### AIRMASTER

# Balanced and healthy indoor climate



## AM50 *balanced* ventilation

Installing ventilation in individual rooms can be an advantage - especially in rooms that may be damp, contaminated or heatladen. This could be cellars, toilets, small storage rooms or small offices where a healthy indoor climate is needed. This is where AMI 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.

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## High heat recovery and balanced air change



## **Technical data**

# Energy contractions to install and simple

Supply air filter	
Extract air filter	
Dimensions; indoo /in v	wall/outdoor/length (see picture below)
Wall thickness	
Weight	
Colour, internal lid	
Colour, outside hood	
Energy class, cf. EU reg	gulation no. 1254/2014
IP code; indoor / outdo	or
Temperature efficiency	/ at step 1/2/3/4/5/6 acc. to EN 13141-8:2022
Supply voltage	
Nominal power consun	nption at step 1/2/3/4/5/6
Nominal current at step	o 1/2/3/4/5/6
Power factor	
Power cable	
Leakage current AC / D	

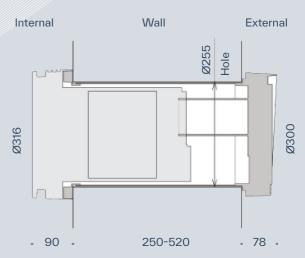
#### Standards and options

**Technical data** 

Maximum capacity

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

Step	Capacity [m³/h]	Sound pressure [dB(A)]	
1	15	25	
2	21	30	
3	28	35	
4	37	40	
5	46	45	
6	59	50	
ISO ePN	1 <sub>10</sub> 50%		
ISO ePM <sub>10</sub> 50%			
Ø316 mm / Ø255 mm / Ø300 mm / 250-520 mm			
250-520 mm			
9,1 kg			
RAL 9016 (white)			
RAL 7001 (grey)			
SEC clas	SEC class B		
30/34			
96% / 92% / 88% / 85% / 81% / 78%			
230 V + N + PE/50 Hz			
10 W / 11 W / 11 W / 12 W / 16 W / 34 W			
0,05 A / 0,06 A / 0,08 A /0,10 A / 0,13 A / 0,19 A			
0,55			
3×0,75 mm <sup>2</sup>			
≤ 1,20 mA / ≤ 0,000 mA			



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