TwinFresh Atmo mini

Single-room HRV units with DC motor, ceramic heat exchanger and automatic shutters

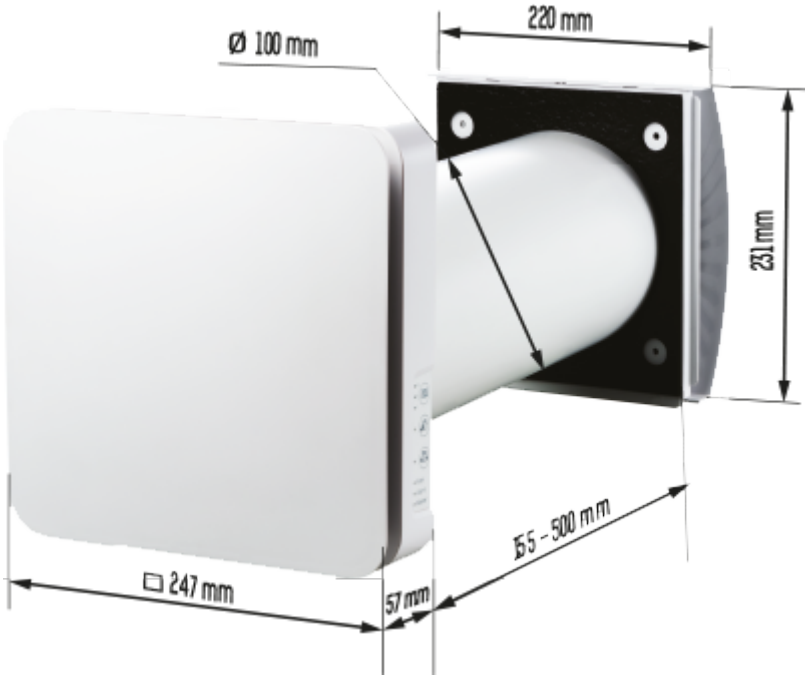


- Air flow in heat recovery mode: 13
- Sound pressure level LpA at 3 m: 23
- Sound pressure level LpA at 1 m: 33
- Heat exchanger material: Ceramic
- Sound-insulated casing
- Control: Remote Control, Built-in control panel
- Humidity sensor
- Shutters

	Unit of measurement	TwinFresh Atmo mini		
Speed	-	1	2	3
Connected air duct size	mm	100		
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	m³/h	8	16	25
Air flow in heat recovery mode	m³/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		
Transported air temperature (max)	°C	40		
Transported air temperature (min)	°C	-15		
Ambient air temperature max	°C	40		
Ambient air temperature min	°C	1		
Ingress protection rating	-	IP24		
Ambient air humidity max	%	65		
Minimum wall thickness	mm	155		

Maximum wall thickness	mm	500

Dimensions



Accessories

Hoods

Name	Photo	Description
EH-2 chrome 100		Outer hood for thin walls
EH-2 grey 100		Outer hood for thin walls

Plastic

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

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

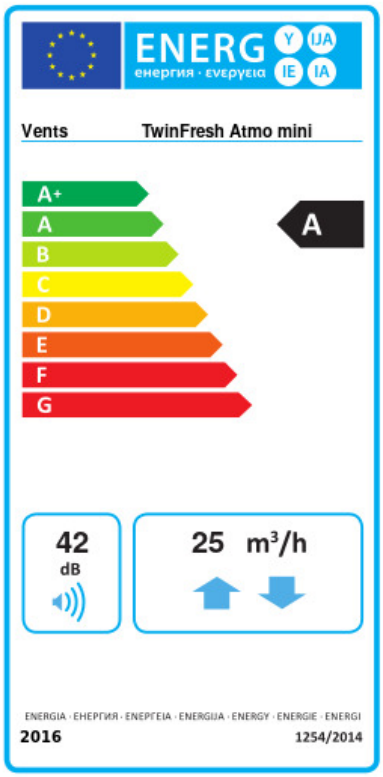
Other accessories

Name	Photo	Description
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
1810		Wall mounting

Ecodesign



Trademark	Vents					
Model	TwinFresh Atmo mini					
Specific energy consumption (SEC) (kWh/(m²/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 (m³/h)	25					
Electric power input (W)	3					
Reference flow rate (m³/s)	0.004					
Specific power input (SPI) (W/(m³/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 (%)	0.3					
The indoor/outdoor air tightness (m³/h)	1.9					
Declared typology	RVU BVU					
Sound power level (dB(A))	42					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	58		58		58	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	83		42		19	