

A_PRE A_MRE

Heat recovery unit for residential use with very high efficiency



mod. A_PRE

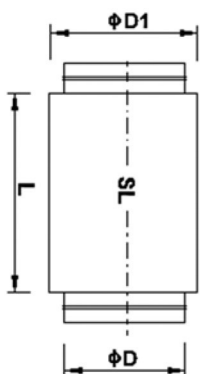


mod. A_MRE

Model	Air flow m ³ /h	Winter regime efficiency	Code	€
A_PRE 150	120	92%	75801801	2.310,00
A_PRE 280	240	90%	75801802	2.640,00
A_MRE 150	120	92%	75801803	2.680,00
A_MRE 280	250	90%	75801804	2.970,00
A_MRE 350	330	90%	75801805	3.060,00
A_MRE 450	420	90%	75801806	3.730,00

Circular channel silencer

Made of galvanized steel and internally lined with mineral wool and perforated sheet. Insulation thickness 25 mm.



Model A_PRE - A_MRE	D mm	D1 mm	L mm
150 - 280	125	180	500
350	160	200	500
450	200	250	500

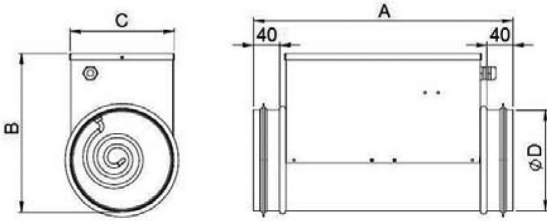
	Code	€
150/280 silencer	75800830	90,00
350 silencer	75800831	102,00
450 silencer	75800832	214,00

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Section of PRE and POST electric heating

Single-phase armored element (230V/1/50Hz) complete with safety thermostat and control relay, inserted in a casing of galvanized sheet for external application.



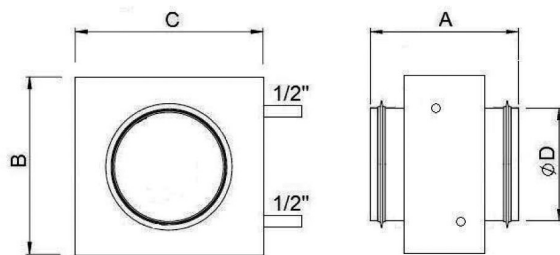
Model A_PRE - A_MRE	A mm	B mm	C mm	D mm	Power W
150 - 280	400	217	125	121	500
350	400	245	161	156	1000
450	400	289	200	196	1500

	Code	€
Electric heating 150/280	75800810	478,00
Electric heating 350	75800811	580,00
Electric heating 450	75800812	594,00

Channel water coil for summer and winter air conditioning

Two-row finned tube coil enclosed between galvanized sheet elements with circular adapters in the air intakes, for application external at the ambient air recovery as preheater or at the intake connection as reheat. It is activated by water valve kit with ON-OFF actuator.

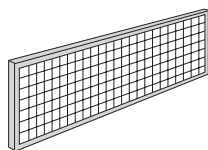
Model	A	B	C	D	P. Thermal 45/40 °C	P. Thermal 45/40 °C	P. Cooling 15/20 °C	P. Cooling 7/12 °C
	mm	mm	mm	mm	Pre-heater W	Post-heater W	Post-cooler W	Post-cooler W
A_PRE 150	200	240	260	125	300	370	150	320
A_PRE 280	200	240	260	125	480	580	210	440
A_MRE 150	200	240	260	125	300	370	150	320
A_MRE 280	200	240	260	125	480	580	210	440
A_MRE 350	200	240	260	160	810	970	250	540
A_MRE 450	240	240	260	200	1200	1280	290	630



	Code	€
Water battery 150	75800820	384,00
Water battery 280	75800821	416,00
Water battery 150 V	75800822	342,00
Water battery 280 V	75800823	384,00
Water battery 350 V	75800824	454,00
Water battery 450 V	75800825	476,00

Compact filter F7

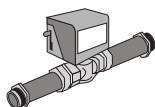
Composed of a polypropylene composite paper filter media and a galvanized steel frame, able to strongly limit the losses of load, allowing a significant energy saving compared to traditional filters of equal efficiency.



	Code	€
Filter F7 150	75800850	74,00
Filter F7 280	75800851	100,00
Filter F7 350	75800852	110,00
Filter F7 450	78008503	128,00

Water valve kit with ON-OFF actuator

The valve kit allows the ON - OFF regulation of the water coil of PRE and POST heating and consists of a valve a 2-way, an ON-OFF servomotor and the hydraulic fittings necessary for assembly

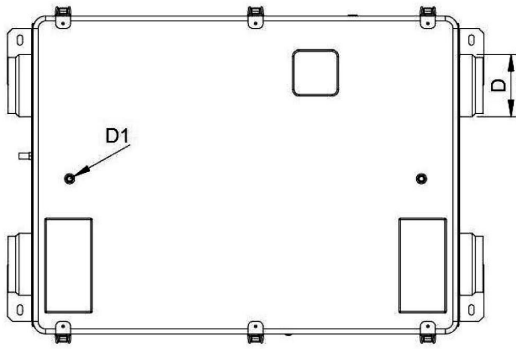


	Code	€
	75800840	364,00

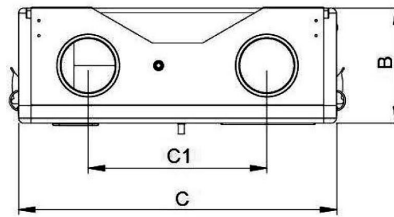
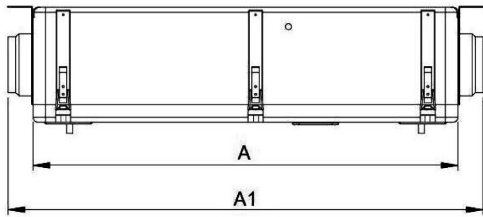
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Dimensions A_PRE 150 - 280

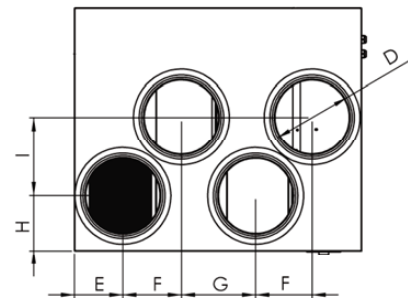
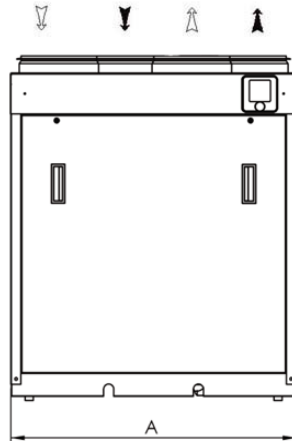
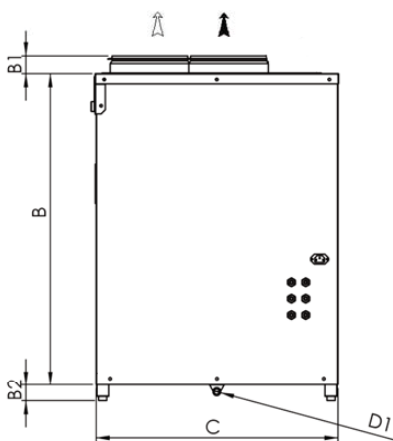


Model	U.M.	150	280
A	mm	874	874
A1	mm	972	972
B	mm	240	300
C	mm	655	655
C1	mm	360	360
D	mm	125	125
D1	mm	16	16
Weight	Kg	12	17



← Expelled air ➤ Renewal air

Dimensions A_MRE 150 - 280 - 350 - 450



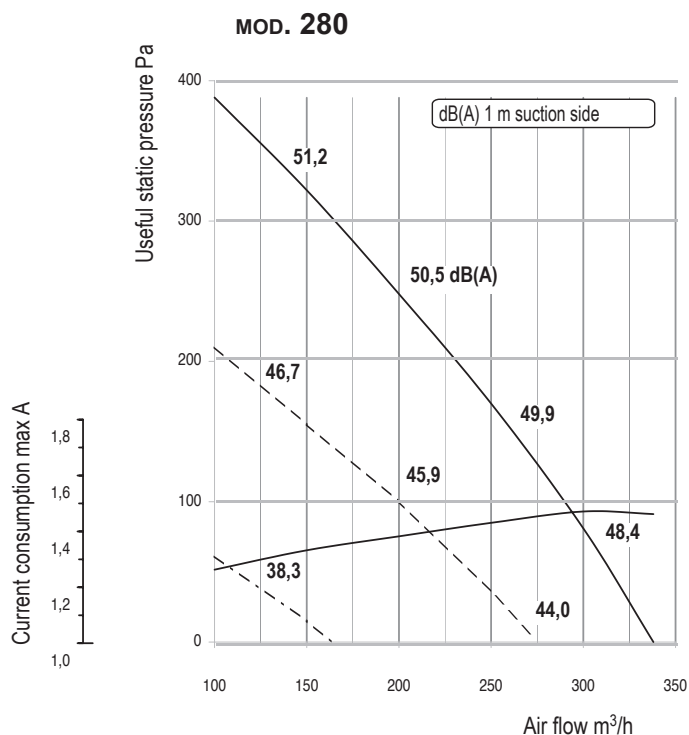
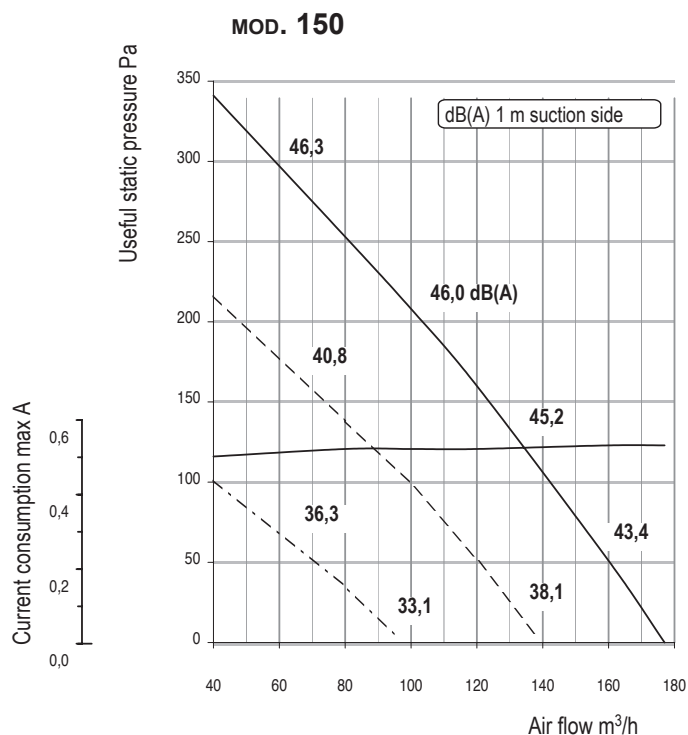
← Expelled air ➤ Renewal air

Model	U.M.	150	280	350	450
A	mm	704	704	704	704
B	mm	760	760	760	760
B1	mm	40	40	40	40
B2	mm	52	52	52	52
C	mm	240	340	470	590
C1	mm	270	370	500	620
D	mm	125	125	160	200
D1	mm	16	16	16	16
E	mm	86	86	100	117
F	mm	175	175	161	144
G	mm	182	182	182	182
H	mm	130	169	119	136
I	mm	0	0	115	193
Weight	Kg	33	38	45	53

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Useful static flow / pressure curves A_PRE 150 - 280



Technical data A_PRE A_MRE

Model	U.M.	A_PRE 150	A_PRE 280	A_MRE 150	A_MRE 280	A_MRE 350	A_MRE 450
Air flow rate max	m ³ /h	120	240	120	250	330	420
Nominal air flow rate	m ³ /h	100	200	100	200	300	400
Nominal static pressure	Pa	150	170	150	170	230	210
Sound pressure level (1)	dB(A)	51	55	51	55	58	50
Operating limits	°C	-15 ÷ 45					

FANS

Power supply		230V/1/50Hz					
Current consumption max	A	0,52	1,50	0,52	1,50	1,50	1,50
Absorbed power max	W	54	170	54	170	170	170
Degree of protection		IP 54					
Speed number		Adjustable > 3					

HEAT RECOVERY

Winter regime (2)							
Efficiency	%	92,1	90,0	92,1	90,0	90,0	90,0
Air entered	°C / %	18,0 / 16	17,4 / 17	18,0 / 16	17,4 / 17	17,5 / 17	17,5 / 17
Summer scheme (3)							
Efficiency	%	87,5	83,9	87,5	83,9	83,5	83,9
Air entered	°C / %	26,8 / 68	27,0 / 67	26,8 / 68	27,0 / 67	27,0 / 67	26,9 / 67

- (1) Values referred to 1 meter from the unit in the inlet line to the nominal air flow; the operating noise level differs generally from the values indicated according to the operating conditions, the reflected noise and the peripheral noise
 (2) Nominal winter conditions: outdoor air -5 °C, RH 80%, ambient air 20 °C, RH 50%
 (3) Summer nominal conditions: external air 32 °C, RH 50%, ambient air 26 °C, RH 50%