressure sensor
50-500 Pa

Frost protection thermostat

Damper actuator
24 V, 3-Point Control

Damper actuator
230 V, 3-Point Control

Damper actuator
24 V, continous control 0-10 V

Damper actuator
230 V, continous control 0-10 V

Replacement Filter

Replacement Filter

	PWT 3,3	EUR	PWT 5,0	EUR	PWT 3,3	EUR	PWT 5,0	EUR
MWLW.	**FG 6030 L21 21J 01** ID 122664 **10210,-** 400V 3~N/50Hz 40 °C 2020 m³/h 2.200 W 6,0 A		**FG 6030 L21 24J 01** ID 122665 **10160,-** 400V 3~N/50Hz 40 °C 2090 m³/h 2.300 W 6,0 A 60/80/55 db(A)		**FG 9030 L21 21J 01** ID 122667 **11410,-** 400V 3~N/50Hz 40 °C 2880 m³/h 3.100 W 8,0 A		**FG 9030 L21 24J 01** ID 122668 **11360,-** 400V 3~N/50Hz 40 °C 2915 m³/h 3.100 W 8,0 A	
	COM 01 ID 122872 240,-		**COM 01** ID 122872 240,-		**COM 01** ID 122872 240,-		**COM 01** ID 122872 240,-	
MYMZD.	**SDK 0130** 160,- ID 115830		**SDK 0130** 160,- ID 115830		**SDK 0130** 160,- ID 115830		**SDK 0130** 160,- ID 115830	
MYSLS.	**STK 01** 447,- ID 112934		**STK 01** 447,- ID 112934		**STK 01** 447,- ID 112934		**STK 01** 447,- ID 112934	
MYSLS.	**STK 02** 470,- ID 112935		**STK 02** 470,- ID 112935		**STK 02** 470,- ID 112935		**STK 02** 470,- ID 112935	
MYSLS.	**STK 03** 525,- ID 112936		**STK 03** 525,- ID 112936		**STK 03** 525,- ID 112936		**STK 03** 525,- ID 112936	
MYSLS.	**STK 05** 447,- ID 121620		**STK 05** 447,- ID 121620		**STK 05** 447,- ID 121620		**STK 05** 447,- ID 121620	
MYMEP.	**LFP 11 F5** 63,- ID 108378		**LFP 11 F5** 63,- ID 108378		**LFP 20 F5** 106,- ID 108380		**LFP 20 F5** 106,- ID 108380	
MYMEP.	**LFP 11 F7** 66,- ID 108673		**LFP 11 F7** 66,- ID 108673		**LFP 20 F7** 108,- ID 108379		**LFP 20 F7** 108,- ID 108379	

Modbus

Sound diffuser

Three way ball valve

Three way ball valve

Three way ball valve

Three way ball valve

Replacement Filter

Replacement Filter

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Complete solution
The new ROTOLINE RLI integrated with ETALINE fans offer a complete wired solution for time-saving installation.

Confortable operation
Through the included remote control the temperature and fan speed can be varied. A timer is integrated in the remote control.

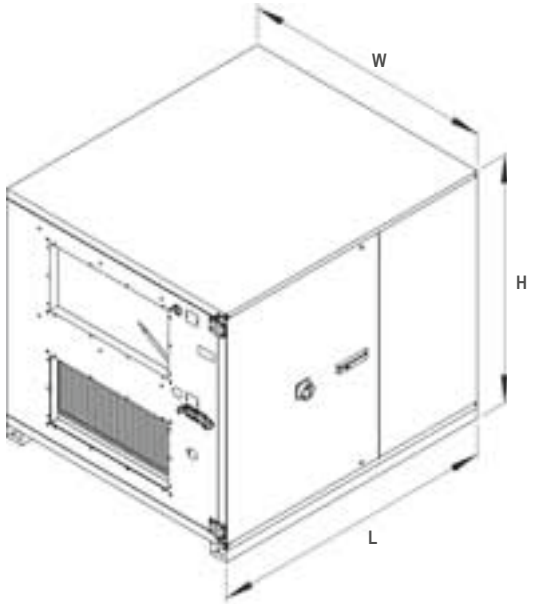
- Integrated controls in the unit
- With remote control
- Large surface compact filter F5/F7
- Re-heat coil (LPHW)
- Cooling coil, DX coil (optional)
- Heat recovery wheel removable
- Easy to clean smooth finish design and covered cable routing

Control System
The regulation installed in the unit is easily accessible. All connections are realized with plug cords.

Energy saving frequency converter
The frequency converters is intalled in the unit and wired.

Integrated drain pan
A cooling or DX coil can easily be retroactively fitted into the unit.

Dampers
Dampers for Intake and Exhaust Air is supplied with spring return actuators.



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Compact dimensions
ROTOLINE is the most compact heat recovery unit in its class. By placing the energy saving fan ETALINE in the duct system the ventilation unit becomes 50 - 70 % more compact.

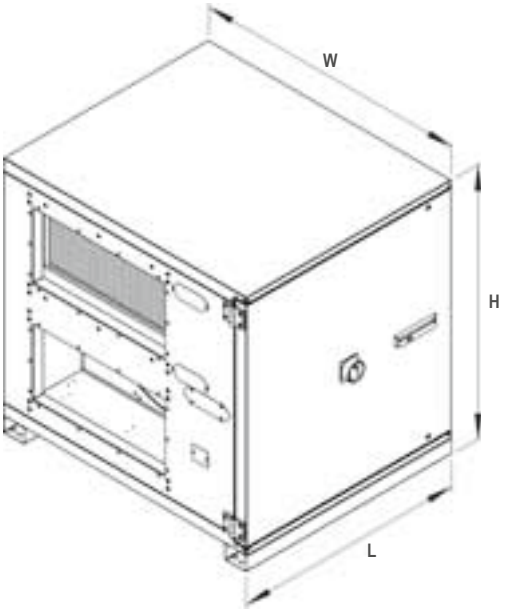
High quality housing
The housing is insulated with 40 mm mineral wool. The housing with high quality finish is a frameless sheet metal design with smooth interior and exterior walls. All parts are easily accessible. The rotor can be extracted with minimum effort. The cables are arranged in the unit and covered.

- Integrated controls in the unit
- With remote control
- Large surface compact filter F5/F7
- Re-heat coil (LPHW)
- Cooling coil, DX coil (optional)
- Heat recovery wheel removable
- Easy to clean smooth finish design and covered cable routing

Control System
The regulation installed in the unit is easily accessible. All connections are realized with plug cords.

Energy saving frequency converter
The frequency converters is intalled in the unit and wired.

Compact dimensions
Even a 9000 m³/h unit can fit through a standard 80 cm door without any problems.



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Type	ID	EUR	Max. Air volume at 200Pa external pressure	Connection side right	Connection side left	Heating LPHW	Cooling coil cold water	DX coil			
ROTOLINE											
RLI 700 EC 10	122613	**9200,-**	1770	x		x					
RLI 700 EC 11	122600	**9200,-**	1770		x	x					
RLI 900 FC 10	118638	**10800,-**	3370	x		x					
RLI 900 FC 11	118640	**10800,-**	3370		x	x					
RLI 1200 FC 10	119802	**15100,-**	7350	x		x					
RLI 1200 FC 11	119805	**15100,-**	7350		x	x					
RLI 1200 EC 10	120494	**17100,-**	7600	x		x					
RLI 1200 EC 11	120497	**17100,-**	7600		x	x					
RLI 1600 EC 10	120665	**20100,-**	8700	x		x					
RLI 1600 EC 11	120668	**20100,-**	8700		x	x					
RLI 2000 EC 10	120813	**27700,-**	12100	x		x					
RLI 2000 EC 11	120811	**27700,-**	12100		x	x					
ROTOLINE With cooling coil LPCW (Low Pressure Cold Water)											
RLI 700 EC 12	122615	**9900,-**	1660	x		x	x				
RLI 700 EC 13	122603	**9900,-**	1660		x	x	x				
RLI 900 FC 12	118727	**11500,-**	3060	x		x	x				
RLI 900 FC 13	118742	**11500,-**	3060		x	x	x				
RLI 1200 FC 12	119808	**16000,-**	6870	x		x	x				
RLI 1200 FC 13	119811	**16000,-**	6870		x	x	x				
RLI 1200 EC 12	120500	**18000,-**	7100	x		x	x				
RLI 1200 EC 13	120503	**18000,-**	7100		x	x	x				
RLI 1600 EC 12	120671	**21500,-**	8470	x		x	x				
RLI 1600 EC 13	120674	**21500,-**	8470		x	x	x				
RLI 2000 EC 12	120838	**28700,-**	11300	x		x	x				
RLI 2000 EC 13	120835	**28700,-**	11300		x	x	x				
ROTOLINE With DX coil											
RLI 700 EC 14	122618	**9900,-**	1670	x		x		x			
RLI 700 EC 15	122606	**9900,-**	1670		x	x		x			
RLI 900 FC 14	118752	**11600,-**	3050	x		x		x			
RLI 900 FC 15	118755	**11600,-**	3050		x	x		x			
RLI 1200 FC 14	119814	**16100,-**	6840	x		x		x			
RLI 1200 FC 15	119817	**16100,-**	6840		x	x		x			
RLI 1200 EC 14	120506	**18100,-**	7080	x		x		x			
RLI 1200 EC 15	120509	**18100,-**	7080		x	x		x			
RLI 1600 EC 14	120677	**21700,-**	8440	x		x		x			
RLI 1600 EC 15	120680	**21700,-**	8440		x	x		x			
RLI 2000 EC 14	120837	**29000,-**	11300	x		x		x			
RLI 2000 EC 15	120836	**29000,-**	11300		x	x		x			

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Type	ID	EUR	Max. Air volume at 200Pa external pressure	Connection side right	Connection side left	Heating LPHW	Cooling coil cold water	DX coil	Incl.	ID	Etaline Fan
ROTOLINE											
RLE 700 EC 10	122591	**7500,-**	1770	x		x			EL 250 D2 01	118980	2 pcs.
RLE 700 EC 11	122582	**7500,-**	1770		x	x			EL 250 D2 01	118980	2 pcs.
RLE 900 FC 10	118816	**8800,-**	3370	x		x			EL 355 D2 01	112760	2 pcs.
RLE 900 FC 11	118819	**8800,-**	3370		x	x			EL 355 D2 01	112760	2 pcs.
RLE 1200 FC 10	119640	**12500,-**	7350	x		x			EL 500 D4 01	117580	2 pcs.
RLE 1200 FC 11	119643	**12500,-**	7350		x	x			EL 500 D4 01	117580	2 pcs.
RLE 1200 EC 10	120512	**14500,-**	7600	x		x			EL 500 EC 01	119321	2 pcs.
RLE 1200 EC 11	120515	**14500,-**	7600		x	x			EL 500 EC 01	119321	2 pcs.
RLE 1600 EC 10	120372	**17000,-**	8700	x		x			EL 500 EC 01	119321	2 pcs.
RLE 1600 EC 11	120375	**17000,-**	8700		x	x			EL 500 EC 01	119321	2 pcs.
RLE 2000 EC 10	120782	**24200,-**	12100	x		x			EL 630 EC 01	120853	2 pcs.
RLE 2000 EC 11	120784	**24200,-**	12100		x	x			EL 630 EC 01	120853	2 pcs.
ROTOLINE With cooling coil LPCW (Low Pressure Cold Water)											
RLE 700 EC 12	122594	**8200,-**	1660	x		x	x		EL 250 D2 01	118980	2 pcs.
RLE 700 EC 13	122584	**8200,-**	1660		x	x	x		EL 250 D2 01	118980	2 pcs.
RLE 900 FC 12	118822	**9500,-**	3060	x		x	x		EL 355 D2 01	112760	2 pcs.
RLE 900 FC 13	118825	**9500,-**	3060		x	x	x		EL 355 D2 01	112760	2 pcs.
RLE 1200 FC 12	119647	**13400,-**	6870	x		x	x		EL 500 D4 01	117580	2 pcs.
RLE 1200 FC 13	119650	**13400,-**	6870		x	x	x		EL 500 D4 01	117580	2 pcs.
RLE 1200 EC 12	120518	**15400,-**	7100	x		x	x		EL 500 EC 01	119321	2 pcs.
RLE 1200 EC 13	120521	**15400,-**	7100		x	x	x		EL 500 EC 01	119321	2 pcs.
RLE 1600 EC 12	120378	**18400,-**	8470	x		x	x		EL 500 EC 01	119321	2 pcs.
RLE 1600 EC 13	120381	**18400,-**	8470		x	x	x		EL 500 EC 01	119321	2 pcs.
RLE 2000 EC 12	120798	**25200,-**	11300	x		x	x		EL 630 EC 01	120853	2 pcs.
RLE 2000 EC 13	120799	**25200,-**	11300		x	x	x		EL 630 EC 01	120853	2 pcs.
ROTOLINE With DX coil											
RLE 700 EC 14	122597	**8200,-**	1670	x		x		x	EL 250 D2 01	118980	2 pcs.
RLE 700 EC 15	122586	**8200,-**	1670		x	x		x	EL 250 D2 01	118980	2 pcs.
RLE 900 FC 14	118828	**9600,-**	3050	x		x		x	EL 355 D2 01	112760	2 pcs.
RLE 900 FC 15	118831	**9600,-**	3050		x	x		x	EL 355 D2 01	112760	2 pcs.
RLE 1200 FC 14	119653	**13500,-**	6840	x		x		x	EL 500 D4 01	117580	2 pcs.
RLE 1200 FC 15	119656	**13500,-**	6840		x	x		x	EL 500 D4 01	117580	2 pcs.
RLE 1200 EC 14	120524	**15500,-**	7080	x		x		x	EL 500 EC 01	119321	2 pcs.
RLE 1200 EC 15	120527	**15500,-**	7080		x	x		x	EL 500 EC 01	119321	2 pcs.
RLE 1600 EC 14	120384	**19600,-**	8440	x		x		x	EL 500 EC 01	119321	2 pcs.
RLE 1600 EC 15	120387	**19600,-**	8440		x	x		x	EL 500 EC 01	119321	2 pcs.
RLE 2000 EC 14	120800	**25600,-**	11300	x		x		x	EL 630 EC 01	120853	2 pcs.
RLE 2000 EC 15	120792	**25600,-**	11300		x	x		x	EL 630 EC 01	120853	2 pcs.

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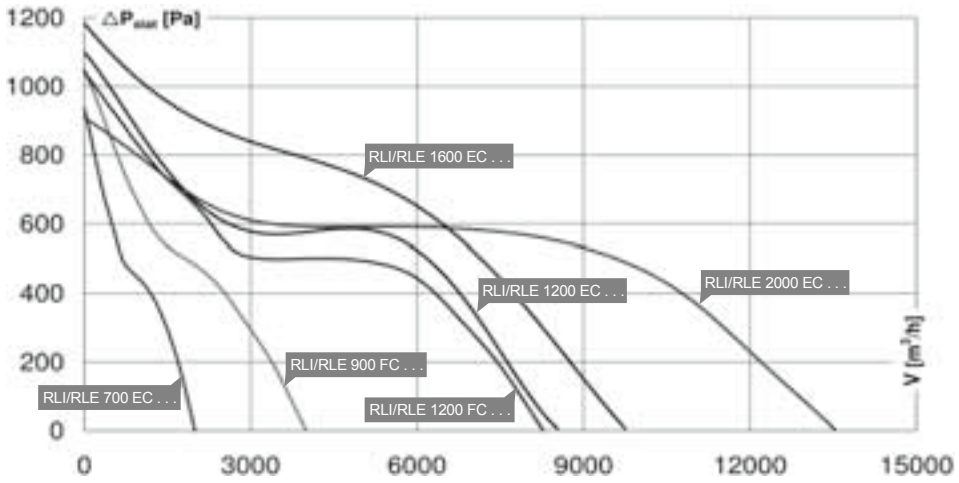
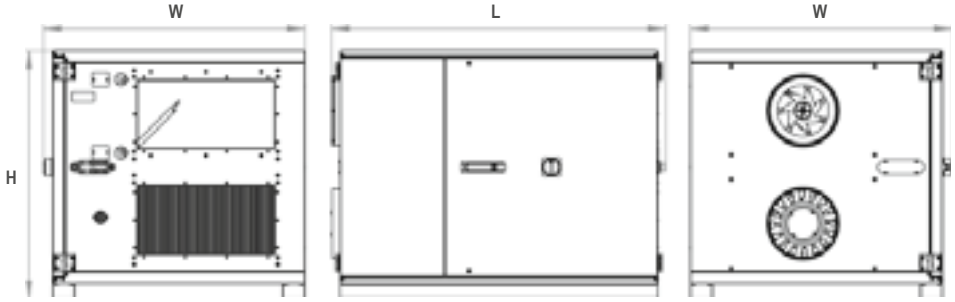
RLI/RLE **ROTOLINE,** AHU with rotating heat wheel



Type	ID	U	f	$I_{max.}$	P_1	Rows	W	H	L	Weight
		[V]	[Hz]	[A]	[W]	Heating coil	[mm]	[mm]	[mm]	[kg]
RLI 700 EC 10	122613	400V 3~N	50	3,5	750	2	946	895	1211	
RLI 700 EC 11	122600	400V 3~N	50	3,5	750	2	946	895	1211	
RLI 900 FC 10	118638	400V 3~	50	8,0	2260	2	1146	1095	1353	315,0
RLI 900 FC 11	118640	400V 3~	50	8,0	2260	2	1146	1095	1353	315,0
RLI 1200 FC 10	119802	400V 3~	50	12,6	4100	2	1446	1395	1493	460,0
RLI 1200 FC 11	119805	400V 3~	50	12,6	4100	2	1446	1395	1493	460,0
RLI 1200 EC 10	120494	400V 3~N	50	7,0	3900	2	1446	1395	1493	470,0
RLI 1200 EC 11	120497	400V 3~N	50	7,0	3900	2	1446	1395	1493	470,0
RLI 1600 EC 10	120665	400V 3~N	50	7	3840	2	1846	1795	1493	670,0
RLI 1600 EC 11	120668	400V 3~N	50	7	3840	2	1846	1795	1493	670,0
RLI 2000 EC 10	120813	400V 3~N	50	8	4800	2	2246	2220	1756	
RLI 2000 EC 11	120811	400V 3~N	50	8	4800	2	2246	2220	1756	
RLE 700 EC 10	122591	400V 3~N	50	3,5	750	2	946	895	816	
RLE 700 EC 11	122582	400V 3~N	50	3,5	750	2	946	895	816	
RLE 900 FC 10	118816	400V 3~	50	8,0	2260	2	1146	1095	816	230,0
RLE 900 FC 11	118819	400V 3~	50	8,0	2260	2	1146	1095	816	230,0
RLE 1200 FC 10	119640	400V 3~	50	12,6	4100	2	1446	1395	816	265,0
RLE 1200 FC 11	119643	400V 3~	50	12,6	4100	2	1446	1395	816	265,0
RLE 1200 EC 10	120512	400V 3~N	50	7,0	3900	2	1446	1395	816	275,0
RLE 1200 EC 11	120515	400V 3~N	50	7,0	3900	2	1446	1395	816	275,0
RLE 1600 EC 10	120372	400V 3~N	50	7,0	3840	2	1846	1795	816	
RLE 1600 EC 11	120375	400V 3~N	50	7,0	3840	2	1846	1795	816	
RLE 2000 EC 10	120782	400V 3~N	50	8	4800	2	2246	2220	816	
RLE 2000 EC 11	120784	400V 3~N	50	8	4800	2	2246	2220	816	

- Heat recovery unit with heat recovery wheel
- Frameless casing, galvanised sheet metal 2 x 1 mm with 40 mm mineral wool insulation
- Integrated controls in the unit
- Large surface compact filter F5/F7
- Re-heat coil (LPHW)
- Easy to clean smooth finish design and covered cable routing



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	EUR	EUR			
MWR.	**RLI 700 EC 10** **9200,-** ID 122613 400V 3~N/50Hz 40 °C 2000 m³/h 750 W 3,5 A Connection side right	**RLI 900 FC 10** **10800,-** ID 118638 400V 3~/50Hz 40 °C 4000 m³/h 2.260 W 8,0 A 71/74/53 db(A) Connection side right			
MWR.	**RLI 700 EC 11** **9200,-** ID 122600 400V 3~N/50Hz 40 °C 2000 m³/h 750 W 3,5 A Connection side left	**RLI 900 FC 11** **10800,-** ID 118640 400V 3~/50Hz 40 °C 4000 m³/h 2.260 W 8,0 A 71/74/53 db(A) Connection side left			
MWR.	**RLE 700 EC 10** **7500,-** ID 122591 400V 3~N/50Hz 40 °C 2000 m³/h 750 W 3,5 A Connection side right	**RLE 900 FC 10** **8800,-** ID 118816 400V 3~/50Hz 40 °C 4000 m³/h 2.260 W 8,0 A 71/74/53 db(A) Connection side right			
MWR.	**RLE 700 EC 11** **7500,-** ID 122582 400V 3~N/50Hz 40 °C 2000 m³/h 750 W 3,5 A Connection side left	**RLE 900 FC 11** **8800,-** ID 118819 400V 3~/50Hz 40 °C 4000 m³/h 2.260 W 8,0 A 71/74/53 db(A) Connection side left			

Specific Accessories
For details see page: 134

Specific Accessories
For details see page: 134

MYMKU.	**UKR 5025 02** **70,-** ID 119718	**UKR 6030 01** **68,-** ID 113591			
MYMRV.	**VM 250** **19,-** ID 102651	**VM 355** **24,-** ID 102653			
MYMRDS.	**SDS 250** **106,-** ID 102721	**SDS 355** **176,-** ID 102725			
MYMRDF.	**SDF 250** **110,-** ID 102705	**SDF 355** **144,-** ID 102707			
MYMEP.	**LFP 17 F5** **142,-** ID 119032	**LFP 25 F5** **180,-** ID 112169			
MYMEP.	**LFP 17 F7** **146,-** ID 119033	**LFP 25 F7** **190,-** ID 112170			
MYSLS.	**STK 02** **470,-** ID 112935	**STK 02** **470,-** ID 112935			
MYSLS.	**STK 03** **525,-** ID 112936	**STK 03** **525,-** ID 112936			
MYMWR.	**RD RLI 700** **470,-** ID 121628	**RD RLI 900** **480,-** ID 121552			
MYMWR.	**RD RLE 700** **350,-** ID 121627	**RD RLE 900** **360,-** ID 121551			
MYSC.	**COM 01** **240,-** ID 122872	**COM 01** **240,-** ID 122872			

Transition
Rectangular/round duct

Fast Clamps
1 Set = 2 pcs.

Duct Silencer
Rigid, 1 m

Duct Silencer
Flexibel, 1 m

Replacement Filter

Replacement Filter

Three way ball valve

Three way ball valve

Rain Cover

Rain Cover

Modbus

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RLI/RLE **ROTOLINE,** AHU with rotating heat wheel

Specific Accessories
For details see page: 134

Specific Accessories
For details see page: 134

EUR	EUR	EUR	EUR	
RLI 1200 FC 10 15100,- ID 119802 400V 3~/50Hz 40 °C 8240 m³/h 4.100 W 12,6 A 90/94/73 db(A) Connection side right	**RLI 1200 EC 10** 17100,- ID 120494 400V 3~N/50Hz 40 °C 8530 m³/h 3.900 W 7,0 A 82/75/71 db(A) Connection side right	**RLI 1600 EC 10** 20100,- ID 120665 400V 3~N/50Hz 40 °C 9750 m³/h 4.000 W 7,0 A 81/79/60 db(A) Connection side right	**RLI 2000 EC 10** 27700,- ID 120813 400V 3~N/50Hz 40 °C 13550 m³/h 4.800 W 8,0 A 83/-/- db(A) Connection side right	MWR.
RLI 1200 FC 11 15100,- ID 119805 400V 3~/50Hz 40 °C 8240 m³/h 4.100 W 12,6 A 90/94/73 db(A) Connection side left	**RLI 1200 EC 11** 17100,- ID 120497 400V 3~N/50Hz 40 °C 8530 m³/h 3.900 W 7,0 A 82/75/71 db(A) Connection side left	**RLI 1600 EC 11** 20100,- ID 120668 400V 3~N/50Hz 40 °C 9750 m³/h 4.000 W 7,0 A 81/79/60 db(A) Connection side left	**RLI 2000 EC 11** 27700,- ID 120811 400V 3~N/50Hz 40 °C 13550 m³/h 4.800 W 8,0 A 83/-/- db(A) Connection side left	MWR.
RLE 1200 FC 10 12500,- ID 119640 400V 3~/50Hz 40 °C 8240 m³/h 4.100 W 12,6 A 90/94/73 db(A) Connection side right	**RLE 1200 EC 10** 14500,- ID 120512 400V 3~N/50Hz 40 °C 8530 m³/h 3.900 W 7,0 A 83/75/83 db(A) Connection side right	**RLE 1600 EC 10** 17000,- ID 120372 400V 3~N/50Hz 40 °C 9750 m³/h 4.000 W 7,0 A 81/79/77 db(A) Connection side right	**RLE 2000 EC 10** 24200,- ID 120782 400V 3~N/50Hz 40 °C 13550 m³/h 4.800 W 8,0 A 83/-/76 db(A) Connection side right	MWR.
RLE 1200 FC 11 12500,- ID 119643 400V 3~/50Hz 40 °C 8240 m³/h 4.100 W 12,6 A 90/94/73 db(A) Connection side left	**RLE 1200 EC 11** 14500,- ID 120515 400V 3~N/50Hz 40 °C 8530 m³/h 3.900 W 7,0 A 83/75/83 db(A) Connection side left	**RLE 1600 EC 11** 17000,- ID 120375 400V 3~N/50Hz 40 °C 9750 m³/h 4.000 W 7,0 A 81/79/77 db(A) Connection side left	**RLE 2000 EC 11** 24200,- ID 120784 400V 3~N/50Hz 40 °C 13550 m³/h 4.800 W 8,0 A 83/-/76 db(A) Connection side left	MWR.

Transition Rectangular/round duct **UKR 8050 02** 110,- ID 118052	**UKR 8050 02** 110,- ID 118052			MYMKU.
Fast Clamps 1 Set = 2 pcs. **VM 500** 32,- ID 118094	**VM 500** 32,- ID 118094	**VM 500** 32,- ID 118094	**VM 630** 45,- ID 119497	MYMRV.
Duct Silencer Rigid, 1 m **SDS 500** 228,- ID 118834	**SDS 500** 228,- ID 118834			MYMRDS.
Replacement Filter **LFP 15 F5** 100,- ID 108381 2 pcs. required	**LFP 15 F5** 100,- ID 108381 2 pcs. required	**LFP 27 F5** 200,- ID 120223 2 pcs. required	**LFP 26 F5** 245,- ID 122241 3 pcs. required	MYMEP.
Replacement Filter **LFP 15 F7** 103,- ID 108674 2 pcs. required	**LFP 15 F7** 103,- ID 108674 2 pcs. required	**LFP 27 F7** 210,- ID 120224 2 pcs. required	**LFP 26 F7** 255,- ID 120090 3 pcs. required	MYMEP.
Three way ball valve **STK 03** 525,- ID 112936	**STK 03** 525,- ID 112936	**STK 03** 525,- ID 112936	**STK 03** 525,- ID 112936	MYSLS.
Three way ball valve **STK 04** 683,- ID 117602	**STK 04** 683,- ID 117602	**STK 04** 683,- ID 117602	**STK 04** 683,- ID 117602	MYSLS.
Rain Cover **RD RLI 1200** 550,- ID 121754	**RD RLI 1200** 550,- ID 121754	**RD RLI 1600** 640,- ID 122214		MYMWR.
Rain Cover **RD RLE 1200** 390,- ID 121745	**RD RLE 1200** 390,- ID 121745	**RD RLE 1600** 420,- ID 122211		MYMWR.
Modbus **COM 01** 240,- ID 122872	**COM 01** 240,- ID 122872	**COM 01** 240,- ID 122872	**COM 01** 240,- ID 122872	MYSC.

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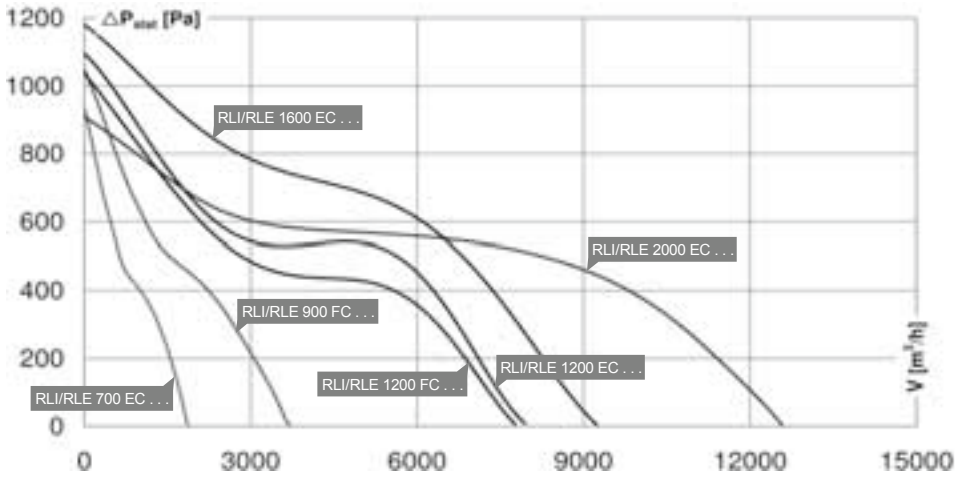
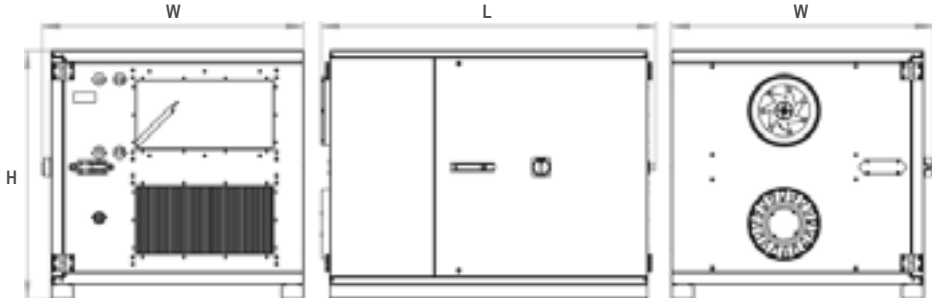


Type	ID	U	f	$I_{max.}$	P_1	Rows	Rows	W	H	L	Weight
		[V]	[Hz]	[A]	[W]	Heating coil	Cooling coil	[mm]	[mm]	[mm]	[kg]
RLI 700 EC 12	122615	400V 3~N	50	3,5	750	2	3	946	895	1211	
RLI 700 EC 13	122603	400V 3~N	50	3,5	750	2	3	946	895	1211	
RLI 900 FC 12	118727	400V 3~	50	8,0	2260	2	3	1146	1095	1353	330,0
RLI 900 FC 13	118742	400V 3~	50	8,0	2260	2	3	1146	1095	1353	330,0
RLI 1200 FC 12	119808	400V 3~	50	12,6	4100	2	3	1446	1395	1493	480,0
RLI 1200 FC 13	119811	400V 3~	50	12,6	4100	2	3	1446	1395	1493	480,0
RLI 1200 EC 12	120500	400V 3~N	50	7,0	3900	2	3	1446	1395	1493	490,0
RLI 1200 EC 13	120503	400V 3~N	50	7,0	3900	2	3	1446	1395	1493	490,0
RLI 1600 EC 12	120671	400V 3~N	50	7	3840	2	3	1846	1795	1493	700,0
RLI 1600 EC 13	120674	400V 3~N	50	7	3840	2	3	1846	1795	1493	700,0
RLI 2000 EC 12	120838	400V 3~N	50	8	4800	2	3	2246	2220	1756	
RLI 2000 EC 13	120835	400V 3~N	50	8	4800	2	3	2246	2220	1756	
RLE 700 EC 12	122594	400V 3~N	50	3,5	750	2	3	946	895	816	
RLE 700 EC 13	122584	400V 3~N	50	3,5	750	2	3	946	895	816	
RLE 900 FC 12	118822	400V 3~	50	8,0	2260	2	3	1146	1095	816	230,0
RLE 900 FC 13	118825	400V 3~	50	8,0	2260	2	3	1146	1095	816	230,0
RLE 1200 FC 12	119647	400V 3~	50	12,6	4100	2	3	1446	1395	816	285,0
RLE 1200 FC 13	119650	400V 3~	50	12,6	4100	2	3	1446	1395	816	285,0
RLE 1200 EC 12	120518	400V 3~N	50	7,0	3900	2	3	1446	1395	816	295,0
RLE 1200 EC 13	120521	400V 3~N	50	7,0	3900	2	3	1446	1395	816	295,0
RLE 1600 EC 12	120378	400V 3~N	50	7,0	3840	2	3	1846	1795	816	
RLE 1600 EC 13	120381	400V 3~N	50	7,0	3840	2	3	1846	1795	816	
RLE 2000 EC 12	120798	400V 3~N	50	8	4800	2	3	2246	2220	816	
RLE 2000 EC 13	120799	400V 3~N	50	8	4800	2	3	2246	2220	816	

- Heat recovery unit with heat recovery wheel
- Frameless casing, galvanised sheet metal 2 x 1 mm with 40 mm mineral wool insulation
- Integrated controls in the unit
- Large surface compact filter F5/F7
- Re-heat coil (LPHW)
- Cooling coil, DX coil (optional)
- Easy to clean smooth finish design and covered cable routing



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RLI/RLE **ROTOLINE,** AHU with rotating heat wheel

Specific Accessories
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Specific Accessories
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	EUR		EUR				
RLI 700 EC 12 ID 122615 400V 3~N/50Hz 40 °C 1910 m³/h 750 W 3,5 A Connection side right	**9900,-**	**RLI 900 FC 12** ID 118727 400V 3~/50Hz 40 °C 4000 m³/h 2.260 W 8,0 A 71/74/53 db(A) Connection side right	**11500,-**				MWR.
RLI 700 EC 13 ID 122603 400V 3~N/50Hz 40 °C 1910 m³/h 750 W 3,5 A Connection side left	**9900,-**	**RLI 900 FC 13** ID 118742 400V 3~/50Hz 40 °C 4000 m³/h 2.260 W 8,0 A 71/74/53 db(A) Connection side left	**11500,-**				MWR.
RLE 700 EC 12 ID 122594 400V 3~N/50Hz 40 °C 1910 m³/h 750 W 3,5 A Connection side right	**8200,-**	**RLE 900 FC 12** ID 118822 400V 3~/50Hz 40 °C 4000 m³/h 2.260 W 8,0 A 71/74/53 db(A) Connection side right	**9500,-**				MWR.
RLE 700 EC 13 ID 122584 400V 3~N/50Hz 40 °C 1910 m³/h 750 W 3,5 A Connection side left	**8200,-**	**RLE 900 FC 13** ID 118825 400V 3~/50Hz 40 °C 4000 m³/h 2.260 W 8,0 A 71/74/53 db(A) Connection side left	**9500,-**				MWR.

Transition
Rectangular/round duct

UKR 5025 02 ID 119718	**70,-**	**UKR 6030 01** ID 113591	**68,-**				MYMKU.

Fast Clamps
1 Set = 2 pcs.

VM 250 ID 102651	**19,-**	**VM 355** ID 102653	**24,-**				MYMRV.

Duct Silencer
Rigid, 1 m

SDS 250 ID 102721	**106,-**	**SDS 355** ID 102725	**176,-**				MYMRDS.

Duct Silencer
Flexibel, 1 m

SDF 250 ID 102705	**110,-**	**SDF 355** ID 102707	**144,-**				MYMRDF.

Replacement Filter

LFP 17 F5 ID 119032	**142,-**	**LFP 25 F5** ID 112169	**180,-**				MYMEP.

Replacement Filter

LFP 17 F7 ID 119033	**146,-**	**LFP 25 F7** ID 112170	**190,-**				MYMEP.

Three way ball valve

STK 02 ID 112935	**470,-**	**STK 02** ID 112935	**470,-**				MYSLS.

Three way ball valve

STK 03 ID 112936	**525,-**	**STK 03** ID 112936	**525,-**				MYSLS.

Rain Cover

RD RLI 700 ID 121628	**470,-**	**RD RLI 900** ID 121552	**480,-**				MYMWR.

Rain Cover

RD RLE 700 ID 121627	**350,-**	**RD RLE 900** ID 121551	**360,-**				MYMWR.

Modbus

COM 01 ID 122872	**240,-**	**COM 01** ID 122872	**240,-**				MYSC.

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	EUR	EUR	EUR	EUR
MWR.	**RLI 1200 FC 12** 16000,- ID 119808 400V 3~/50Hz 40 °C 8240 m³/h 4.100 W 12,6 A 90/94/73 db(A) Connection side left	**RLI 1200 EC 12** 18000,- ID 120500 400V 3~N/50Hz 40 °C 7950 m³/h 3.900 W 7,0 A 83/70/70 db(A) Connection side right	**RLI 1600 EC 12** 21500,- ID 120671 400V 3~N/50Hz 40 °C 9250 m³/h 4.000 W 7,0 A 83/82/61 db(A) Connection side right	**RLI 2000 EC 12** 28700,- ID 120838 400V 3~N/50Hz 40 °C 12600 m³/h 4.800 W 8,0 A 88/-/- db(A) Connection side right
MWR.	**RLI 1200 FC 13** 16000,- ID 119811 400V 3~/50Hz 40 °C 8240 m³/h 4.100 W 12,6 A 90/94/73 db(A) Connection side left	**RLI 1200 EC 13** 18000,- ID 120503 400V 3~N/50Hz 40 °C 7950 m³/h 3.900 W 7,0 A 83/70/70 db(A) Connection side left	**RLI 1600 EC 13** 21500,- ID 120674 400V 3~N/50Hz 40 °C 9250 m³/h 4.000 W 7,0 A 83/82/61 db(A) Connection side left	**RLI 2000 EC 13** 28700,- ID 120835 400V 3~N/50Hz 40 °C 12600 m³/h 4.800 W 8,0 A 88/-/- db(A) Connection side left
MWR.	**RLE 1200 FC 12** 13400,- ID 119647 400V 3~/50Hz 40 °C 8240 m³/h 4.100 W 12,6 A 90/94/73 db(A) Connection side right	**RLE 1200 EC 12** 15400,- ID 120518 400V 3~N/50Hz 40 °C 7950 m³/h 3.900 W 7,0 A 83/70/79 db(A) Connection side right	**RLE 1600 EC 12** 18400,- ID 120378 400V 3~N/50Hz 40 °C 9250 m³/h 4.000 W 7,0 A 83/82/78 db(A) Connection side right	**RLE 2000 EC 12** 25200,- ID 120798 400V 3~N/50Hz 40 °C 12600 m³/h 4.800 W 8,0 A 88/-/83 db(A) Connection side right
MWR.	**RLE 1200 FC 13** 13400,- ID 119650 400V 3~/50Hz 40 °C 8240 m³/h 4.100 W 12,6 A 90/94/73 db(A) Connection side left	**RLE 1200 EC 13** 15400,- ID 120521 400V 3~N/50Hz 40 °C 7950 m³/h 3.900 W 7,0 A 83/70/79 db(A) Connection side left	**RLE 1600 EC 13** 18400,- ID 120381 400V 3~N/50Hz 40 °C 9250 m³/h 4.000 W 7,0 A 83/82/78 db(A) Connection side left	**RLE 2000 EC 13** 25200,- ID 120799 400V 3~N/50Hz 40 °C 12600 m³/h 4.800 W 8,0 A 88/-/83 db(A) Connection side left

Specific Accessories
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Specific Accessories
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MYMKU.	**UKR 8050 02** 110,- ID 118052	**UKR 8050 02** 110,- ID 118052			**Transition** Rectangular/round duct
MYMRV.	**VM 500** 32,- ID 118094	**VM 500** 32,- ID 118094	**VM 500** 32,- ID 118094	**VM 630** 45,- ID 119497	**Fast Clamps** 1 Set = 2 pcs.
MYMRDS.	**SDS 500** 228,- ID 118834	**SDS 500** 228,- ID 118834			**Duct Silencer** Rigid, 1 m
MYMEP.	**LFP 15 F5** 100,- ID 108381 2 pcs. required	**LFP 15 F5** 100,- ID 108381 2 pcs. required	**LFP 27 F5** 200,- ID 120223 2 pcs. required	**LFP 26 F5** 245,- ID 122241 3 pcs. required	**Replacement Filter**
MYMEP.	**LFP 15 F7** 103,- ID 108674 2 pcs. required	**LFP 15 F7** 103,- ID 108674 2 pcs. required	**LFP 27 F7** 210,- ID 120224 2 pcs. required	**LFP 26 F7** 255,- ID 120090 3 pcs. required	**Replacement Filter**
MYMEP.	**STK 03** 525,- ID 112936	**STK 03** 525,- ID 112936	**STK 03** 525,- ID 112936	**STK 03** 525,- ID 112936	**Three way ball valve**
MYSLS.	**STK 04** 683,- ID 117602	**STK 04** 683,- ID 117602	**STK 04** 683,- ID 117602	**STK 04** 683,- ID 117602	**Three way ball valve**
MYMWR.	**RD RLI 1200** 550,- ID 121754	**RD RLI 1200** 550,- ID 121754	**RD RLI 1600** 640,- ID 122214		**Rain Cover**
MYMWR.	**RD RLE 1200** 390,- ID 121745	**RD RLE 1200** 390,- ID 121745	**RD RLE 1600** 420,- ID 122211		**Rain Cover**
MYSC.	**COM 01** 240,- ID 122872	**COM 01** 240,- ID 122872	**COM 01** 240,- ID 122872	**COM 01** 240,- ID 122872	**Modbus**

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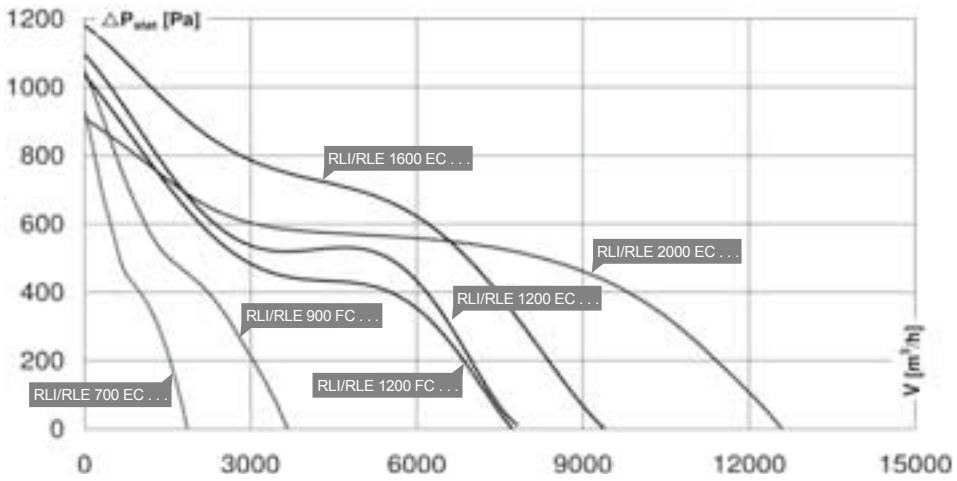
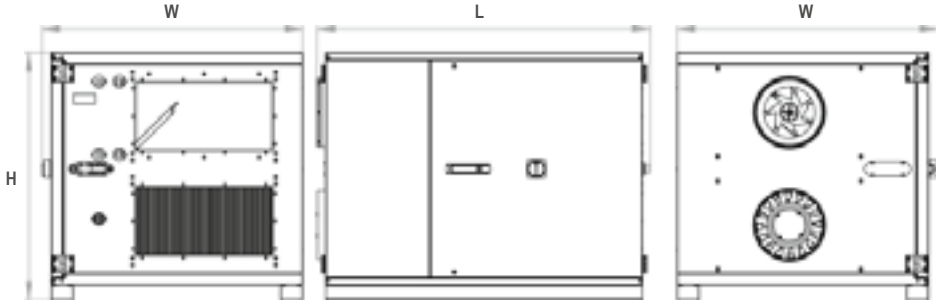
RLI/RLE **ROTOLINE,** AHU with rotating heat wheel



Type	ID	U	f	$I_{max.}$	P_1	Rows	Rows	W	H	L	Weight
		[V]	[Hz]	[A]	[W]	Heating coil	DX-Coil	[mm]	[mm]	[mm]	[kg]
RLI 700 EC 14	122618	400V 3~N	50	3,5	750	2	3	946	895	1211	
RLI 700 EC 15	122606	400V 3~N	50	3,5	750	2	3	946	895	1211	
RLI 900 FC 14	118752	400V 3~	50	8,0	2260	2	3	1146	1095	1353	330,0
RLI 900 FC 15	118755	400V 3~	50	8,0	2260	2	3	1146	1095	1353	330,0
RLI 1200 FC 14	119814	400V 3~	50	12,6	4100	2	3	1446	1395	1493	480,0
RLI 1200 FC 15	119817	400V 3~	50	12,6	4100	2	3	1446	1395	1493	480,0
RLI 1200 EC 14	120506	400V 3~N	50	7,0	3900	2	3	1446	1395	1493	490,0
RLI 1200 EC 15	120509	400V 3~N	50	7,0	3900	2	3	1446	1395	1493	490,0
RLI 1600 EC 14	120677	400V 3~N	50	7	3840	2	3	1846	1795	1493	700,0
RLI 1600 EC 15	120680	400V 3~N	50	7	3840	2	3	1846	1795	1493	700,0
RLI 2000 EC 14	120837	400V 3~N	50	8	4800	2	3	2246	2220	1756	
RLI 2000 EC 15	120836	400V 3~N	50	8	4800	2	3	2246	2220	1756	
RLE 700 EC 14	122597	400V 3~N	50	3,5	750	2	3	946	895	816	
RLE 700 EC 15	122586	400V 3~N	50	3,5	750	2	3	946	895	816	
RLE 900 FC 14	118828	400V 3~	50	8,0	2260	2	3	1146	1095	816	250,0
RLE 900 FC 15	118831	400V 3~	50	8,0	2260	2	3	1146	1095	816	250,0
RLE 1200 FC 14	119653	400V 3~	50	12,6	4100	2	3	1446	1395	816	285,0
RLE 1200 FC 15	119656	400V 3~	50	12,6	4100	2	3	1446	1395	816	285,0
RLE 1200 EC 14	120524	400V 3~N	50	7,0	3900	2	3	1446	1395	816	295,0
RLE 1200 EC 15	120527	400V 3~N	50	7,0	3900	2	3	1446	1395	816	295,5
RLE 1600 EC 14	120384	400V 3~N	50	7,0	3840	2	3	1846	1795	816	
RLE 1600 EC 15	120387	400V 3~N	50	7,0	3840	2	3	1846	1795	816	
RLE 2000 EC 14	120800	400V 3~N	50	8	4800	2	3	2246	2220	816	
RLE 2000 EC 15	120792	400V 3~N	50	8	4800	2	3	2246	2220	816	

- Heat recovery unit with heat recovery wheel
- Frameless casing, galvanised sheet metal 2 x 1 mm with 40 mm mineral wool insulation
- Integrated controls in the unit
- Large surface compact filter F5/F7
- Re-heat coil (LPHW)
- Cooling coil, DX coil (optional)
- Easy to clean smooth finish design and covered cable routing



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	EUR	EUR			
MWR.	**RLI 700 EC 14** **9900,-** ID 122618 400V 3~N/50Hz 40 °C 1910 m³/h 750 W 3,5 A Connection side right	**RLI 900 FC 14** **11600,-** ID 118752 400V 3~/50Hz 40 °C 4000 m³/h 2.260 W 8,0 A 71/74/53 db(A) Connection side right			
MWR.	**RLI 700 EC 15** **9900,-** ID 122606 400V 3~N/50Hz 40 °C 1910 m³/h 750 W 3,5 A Connection side left	**RLI 900 FC 15** **11600,-** ID 118755 400V 3~/50Hz 40 °C 4000 m³/h 2.260 W 8,0 A 71/74/53 db(A) Connection side left			
MWR.	**RLE 700 EC 14** **8200,-** ID 122597 400V 3~N/50Hz 40 °C 1910 m³/h 750 W 3,5 A Connection side right	**RLE 900 FC 14** **9600,-** ID 118828 400V 3~/50Hz 40 °C 4000 m³/h 2.260 W 8,0 A 71/74/53 db(A) Connection side right			
MWR.	**RLE 700 EC 15** **8200,-** ID 122586 400V 3~N/50Hz 40 °C 1910 m³/h 750 W 3,5 A Connection side left	**RLE 900 FC 15** **9600,-** ID 118831 400V 3~/50Hz 40 °C 4000 m³/h 2.260 W 8,0 A 71/74/53 db(A) Connection side left			

Specific Accessories
For details see page: 134

Specific Accessories
For details see page: 134

MYMKU.	**UKR 5025 02** **70,-** ID 119718	**UKR 6030 01** **68,-** ID 113591			
MYMRV.	**VM 250** **19,-** ID 102651	**VM 355** **24,-** ID 102653			
MYMRDS.	**SDS 250** **106,-** ID 102721	**SDS 355** **176,-** ID 102725			
MYMRDF.	**SDF 250** **110,-** ID 102705	**SDF 355** **144,-** ID 102707			
MYMEP.	**LFP 17 F5** **142,-** ID 119032	**LFP 25 F5** **180,-** ID 112169			
MYMEP.	**LFP 17 F7** **146,-** ID 119033	**LFP 25 F7** **190,-** ID 112170			
MYSLS.	**STK 02** **470,-** ID 112935	**STK 02** **470,-** ID 112935			
MYSLS.	**STK 03** **525,-** ID 112936	**STK 03** **525,-** ID 112936			
MYMWR.	**RD RLI 700** **470,-** ID 121628	**RD RLI 900** **480,-** ID 121552			
MYMWR.	**RD RLE 700** **350,-** ID 121627	**RD RLE 900** **360,-** ID 121551			
MYSC.	**COM 01** **240,-** ID 122872	**COM 01** **240,-** ID 122872			

Transition
Rectangular/round duct

Fast Clamps
1 Set = 2 pcs.

Duct Silencer
Rigid, 1 m

Duct Silencer
Flexibel, 1 m

Replacement Filter

Replacement Filter

Three way ball valve

Three way ball valve

Rain Cover

Rain Cover

Modbus

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RLI/RLE **ROTOLINE,** AHU with rotating heat wheel

Specific Accessories
For details see page: 134

Specific Accessories
For details see page: 134

	EUR	EUR	EUR	EUR	
	RLI 1200 FC 14 16100,- ID 119814 400V 3~/50Hz 40 °C 8240 m³/h 4.100 W 12,6 A 90/94/73 db(A) Connection side right	**RLI 1200 EC 14** 18100,- ID 120506 400V 3~N/50Hz 40 °C 7810 m³/h 3.900 W 7,0 A 87/70/73 db(A) Connection side right	**RLI 1600 EC 14** 21700,- ID 120677 400V 3~N/50Hz 40 °C 9380 m³/h 4.000 W 7,0 A 82/82/61 db(A) Connection side right	**RLI 2000 EC 14** 29000,- ID 120837 400V 3~N/50Hz 40 °C 12600 m³/h 4.800 W 8,0 A 88/-/- db(A) Connection side right	MWR.
	RLI 1200 FC 15 16100,- ID 119817 400V 3~/50Hz 40 °C 8240 m³/h 4.100 W 12,6 A 90/94/73 db(A) Connection side left	**RLI 1200 EC 15** 18100,- ID 120509 400V 3~N/50Hz 40 °C 7810 m³/h 3.900 W 7,0 A 87/70/73 db(A) Connection side left	**RLI 1600 EC 15** 21700,- ID 120680 400V 3~N/50Hz 40 °C 9380 m³/h 4.000 W 7,0 A 82/82/61 db(A) Connection side left	**RLI 2000 EC 15** 29000,- ID 120836 400V 3~N/50Hz 40 °C 12600 m³/h 4.800 W 8,0 A 88/-/- db(A) Connection side left	MWR.
	RLE 1200 FC 14 13500,- ID 119653 400V 3~/50Hz 40 °C 8240 m³/h 4.100 W 12,6 A 90/94/73 db(A) Connection side right	**RLE 1200 EC 14** 15500,- ID 120524 400V 3~N/50Hz 40 °C 7810 m³/h 3.900 W 7,0 A 87/70/81 db(A) Connection side right	**RLE 1600 EC 14** 19600,- ID 120384 400V 3~N/50Hz 40 °C 9380 m³/h 4.000 W 7,0 A 80/103/78 db(A) Connection side right	**RLE 2000 EC 14** 25600,- ID 120800 400V 3~N/50Hz 40 °C 12600 m³/h 4.800 W 8,0 A 88/-/83 db(A) Connection side right	MWR.
	RLE 1200 FC 15 13500,- ID 119656 400V 3~/50Hz 40 °C 8240 m³/h 4.100 W 12,6 A 90/94/73 db(A) Connection side left	**RLE 1200 EC 15** 15500,- ID 120527 400V 3~N/50Hz 40 °C 7810 m³/h 3.900 W 7,0 A 87/70/81 db(A) Connection side right	**RLE 1600 EC 15** 19600,- ID 120387 400V 3~N/50Hz 40 °C 9380 m³/h 4.000 W 7,0 A 80/103/78 db(A) Connection side left	**RLE 2000 EC 15** 25600,- ID 120792 400V 3~N/50Hz 40 °C 12600 m³/h 4.800 W 8,0 A 88/-/83 db(A) Connection side left	MWR.
Transition Rectangular/round duct	**UKR 8050 02** 110,- ID 118052	**UKR 8050 02** 110,- ID 118052			MYMKU.
Fast Clamps 1 Set = 2 pcs.	**VM 500** 32,- ID 118094	**VM 500** 32,- ID 118094	**VM 500** 32,- ID 118094	**VM 630** 45,- ID 119497	MYMRV.
Duct Silencer Rigid, 1 m	**SDS 500** 228,- ID 118834	**SDS 500** 228,- ID 118834			MYMRDS.
Replacement Filter	**LFP 15 F5** 100,- ID 108381 2 pcs. required	**LFP 15 F5** 100,- ID 108381 2 pcs. required	**LFP 27 F5** 200,- ID 120223 2 pcs. required	**LFP 26 F5** 245,- ID 122241 3 pcs. required	MYMEP.
Replacement Filter	**LFP 15 F7** 103,- ID 108674 2 pcs. required	**LFP 15 F7** 103,- ID 108674 2 pcs. required	**LFP 27 F7** 210,- ID 120224 2 pcs. required	**LFP 26 F7** 255,- ID 120090 3 pcs. required	MYMEP.
Three way ball valve	**STK 03** 525,- ID 112936	**STK 03** 525,- ID 112936	**STK 03** 525,- ID 112936	**STK 03** 525,- ID 112936	MYSLS.
Three way ball valve	**STK 04** 683,- ID 117602	**STK 04** 683,- ID 117602	**STK 04** 683,- ID 117602	**STK 04** 683,- ID 117602	MYSLS.
Rain Cover	**RD RLI 1200** 550,- ID 121754	**RD RLI 1200** 550,- ID 121754	**RD RLI 1600** 640,- ID 122214		MYMWR.
Rain Cover	**RD RLE 1200** 390,- ID 121745	**RD RLE 1200** 390,- ID 121745	**RD RLE 1600** 420,- ID 122211		MYMWR.
Modbus	**COM 01** 240,- ID 122872	**COM 01** 240,- ID 122872	**COM 01** 240,- ID 122872	**COM 01** 240,- ID 122872	MYSC.

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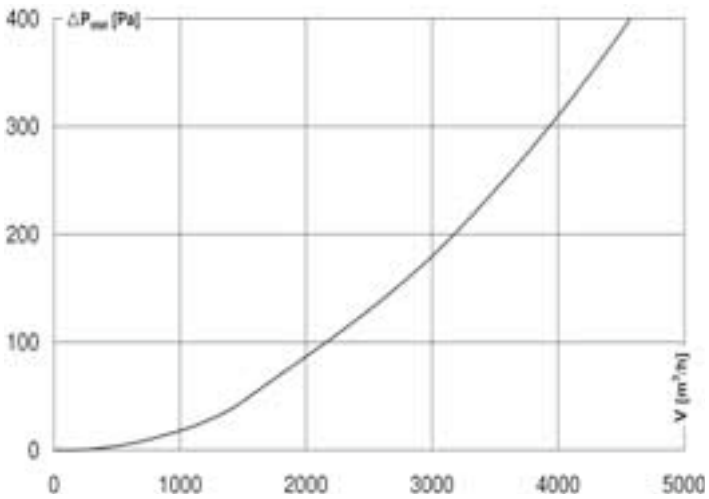
Versatile usage

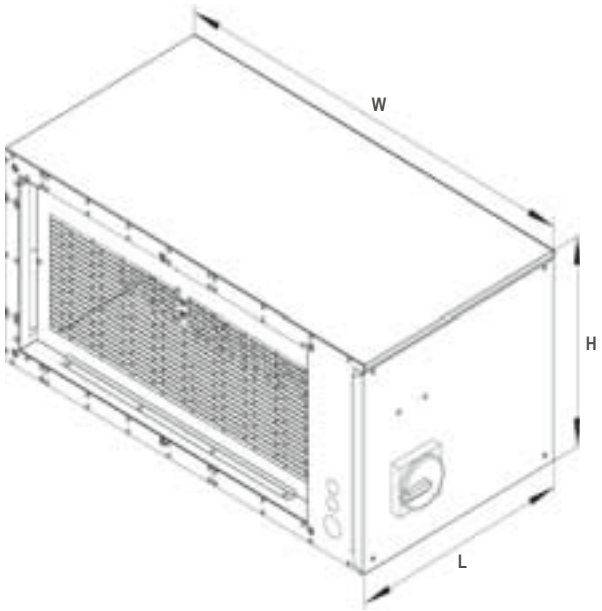
The electric heater battery can be combined with the units ROTOLINE and SLIGHTLINE with integrated controls.

Easy connection between Air handling unit and remote control. Automatic software detection. Autonomous temperature control.

- Electric heater battery
- Autonomous temperature control
- Flexible connection
- 3 Power stages 9 - 18 - 27kW
- Continuous control

Pressure drop diagram





Type	ID	U	f	$I_{max.}$	Q	W	L	H	Weight	EUR
		[V]	[Hz]	[A]	[W]	[mm]	[mm]	[mm]	[kg]	
EHM 5025 R09 01	121419	400V 3~N	50	14,0	9000	754	424	367	20,0	**1440,-**
EHM 5025 L09 01	121420	400V 3~N	50	14,0	9000	754	424	367	20,0	**1440,-**
EHM 5025 R18 01	121421	400V 3~N	50	27,0	18000	754	424	367	21,5	**1540,-**
EHM 5025 L18 01	121422	400V 3~N	50	27,0	18000	754	424	367	21,5	**1540,-**
EHM 6030 R09 01	121427	400V 3~N	50	14,0	9000	754	400	367	20,0	**1440,-**
EHM 6030 L09 01	121428	400V 3~N	50	14,0	9000	754	400	367	20,0	**1440,-**
EHM 6030 R18 01	121429	400V 3~N	50	27,0	18000	754	400	367	21,5	**1540,-**
EHM 6030 L18 01	121430	400V 3~N	50	27,0	18000	754	400	367	21,5	**1540,-**
EHM 6030 R27 01	121431	400V 3~N	50	40,0	27000	754	400	367	23,0	**1600,-**
EHM 6030 L27 01	121432	400V 3~N	50	40,0	27000	754	400	367	23,0	**1600,-**

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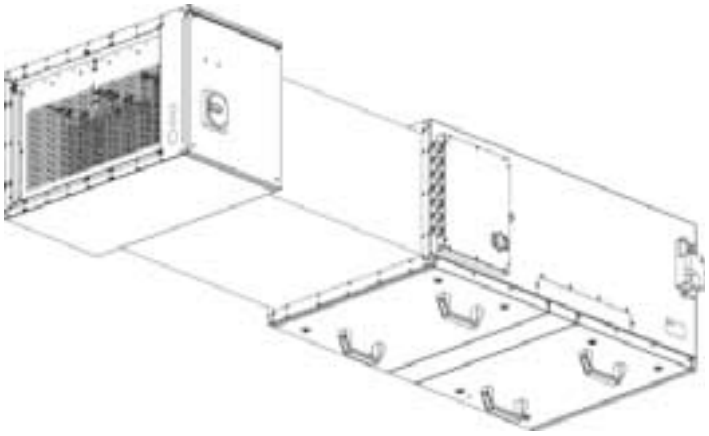
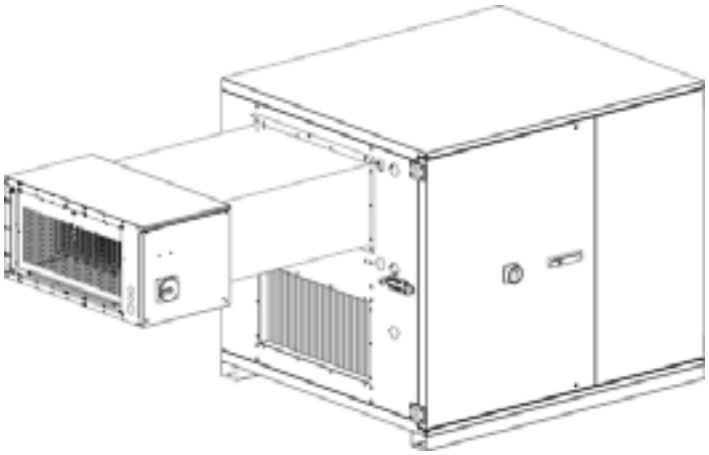
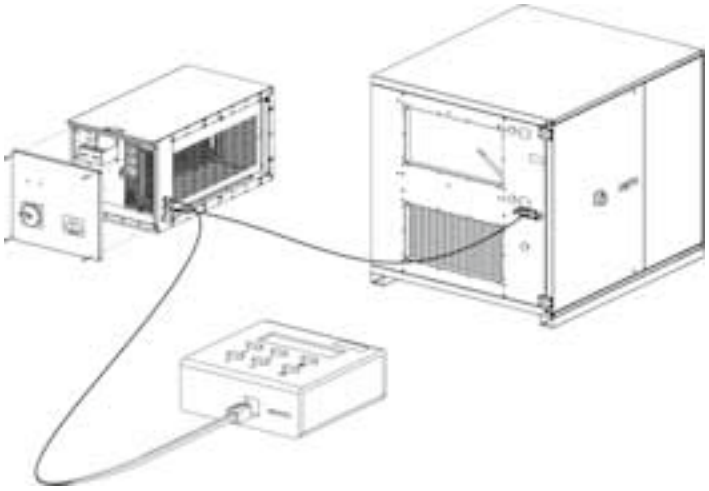


Connection to SLIGHTLINE



Connection to ROTOLINE



Simple connections

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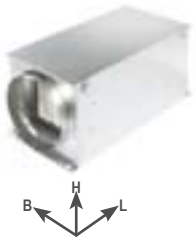

- Filter Box with Bag Filter F5
- Galvanized sheet steel housing
- Toggle-type fastener
- Integrated heating coil

Type	ID	EUR		t_{Le}	t_{La}	t_{We}	t_{Wa}	P	WxHxL [mm]
FTW 100	112849	365,-		-15	37,5	70	50	4,1	306 x 308 x 648
FTW 125	112850	365,-		-15	37,5	70	50	4,1	306 x 308 x 648
FTW 150	112851	365,-		-15	31,5	70	50	5,3	306 x 308 x 648
FTW 160	112852	365,-		-15	27,2	70	50	6,5	306 x 308 x 648
FTW 200	112853	365,-		-15	21,2	70	50	8,3	306 x 308 x 648
FTW 250	112854	398,-		-15	31,1	70	50	17	306 x 308 x 648
FTW 315	112855	598,-		-15	25,9	70	50	22	506 x 508 x 648
FTW 355	112856	598,-		-15	22,2	70	50	26	506 x 508 x 648
FTW 400	112857	598,-		-15	20,7	70	50	27	506 x 508 x 648

MYMRHH.

- Filter Box for Bag Filter
- Galvanized sheet steel housing
- Toggle-type fastener
- Without filter

Type	ID	EUR			WxHxL [mm]
FT 100	112844	80,-			306 x 308 x 498
FT 125	112843	80,-			306 x 308 x 498
FT 150	112842	80,-			306 x 308 x 498
FT 160	112841	80,-			306 x 308 x 498
FT 200	112840	80,-			306 x 308 x 498
FT 250	112845	80,-			306 x 308 x 498
FT 315	112846	118,-			506 x 508 x 498
FT 355	112847	118,-			506 x 508 x 498
FT 400	112848	118,-			506 x 508 x 498

MYMRHO.

- Bag Filter
- 1 Pc
- For FT Filter Box

Type	ID	EUR	For models:	Filtration class	t_U [°C]	WxHxL [mm]
LFT 05 F5	102939	31,-	FTW/FT 100 - 250	F5	80	287 x 287 x 360
LFT 05 F7	102945	42,-	FTW/FT 100 - 250	F7	80	287 x 287 x 360
LFT 30 F5	102941	79,-	FTW/FT 315 - 400	F5	80	487 x 487 x 360
LFT 30 F7	102947	105,-	FTW/FT 315 - 400	F7	80	487 x 487 x 360

MYMET.

Legend

t_{Le} = Air in temp [°C]
t_{La} = Air out temperature [°C]
t_{We} = Water in temp [°C]
t_{Wa} = Water out temp [°C]
P = Capacity heating coil [kW]
t_U = Max. ambient temperature [°C]
ID = Part ID

MYMRHL.

Type	ID	EUR			WxHxL [mm]
FV 100	112678	35,-			206 x 207 x 198
FV 125	112679	35,-			206 x 207 x 198
FV 150	112680	35,-			206 x 207 x 198
FV 160	112831	35,-			206 x 207 x 198
FV 200	112832	49,-			306 x 307 x 198
FV 250	112833	49,-			306 x 307 x 198
FV 315	112834	78,-			506 x 507 x 198
FV 355	112835	78,-			506 x 507 x 198
FV 400	112836	78,-			506 x 507 x 198

- Filter Box with Mat Filter G3
- Galvanized sheet steel housing
- Toggle-type fastener

MYMEV.

Type	ID	EUR	For models:	Filtration class	t_U [°C]	WxHxL [mm]
LFV 11 G3	112683	20,-	FV 100 - 160	G3	80	201 x 239
LFV 16 G3	112684	24,-	FV 200 - 250	G3	80	301 x 326
LFV 21 G3	112685	37,-	FV 315 - 400	G3	80	501 x 514

- Fiber mat filter with wire frame
- 1 Pack = 5 pcs.
- For FV Filter Box

MYMEZ.

Type	ID	EUR	For models:	Filtration class	t_U [°C]	WxHxL [mm]
LFZ 05 G4	107407	23,-	FFH 125 - 200	G4	80	277 x 334 x 48
LFZ 05 F5	115268	30,-	FFH 125 - 200	F5	80	277 x 334 x 48
LFZ 05 F7	115269	36,-	FFH 125 - 200	F7	80	277 x 334 x 48
LFZ 25 G4	107408	26,-	FFH 250 - 315	G4	80	337 x 394 x 48
LFZ 25 F5	115270	33,-	FFH 250 - 315	F5	80	337 x 394 x 48
LFZ 25 F7	115271	40,-	FFH 250 - 315	F7	80	337 x 394 x 48

- Z-Line-Filter
- 1 Pc
- For FFH Supply Air Unit

Legend

t_U = Max. ambient temperature [°C]
ID = Part ID

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Accessories Mechanical

- Panel-Filter
- 1 Pc
- For Ventilation Units

Type	ID	EUR	For models:	Filtration class	t_U [°C]	WxHxL [mm]
LFP 08 F5	123521	55,-	ETA	F5	80	430 x 270 x 48
LFP 08 F7	123522	58,-	ETA	F7	80	430 x 270 x 48
LFP 10 F5	108377	45,-	ETA	F5	80	592 x 287 x 48
LFP 10 F7	123524	48,-	ETA	F7	80	592 x 287 x 48
LFP 11 F5	108378	63,-	SL 6130	F5	80	592 x 287 x 96
LFP 11 F7	108673	66,-	SL 6130	F7	80	592 x 287 x 96
LFP 11 F9	110638	72,-	SL 6130	F9	80	592 x 287 x 96
LFP 15 F5	108381	100,-	RLI/E 1200 2 pcs. required	F5	80	592 x 592 x 96
LFP 15 F7	108674	103,-	RLI/E 1200 2 pcs. required	F7	80	592 x 592 x 96
LFP 15 F9	109875	110,-	RLI/E 1200 2 pcs. required	F9	80	592 x 592 x 96
LFP 17 F5	119032	142,-	RLI/E 700	F5	80	826 x 340 x 96
LFP 17 F7	119033	146,-	RLI/E 700	F7	80	826 x 340 x 96
LFP 20 F5	108380	106,-	SL 9130	F5	80	892 x 287 x 96
LFP 20 F7	108379	108,-	SL 9130	F7	80	892 x 287 x 96
LFP 20 F9	110377	115,-	SL 9130	F9	80	892 x 287 x 96
LFP 22 F5	115506	132,-	SL 9140	F5	80	892 x 387 x 96
LFP 22 F7	115507	136,-	SL 9140	F7	80	892 x 387 x 96
LFP 22 F9	119232	179,-	SL 9140	F9	80	892 x 387 x 96
LFP 23 F5	119521	224,-	SL 12140	F5	80	1192 x 387 x 96
LFP 23 F7	122105	228,-	SL 12140	F7	80	1192 x 387 x 96
LFP 23 F9	122104	238,-	SL 12140	F9	80	1192 x 387 x 96
LFP 25 F5	112169	180,-	RLI/E 900	F5	80	956 x 440 x 96
LFP 25 F7	112170	190,-	RLI/E 900	F7	80	956 x 440 x 96
LFP 26 F5	122241	245,-	RLI/E 2000 3 pcs. required	F5	80	990 x 690 x 96
LFP 26 F7	120090	255,-	RLI/E 2000 3 pcs. required	F7	80	990 x 690 x 96
LFP 27 F5	120223	200,-	RLI/E 1600 2 pcs. required	F5	80	863 x 792 x 96
LFP 27 F7	120224	210,-	RLI/E 1600 2 pcs. required	F7	80	863 x 792 x 96
LFP 28 F5	124367	138,-	ETA 1200 F	F5	80	680 x 346 x 96
LFP 28 F7	124368	142,-	ETA 1200 F	F7	80	680 x 346 x 96
LFP 29 F5	124525	144,-	ETA 2400 F	F5	80	892 x 346 x 96
LFP 29 F7	124526	148,-	ETA 2400 F	F7	80	892 x 346 x 96
LFP 30 F5	124542	138,-	ETA 1200 V, ETA 1200 H	F5	80	692 x 387 x 96
LFP 30 F7	124543	142,-	ETA 1200 V, ETA 1200 H	F7	80	692 x 387 x 96
LFP 31 F5	125024	152,-	ETA 2400 V	F5	80	892 x 505 x 96
LFP 31 F7	125025	158,-	ETA 2400 V	F7	80	892 x 505 x 96
LFP 33 F5	125557	60,-	ETA 600 H	F5	80	592 x 287 x 48
LFP 33 F7	125556	63,-	ETA 600 H	F7	80	592 x 287 x 48

MYMEP

Legend

t_U = Max. ambient temperature [°C]
ID = Part ID

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MYMRR.

Type	ID	EUR		$\dot{V}$	Δp_V	Ø [mm]
RSK 100	102658	16,-		140	48	100
RSK 125	102179	16,-		220	22	125
RSK 150	102660	18,-		320	26	150
RSK 160	102661	18,-		360	22	160
RSK 200	102662	21,-		560	31	200
RSK 250	102686	29,-		880	16	250
RSK 315	102664	36,-		1400	15	315
RSK 355	102665	74,-		1780	24	355
RSK 400	102691	84,-		2260	10	400

- Back Draught Shutter for duct installation
- Galvanized sheet steel housing
- Aluminium flaps

MYMRR.

Type	ID	EUR		$\dot{V}$	Δp_V	Ø [mm]
RSK 100D	116061	18,-		140	48	100
RSK 125D	113483	18,-		220	22	125
RSK 150D	113484	20,-		320	26	150
RSK 160D	113485	20,-		360	22	160
RSK 200D	113487	23,-		560	31	200
RSK 250D	113488	31,-		880	16	250
RSK 315D	113489	38,-		1400	15	315
RSK 355D	113491	76,-		1780	24	355
RSK 400D	113490	86,-		2260	10	400

- Back Draught Shutter for duct installation
- Galvanized sheet steel housing
- Aluminium flaps
- With rubber sealing

MYMRV.

Type	ID	EUR			Ø [mm]
VM 100	102643	12,-			100
VM 125	102647	12,-			125
VM 150	102648	13,-			150
VM 160	102649	14,-			160
VM 200	102650	16,-			200
VM 250	102651	19,-			250
VM 280	115494	20,-			280
VM 315	102652	21,-			315
VM 355	102653	24,-			355
VM 400	102654	25,-			400
VM 450	119495	30,-			450
VM 500	118094	32,-			500
VM 560	119496	38,-			560
VM 630	119497	45,-			630
VM 710	119498	54,-			710

- Fast clamps for noise reduction and sealing
- Sheet steel, galvanized
- 5 mm neoprene seal
- 1 Set = 2 pcs.

Legend

$\dot{V}$ = Air volume in ducting at 5 m/s [m³/h]
Δp_V = Stat. Pressure loss [Pa]
ID = Part ID

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- Duct Silencer, rigid
- Sound insulation material 50 mm
- Sheet steel, galvanized

Type	ID	EUR		L [mm] Without Connection Piece	Ø [mm]
SDS 100	102709	56,-		1000	100
SDS 125	102712	61,-		1000	125
SDS 150	102714	68,-		1000	150
SDS 160	102717	74,-		1000	160
SDS 200	102719	88,-		1000	200
SDS 250	102721	106,-		1000	250
SDS 280	115243	110,-		1000	280
SDS 315	102723	124,-		1000	315
SDS 355	102725	176,-		1000	355
SDS 400	102727	206,-		1000	400
SDS 450	124179	216,-		1000	450
SDS 500	118834	228,-		1000	500

MYMRDS.

- Duct Silencer, flexible
- Aluminum housing
- Sound insulation material 50 mm

Type	ID	EUR		L [mm] Without Connection Piece	Ø [mm]
SDF 100	102699	58,-		1000	100
SDF 125	102700	66,-		1000	125
SDF 150	102702	75,-		1000	150
SDF 160	102703	76,-		1000	160
SDF 200	102704	93,-		1000	200
SDF 250	102705	110,-		1000	250
SDF 315	102706	130,-		1000	315
SDF 355	102707	144,-		1000	355
SDF 400	102708	157,-		1000	400

MYMRDF.

- Transition
- Sheet steel, galvanized

Type	ID	EUR	Duct Dimensions [mm]	Ø [mm]	WxHxL [mm]
UKR 5025 02	119718	70,-	500 x 250	250	305 x 290 x 540
UKR 6030 01	113591	68,-	600 x 300	355	340 x 300 x 650
UKR 6030 02	114370	68,-	600 x 300	315	640 x 320 x 740
UKR 8050 01	114494	134,-	800 x 500	355	540 x 295 x 840
UKR 8050 02	118052	110,-	800 x 500	500	540 x 295 x 840

MYMKU.

Scope of supply: 4 allen screw M8 x 16mm , 4 serrated lock washer for nominal size M8

- Adapter Plate
- Sheet steel, galvanized

Type	ID	EUR	Duct Dimensions [mm]	Ø [mm]	WxHxL [mm]
UKR 5025 01	114638	18,-	500 x 250	250	288 x 40 x 538
UKR 5030 01	114639	20,-	500 x 300	250	338 x 40 x 538
UKR 5030 02	115193	20,-	500 x 300	280	338 x 40 x 538
UKR 6030 03	114640	22,-	600 x 300	315	338 x 40 x 638
UKR 6035 01	114641	24,-	600 x 350	355	388 x 40 x 638

MYMKU.

Scope of supply: 4 allen screw M8 x 16mm , 4 serrated lock washer for nominal size M8

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	Type	ID	EUR	For models:		Ø [mm]
MYMRS.	SG 200 02	118634	6,-	EL 200		200
	SG 250 02	112677	9,-	EL 250		250
	SG 280 02	115066	10,-	EL 280		280
	SG 315 02	112675	13,-	EL 315		315
	SG 355 02	112674	16,-	EL 355		355
	SG 400 02	123949	27,-	EL 400		400
	SG 450 02	119411	36,-	EL 450		450
	SG 500 02	119191	44,-	EL 500		500
	SG 560 02	119412	50,-	EL 560		560
	SG 630 02	119413	60,-	EL 630		630
	SG 710 02	119414	79,-	EL 710		710

- Inlet Proctection grille for Etaline
- Sheet steel, galvanized

	Type	ID	EUR	For models:		Ø [mm]
MYMRS.	SG 100 01	102894	8,-		RS/RK 100	100
	SG 125 01	102895	8,-	EL 125	RS/RK 125	125
	SG 150 01	102896	10,-	EL 150	RS/RK 150	150
	SG 160 01	102897	10,-	EL 160	RS/RK 160	160
	SG 200 01	102898	12,-	EL 200	RS/RK 200	200
	SG 250 01	102899	16,-	EL 250	RS/RK 250	250
	SG 315 01	102900	20,-	EL 315	RS/RK 315	315

- Protection grille for round duct connection
- Wire, galvanized

	Type	ID	EUR	For models:		WxHxL [mm]
MYMRK.	MRK 1	109888	7,-	RK 100 - 125L		42 x 20 x 245
	MRK 2	109889	10,-	RK 150 - 250L		42 x 20 x 340

- Mounting Bracket for RK tube fans
- Sheet steel, galvanized

	Type	ID	EUR	For models:		WxHxL [mm]
MYMRK.	MRS 1	110094	7,-	RS 100 - 150, 160		58 x 35 x 245
	MRS 2	110095	10,-	RS 150L, 160L - 315L		58 x 35 x 340

- Mounting Bracket for RS tube fans
- Sheet steel, galvanized

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- Flexible Duct Collar
- Standard profile flange
- Sheet steel, galvanized
- Plastic band (PVC)
- Temperatur stability to 70 °C

Type	ID	EUR	Duct Dimensions [mm]	L [mm] Flexible	WxH [mm]
VS 3015	102801	51,-	300 x 150	55 - 130	148 x 298
VS 4020	102802	61,-	400 x 200	55 - 130	198 x 398
VS 5025	102804	65,-	500 x 250	55 - 130	248 x 498
VS 5030	102805	70,-	500 x 300	55 - 130	298 x 498
VS 6030	102806	74,-	600 x 300	55 - 130	298 x 598
VS 6035	102808	72,-	600 x 350	55 - 130	348 x 598
VS 7040	103951	80,-	700 x 400	55 - 130	398 x 698
VS 8050	103953	91,-	800 x 500	55 - 130	498 x 798
VS 10050	103956	96,-	1000 x 500	55 - 130	498 x 998

MYMKF.

- Automatic plastic shutter
- Resistance to weathering
- Temperatur stability to 70 °C

Type	ID	EUR	Duct Dimensions [mm]		WxHxL [mm]
VKK 3015	103897	97,-	300 x 150		148 x 40 x 298
VKK 4020	103896	92,-	400 x 200		198 x 40 x 398
VKK 5025	103894	97,-	500 x 250		248 x 40 x 498
VKK 5030	103893	102,-	500 x 300		298 x 40 x 498
VKK 6030	103895	120,-	600 x 300		298 x 40 x 598
VKK 6035	103892	142,-	600 x 350		348 x 40 x 598
VKK 7040	103944	184,-	700 x 400		398 x 40 x 698
VKK 8050	103945	240,-	800 x 500		498 x 40 x 798
VKK 10050	103946	362,-	1000 x 500		498 x 40 x 998

MYMKV.

- Sound diffuser
- Galvanized steel
- 30 mm mineral wool insulation
- 1 Set = 2 pcs.

Type	ID	EUR	For models:	Duct connection	WxHxL [mm]
SDK 0130	115830	160,-	SL . . . G, 1 Set = 2 pcs.	600 x 300 / 900 x 300	234 x 281 x 475

MYMZD.

- Inlet flange
- Sheet steel, galvanized

Type	ID	EUR	For models:			Screw-hole Circle / Inner Ø / L [mm]
DAF 180	110744	12,-	DVA/P 220, 250		DHA/P 190 - 250	213 / 179 / 40
DAF 250	110585	19,-	DVA/P 280, 315	DVN/I 280, 315	DHA/P 280, 315	286 / 249 / 40
DAF 400	109826	31,-	DVA/P 355 - 500	DVN/I 355 - 500	DHA/P 355 - 500	438 / 399 / 40
DAF 560	122288	45,-	DVA/P 560, 630	DVN/I 560, 630	DHA/P 560, 630	605 / 572 / 30
DAF 710	123823	75,-		DVN/I 710		674 / 638 / 30

MYMDA.

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MYMDN.

Type	ID	EUR	For models:			Screw-hole Circle / Inner Ø / L Flexible [mm]
DAS 180	110745	62,-	DVA/P 220, 250		DHA/P 190 - 250	217 / 183 / 95 - 155
DAS 250	109413	85,-	DVA/P 280, 315	DVN/I 280, 315	DHA /P 280, 315	286 / 252 / 95 - 155
DAS 400	109827	94,-	DVA/P 355 - 500	DVN/I 355 - 500	DHA/P 355 - 500	438 / 402 / 95 - 155
DAS 560	122287	108,-	DVA/P 560, 630	DVN/I 560, 630	DHA/P 560, 630	605 / 569 / 95 - 155
DAS 710	123822	172,-		DVN/I 710		674 / 639 / 95 - 155

- Flexible connection
- Temperature stability to 75 °C
- Sheet steel, galvanized
- Plastic band (PES)

MYMDV.

Type	ID	EUR	For models:			Screw-hole Circle / Inner Ø / L [mm]
DVK 180	104800	48,-	DVA/P 220, 250		DHA/P 190 - 250	217 / 183 / 115
DVK 250	109233	71,-	DVA/P 280, 315	DVN/I 280, 315	DHA/P 280, 315	286 / 255 / 156
DVK 400	109213	77,-	DVA/P 355 - 500	DVN/I 355 - 500	DHA/P 355 - 500	438 / 406 / 220
DVK 560	122289	152,-	DVA/P 560, 630	DVN/I 560, 630	DHA/P 560, 630	605 / 573 / 255
DVK 710	123824	215,-		DVN/I 710		674 / 639 / 250

- Automatic shutter
- Sheet steel, galvanized

MYMDF.

Type	ID	EUR	For models:			WxHxL [mm]
DSF 220	109552	128,-	DVA/P 220, 250		DHA/P 190 - 250	571 x 300 x 571
DSF 280	109593	164,-	DVA/P 280, 315	DVN/I 280, 315	DHA/P 280, 315	657 x 300 x 657
DSF 355	109619	212,-	DVA/P 355, 400	DVN/I 355, 400	DHA/P 355, 400	817 x 300 x 817
DSF 450	109784	224,-	DVA/P 450, 500	DVN/I 450, 500	DHA/P 450, 500	877 x 300 x 877
DSF 560	122314	380,-		DVN/I 560, 630	DHA/P 560, 630	1152 x 300 x 1152
DSF 710	123161	550,-		DVN/I 710		1150 x 300 x 1150

- Aluminum flat roof socket
- 30 mm sound and heat insulation

MYMDS.

Type	ID	EUR	For models:			WxHxL [mm]
DSS 220	111323	232,-	DVA/P 220, 250		DHA/P 190 - 250	571 x 600 x 571
DSS 280	111352	266,-	DVA/P 280, 315	DVN/I 280, 315	DHA/P 280, 315	657 x 600 x 657
DSS 355	111353	380,-	DVA/P 355, 400	DVN/I 355, 400	DHA/P 355, 400	817 x 600 x 817
DSS 450	111354	420,-	DVA/P 450, 500	DVN/I 450, 500	DHA/P 450, 500	877 x 600 x 877
DSS 560	122313	590,-	DVA/P 560, 630	DVN/I 560, 630	DHA/P 560, 630	1152 x 600 x 1152
DSS 710	123162	1190,-		DVN/I 710		1150 x 1165 x 1150

- Socket Silencer
- Sound-heat insulated
- Mineralwool insulation

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Accessories Mechanical

Type	ID	EUR	For models:		WxHxL [mm]
WK MPS 01	107194	**74,-**	MPS/F 200 - 355		450 x 42 x 650
WK MPS 05	107195	**78,-**	MPS/F 400		450 x 42 x 780

MYMPK.

- **Wall bracket**
- **Sheet steel, galvanized**
- **1 Set = 2 pcs.**

Type	ID	EUR	For models:		WxHxL [mm]
WSH MPS	103661	**34,-**	MPS/F 200 - 400		262 x 128 x 321

MYMPW.

Scope of supply: 1 Weather protection hood, 4 Tallow-drop srews, 3,9 x 13 mm

- **Weather protection hood**
- **For motor**
- **Sheet steel, galvanized**

Type	ID	EUR	For models:		WxHxL [mm]
MB MPC 01	116411	**35,-**	MPC 280, 315		415 x 38 x 415
MB MPC 02	116410	**43,-**	MPC 400, 450, 500		616 x 39 x 618
MB MPC 03	122305	**62,-**	MPC 560		816 x 39 x 818

MYMPM.

- **Cover plate for motor**
- **Senzimir galvanized sheet metal**

Type	ID	EUR	For models:		WxHxL [mm]
GR MPC 01	123430	**86,-**	MPC/MPC...TW 280, 315		500 x 100 x 500
GR MPC 02	123432	**104,-**	MPC/MPC...TW 400, 450, 500		700 x 100 x 700
GR MPC 03	123434	**120,-**	MPC/MPC...TW 560, 630		900 x 100 x 900

MYMPK.

- **Base frame**
- **Sheet steel, galvanized**

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	Type	ID	EUR	For models:	WxHxL [mm]
MYMPW.	WSH MPC 01	123431	72,-	MPC/MPC...TW 280, 315	380 x 202 x 394
	WSH MPC 02	123433	98,-	MPC/MPC...TW 400, 450, 500	571 x 201 x 394
	WSH MPC 03	123435	129,-	MPC/MPC...TW 560, 630	769 x 222 x 786

- Weather protection hood
- Sheet steel, galvanized

	Type	ID	EUR	For models:	WxHxL [mm]
MYMPR.	RD MPC 01	122538	113,-	MPC/MPC...TW 280, 315	700 x 52 x 700
	RD MPC 02	122544	143,-	MPC/MPC...TW 400, 450, 500	900 x 60 x 900
	RD MPC 03	122551	163,-	MPC/MPC...TW 560, 630	1100 x 72 x 1100

- Rain Cover
- Sheet steel, galvanized
- Incl. roof girder

	Type	ID	EUR	For models:	WxHxL [mm]
MYMWR.	RD FG 6030 01	110292	320,-	FG 6030...10	830 x 52 x 1780
	RD FG 6030 02	110302	350,-	FG 6030...11	830 x 52 x 2160
	RD FG 9030 01	110305	380,-	FG 9030...10	1130 x 63 x 1780
	RD FG 9030 02	110306	390,-	FG 9030...11	1130 x 63 x 2160

- Rain Cover
- Sheet steel, galvanized
- Incl. roof girder

	Type	ID	EUR	For models:	WxHxL [mm]
MYMWR.	RD RLE 700	121627	350,-	RLE 700	975 x 73 x 1115
	RD RLE 900	121551	360,-	RLE 900	975 x 89 x 1315
	RD RLE 1200	121745	390,-	RLE 1200	975 x 88 x 1616
	RD RLE 1600	122211	420,-	RLE 1600	975 x 88 x 2016
	RD RLE 2000		Price available on request	RLE 2000	
	RD RLI 700	121628	470,-	RLI 700	1355 x 73 x 1115
	RD RLI 900	121552	480,-	RLI 900	1475 x 89 x 1315
	RD RLI 1200	121754	550,-	RLI 1200	1610 x 88 x 1615
	RD RLI 1600	122214	640,-	RLI 1600	1610 x 88 x 2015
	RD RLI 2000		Price available on request	RLI 2000	

- Rain Cover
- Sheet steel, galvanized
- Incl. roof girder

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Type	ID	EUR	For models:	WxHxL [mm]
RD ETA 600	124127	285,-	ETA 600 H	830 x 72 x 1160
RD ETA 1200	125616	320,-	ETA 1200 H	950 x 72 x 1590

MYMWR.

- Rain Cover
- Sheet steel, galvanized
- Incl. roof girder
- Incl. weather protection grille for isolator switch

KWR 250 01
Left

KWR 250 02
Right

Type	ID	EUR	For models:	WxHxL [mm]
KWR 250 01	124065	675,-	ETA 600 F, ETA 600 V, ETA 600 H	479 x 352 x 653
KWR 250 02	124066	675,-	ETA 600 F, ETA 600 V, ETA 600 H	479 x 352 x 653

MYMWT.

- Cooling Coil (LPCW)
- Sheet steel, galvanized
- Condensate sump
- For ceiling and wall mounting

SYS 01

SYS 02

Type	ID	EUR	For models:	Connection
SYS 01	123971	174,-	ETA 600 V, H, 1200 H, 2400 H	DN 40
SYS 02	125204	134,-	ETA 600 F,1200 F, V, 2400 F,V	DN 40

MYMWK.

- Ball siphon
- With levelling feet
- For floor installation

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Accessories Electrical

Plastic housing

Metal housing

- 5-Step Transformer
- 230 V ~, 50 Hz
- With motor protection (except TEE)
- Surface mounting
- Max. ambient temp 35 °C
- IP 54

Type	ID	EUR	$I_{max.}$ [A]	U_A [V]	Casing		
TEE 015	115893	**143,-**	1,5	80/110/140/170/230	Plastic	230 V ~, 50 Hz	MYSS.
TEM 035	103502	**210,-**	3,5	110/140/170/200/230	Plastic	230 V ~, 50 Hz	MYSM.
TEM 050	103519	**225,-**	5,0	110/140/170/200/230	Plastic	230 V ~, 50 Hz	
TEM 075	103507	**265,-**	7,5	110/140/170/200/230	Plastic	230 V ~, 50 Hz	
TEM 100	103511	**420,-**	10,0	110/140/170/200/230	Metal	230 V ~, 50 Hz	
TEM 130	103950	**455,-**	13,0	110/140/170/200/230	Metal	230 V ~, 50 Hz	
TEM 035G	111580	**310,-**	3,5	110/140/170/200/230	Plastic	230 V ~, 50 Hz	MYSG.
TEM 050G	109966	**305,-**	5,0	110/140/170/200/230	Plastic	230 V ~, 50 Hz	
TEM 075G	109988	**390,-**	7,5	110/140/170/200/230	Metal	230 V ~, 50 Hz	
TEM 100G	109069	**560,-**	10,0	110/140/170/200/230	Metal	230 V ~, 50 Hz	
TEM 130G	111581	**575,-**	13,0	110/140/170/200/230	Metal	230 V ~, 50 Hz	
TEM 035S	111582	**245,-**	3,5	110/140/170/200/230	Plastic	230 V ~, 50 Hz	MYSA.
TEM 050S	111583	**285,-**	5,0	110/140/170/200/230	Plastic	230 V ~, 50 Hz	
TEM 075S	109729	**310,-**	7,5	110/140/170/200/230	Metal	230 V ~, 50 Hz	
TEM 100S	110763	**470,-**	10,0	110/140/170/200/230	Metal	230 V ~, 50 Hz	
TEM 130S	111584	**530,-**	13,0	110/140/170/200/230	Metal	230 V ~, 50 Hz	

TEM . . . G With contact for gas solenoid valve
TEM . . . S With contact for damper motor

- Electronic Controller
- Variable
- 230 V ~, 50 Hz
- Surface and flush mounting
- Max. ambient temp 35 °C
- IP 44

Type	ID	EUR	$I_{max.}$ [A]			
MTY 1	103428	**79,-**	1,0			MYSE.
MTY 2	103424	**92,-**	2,0			
ETY 15	115891	**67,-**	1,5			MYSE.
ETY 25	115892	**77,-**	2,5			

MTY . . . With VDE
ETY . . . Without VDE

- Potentiometer
- 230 V ~, 50 Hz
- Resistance 10 kΩ
- Surface and flush mounting
- Max. ambient temp 35 °C
- VDE
- IP 44

Type	ID	EUR	Switching Contact			
MTP 10	120175	**64,-**	4 A / 250 Vac - 10A / 12 Vdc			MYSE.

Legend

Vac = AC Voltage
Vdc = DC Voltage
Imax. = Max. Operating Current [A]
U_A = Output voltage [V]
ID = Part ID

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	Type	ID	EUR		$I_{max.}$ [A]	U_A [V]
MYSM.	TDM 025	107628	360,-		2,50	130/180/230/300/400
	TDM 040	111556	430,-		4,00	130/180/230/300/400
	TDM 060	111557	560,-		6,00	130/180/230/300/400
	TDM 080	111558	695,-		8,00	130/180/230/300/400
	TDM 110	111559	950,-		11,00	130/180/230/300/400
MYSG.	TDM 025G	111569	495,-		2,50	130/180/230/300/400
	TDM 040G	111570	570,-		4,00	130/180/230/300/400
	TDM 060G	111571	690,-		6,00	130/180/230/300/400
	TDM 080G	111572	790,-		8,00	130/180/230/300/400
	TDM 110G	111573	1140,-		11,00	130/180/230/300/400
MYSA.	TDM 025S	111575	370,-		2,50	130/180/230/300/400
	TDM 040S	111576	450,-		4,00	130/180/230/300/400
	TDM 060S	111577	619,-		6,00	130/180/230/300/400
	TDM 080S	111578	780,-		8,00	130/180/230/300/400
	TDM 110S	111579	1040,-		11,00	130/180/230/300/400

TDM . . . G With contact for gas solenoid valve
TDM . . . S With contact for damper motor

- Metal housing
- 5-Step Transformer
- 400 V 3~, 50/60 Hz
- With motor protection
- Max. ambient temp 35 °C
- IP 54

	Type	ID	EUR		$I_{max.}$ [A]	U_A [V]
MYSO.	TES 0145	111858	48,-		1,45	80/100/125/150/175/190/230
	TES 035	103954	80,-		3,5	80/100/125/150/175/190/230
	TES 050	103955	98,-		5,0	80/100/125/150/175/190/230
	TES 075	103957	146,-		7,5	80/100/125/150/175/190/230
	TES 100	103958	140,-		10,0	80/100/125/150/175/190/230
	TES 130	103959	162,-		13,0	80/100/125/150/175/190/230

- 7-Step Transformer
- 230 V ~, 50 Hz
- Without motor protection
- For switch cabinet
- Max. ambient temp 35 °C
- IP 20

	Type	ID	EUR		$I_{max.}$ [A]	U_A [V]
MYSO.	TDS 025	113663	155,-		2,50	130/170/220/260/300/400
	TDS 040	113666	196,-		4,00	130/170/220/260/300/400
	TDS 060	113667	262,-		6,00	130/170/220/260/300/400
	TDS 080	113668	350,-		8,00	130/170/220/260/300/400
	TDS 110	113670	390,-		11,00	130/170/220/260/300/400

- 7-Step Transformer
- 400 V 3~, 50/60 Hz
- Without motor protection, for V-connection (Switch Cabinet)
- Max. ambient temp 35 °C
- IP 20

Legend

$I_{max.}$ = Max. Operating Current [A]
U_A = Output voltage [V]
ID = Part ID

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Similar to image

- Frequency Converter
- Power supply 230 V 50/60 Hz
- Variable speed control
- Output voltage 0 - 230 V 3~
- Motor-/converter protection
- Integrated interference filter/class A
- Integrated modbus interface
- Easy start-up
- Temperature range -10 °C ... +40 °C
- IP 55

Type	ID	EUR		P_{1N}	I_A	P_V	Protection Class	t_U [°C]	
FU 075 01	113988	1050,-		750	4,8	60	IP 55	-10/+40	MYSF.
FU 15 01	113989	1500,-		1500	8	90	IP 55	-10/+40	
FU 22 01	117547	1605,-		2200	11	123	IP 55	-10/+40	

Similar to image

- Frequency Converter
- Power supply 230 V 50/60 Hz
- Variable speed control
- Output voltage 0 - 230V 3~
- Motor-/converter protection
- Integrated interference filter/class A
- Integrated modbus interface
- Easy start-up
- For switch cabinet
- Temperature range -10 °C ... +40 °C
- IP 20

Type	ID	EUR		P_{1N}	I_A	P_V	Protection Class	t_U [°C]	
FU 075 03	121260	420,-		750	4,2	44	IP 20	-10/+40	MYSF.
FU 15 03	121261	625,-		1500	7,5	72	IP 20	-10/+40	
FU 22 04	121262	695,-		2200	10,0	93	IP 20	-10/+40	

Similar to image

- Frequency Converter
- Power supply 400 V 50/60 Hz
- Variable speed control
- Output voltage 0 - 400V 3~
- Integrated modbus interface
- Motor-/converter protection
- Integrated interference filter/class A
- Easy start-up
- Temperature range -10 °C ... +50 °C
- For switch cabinet
- IP 21

Type	ID	EUR		P_{1N}	I_A	P_V	Protection Class	t_U [°C]	
FU 22 05	124682	1280,-		2200	5,5	79	IP 21	-10/+50	MYSF.
FU 30 03	121609	1360,-		3000	7,1	125	IP 21	-10/+50	
FU 40 03	121607	1550,-		4000	9,5	150	IP 21	-10/+50	
FU 55 03	123249	2000,-		5500	14,3	232	IP 21	-10/+50	

Similar to image

- Frequency Converter
- Power supply 400 V 50/60 Hz
- Variable speed control
- Output voltage 0 - 400 V 3~
- Integrated modbus interface
- Motor-/converter protection
- Integrated interference filter/class A
- Easy start-up
- Temperature range -10 °C ... +40 °C
- IP 55

Type	ID	EUR		P_{1N}	I_A	P_V	Protection Class	t_U [°C]	
FU 22 03	118511	1630,-		2200	5,5	79	IP 55	-10/+40	MYSF.
FU 30 04	121610	2290,-		3000	7,1	125	IP 55	-10/+40	
FU 40 04	121608	2590,-		4000	9,5	150	IP 55	-10/+40	

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	Type	ID	EUR	For models:	I_{max} [A]	Input voltage
MYSF.	**ECC 14 01**	119697	**1350,-**	EL 400 EC 01/EL 450 EC 01	10,0	230V 1~, 50/60 Hz
	ECC 20 01	118833	**1450,-**	EL 500 EC 01	3,0	400V 3~, 50/60 Hz
	ECC 30 01	118880	**1520,-**	EL 560 EC 01/EL 630 EC 01	4,5	400V 3~, 50/60 Hz
	ECC 45 01	119698	**1680,-**	EL 710 EC 01	5,0	400V 3~, 50/60 Hz

Similar to image

- **EC-Controller**
- **Adjustable speed**
- **Max. ambient temp -10 °C - +40 °C**
- **IP 20**

	Type	ID	EUR	For models:		WxHxL [mm]
MYSC.	**CON P1000**	115259	**410,-**	SL, RLI/E, FG, ETA		118 x 70 x 139

- **Constant pressure control**
- **Range of control 50-1000 Pa**
- **Output 0-10V**
- **IP 55**

	Type	ID	EUR	For models:		WxHxL [mm]
MYSC.	**COM 01**	122872	**240,-**	SL, RLI/E, FG, ETA 600		130 x 75 x 130

- **Modbus**

	Type	ID	EUR			WxHxL [mm]
MYSB.	**BDT KLIMA**	117836	**160,-**			82 x 30 x 82

- **Remote control BDT KLIMA**
- **Setting of supply air temperature**
- **Setting of fan speed**
- **Summer/winter change over**
- **Indication of malfunction / Filterchange**

Legend

t_U = Max. ambient temperature [°C]
P_{1N} = Max. motor-power consumption [W]
P_V = Efficiency loss FU [W]
I_A = Output current FU [A]
IP = Protection Class
ID = Part ID

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Accessories Electrical

Type	ID	EUR		$U_{max.}$ [V]	$I_{max.}$ [A]	WxHxL [mm]
MAN 01	104226	56,-		250	1,0	65 x 58 x 65

MYSLM

Accessories: Climaset, Part ID 111314, consisting of flexible tube, connection fitting and screw

- Pressure sensor with adjustable cut-off pressure
- Range of measurement
- Pmax 10 kPa
- Integrated EMI-Filter
- Variable switching limit
- Plastic housing
- Temperature range -20 °C ... +85 °C
- IP 54 (with protection cap)

Type	ID	EUR	Capillary length [m]	$U_{max.}$ [V]	$I_{max.}$ [A]	WxHxL [mm]
THE 01	103666	139,-	1,8	250	15	105 x 55 x 112
THE 02	115566	139,-	6	250	15	105 x 55 x 112

MYSLT

- Frost protection thermostat
- Switching capacity: 15 (8) A, 24-250 V~, bei 24 V~ min. 150 mA
- Range of control -10 °C ... +12 °C
- Switching limit 1 K
- Temperature range -10 °C ... +55 °C
- Sealable control point setting
- IP 40

Type	ID	EUR	U_N [V]	Protection Class	t_U [°C]	WxHxL [mm]
STA 01	103590	185,-	24 AC/DC	IP 54	-30/+50	66 x 68 x 116
STA 02	107204	257,-	24 AC/DC	IP 54	-30/+50	66 x 68 x 116
STA 11	103933	184,-	230 AC	IP 54	-30/+50	66 x 68 x 116

MYSLS

- Damper actuator
- Air damper size up to approx 1 m²
- Torque 5 Nm
- Direction of Rotation selectable (right/left)
- Activation DC 0-10 V or 3 point control
- Temperature range -30 °C ... +50 °C
- IP 54

Type	ID	EUR	U_N [V]	Protection Class	t_U [°C]	WxHxL [mm]
STA 12	107631	280,-	230 AC	IP 54	-30/+50	66 x 68 x 132

MYSLS

- Damper actuator
- Air damper size up to approx 1 m²
- Torque 5 Nm
- Direction of Rotation selectable (right/left)
- Activation DC 0-10 V
- Temperature range -30 °C ... +50 °C
- IP 54

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	Type	ID	EUR	U_N [V]	Protection Class	t_U [°C]	WxHxL [mm]
MYSLS.	**STA 13**	113125	**400,-**	230 AC	IP 54	-30/+50	98 x 82 x 181

- Damper control actuator with spring return
- Air damper size up to approx 0,8 m²
- Torque 4 Nm
- Direction of Rotation selectable (right/left)
- Control via 1-pole contact
- Temperature range -30 °C ... +50 °C
- IP 54

	Type	ID	EUR	U_N [V]	DN [mm]	kvs [m³/h]	Activation	WxHxL [mm]
MYSLS.	**STK 01**	112934	**447,-**	230	15	0,63	3 point	98 x 95 x 176
	STK 05	121620	**447,-**	230	15	1,60	3 point	98 x 95 x 176

- 3-Way ball-valve with actuator 230V
- 3 Point drive or Open/Close
- Suitable for the controllers of the SL-units
- Internal screw thread connection
- Temperature range 0 °C ... +50 °C
- IP 40

	Type	ID	EUR	U_N [V]	DN [m³/h]	kvs [m³/h]	Activation	WxHxL [mm]
MYSLS.	**STK 02**	112935	**470,-**	230	20	4,0	3 point	76 x 140 x 153
	STK 03	112936	**525,-**	230	25	6,3	3 point	76 x 143 x 155
	STK 04	117602	**683,-**	230	32	10,0	3 point	85 x 154 x 159

- 3-Way ball-valve with actuator 230V
- 3 Point drive or Open/Close
- Suitable for the controllers of the SL-units
- Internal screw thread connection
- Temperature range 0 °C ... +50 °C
- IP 54

	Type	ID	EUR	Main contact	N/O contact	Auxiliary contact	N/O contact / N/C contact
MYSR.	**GS 01**	102787	**60,-**		3		2 / 1
	GS 02	105386	**59,-**		6		0 / 0
	GS 03	107633	**60,-**		6		1 / 1
	GS 05	107273	**80,-**		3		0 / 0

GS 01 - 03

GS 05

- Isolator Switch
- Switching capacity 400 V 3~ = 5,5 kW
- I_{max} = 16 A
- Surface mounting

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MAK 250 01
With spring return
(VDI 6022)

Type	ID	EUR	For models:	
MAK 250 01	124067	**495,-**	ETA 600 F, ETA 600 V, ETA 600 H	
MAK 315 01	125466	**523,-**	ETA 1200 F, ETA 1200 V, ETA 1200 H	
MAK 355 01	125475	**529,-**	ETA 2400 V, ETA 2400 H	

MYMRR.

MAK 250 02
With actuator
3-point control

- **Motor shut-off flap**

Type	ID	EUR	For models:	
MAK 250 02	124068	**285,-**	ETA 600 F, ETA 600 V, ETA 600 H	
MAK 315 02	125467	**302,-**	ETA 1200 F, ETA 1200 V, ETA 1200 H	
MAK 355 02	125476	**307,-**	ETA 2400 V, ETA 2400 H	

MYMRR.

- **DX-Coil**
- **Sheet steel, galvanized**
- **With temperature sensor**
- **Condensation drain included**
- **Drop eliminator**
- **Air direction and connection side can be changed**

Type	ID	EUR	For models:	WxHxL [mm]	
DVRI 6030 01	125510	**1025,-**	ETA 1200 F, 1200 V, 1200 H	667 x 367 x 510	
DVRI 9030 01	125552	**1295,-**	ETA 2400 F, 2400 V, 2400 H	967 x 367 x 510	

MYMWT.

- **Cooling Coil (LPCW)**
- **Sheet steel, galvanized**
- **Insulated**
- **With temperature sensor**
- **Condensation drain included**
- **Drop eliminator**
- **Air direction and connection side can be changed**

Type	ID	EUR	For models:	WxHxL [mm]	
KWRI 6030 01	125509	**995,-**	ETA 1200 F, 1200 V, 1200 H	667 x 367 x 510	
KWRI 9030 01	125549	**1255,-**	ETA 2400 F, 2400 V, 2400 H	967 x 367 x 510	

MYMWT.

MYMLH.

Type	ID	EUR		WxHxL [mm]
EHM 5025 R09 01	121419	1440,-		754 x 367 x 424
EHM 5025 L09 01	121420	1440,-		754 x 367 x 424
EHM 5025 R18 01	121421	1540,-		754 x 367 x 424
EHM 5025 L18 01	121422	1540,-		754 x 367 x 424
EHM 6030 R09 01	121427	1440,-		754 x 367 x 400
EHM 6030 L09 01	121428	1440,-		754 x 367 x 400
EHM 6030 R18 01	121429	1540,-		754 x 367 x 400
EHM 6030 L18 01	121430	1540,-		754 x 367 x 400
EHM 6030 R27 01	121431	1600,-		754 x 367 x 400
EHM 6030 L27 01	121432	1600,-		754 x 367 x 400

- Electric heater battery
- Autonomous temperature control
- Flexible connection
- 3 Power stages 9 - 18 - 27kW
- Continuous control

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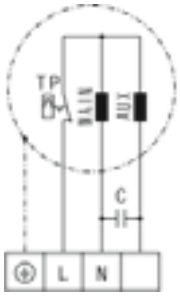
Wiring diagrams

116403



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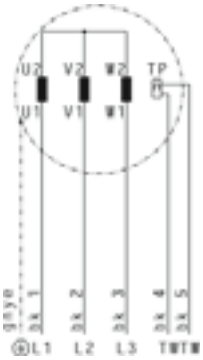

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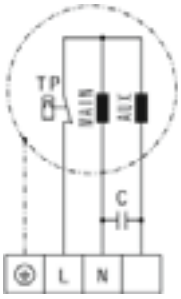

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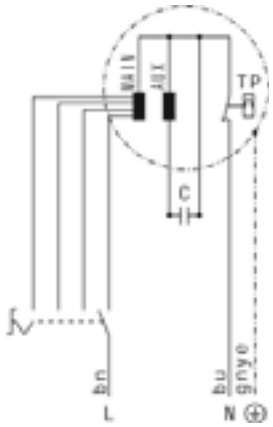

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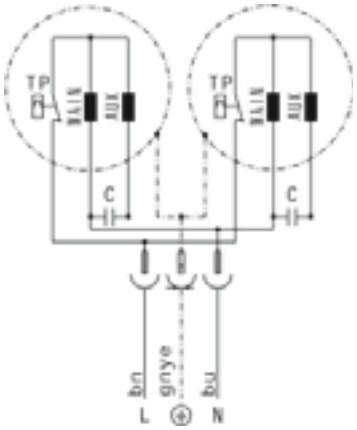

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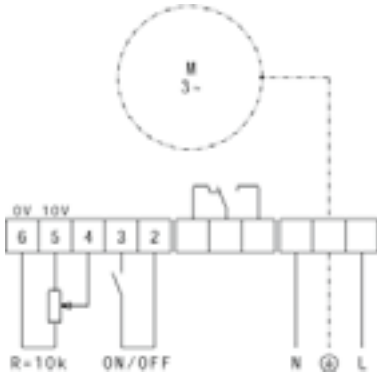

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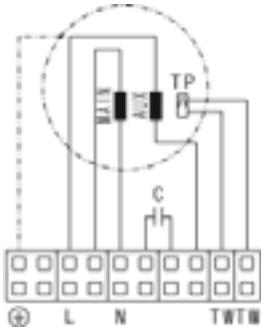

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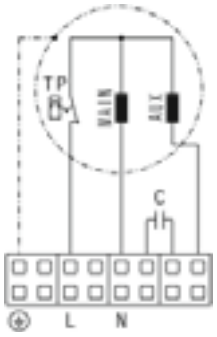

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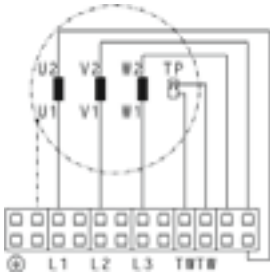

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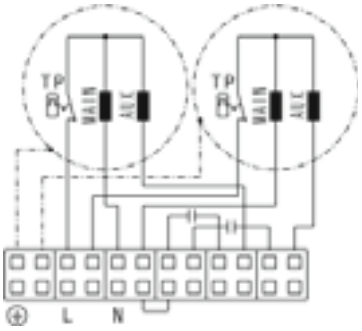

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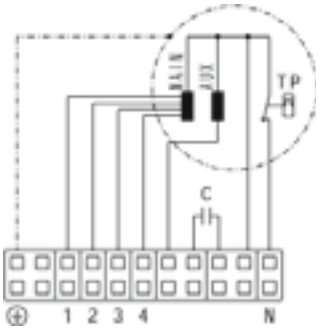

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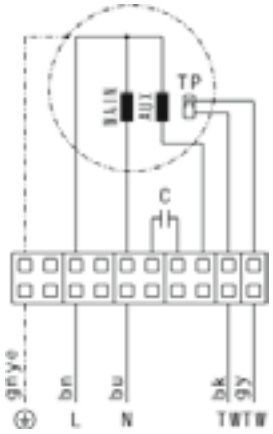

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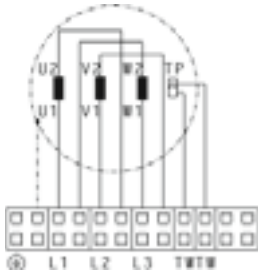	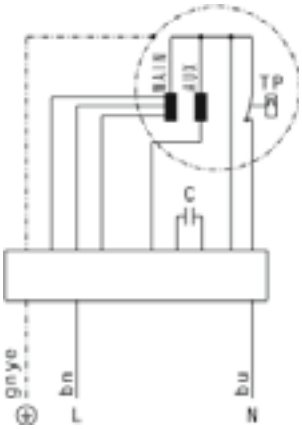	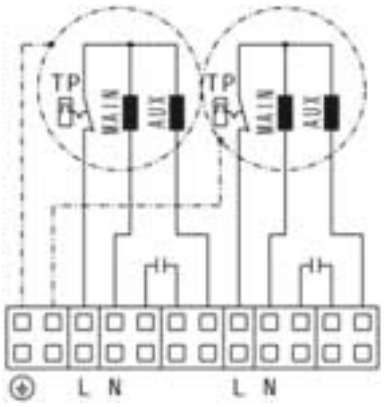

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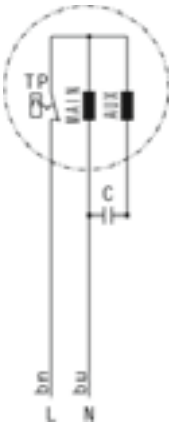	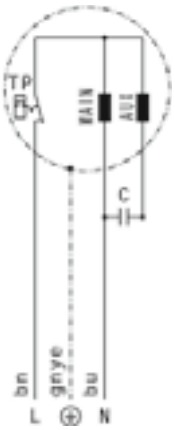	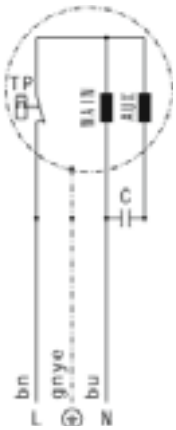

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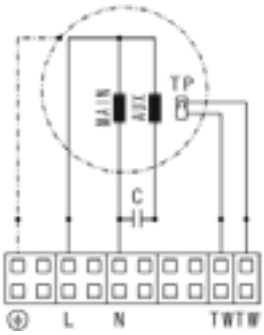	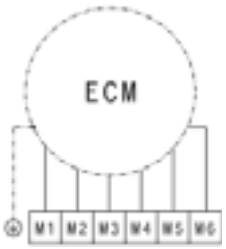	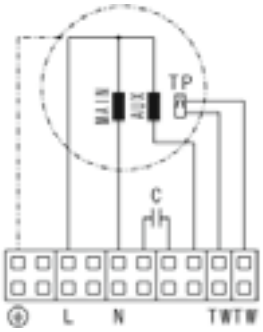

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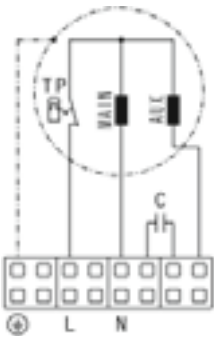	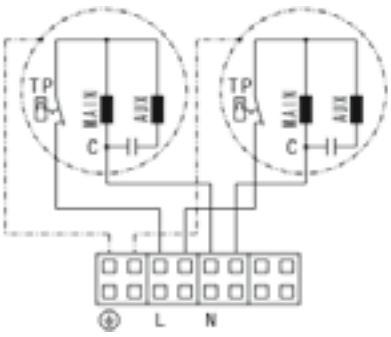	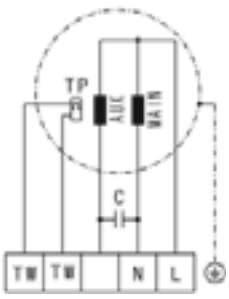

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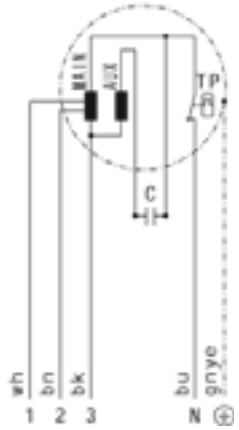
Wiring diagrams

122036



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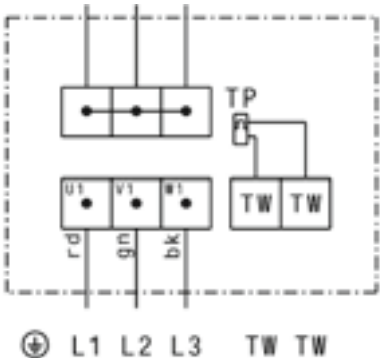

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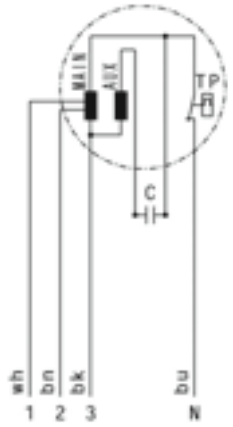

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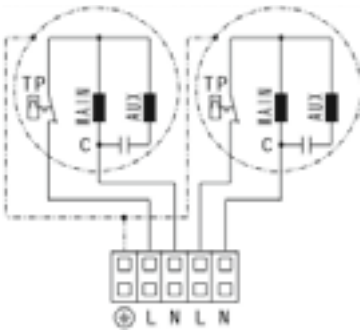

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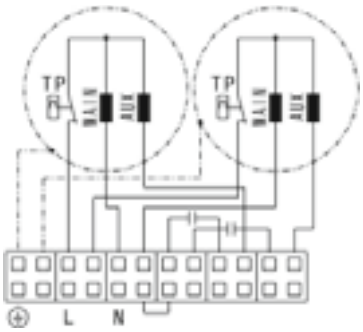

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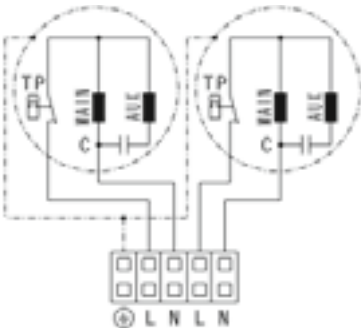

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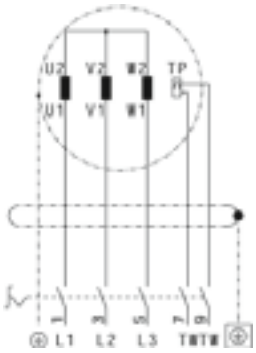

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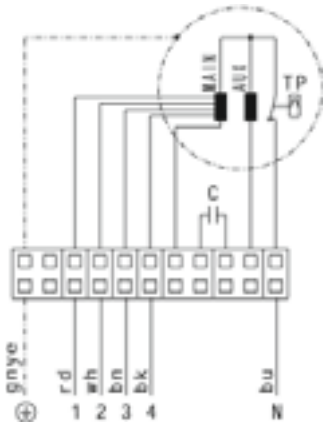

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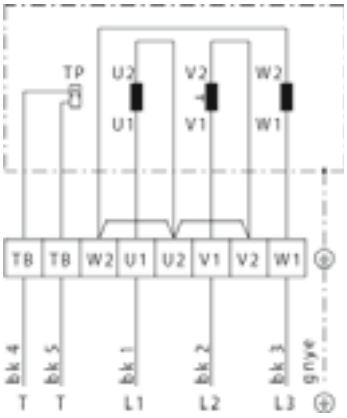

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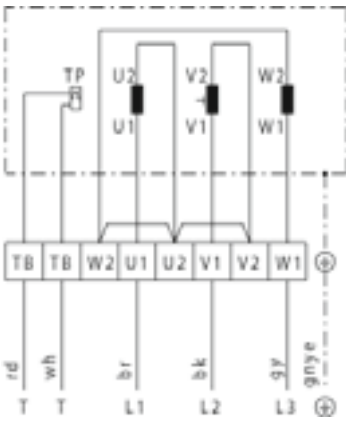

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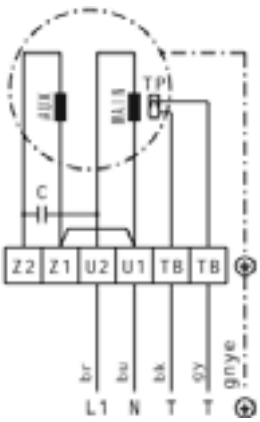

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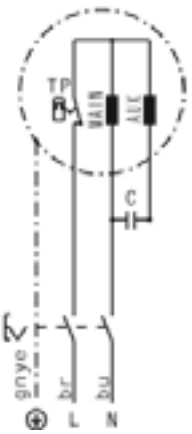

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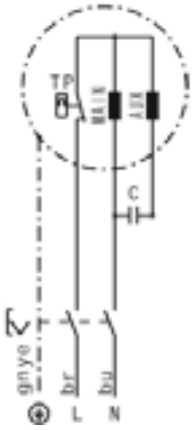	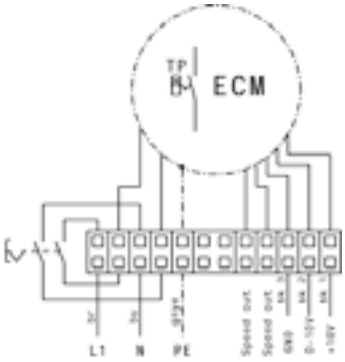	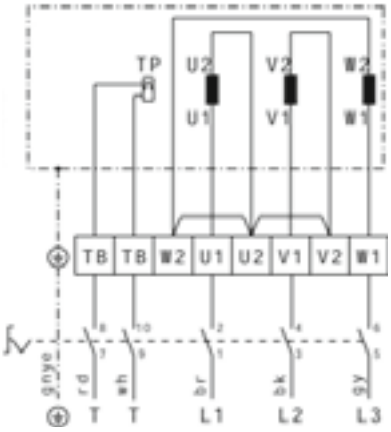

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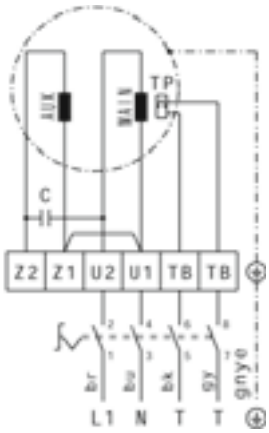	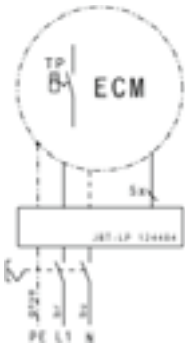	

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I. General Terms and Conditions

1. The mutual written statements are the decisive factors concerning the volume of the deliveries or services (hereinafter: deliveries). The general terms and conditions of the purchaser apply only if the supplier or provider (hereinafter: supplier) has explicitly confirmed these terms and conditions in writing. This confirmation applies only to this business transaction. As before, our general terms and conditions shall apply to all further transactions.

2. The supplier shall retain his offers, part lists, drawings and other documents (hereinafter: documents) as part of his unrestricted property and proprietary patent rights. The documents shall be made accessible to third parties only if the supplier has given his prior consent in writing. When the contract is no longer awarded to the supplier, these documents shall be promptly returned to the supplier.

II. Prices and Payment Conditions

1. So long as nothing else arises from the confirmation of the order/contract, our prices shall be calculated factory-direct, including packaging. Special packaging will be charged at cost, plus the appropriate applicable sales tax. The purchaser shall be invoiced for any subsequent taxes or fees, which concern the goods or the shipment of the goods. Prices are fixed for three month from date of offer if nothing different is mentioned in the offer

2. Payments are to be made directly to the appointed paying agent of the supplier.

3. If the supplier has taken over the assembly or installation and if there are no other agreements, then the purchaser shall assume, in addition to the agreed compensation, all additional expenses, such as: the travel expenses, and transportation expenses of hand tools and the personal baggage, as well as the releases.

4. The purchaser only has the right to offset when his counterclaims are legally declared indisputable or if they have been approved by us. If the purchaser is a business owner and acts as such, then the purchaser can only exercise his right to withhold or refuse service when the counterclaims are based on the same contractual relationship.

5. If we are obligated to supply advance deliveries, and if after the contract has been signed, we are aware of circumstances, which have jeopardized our payment claim because of the inadequate service capabilities of the purchaser, we have the choice of demanding guarantees within a reasonable amount of time or demanding payment at delivery. If the purchaser does not comply with these demands, we are then legally entitled to the right to withdraw from this contract.

III. Cancellation Charges

1. If the purchaser withdraws unjustifiably from a given contract, we have the opportunity to demand a claim for any actual damages. We can also demand 30 % of the lost profit and the price for those costs that arose during the processing of this contract. The purchaser reserves the right to prove lesser damage.

IV. Reservation of Title

1. The products delivered (reserved goods) remain the property of the supplier until all the requirements of the purchaser have been fulfilled.

2. The purchaser is forbidden from pledging the reserved goods as collateral or transferring them as a guarantee for the duration of the reservation of title. The resale may only be done by resellers via standard transactions and is only permitted under the condition that the reseller receives payment from his customer or if the reseller makes the reservation that the property passes to the customer only when the customer has satisfied his payment obligations.

3. a) If and when the purchaser resells the reserved goods, he also transfers his future claims from the resale to his customer with all ancillary rights (including any balance claims as guarantees), to the supplier, without subsequently needing to explicitly state so. If any one of the reserved goods is resold together with other products, but no unit price has been set for the reserved goods, the purchaser shall, as a priority, pay the supplier first the amount equivalent to the price of the reserved goods, as invoiced by the supplier.

b) When a legitimate claim against a customer is made credible, the purchaser shall provide the necessary information to the supplier concerning the fulfillment of his claims against this customer. He shall also deliver the necessary documents.

c) If there is no revocation, the purchaser is authorized to possess the transferred claim regarding the resale. The supplier is authorized to revoke the right to claim of the purchaser, if an important reason exists, particularly with respect to the following: late payment, the start of insolvency proceedings, bill/note protest, or if well-founded leads point to over-indebtedness or anticipated insolvency of the purchaser. Furthermore, after previous warnings, the supplier can disclose the guarantee transfers within an appropriate period of time. The supplier can also utilize the transferred claims and demand that the purchaser disclose the guarantee transfers to the customer.

4. a) The purchaser is allowed to process the reserved goods and to mix or combine them with other products. The processing, mixing or combining of the goods (hereinafter: processing) is done for the supplier. The purchaser stores the new product for the supplier with the due diligence of a respectable trader. The new products shall be considered reserved goods.

b) If and when the product is processed together with another product that does not belong to the supplier, then the supplier is entitled to joint ownership equal to the percentage of the total value which can be attributed to the processed, mixed or combined (hereinafter: processed) reserved goods in relation to the other processed goods at the point in time when the goods were processed. If the purchaser acquires sole ownership of the new product, the supplier and the purchaser both agree that the purchaser allows the supplier joint ownership of the new product equal to the percentage of the processed reserved good in relation to the other processed goods at the point in time when the goods were processed.

c) If the new product is sold, the purchaser thereby transfers his claims against the customer concerning the resale with all ancillary rights to the supplier as a guarantee, without subsequently needing to explicitly state so. The transfer is valid only for the actual amount of the contract. This value corresponds to the value that the supplier has placed in the invoice concerning those reserved goods which have been processed. It is paramount that the claim portions transferred to the supplier be fulfilled first. No. 3.c) applies to the forfeiture authorization as well as to the conditions of its revocation.

d) If the purchaser combines the reserved good with land or movable products, he also transfers (without needing to explicitly state so) his claim that existed as compensation for the combination. When he transfers his claim, he also transfers to the supplier all ancillary rights concerning the amount of value of the reserved goods in relation to the other goods at the time they were combined, as a guarantee.

5. The purchaser shall immediately notify the supplier with respect to: distraints, seizures, court orders or other third party interventions.

6. If there is a breach of duty on the part of the purchaser, particularly with respect to default of payment, then the supplier has the right to withdraw from the contract and demand his goods, if the purchaser has not complied with the appropriately specified payment terms within the set time limit. German Civil Law on the fact that there is no need to set time limits still applies. The purchaser is obligated to return the goods.

1. If the purchaser wants the supplier to comply with the time limits concerning the supply deliveries, he will have to make sure that the supplier receives all documents, necessary authorization and clearances on time, especially with respect to drawings. The purchaser also needs to comply with the agreed payment terms and other obligations. If these requirements are not fulfilled in a timely manner, the time limits are to be extended accordingly; however, this is not applicable if the supplier has caused the delay. So long as nothing else is agreed upon or nothing else arises from the contract, the delivery time that we specify is always nonbinding. Incomplete and over deliveries, in so far as they are not considered unreasonable by the purchaser, are permissible without prior notice. The valid delivery time for supply factory-direct is that time which complies with the written notification of supply readiness.

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2. Delays in delivery that are the result of an act of God or unforeseen circumstances, which are beyond our control, such as: operational disturbances, strikes, lockouts, raw material procurement difficulties, official directives, etc. shall not be considered in default. The agreed upon delivery time limit shall be extended for the duration of the disturbance. If the supplier defaults, the purchaser has to grant an adequate grace period. If this time limit passes as well, the purchaser can, so long as he is able to prove that this has caused him to suffer damage, demand restitution in the amount of 0.5 % for each week, however not more than 5 % of the price corresponding to that part of the delivery which is in default and has not been available for use.

3. With respect to each case of default delivery, the purchaser may not make any claims for damages concerning default deliveries or make any claims for damages instead of accepting delivery if the damage claims cross the boundaries mentioned in No.2. This is also the case when the time limit set for the supplier to deliver the good has expired.

VI. Delivery, Shipment and Transfer of Risk, Receipt

1. The transfer of risk to the purchaser also applies to deliveries which are sent with freight paid:
a) With respect to deliveries which are not installed or assembled, the transfer of risk occurs when they are delivered to the place of shipment or when they are picked up. If the purchaser desires, the deliveries can be insured against transportation risks. However, the supplier must pay for this insurance.
b) With respect to deliveries which are to be installed or assembled, the transfer of risk occurs on the day it is received at the final destination, and after the testing facility has proven it to be in good working condition.

2. If there is a delay in shipment, delivery, initiation, installation, assembly, testing, or transfer to the final destination, for which the purchaser is responsible, the risk is transferred to the purchaser. The risk is also transferred to the purchaser if and when other such reasons cause the purchaser to be in default of acceptance.

3. The purchaser may not refuse receipt of the deliveries if defects are negligible. The purchaser may not return the product unless he has given us prior written notification and received our written consent.

VII. Material Defects

1. If the purchaser is a business person who acts as such and wants to make any warranty claims for material defects, he must have examined the good upon delivery. He must notify us concerning potential visible defects immediately upon his examination and he must also notify us as to non-visible defects immediately after he has discovered them. These notifications must be in writing and include specific details concerning the defects discovered. (§ 377 HGB [German Commercial Code]). If the purchaser is not a business person acting as such, he will have to notify us of his complaint concerning those obvious defects in writing within 14 days after he has discovered them.

2. The purchaser cannot make any defect claims, if the condition of the goods is negligibly different or if there are any negligible restrictions on its usability. If the purchaser has ordered any special models, varying products or goods not available from stock, he will have to tolerate potential changes in quantity of +/- 10 % due to production limitations.

3. We will choose whether we wish to make subsequent improvements to those goods which display material defects free of charge within the statute of limitation, or whether we wish to deliver or provide them anew. However, we will only do this if the defect was incurred before the transfer of risk occurred.

4. In the case of defect notifications, the purchaser shall only withhold the amount of payment appropriate for the defects which have occurred. The purchaser may only withhold this amount of payment, if the conditions mentioned in Number II. 4 are met.

5. If the purchaser incorrectly lodges a complaint and notifies us that we are accountable for defects which we are not accountable for, we shall have the right to charge him for any appropriate material and those financial expenses that were incurred in the removal or examination of the defect.

6. The purchaser does not have the right to claim reimbursement for any expenses, such as: transportation costs, toll fees, staff and material expenses that were incurred when a new replacement for the defective good was delivered if we have to deliver the good to a location other than the original place of delivery, unless otherwise agreed in a contract. We shall have the right to charge the purchaser for any of these additional expenses.

7. Material defect claims by commercial businesses expire 24 months after the transfer of risk. If a defect requires us to redeliver a good, the statute of limitation is interrupted while the good is being redelivered, but it will not be reinitiated.

8. Before the purchaser can make any other claims or claim any other rights (withdrawal, price reductions, damage claims, and reimbursement for expenses), we shall first have the opportunity to repair or replace the faulty goods within an appropriate time limit, if we have not provided any other guarantees. For defect damage claims, see number VIII. The purchaser may not assert any other defect claims or claim any other defect rights against us or our vicarious agents.

9. The purchaser shall pay the transportation costs and the risk is transferred at the moment of transportation.

VIII. Defect Damage Claims and Liability for Miscellaneous Reasons

1. The purchaser may not claim for damages that were incurred while we were supplying services owed the purchaser, unless we are guilty of intentionally causing the damage by breaching our duty through wanton or grave negligence. The purchaser may not claim for subsequent harm caused by a defect, particularly with respect to missed profits which resulted from the defect, so long as the defect is only the result of slight negligence on our part or if it occurred through no fault of our own. The limitation of liability is valid also for the purchaser‘s claim for expenses which resulted from the defect.

IX. Guarantee and Property Rights

1. Our goods comply with the basic safety requirements of the EC Machinery Directive and with state of the art technology. Repair and maintenance is to be conducted solely by qualified personnel. If changes are made without our consent concerning the goods delivered, the manufacturer’s declaration of conformity becomes invalid and the persons making such unauthorized changes become the manufacturer for the purposes of the EC Machinery Directive.

2. We are not liable for any deliveries made to areas that are outside the Federal Republic of Germany, in the event that third party rights are damaged by our products.

X. Place of Jurisdiction and Applicable Law

1. If the purchaser is a business person who acts as such, the registered office of Ruck Ventilatoren GmbH shall be considered the sole place of jurisdiction for all direct or indirect disputes which arise from the contractual relationship. However, the supplier is also entitled to take legal action against the purchaser at his registered offices.

2. The privity that correlates to this contract is in accordance with German Substantive Law with the express exclusion of the UN Convention on Contracts for the International Sale of Goods (CISG).

XI. Binding Nature of the Contract

1. This contract, in its entirety, remains binding even if individual terms and provisions become null and void. The same applies if a loophole is found in the contract. An appropriate provision shall replace the loophole or the term or provision that has become null and void. This provision shall be the next best alternative, in terms of both parties‘ interests and in terms of its intent and purpose.

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ruck Ventilatoren GmbH
Max-Planck-Strasse 5
D-97944 Boxberg

Tel +49 (0)7930 9211-300
Fax +49 (0)7930 9211-166

www.ruck.eu
info@ruck.eu

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