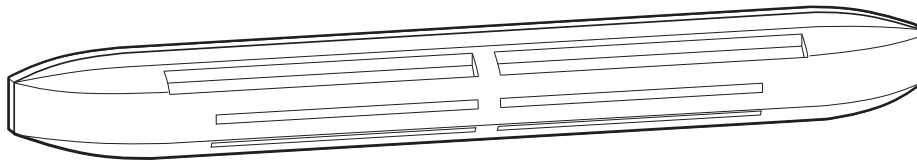
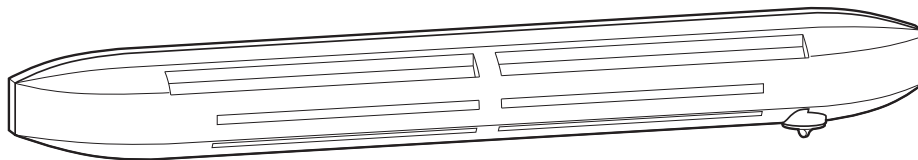


Window ventilator with humidity control



Illustrative figure



Application

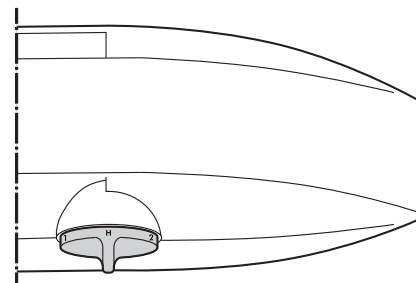
- Suitable for timber, PVC and aluminium windows and patio doors
- For installation at the top in the horizontal profile area
- During installation, ensure that the air ducts are kept free so that the ventilator will be able to fulfil its function. We recommend performing window system testing.
- Further information concerning the intended use can be found in the assembly instructions (H39.FENS003EN).

Function

- The AEROMAT midi HY is a passive, demand-based window ventilator for the ventilation of closed rooms that works by equalising pressure between indoor and outdoor air (pressure differential principle).
- The control of the supply air inlet is dependent on the relative humidity.
 - Multilayer fabric belts react to any changes in the relative humidity by expanding or contracting. This movement changes the supply air inlet via a control mechanism.

Unit properties

- AEROMAT midi HY: Humidity control
- AEROMAT midi HY 42 dB: Humidity control and sound absorption
- In the AEROMAT midi HY version with 3 functions, the ventilator is also fitted with a rotary switch for setting the following functions:
 - Closure locked whilst maintaining the minimum ventilation (1)
 - Control based on the air humidity (H)
 - Locked at maximum air flow rate (2)

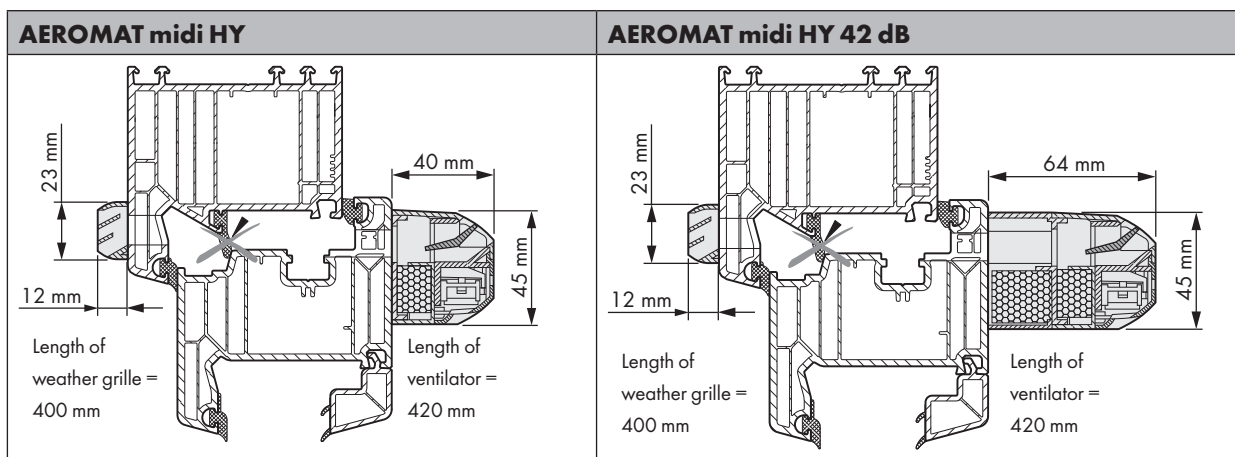


Technical specifications

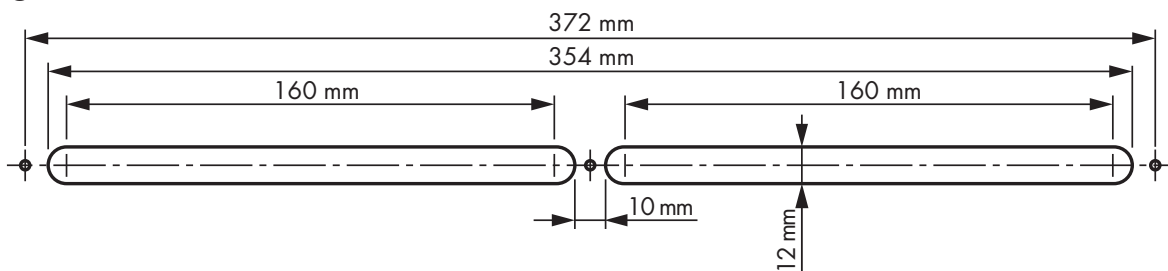
Specifications for an AEROMAT midi HY / midi HY 42 dB		
Suitable window materials	PVC, timber or aluminium	
Installation on	Window sash and window frame	
Material	PVC	
Air volume ¹⁾ (c.) at	2 Pa 4 Pa 5 Pa 8 Pa 10 Pa	2 - 14 m ³ /h 3 - 20 m ³ /h 3 - 23 m ³ /h 4 - 29 m ³ /h 4 - 32 m ³ /h
Example of humidity control with a pressure differential of 10 Pa		
Standard sound level difference D _{n,e,w}	AEROMAT midi HY AEROMAT midi HY 42 dB	38 dB 42 dB

¹⁾ Measured independently of profile and hardware

Installation options



Milling dimensions



Ordering information

Material description	Colour	Packaging unit	Material number
AEROMAT midi HY	White (similar to RAL 9016)	5 units	L4210320-004121
	Black (similar to RAL 9011)	5 units	L4210330-023121
	Grey (similar to RAL 7035)	5 units	L4210340-028121
	Brown (similar to RAL 8003)	5 units	L4210350-011121
	Special colour*	5 units	L4210370-0V0010
AEROMAT midi HY 42 dB	White (similar to RAL 9016)	5 units	L4210420-004121
	Black (similar to RAL 9011)	5 units	L4210430-023121
	Grey (similar to RAL 7035)	5 units	L4210440-028121
	Brown (similar to RAL 8003)	5 units	L4210450-011121
	Special colour*	5 units	L4210470-0V0010
AEROMAT midi HY with 3 functions	White (similar to RAL 9016)	5 units	L4210620-004120
	Black (similar to RAL 9011)	5 units	L4210630-023120
	Grey (similar to RAL 7035)	5 units	L4210640-028120
	Brown (similar to RAL 8003)	5 units	L4210650-011120
	Special colour*	5 units	L4210655-0V0120
AEROMAT midi HY 42 dB with 3 functions	White (similar to RAL 9016)	5 units	L4210660-004120
	Black (similar to RAL 9011)	5 units	L4210670-023120
	Grey (similar to RAL 7035)	5 units	L4210680-028120
	Brown (similar to RAL 8003)	5 units	L4210690-011120
	Special colour*	5 units	L4210700-0V0120

Accessories

Material description	Colour	Packaging unit	Material number
Duct set	White (similar to RAL 9016)	5 units	L4210810-004120
Flat outer panel	White (similar to RAL 9016)	5 units	L4210710-004120
	Black (similar to RAL 9011)	5 units	L4210720-023120
	Grey (similar to RAL 7035)	5 units	L4210730-028120
	Brown (similar to RAL 8003)	5 units	L4210740-011120
	Special colour*	5 units	L4210750-0V0120
Flat outer panel ALU	White (similar to RAL 9016)	5 units	L4210760-504120
	Metallic	5 units	L4210760-5F9120
	Black (similar to RAL 9011)	5 units	L4210760-523120
	Anodised	5 units	L4210770-524120
	Special colour*	5 units	L4210780-5V0120
Plastering strip for roller shutter installation		5 units	L4210460-004120

* Special colour similar to RAL 1011, RAL 1013, RAL 7011, RAL 7016, RAL 8004, RAL 8019, RAL 8024
min. purchase volume 4 packaging units = 20 pieces

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