



MDV BLUE

Roof fan

Roof fan with centrifugal fan.
Air displacement 300 to 15,000 m³/h.



For more information, downloads
and videos, visit the MDV Blue
page on our website



Sustainable and efficient air extraction

The Mark MDV BLUE roof fan is suitable for extracting air from buildings and features the latest developments in the field of fans, including the efficient EC technology. This guarantees a very low power consumption combined with excellent performance.

The MDV BLUE roof fan is available in various sizes and air displacements varying from 300 m³/h to 15.000 m³/h. The unit is supplied with a radial fan. The casing is made of sendzimir plate.

The MDV BLUE can be used in factories, welding areas, offices and supermarkets.

Optional

- Aluminum casing seawater resistant AlMg3
- Controls: i.a. constant pressure, 0-10V, presence control, CO₂ control, humidity control and temperature control.

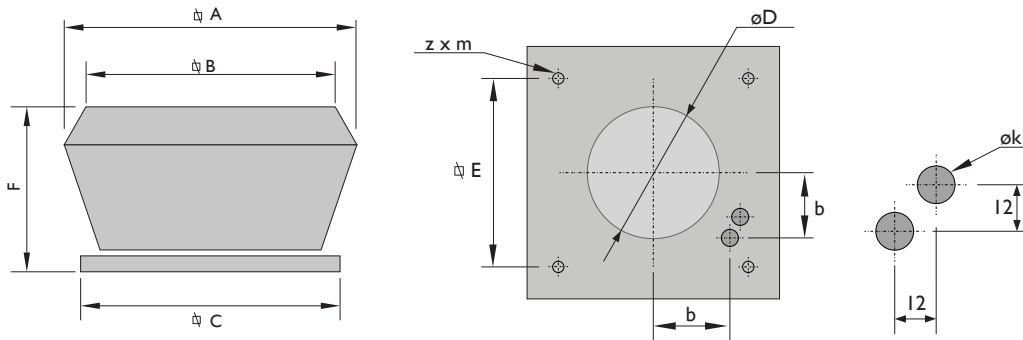
Product features

- Sharp pricing
- EC technology
- Reliable
- High efficiency
- Meets EU 1253/2018
- 300 m³/h to 15.000 m³/h
- Low maintenance
- Good chemical resistance
- Complete BMS integration possible



Remote connection possible with the PinTherm Connect!

Dimensions

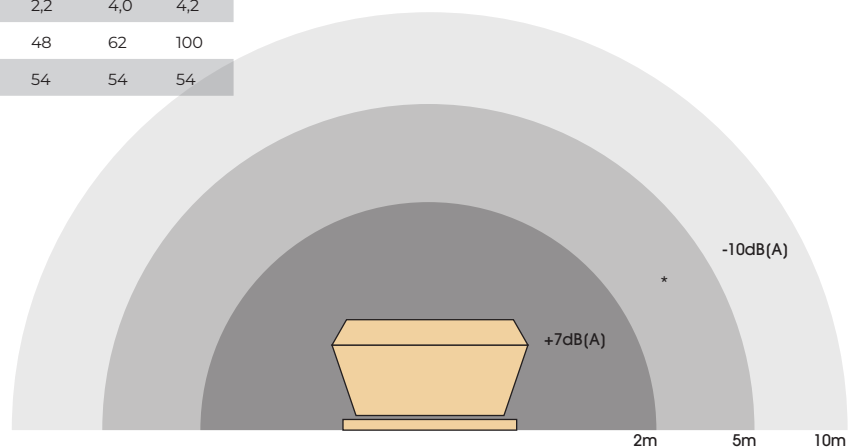


Type	A	B	C	D	E	F	b	z x m	$\varnothing k$
MDV Blue 225	514	430	435	200	330	277	115	4 x $\varnothing 9$	20
MDV Blue 355	715	590	595	290	450	365	160	4 x $\varnothing 12$	20
MDV Blue 400	715	590	595	365	450	365	160	4 x $\varnothing 12$	20
MDV Blue 450	880	660	665	410	535	480	220	4 x $\varnothing 12$	20
MDV Blue 500	870	720	723	450	590	480	245	4 x $\varnothing 12$	20
MDV Blue 630	1135	935	939	550	750	570	260	4 x $\varnothing 12$	20

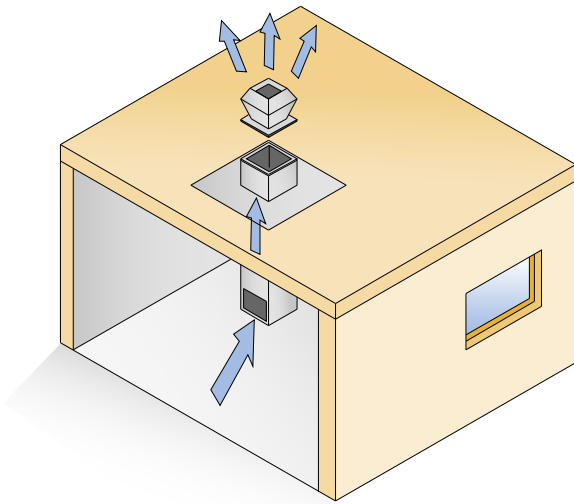
Technical information

MDV Blue		225	355	400	450EC	500	630
Supply voltage (50Hz)	V	230	230	230	230	400	400
Nominal air flow	m ³ /s	0,25	0,56	1,16	1,39	2,50	3,89
Nominal power consumption	kW	0,07	0,15	0,26	0,32	0,82	1,40
SFP nominal	W/m ³ /s	277	275	228	199	330	362
Nominal air velocity	m/s	6,69	13,37	16,73	18,73	23,77	24,03
Nominal pressure	Pa	72	105	120	120	142	178
Stat. efficiency fan	%	26,0	38,2	52,7	60,4	43,1	49,2
Noise level (5m)*	dB(A)	63	65	63	67	72	72
Maximum air flow	m ³ /h	1200	3150	4300	5300	10750	15000
Consumed current	A	1,4	2,2	3,0	2,2	4,0	4,2
Weight	kg	16	32	35	48	62	100
Protection class	IP	54	54	54	54	54	54

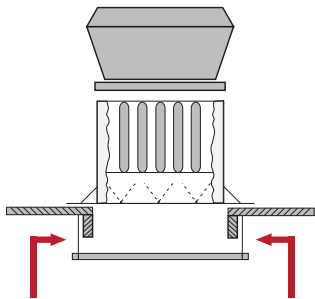
Thermal efficiency: Not applicable
 HRS: None
 Category: NRVU
 Operating temperature: -20 / +60 °C



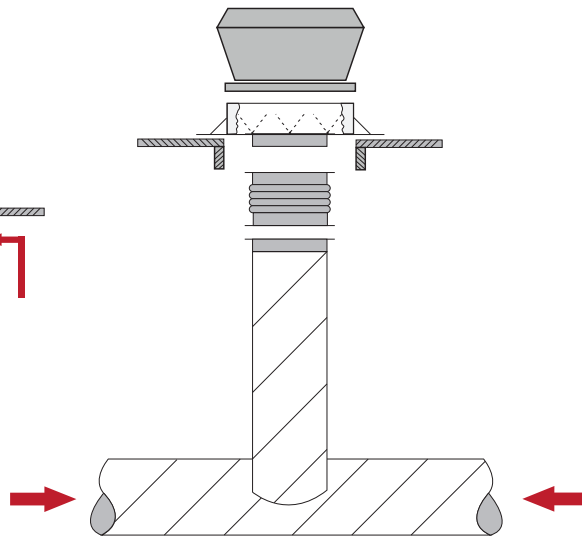
Assembly/location suggestions



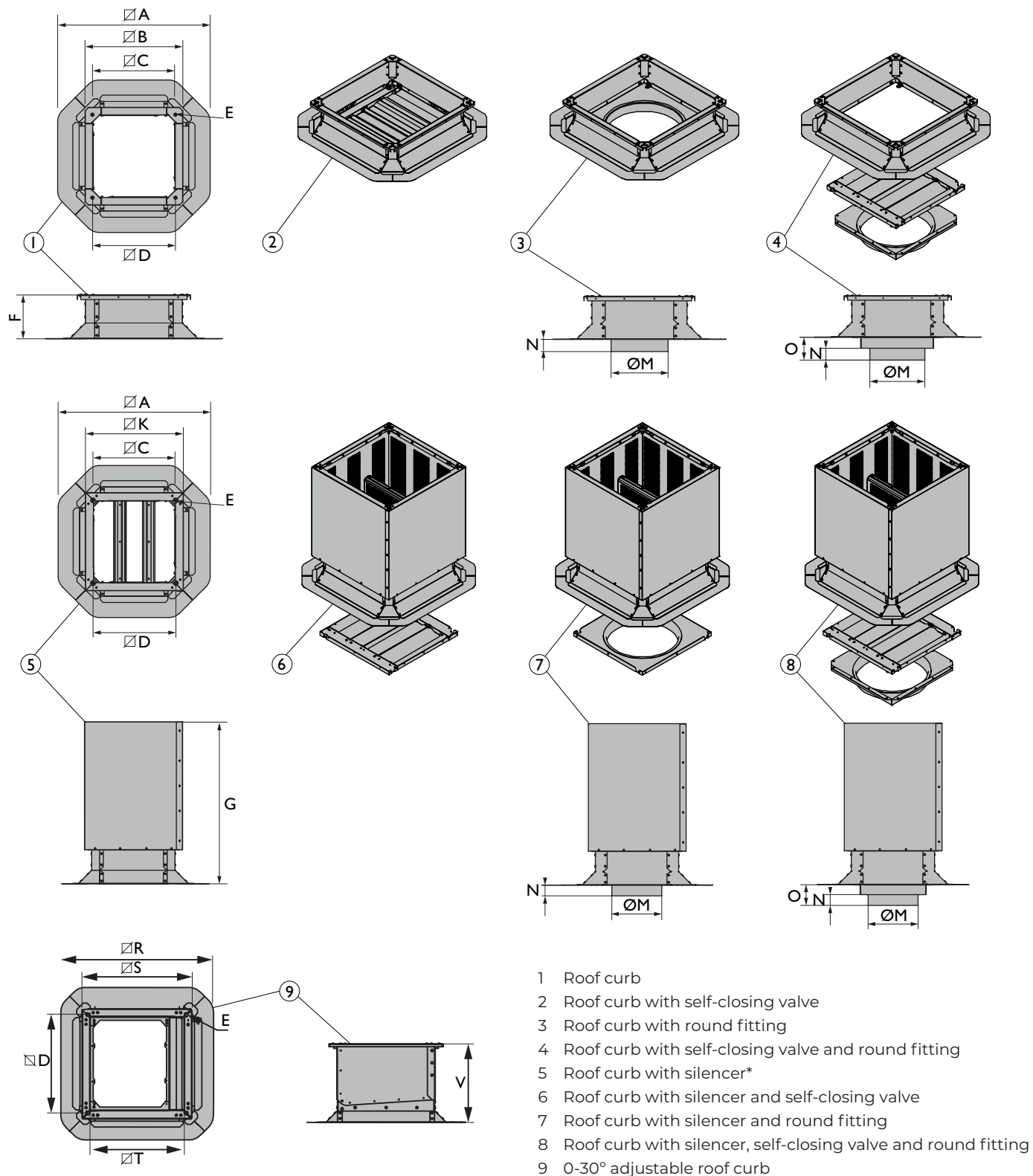
MDV with sound absorbing plate



MDV with duct connection



Accessoires - additional sections



* silencer is also available separately, price on request.
attenuation value 9 dB(A)

Dimensions (mm) belonging to previous page

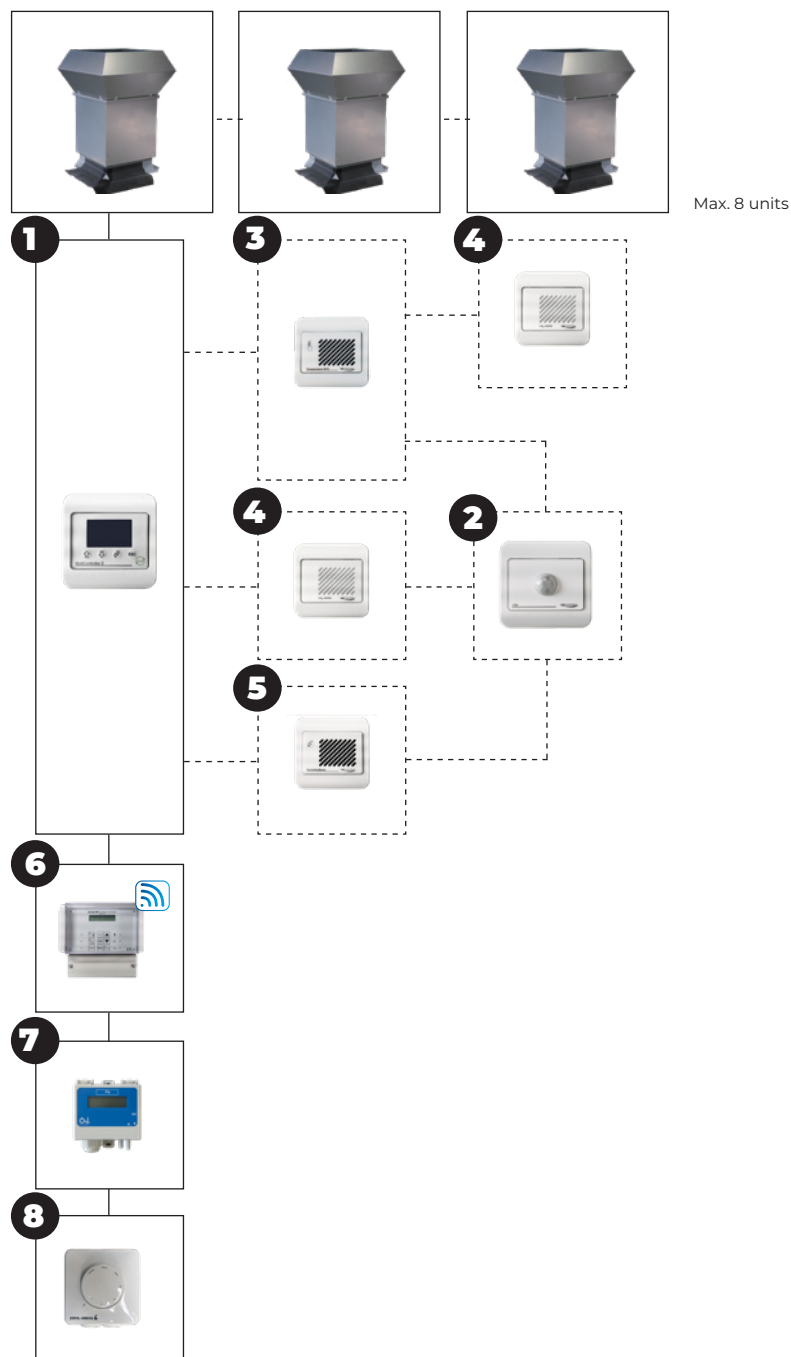
Type	A	B	C	D	E	F	G	K	M	N	O	R	S	T	V
225	610	390	328	320	M8	150	648	392	200	43	83	515	372	312	255
355/400	728	510	448	450	M10	150	733	514	355	53	93	635	490	431	316
450	815	600	533	530	M10	150	733	598	400	53	93	720	575	516	372
500	870	650	588	585	M10	150	698	656	450	53	93	775	630	571	372
630	1030	810	748	745	M10	150	698	816	600	63	103	934	790	731	341

Weights (kg)

Type	225	355/400	450	500	630
Roof curb	6,3	8,4	9,9	10,9	13,7
Roof curb with self-closing valve	7,6	10,4	12,5	13,8	18,2
Roof curb with round fitting	7,8	10,4	12,7	14,0	18,1
Roof curb with self-closing valve and round fitting	8,4	11,0	14,2	15,8	21,1
Roof curb with silencer	19,6	29,2	33,1	37,4	46,6
Roof curb with silencer and self-closing valve	20,8	31,1	35,7	40,3	51,2
Roof curb with silencer and round fitting	21,1	31,2	35,8	40,6	51
Roof curb with silencer, self-closing valve and round fitting	21,7	32,3	37,4	42,3	54,1
0-30° adjustable roof curb	6,6	10	13,5	15	18

Controls

MDV Blue EC



Control combination options EC

MDV Blue + **1**

MDV Blue + **1** + **3**

MDV Blue + **1** + **4**

MDV Blue + **1** + **5**

MDV Blue + **1** + **3** + **4**

MDV Blue + **1** + **3** + **2**

MDV Blue + **1** + **4** + **2**

MDV Blue + **1** + **5** + **2**

MDV Blue + **6**

MDV Blue + **7**

MDV Blue + **8**

See price list for description and code numbers of the relevant items