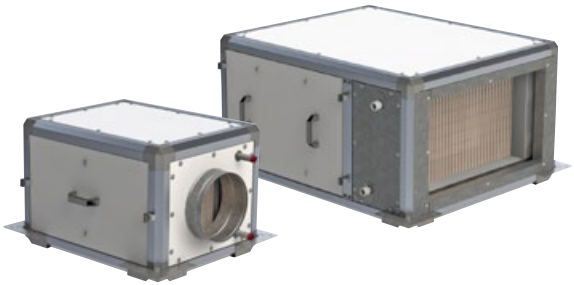
RME, RMW, RMK Ekonovent®



DR Digireg®

VCC VAV-CAV-COP control types

EC EC motor

ErP ErP conform

Technical Parameters

Cabinet
The 45 mm thick wall panels are made of galvanized sheet steel with external coating in RAL 9002 colour. The panels are filled with sound and heat insulation made of non-flammable mineral glass wool. To facilitate service, the unit cabinet is equipped with a removable door with locks. The unit frame is made from aluminium profiles with wall panels screwed to the frame. The connection sockets of the water heaters are led to the outer casing of the unit. The cabinet is fitted with 4 pieces of hinges with holes Ø 12 mm for under-ceiling mounting of the unit.

Fans
The unit is fitted with a fan with backward curved blades, the impeller is made of composite material. The impeller is statically and dynamically balanced.

Motors
EC motor is assembled directly on the fan impeller. The fan motor can be continuously controlled by an external signal 0 to 10 V or PWM. The motor is equipped with its own built-in thermal protection.
Electric motor protection of IP44.

Heaters
Water heaters are designed for heating water temperature drop of dT = 20 K (80/60 °C) for inlet air temperature t_e = –12 °C/90 % RH at nominal air flow. Electric heaters are designed for inlet air temperature t_e = –12 °C/90 % RH at nominal air flow and are fitted with an operation and emergency thermostat.

Filters
One or more filter elements of filtration class F7 (optional filter class G4 to F9) are located in the unit; they are situated in one filter wall. The filter is made from polypropylene filter material. Access to the filters is provided through inspection door at the unit operation side. In the case of multi-stage filtration, the unit can be supplemented with MFL filter cartridges with MFR filter inserts, which are intended for installation in pipes.

Electrical connection
The supply voltage of the units is 1x230V/50Hz or 3x400V/50Hz and depends on the equipment of the unit. Supply cables, cables to the sensors, the power cables to the fans are fed to the unit via plastic bushings in the wall of the unit, which are not part of the unit delivery. The terminal block of the electric heater for RME units is accessible after removing the outer cover. The electric motor of the fan has the supply power cable led to a plastic switchboard with a terminal block, which is located inside the unit.

Control
The unit is supplied without control as standard. If required, the unit is equipped with Digireg® control. If the unit is equipped with the I&C system directly from the factory, all sensors and actuators are electrically connected and tested. The control box is located on the wall of the unit according to the current space requirements of the specific project (the location of the control box of the I&C system must be specified in the order).

Assembly
is possible in a horizontal position with the operating side from the side of the unit (designation in unit code H2) or from the underside of the unit (designation in unit code H1).
It is also possible to distinguish between the right (P) and left design (L) according to the position of the water heater outlets or the position of the connection terminal block of the electric heater (for size 2400, 3000, 4000, 6000). The L or P position is determined by looking at the front inlet surface of the heater in the direction of air flow. There must be a handling space next to the unit for removal of the lid and filters and for performing periodic wiring inspections.

Noise
given in the tables represents the sound power levels at the suction and discharge of the unit with weight filter correction A and the sound pressure level at a distance of 1 m from the operating side of the unit (in the free field Q = 2).

Variants
- **RME** with built-in electric heating and filter
- **RMW** is with built-in water heating and filter
- **RMK** inlet unit with filter without heater

Information
The unit is designed for ventilation of commercial areas. The delivery of the unit to the outdoor environment needs to be consulted.

HVAC accessories
- **Sonoflex®, Termoflex®** flexible hoses and fittings (K 7.3)
- SPIRO round spiro pipes and fittings (K 7.3)
- **KAA, IAE** flexible couplings (K 7.1)
- **MAA, IAA, MTS** silencers (K 7.1)
- **RSK, TSK** check valve (K 7.1)
- **MSK, MSKT, IJK** throttle and mixing flaps (K 7.1)
- Poppet valves, diffusers, nozzles, grilles (K 7.2)
- Rain blinds (K 7.1)
- **MKW, IKW, MKF, IKF** water and direct air coolers (K 7.1)
- **MFL, IFL** filter cartridges for round and square pipes (K 7.1)
- **ESU** mixing units (K 7.1)

EL accessories
- **Digireg®** digital control system for units with heating and cooling, controller with touch-screen display (K9)
- **JTR** triac switch for electric heater power control (K 9)
- **HIG, HYG** humidistats (K 8.2)
  EDF-CO2, SQA CO2 sensors (K 8.2)
- **RTR** thermostats (K 8.2)
- **DTS PSA** pressure sensors (K 8.2)
- Actuators (K 8.2)
- **AIRSENS** air quality sensors (K 8.2)

Warranty terms
The RME, RMW, RMK Ekonovent® devices, including the DVAV, DCAV and DCOP control system, must be put into operation exclusively by the Seller or a person designated by the Seller. Failure to comply with this condition results in termination of the Buyer's rights from defective performance and from the Quality Guarantee. Detailed terms are specified in the Seller's Complaint Procedure.

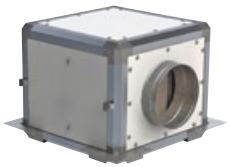
R	M	W	2	4	0	0	F	7	D	V	A	V	H	1	P
			1			2		3	4	5		6	7		

Unit design:
1 – **RMW** – unit with water heater
RME – unit with electric heater
RMK – unit without heater
2 – unit size according to the table of technical parameters (e.g. 800/315 or 3000)
3 – filter filtration class (standard F7, optional G4 – F9)
4 – type of control system:
D – Digireg®
5 – air flow control type: Class acc. to EN779
VAV – variable air flow G4
CAV – constant air flow M5
COP – constant static pressure supplied to the HVAC piping network
6 – position of the operating side: F9
H1 – lower service lid
H2 – side service lid
7 – position of the connection sockets of the water heater (or the connection terminals of the electric heater):
L – left
P – right
The position of the connection sockets can only be selected for sizes RMW/E 2400, 3000, 4000, 6000!

Class acc. to EN779	Class acc. to EN ISO 1 6890
G4	ISO Coarse 60%
M5	ISO ePM10 50%
F7	ISO ePM2,5 70%
F9	ISO ePM1 80%

Digireg® control unit

Digireg® controller



RMK Ekonovent® fan chamber type 250, 500, 800, 900, 1200

RMK Ekonovent® fan chamber type 2400, 3000, 4000, 6000

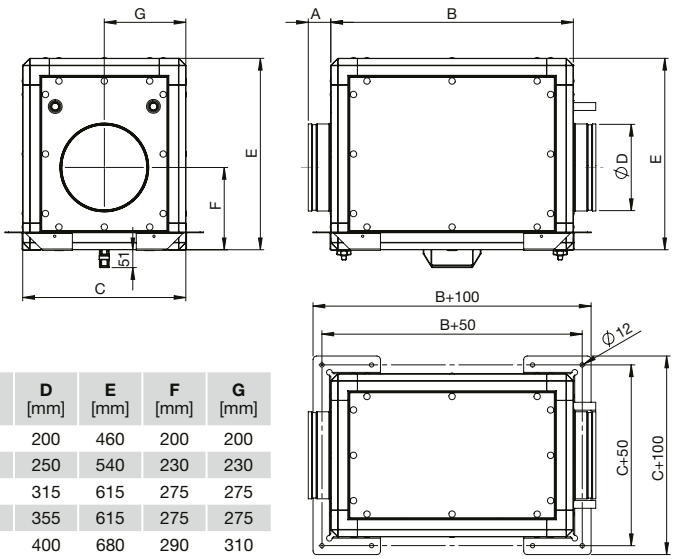
Type	Nominal air flow	speed / control voltage**	EC motor			heater			weight	control system
			voltage	current NOM/MAX***	výkon NOM/MAX***	voltage	current	power*		Digireg®
	[m³/h]	[min⁻¹/ V]	[V/Hz]	[A]	[W]	[V/Hz]	[A]	[kW]	[kg]	
RME 250/200	250	2791/8.6	1x230 V/50 Hz	0.25/0.3	28/34	1x230V/50Hz	9	2	32	M1-E2
RMW 250/200	250	2791/8.6	1x230 V/50 Hz	0.25/0.3	28/34	–	–	4.4	33	M1-Vx
RME 500/250	500	2870/9.2	1x230 V/50 Hz	0.46/0.5	61/67	1x230V/50Hz	13	3	37	M1-E8-2
RMW 500/250	500	2870/9.2	1x230 V/50 Hz	0.46/0.5	61/67	–	–	8.5	38	M1-Vx
RME 800/315	800	2730/9.4	1x230 V/50 Hz	0.72/0.8	101/113	3x400V/50Hz	8.5	5.4	51	M1-E8-2
RMW 800/315	800	2730/9.4	1x230 V/50 Hz	0.72/0.8	101/113	–	–	13.7	52	M1-Vx
RME 900/355	900	2395/7.1	1x230 V/50 Hz	0.6/1.1	96/170	3x400V/50Hz	16.5	10.8	55	M3-E15
RMW 900/355	900	2395/7.1	1x230 V/50 Hz	0.6/1.1	96/170	–	–	14.8	56	M1-Vx
RME 1200/400	1200	2045/7.5	1x230 V/50 Hz	0.9/1.4	146/222	3x400V/50Hz	16.5	10.8	68	M3-E15
RMW 1200/400	1200	2045/7.5	1x230 V/50 Hz	0.9/1.4	146/222	–	–	20.7	70	M1-Vx
RME 2400	2400	1270/8.4	1x230 V/50 Hz	0.9/1.5	214/360	3x400V/50Hz	34	22.5	92	M3-E24
RMW 2400	2400	1270/8.4	1x230 V/50 Hz	0.9/1.5	214/360	–	–	35.8	98	M1-Vx
RME 3000	3000	1420/9.4	1x230 V/50 Hz	1.25/1.5	299/360	3x400V/50Hz	45	30	111	M3-E36
RMW 3000	3000	1420/9.4	1x230 V/50 Hz	1.25/1.5	299/360	–	–	47.5	118	M1-Vx
RME 4000	4000	1480/10	1x230 V/50 Hz	1.6/1.6	388/388	3x400V/50Hz	45	30	122	M3-E36
RMW 4000	4000	1480/10	1x230 V/50 Hz	1.6/1.6	388/388	–	–	62.8	131	M1-Vx
RME 6000	5800	1450/9.6	1x230 V/50 Hz	2.7/3.0	638/720	3x400V/50Hz	70	45	161	M3-E72
RMW 6000	5800	1450/9.6	1x230 V/50 Hz	2.7/3.0	638/720	–	–	93.9	173	M1-Vx

* Water heater output at nominal air flow, at t_s = –12 °C/90 % RH and for a water temperature drop of 80/60 °C.
** EC motor speed and control voltage at nominal air flow.
*** NOM - power and current at nominal air flow and nominal speed. MAX - power and current at maximum fan speed in the unit.

Soler&Palau Ventilation Group

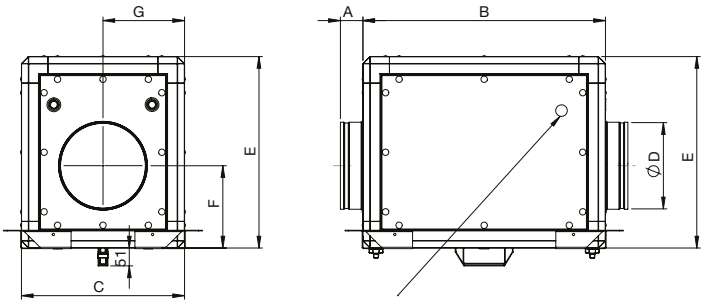
Dimensions

RME 250/200; 500/250; 800/315; 900/355; 1200/400 – position H1

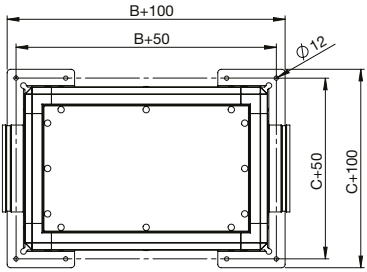


Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
RMW 250/200	63	664	400	200	460	200	200
RMW 500/250	63	684	460	250	540	230	230
RMW 800/315	63	754	550	315	615	275	275
RMW 900/355	63	850	550	355	615	275	275
RMW 1200/400	63	930	620	400	680	290	310

RME 250/200; 500/250; 800/315; 900/355; 1200/400 – position H1

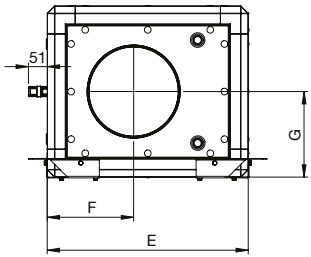


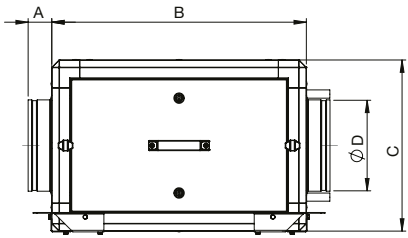
Electric heater thermal fuse release button – located on the outside unit panel

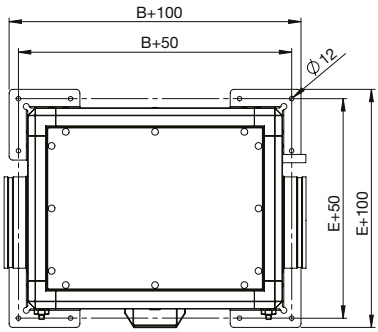


Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
RME 250/200	63	664	400	200	460	200	200
RME 500/250	63	684	460	250	540	230	230
RME 800/315	63	754	550	315	615	275	275
RME 900/355	63	850	550	355	615	275	275
RME 1200/400	63	930	620	400	680	290	310

RME 250/200; 500/250; 800/315; 900/355; 1200/400 – position H2

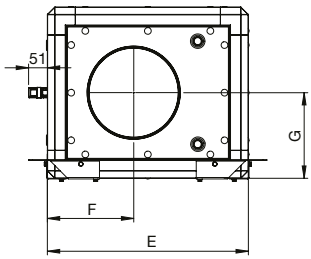


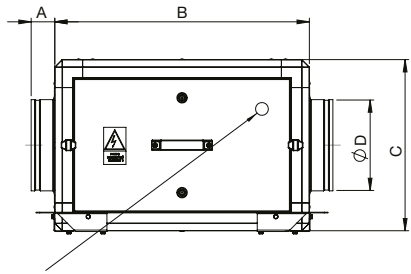




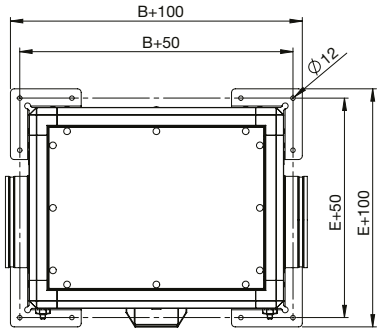
Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
RMW 250/200	63	664	400	200	460	200	200
RMW 500/250	63	684	460	250	540	230	230
RMW 800/315	63	754	550	315	615	275	275
RMW 900/355	63	850	550	355	615	275	275
RMW 1200/400	63	930	620	400	680	290	310

RME 250/200; 500/250; 800/315; 900/355; 1200/400 - position H2





Electric heater thermal fuse release button – located on the outside unit panel

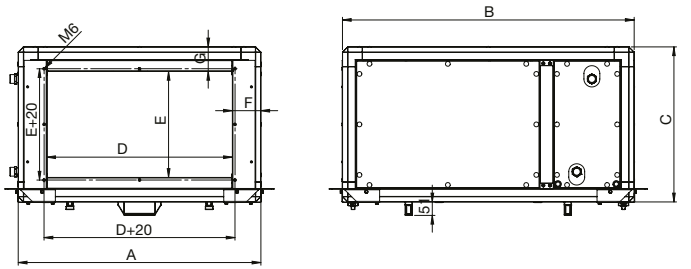


Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
RME 250/200	63	664	400	200	460	200	200
RME 500/250	63	684	460	250	540	230	230
RME 800/315	63	754	550	315	615	275	275
RME 900/355	63	850	550	355	615	275	275
RME 1200/400	63	930	620	400	680	290	310

Soler&Palau Ventilation Group

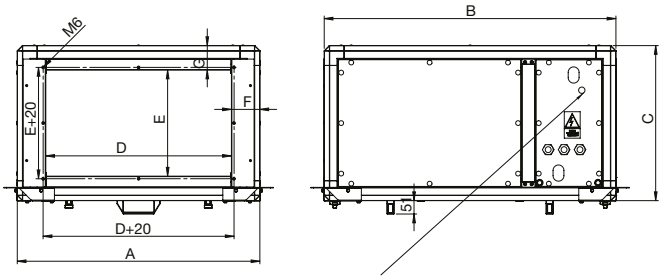
Dimensions

RMW 2400; 3000; 4000; 6000 – position H1

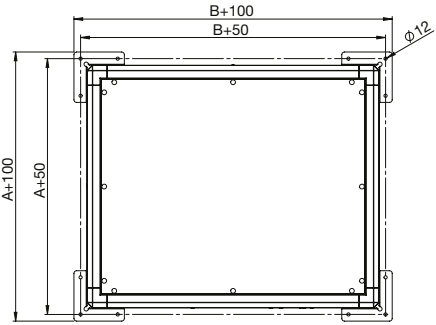


Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
RMW 2400	915	1100	585	700	400	107,5	92,5
RMW 3000	1015	1100	685	800	500	107,5	92,5
RMW 4000	1215	1050	685	1000	500	107,5	92,5
RMW 6000	1465	1100	785	1200	600	132,5	92,5

RME 2400; 3000; 4000; 6000 – position H1

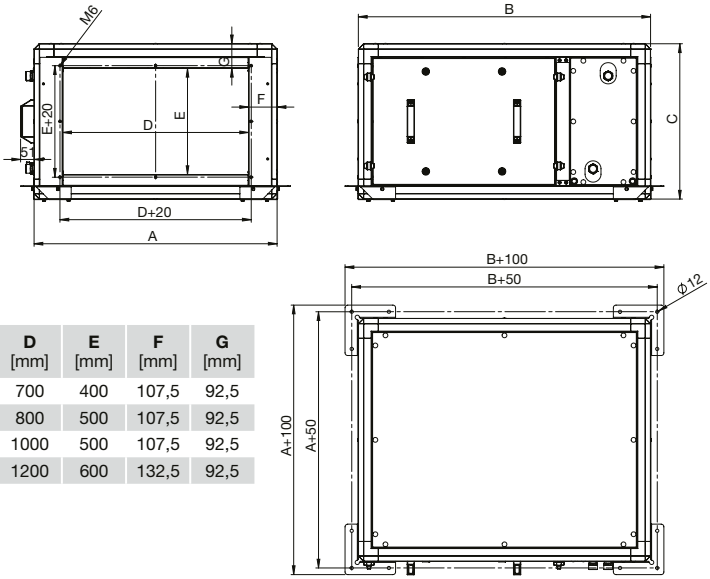


Electric heater thermal fuse release button – located on the outer unit panel



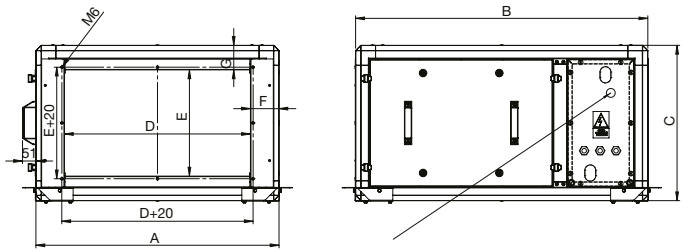
Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
RME 2400	915	1100	585	700	400	107,5	92,5
RME 3000	1015	1100	685	800	500	107,5	92,5
RME 4000	1215	1050	685	1000	500	107,5	92,5
RME 6000	1465	1100	785	1200	600	132,5	92,5

RMW 2400; 3000; 4000; 6000 – position H2

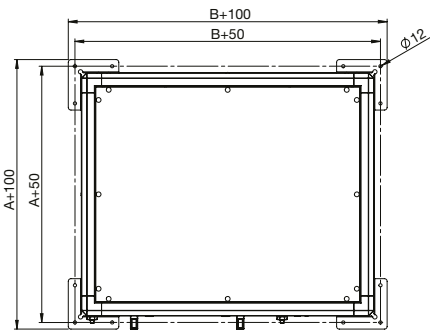


Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
RMW 2400	915	1100	585	700	400	107,5	92,5
RMW 3000	1015	1100	685	800	500	107,5	92,5
RMW 4000	1215	1050	685	1000	500	107,5	92,5
RMW 6000	1465	1100	785	1200	600	132,5	92,5

RMW 2400; 3000; 4000; 6000 – position H2

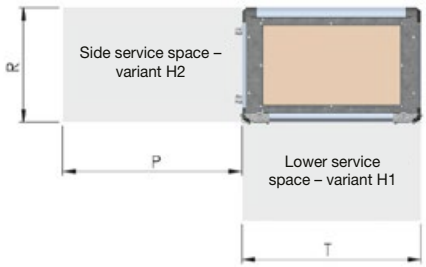


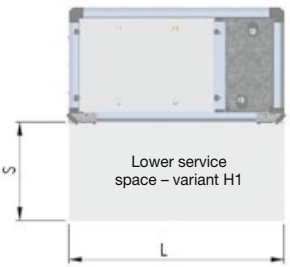
Electric heater thermal fuse release button – located on the outer unit panel



Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
RME 2400	915	1100	585	700	400	107,5	92,5
RME 3000	1015	1100	685	800	500	107,5	92,5
RME 4000	1215	1050	685	1000	500	107,5	92,5
RME 6000	1465	1100	785	1200	600	132,5	92,5

Assembly and service space of RMW/E units:





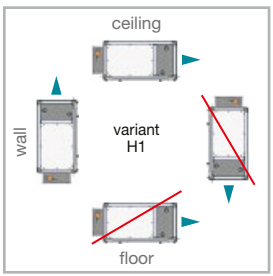
Type	position H1					position H2				
	P [mm]	R [mm]	S [mm]	T [mm]	L [mm]	P [mm]	R [mm]	S [mm]	T [mm]	L [mm]
RMW/E 250/200	200	460	460	400	664	460	400	–	–	664
RMW/E 500/250	200	540	540	460	684	540	460	–	–	684
RMW/E 800/315	200	615	615	550	754	615	550	–	–	754
RMW/E 900/355	200	615	615	550	850	615	550	–	–	850
RMW/E 1200/400	200	680	680	620	930	680	620	–	–	930
RMW/E 2400	300	585	585	915	1100	915	585	–	–	1100
RMW/E 3000	300	685	685	1015	1100	1015	685	–	–	1100
RMW/E 4000	300	685	685	1215	1050	1215	685	–	–	1050
RMW/E 6000	300	785	785	1465	1100	1465	785	–	–	1100

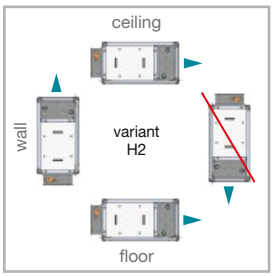
Supplementing figures

Example of RMW/E H2 unit
sizes 250/200 to 1200/400 with MSK damper

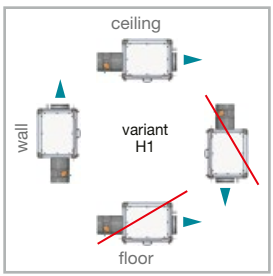
Example of RMW/E H2 L unit
sizes 2400 to 6000 with IJK damper

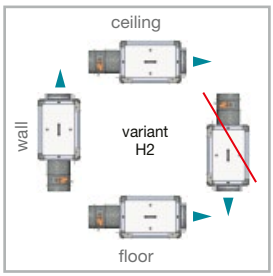
RMW/E size 2400 to 6000





RMW/E size 250/200 to 1200/400

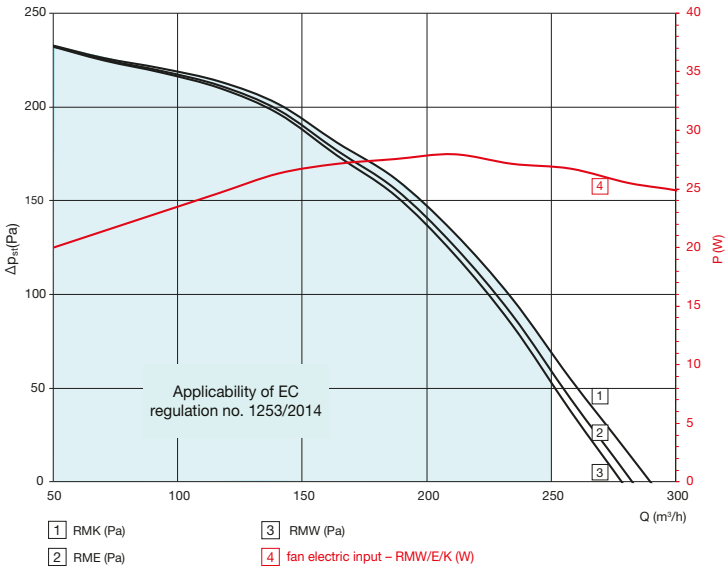




Characteristics

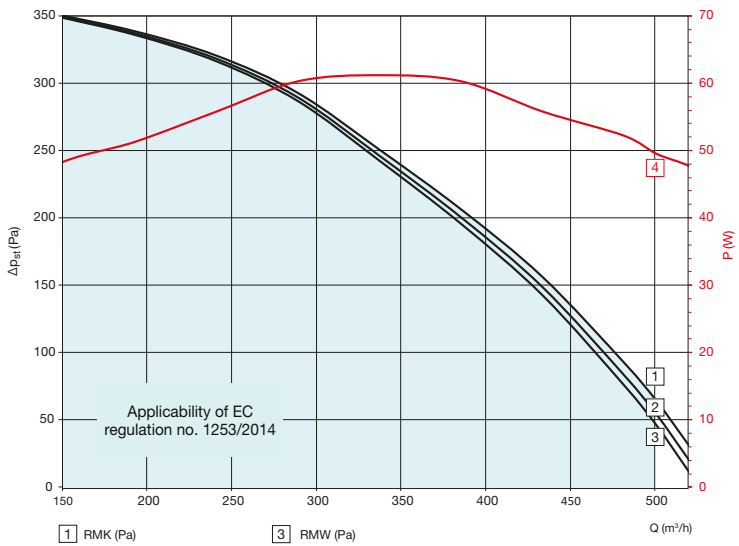
Q air flow (m³/h)
Δp_{st} unit external static pressure (Pa)
P electric input (W)

RMW/E 250/200 Ekonovent®



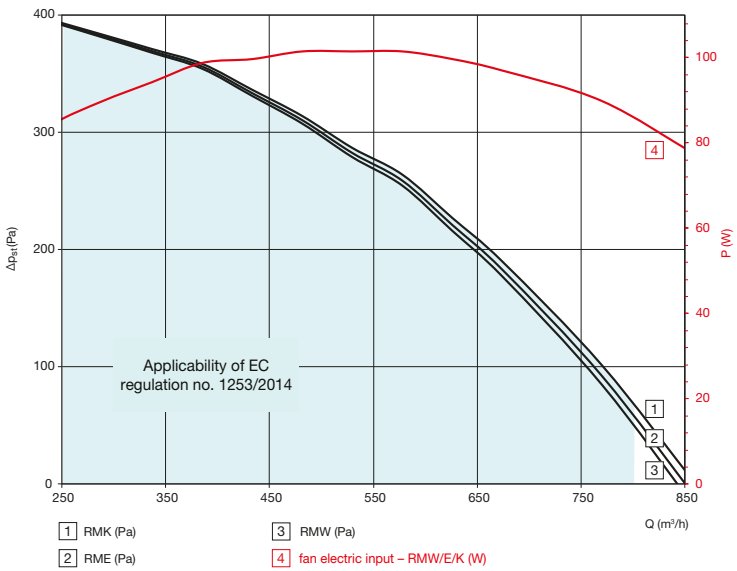
1 RMK (Pa)
2 RME (Pa)
3 RMW (Pa)
4 fan electric input – RMW/E/K (W)

RMW/E 500/250 Ekonovent®



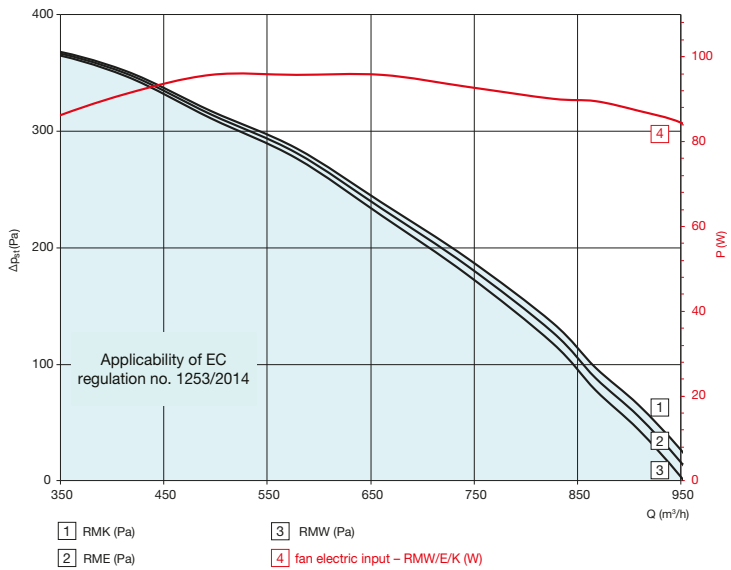
1 RMK (Pa)
2 RME (Pa)
3 RMW (Pa)
4 fan electric input – RMW/E/K (W)

RMW/E 800/315 Ekonovent®



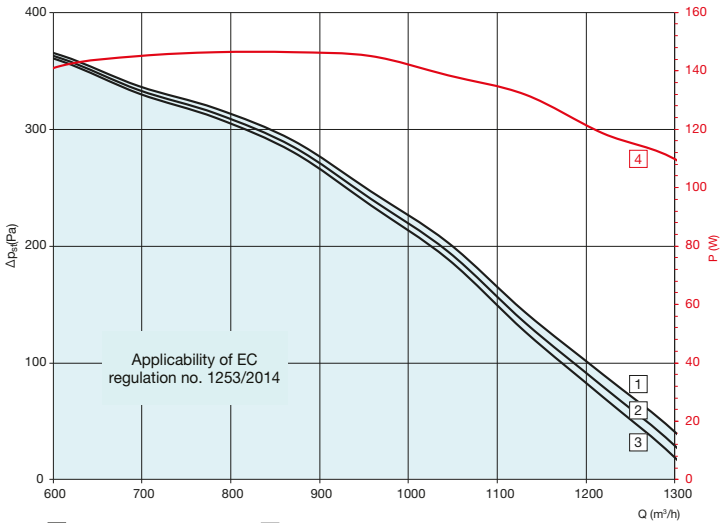
1 RMK (Pa)
2 RME (Pa)
3 RMW (Pa)
4 fan electric input – RMW/E/K (W)

RMW/E 900/355 Ekonovent®



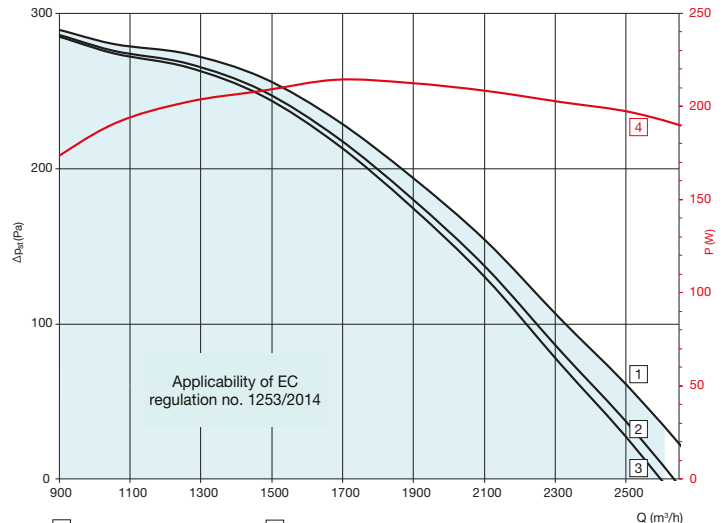
1 RMK (Pa)
2 RME (Pa)
3 RMW (Pa)
4 fan electric input – RMW/E/K (W)

RMW/E 1200/400 Ekonovent®



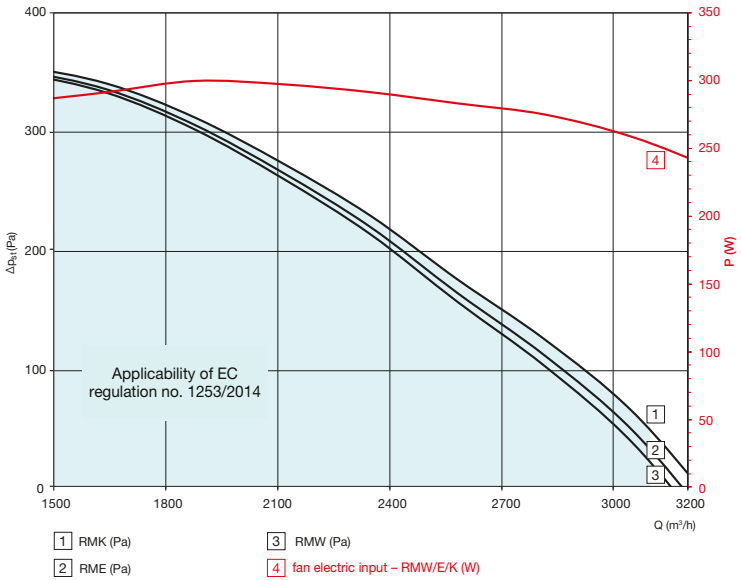
1 RMK (Pa)
2 RME (Pa)
3 RMW (Pa)
4 fan electric input – RMW/E/K (W)

RMW/E 2400 Ekonovent®



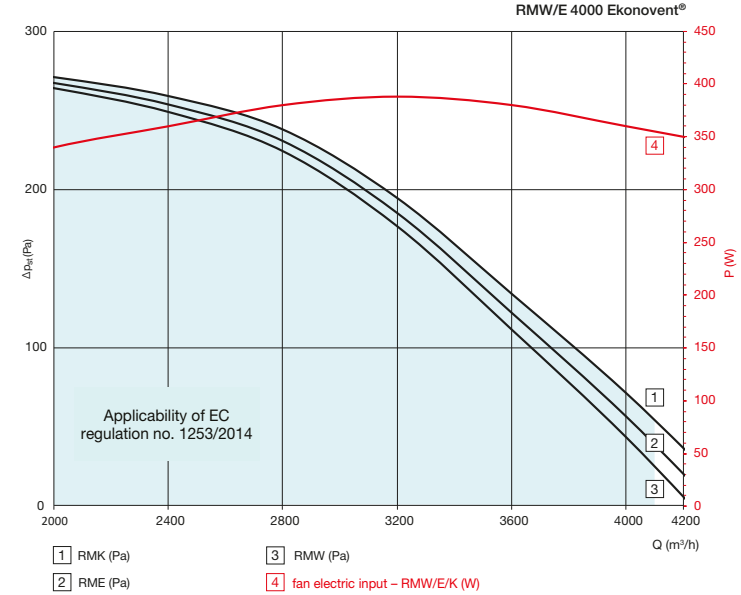
1 RMK (Pa)
2 RME (Pa)
3 RMW (Pa)
4 fan electric input – RMW/E/K (W)

RMW/E 3000 Ekonovent®

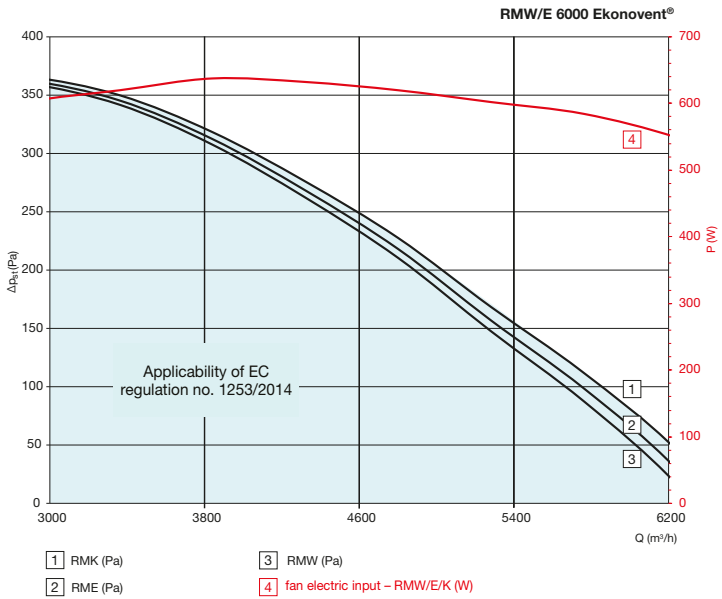


1 RMK (Pa)
2 RME (Pa)
3 RMW (Pa)
4 fan electric input – RMW/E/K (W)

RMW/E 4000 Ekonovent®



1 RMK (Pa)
2 RME (Pa)
3 RMW (Pa)
4 fan electric input – RMW/E/K (W)



Zubehör

MBW water heaters
connection size 200, 250, 315, 355, 400

MKW water coolers
connection size 200, 250, 315, 355, 400

MKF direct evaporators
connection size 200, 250, 315, 355, 400

IBW water heaters
connection size 700x400, 800x500, 1000x500, 1200x600

IKW water coolers
connection size 700x400, 800x500, 1000x500, 1200x600

IKF direct evaporators
connection size 700x400, 800x500, 1000x500, 1200x600

Tables of parameters of water and electric heaters:

Water heater for RMW 250/200 unit

Air flow (m³/h)	70	100	150	200	250
Outlet air temperature (°C)	57.8	53.3	47.6	43.3	39.9
Heater power (kW)	1.6	2.2	2.9	3.7	4.34
Water flow (m³/h)	0.07	0.1	0.13	0.16	0.19
Pressure loss at water side (kPa)	1	2	4	6	7
Values for air inlet temperature te = –12 °C and tw = 80/60 °C.					
Electric heater for RME 250/200 unit					
Heater power (kW)	-	-	2	2	2
Outlet air temperature (°C) at te = –12°C	-	-	27.6	17.7	11.8
Minimum air flow through the heater (m³/h)			150		

Water heater for RMW 500/250 unit

Air flow (m³/h)	200	250	300	400	500
Outlet air temperature (°C)	51.9	48.9	46.2	41.9	38.4
Heater power (kW)	4.3	5.1	5.9	7.2	8.4
Water flow (m³/h)	0.19	0.22	0.26	0.32	0.37
Pressure loss at water side (kPa)	2.5	3	4	4	5
Values for air inlet temperature te = –12 °C and tW = 80/60 °C.					
Electric heater for RME 500/250 unit					
Heater power (kW)	-	3	3	3	3
Outlet air temperature (°C) at te = –12°C	-	23.6	17.7	10.3	5.8
Minimum air flow through the heater (m³/h)			250		

Water heater for RMW 800/315 unit

Air flow (m³/h)	500	550	600	700	800
Outlet air temperature (°C)	46	44.6	43.2	40.9	38.8
Heater power (kW)	9.7	10.4	11.1	12.4	13.6
Water flow (m³/h)	0.43	0.46	0.49	0.54	0.6
Pressure loss at water side (kPa)	3	3	3	4	5
Values for air inlet temperature te = –12 °C and tW = 80/60 °C.					
Electric heater for RME 800/315 unit					
Heater power (kW)	5.4	5.4	5.4	5.4	5.4
Outlet air temperature (°C) at te = –12°C	20.1	17.2	14.7	10.9	8.0
Minimum air flow through the heater (m³/h)			500		

Water heater for RMW 900/355 unit

Air flow (m³/h)	500	600	700	800	900
Outlet air temperature (°C)	46	43.2	40.9	38.8	36.9
Heater power (kW)	9.7	11.1	12.4	13.6	14.8
Water flow (m³/h)	0.43	0.49	0.54	0.6	0.65
Pressure loss at water side (kPa)	3	3	4	5	6
Values for air inlet temperature te = –12 °C and tW = 80/60 °C.					
Electric heater for RME 900/355 unit					
Heater power (kW)	–	10.8	10.8	10.8	10.8
Outlet air temperature (°C) at te = –12°C	–	41.5	33.8	28.1	23.6
Minimum air flow through the heater (m³/h)			600		

Water heater for RMW 1200/400 unit

Air flow (m³/h)	800	900	1000	1100	1200
Outlet air temperature (°C)	45.6	43.8	42.2	40.7	39.9
Heater power (kW)	15.4	16.8	18.1	19.4	20.6
Water flow (m³/h)	0.68	0.74	0.8	0.85	0.91
Pressure loss at water side (kPa)	6	6	6	6	7
Values for air inlet temperature te = –12 °C and tW = 80/60 °C.					
Electric heater for RME 1200/400 unit					
Heater power (kW)	10.8	10.8	10.8	10.8	10.8
Outlet air temperature (°C) at te = –12°C	28.1	23.6	20.1	17.2	14.7
Minimum air flow through the heater (m³/h)			600		

Water heater for RMW 2400 unit

Air flow (m³/h)	1100	1500	2000	2200	2400
Outlet air temperature (°C)	44.5	39.7	35.2	33.7	32.3
Heater power (kW)	20.8	26	31.6	33.7	35.6
Water flow (m³/h)	0.91	1.14	1.39	1.48	1.56
Pressure loss at water side (kPa)	3	3	4	4	5
Values for air inlet temperature te = –12 °C and tW = 80/60 °C.					
Electric heater for RME 2400 unit					
Heater power (kW)	-	22.5	22.5	22.5	22.5
Outlet air temperature (°C) at te = –12°C	-	32.6	21.4	18.4	15.8
Minimum air flow through the heater (m³/h)			1400		

Water heater for RMW 3000 unit

Air flow (m³/h)	1600	2100	2400	2700	3000
Outlet air temperature (°C)	44.8	40.7	38.6	36.7	35
Heater power (kW)	30.5	37	40.6	44	47.2
Water flow (m³/h)	1.34	1.63	1.79	1.93	2.07
Pressure loss at water side (kPa)	3	3	4	4	5
Values for air inlet temperature te = –12 °C and tW = 80/60 °C.					
Electric heater for RME 3000 unit					
Heater power (kW)	30	30	30	30	30
Outlet air temperature (°C) at te = –12°C	43.7	30.4	25.1	21.0	17.7
Minimum air flow through the heater (m³/h)			1600		

Water heater for RMW 4000 unit

Air flow (m³/h)	2000	2500	3000	3500	4000
Outlet air temperature (°C)	45.5	42.1	39.2	36.7	34.6
Heater power (kW)	38.5	45.3	51.4	57.1	62.4
Water flow (m³/h)	1.69	1.99	2.26	2.51	2.74
Pressure loss at water side (kPa)	3	4	5	6	6
Values for air inlet temperature te = –12 °C and tW = 80/60 °C.					
Electric heater for RME 4000 unit					
Heater power (kW)	30	30	30	30	30
Outlet air temperature (°C) at te = –12°C	32.6	23.6	17.7	13.5	10.3
Minimum air flow through the heater (m³/h)			1800		

Water heater for RMW 6000 unit

Air flow (m³/h)	3000	4000	5000	5500	6000
Outlet air temperature (°C)	46.5	42.1	38.5	37	35.6
Heater power (kW)	58.8	72.5	84.6	90.2	95.6
Water flow (m³/h)	2.58	3.18	3.72	3.96	4.2
Pressure loss at water side (kPa)	6	6	8	9	9
Values for air inlet temperature te = –12 °C and tW = 80/60 °C.					
Electric heater for RME 6000 unit					
Heater power (kW)	45	45	45	45	45
Outlet air temperature (°C) at te = –12°C	32.6	21.4	14.7	12.3	10.3
Minimum air flow through the heater (m³/h)			2500		

Characteristics of inlet units (UVU) acc. to EC regulation no. 1253/2014:

unit type	Nominal air flow [m³/h]	$SFP_{int\ LIMIT\ 2018}$ [W/(m³/s)]	SFP_{int} [W/(m³/s)]	external pressure [Pa]
RMW/E 250/200	250	230	174	50
RMW/E 500/250	500	230	152	50
RMW/E 800/315	800	230	210	50
RMW/E 900/355	900	230	148	50
RMW/E 1200/400	1200	230	125	50
RMW/E 2400	2400	230	155	50
RMW/E 3000	3000	230	160	50
RMW/E 4000	4000	230	179	50
RMW/E 6000	6000	230	188	50

Acoustic power (pressure) level in octave ranges [db(A)]*

RMW/E 250/200 (for Q = 250 m³/h and n = 2791min⁻¹, U = 8,6 V)

	Hz	63	125	250	500	1000	2000	4000	8000	L_{WA}
L_W	suction	31	42	52	53	58	60	55	45	64
	discharge	31	42	55	56	60	66	61	46	68
L_P	environment (1 m)*	14	28	38	30	25	25	14	4	39

RMW/E 500/250 (for Q = 500 m³/h and n = 2850 min⁻¹, U = 9,1 V)

	Hz	63	125	250	500	1000	2000	4000	8000	L_{WA}
L_W	suction	37	49	60	63	66	66	65	55	72
	discharge	40	48	61	63	68	72	69	58	75
L_P	environment (1 m)*	23	34	44	37	33	31	22	7	46

RMW/E 800/315 (for Q = 800 m³/h and n = 2730 min⁻¹, U = 9,4 V)

	Hz	63	125	250	500	1000	2000	4000	8000	L_{WA}
L_W	suction	36	48	59	63	67	68	66	64	73
	discharge	38	50	61	64	72	75	70	66	78
L_P	environment (1 m)*	21	36	44	38	37	34	23	15	46

RMW/E 900/355 (for Q = 900 m³/h and n = 2395 min⁻¹, U = 7,1 V)

	Hz	63	125	250	500	1000	2000	4000	8000	L_{WA}
L_W	suction	31	46	53	58	62	61	65	56	69
	discharge	37	46	58	61	67	68	66	56	72
L_P	environment (1 m)*	20	32	41	35	32	27	19	5	43

RMW/E 1200/400 (for Q = 1200 m³/h and n = 2045 min⁻¹, U = 7,5 V)

	Hz	63	125	250	500	1000	2000	4000	8000	L_{WA}
L_W	suction	36	52	60	66	65	61	60	54	70
	discharge	36	53	62	67	70	70	63	59	75
L_P	environment (1 m)*	19	39	45	41	35	29	16	8	48

RMW/E 2400 (for Q = 2400 m³/h and n = 1270 min⁻¹, U = 8,4 V)

	Hz	63	125	250	500	1000	2000	4000	8000	L_{WA}
L_W	suction	36	53	56	62	62	67	62	50	70
	discharge	39	59	63	67	70	70	66	55	75
L_P	environment (1 m)*	22	45	46	41	35	29	19	4	49

RMW/E 3000 (for Q = 3000 m³/h and n = 1420 min⁻¹, U = 9,4 V)

	Hz	63	125	250	500	1000	2000	4000	8000	L_{WA}
L_W	suction	39	56	59	64	64	70	65	52	73
	discharge	41	62	66	71	73	73	69	57	78
L_P	environment (1 m)*	24	48	49	45	38	32	22	6	53

RMW/E 4000 (for Q = 4000 m³/h and n = 1480 min⁻¹, U = 10 V)

	Hz	63	125	250	500	1000	2000	4000	8000	L_{WA}
L_W	suction	54	57	59	54	65	67	57	47	70
	discharge	45	63	66	69	72	70	61	51	76
L_P	environment (1 m)*	28	49	49	43	37	29	14	2	53

RMW/E 6000 (for Q = 6000 m³/h and n = 1480 min⁻¹, U = 10 V)

	Hz	63	125	250	500	1000	2000	4000	8000	L_{WA}
L_W	suction	43	60	63	68	68	74	69	56	77
	discharge	45	66	70	75	77	77	73	61	82
L_P	environment (1 m)*	28	52	53	49	42	36	26	10	57

* At distance of 1 m and case attenuation D_e.