

AIRMASTER

Balanced
and healthy
indoor climate



AM 50

AM50

balanced ventilation

Installing ventilation in individual rooms can be an advantage - especially in rooms that may be damp, contaminated or heat-laden. This could be cellars, toilets, small storage rooms or small offices where a healthy indoor climate is needed. This is where AM 50 can help with *balanced ventilation*.



AM 50 air handling unit

The AM 50 is a small and compact unit with a rotary heat exchanger that ensures high heat recovery and continuous, balanced air exchange in the rooms in which it is installed. By controlling the rotational speed of the rotor, heat recovery, bypass and moisture removal potential can be controlled.

Avoid the room drying out

The rotary exchanger helps prevent the air in the room from drying out at low outside temperatures, as a small amount of the moisture in the air will be returned to the inlet air. The unit is also controlled by a temperature and humidity sensor, which can be controlled via 6 steps.

Easy to install

The AM 50 requires no ducting, installs directly into the facade in a few hours, saves the installer extra work and is Plug'n'Play.

Energy efficient

The unit has a low energy level and more than 80% heat recovery.

Simple servicing and cleaning

The unit's filter is simple and easy to change and requires minimal maintenance.

Automatic ventilation

The AM 50 has continuous and automatic regulation of humidity and temperature levels.

Simple operation

The unit has one button. The button is used to start and stop and to select the ventilation level.



High
heat recovery
and balanced
air change





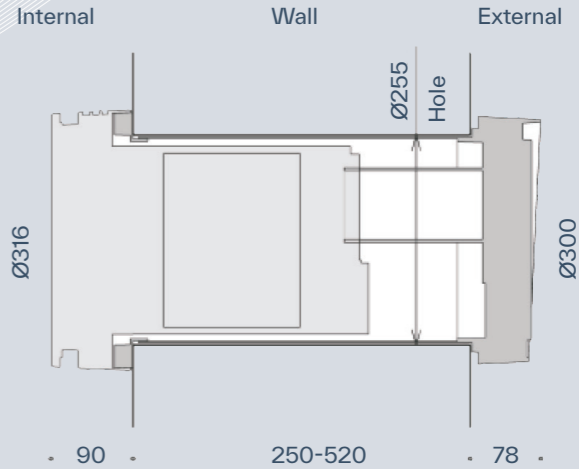
Energy *efficient,*
easy to install
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Technical data

Technical data	Step	Capacity [m³/h]	Sound pressure [dB(A)]
Maximum capacity	1	15	25
	2	21	30
	3	28	35
	4	37	40
	5	46	45
	6	54	47
Supply air filter	ISO ePM ₁₀ 50%		
Extract air filter	ISO ePM ₁₀ 50%		
Dimensions; indoo /in wall/outdoor/length (see picture below)	Ø316 mm / Ø255 mm / Ø300 mm / 250-520 mm		
Wall thickness	250-520 mm		
Weight	9,1 kg		
Colour, internal lid	RAL 9016 (white)		
Colour, outside hood	RAL 7001 (grey)		
Energy class, cf. EU regulation no. 1254/2014	SEC class B		
IP code; indoor / outdoor	30/34		
Temperature efficiency at step 1/2/3/4/5/6 acc. to EN 13141-8:2022	96% / 92% / 88% / 85% / 81% / 79%		
Supply voltage	230 V + N + PE/50 Hz		
Nominal power consumption at step 1/2/3/4/5/6	10 W / 11 W / 11 W / 12 W / 16 W / 25 W		
Nominal current at step 1/2/3/4/5/6	0,05 A / 0,06 A / 0,08 A / 0,10 A / 0,13 A / 0,17 A		
Power factor	0,55		
Power cable	3×0,75 mm²		
Leakage current AC / DC	≤ 1,20 mA / ≤ 0,000 mA		

Standards and options

Rotary heat exchanger w. built-in bypass functionality	x
Operating button	x
LED (operating mode indicator)	x
Electronic humidity sensor (built-in)	x





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