

TwinFresh Atmo mini M

TwinFresh Atmo M – is a brand new dMVHR solutions for newbuild and retrofit single-room applications, offer efficient and cost-effective ventilation

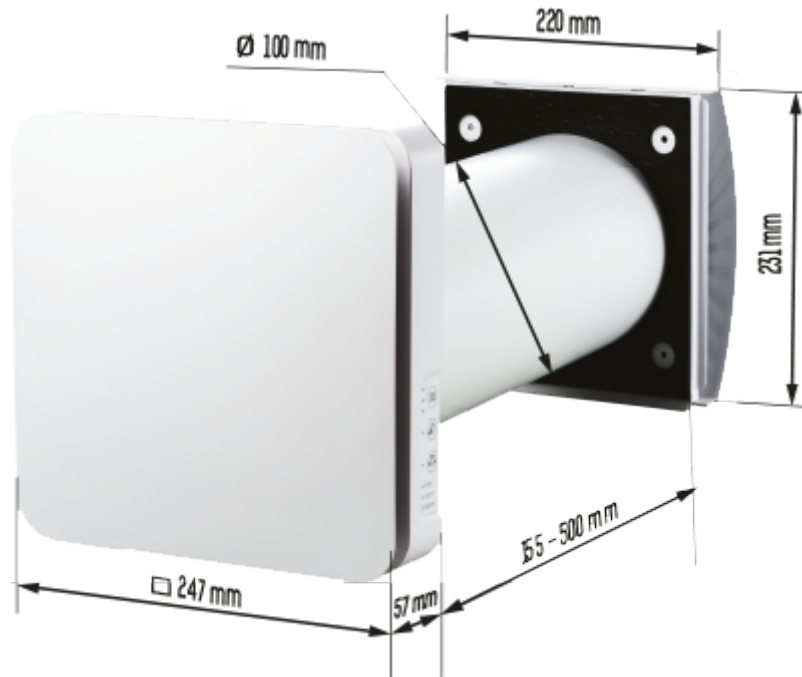


- Air flow in heat recovery mode: 13
- Sound pressure level LpA at 3 m: 23
- Sound pressure level LpA at 1 m: 33
- Filter: ISO Coarse > 50 % (G3) (ISO Coarse > 60 % (G4), ISO ePM1 60 % (F7) optional)
- Sound insulation
- Motor type: DC
- Control: Built-in control panel
- Humidity sensor

	Unit of measurement	TwinFresh Atmo mini M		
Connected air duct size	mm	100		
Speed	-	3		
Phases	-	1		
Minimum supply voltage	V	100		
Maximum supply voltage	V	240		
Power supply frequency	Hz	50/60		
Rated power	W	1.0	1.6	3.0
Unit current	A	0.02	0.03	0.04
Air flow in ventilation mode	m ³ /h	8	16	25
Air flow in heat recovery mode	m ³ /h	4	8	13
Sound pressure level LpA at 3 m	dB(A)	10	16	23
Sound pressure level LpA at 1 m	dB(A)	20	26	33
Heat recovery efficiency, max	%	81		
Heat exchanger material	-	Ceramic		
Filter	-	ISO Coarse > 50 % (G3) (ISO Coarse > 60 % (G4), ISO ePM1 60 % (F7) optional)		
Transported air temperature (max)	°C	40		
Transported air temperature (min)	°C	-15		
Ambient air temperature min	°C	1		
Ambient air temperature max	°C	40		







Ambient air humidity max	%	65
Ingress protection rating	-	IP24








Dimensions









Accessories

Plastic

Name	Photo	Description
EH-14 white 100		Plastic outer hood
EH-14 black 100		Plastic outer hood
EH-14 grey 100		Plastic outer hood
EH-14 terracotta 100		Plastic outer hood
EH-14 brown 100		Plastic outer hood
EH-14 beige 100		Plastic outer hood

EH-14 chrome 100		Plastic outer hood
EH-17 white 100		Plastic outer hood
EH-17 black 100		Plastic outer hood
EH-17 grey 100		Plastic outer hood
EH-17 terracotta 100		Plastic outer hood
EH-17 brown 100		Plastic outer hood
EH-17 beige 100		Plastic outer hood

Other accessories

Name	Photo	Description
EH-2 grey 100		Outer hood for thin walls
EH-2 chrome 100		Outer hood for thin walls
NP white 100		Angular mounting kit
NP chrome 100		Angular mounting kit
RC TwinFresh Atmo		Remote control
SFC3 TwinFresh G3		G3 filter kit (2 pcs.)

Flat duct

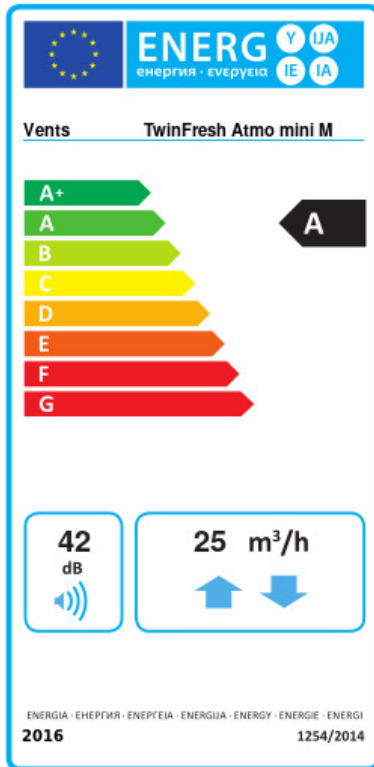
Name	Photo	Description
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Wall mounting

Ecodesign



Trademark	Vents					
Model	TwinFresh Atmo mini M					
Specific energy consumption (SEC) (kWh/(m ² /a))	Cold		Average		Warm	
	-81.5	A+	-40.9	A	-17.7	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Regenerative					
Thermal efficiency of heat recovery (%)	71					
Maximum flow rate (m ³ /h)	25					
Electric power input (W)	3					
Reference flow rate (m ³ /s)	0.004					
Specific power input (SPI) (W/(m ³ /h))	0.1					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.7					
Mixing rate (%)	1					
Airflow sensitivity at +20 Pa and -20 Pa (%)	0					
The indoor/outdoor air tightness (m ³ /h)	0					
Declared typology	RVU BVU					
Sound power level (dB(A))	37					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	190		190		190	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	8294		4240		1917	