

TwinFresh Atmo M



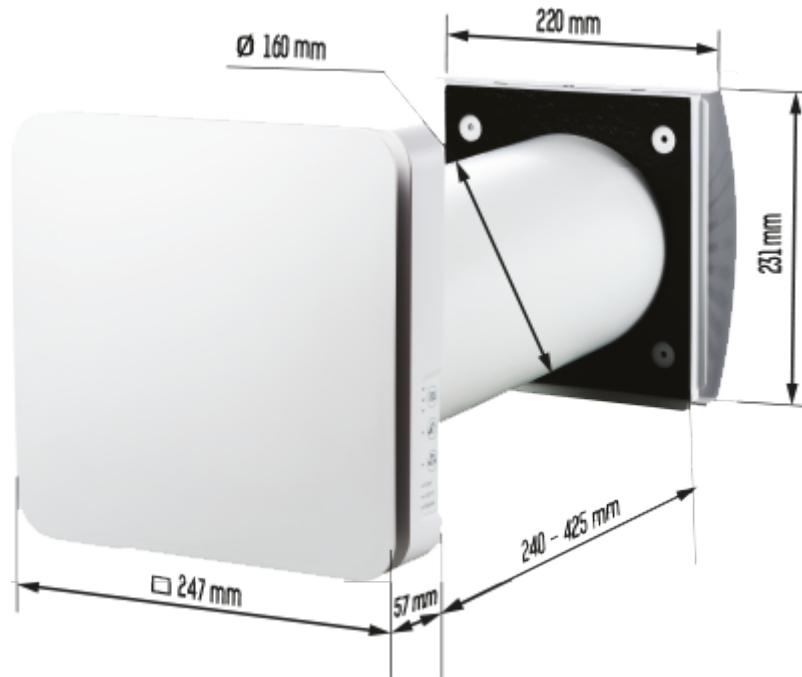
TwinFresh Atmo M – is a brand new dMVHR solutions for newbuild and retrofit single-room applications, offer efficient and cost-effective ventilation

- Air flow in heat recovery mode: 25
- Sound pressure level LpA at 3 m: 27
- Sound pressure level LpA at 1 m: 36
- 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 M		
Connected air duct size	mm	160		
Speed	-	3		
Phases	-	1		
Minimum supply voltage	V	100		
Maximum supply voltage	V	240		
Power supply frequency	Hz	50/60		
Rated power	W	1.1	2.0	3.4
Unit current	A	0.03	0.04	0.05
Air flow in ventilation mode	m ³ /h	15	35	50
Air flow in heat recovery mode	m ³ /h	8	15	25
Sound pressure level LpA at 3 m	dB(A)	11	21	27
Sound pressure level LpA at 1 m	dB(A)	20	30	36
Heat recovery efficiency, max	%	95		
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	-20		
Ambient air temperature min	°C	1		
Ambient air temperature max	°C	40		
Ambient air humidity max	%	65		







Ingress protection rating	-	IP24
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Dimensions









Accessories



Plastic

Name	Photo	Description
EH-14 white 160		Plastic outer hood
EH-14 black 160		Plastic outer hood
EH-14 grey 160		Plastic outer hood
EH-14 terracotta 160		Plastic outer hood
EH-14 brown 160		Plastic outer hood
EH-14 beige 160		Plastic outer hood



EH-14 chrome 160		Plastic outer hood
EH-17 white 160		Plastic outer hood
EH-17 black 160		Plastic outer hood
EH-17 grey 160		Plastic outer hood
EH-17 terracotta 160		Plastic outer hood
EH-17 brown 160		Plastic outer hood
EH-17 beige 160		Plastic outer hood
MVVM 162 05		Outer ventilation hood

Other accessories

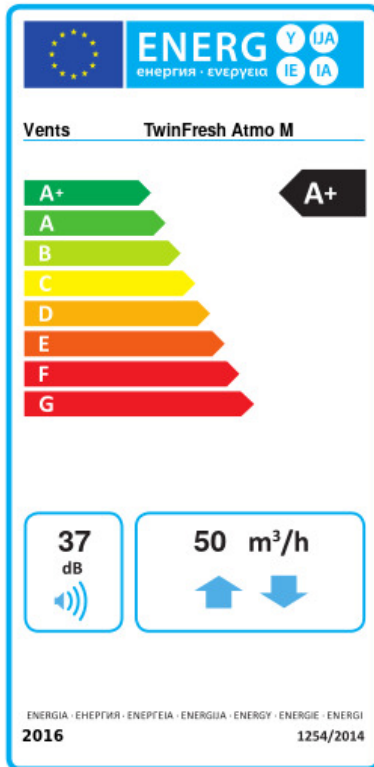
Name	Photo	Description
EH-2 grey 160		Outer hood for thin walls
EH-2 chrome 160		Outer hood for thin walls
NP white 160		Angular mounting kit
NP chrome 160		Angular mounting kit
RC TwinFresh Atmo		Remote control
SFC2 TwinFresh G3		G3 filter kit (2 pcs.)

SF2 TwinFresh F7		Fine filter F7 Contents: • plastic filter holder (1 pc.) • F7 filter (1 pc.) The F7 filter reduces air flow to 40 m³/h
SF2 TwinFresh G4		Coarse filter G4 Contents: • plastic filter holder (1 pc.) • G4 filter (1 pc.)

Flat duct

Name	Photo	Description
3805		Wall mounting
3810		Wall mounting

Ecodesign



Trademark	Vents					
Model	TwinFresh Atmo M					
Specific energy consumption (SEC) (kWh/(m ² /a))	Cold		Average		Warm	
	-88.2	A+	-44.7	A+	-19.8	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Regenerative					
Thermal efficiency of heat recovery (%)	85					
Maximum flow rate (m ³ /h)	50					
Electric power input (W)	3.4					
Reference flow rate (m ³ /s)	0.01					
Specific power input (SPI) (W/(m ³ /h))	0.57					
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))	41					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	31		31		31	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	8695		4445		2010	