TwinFresh Style Wi-Fi



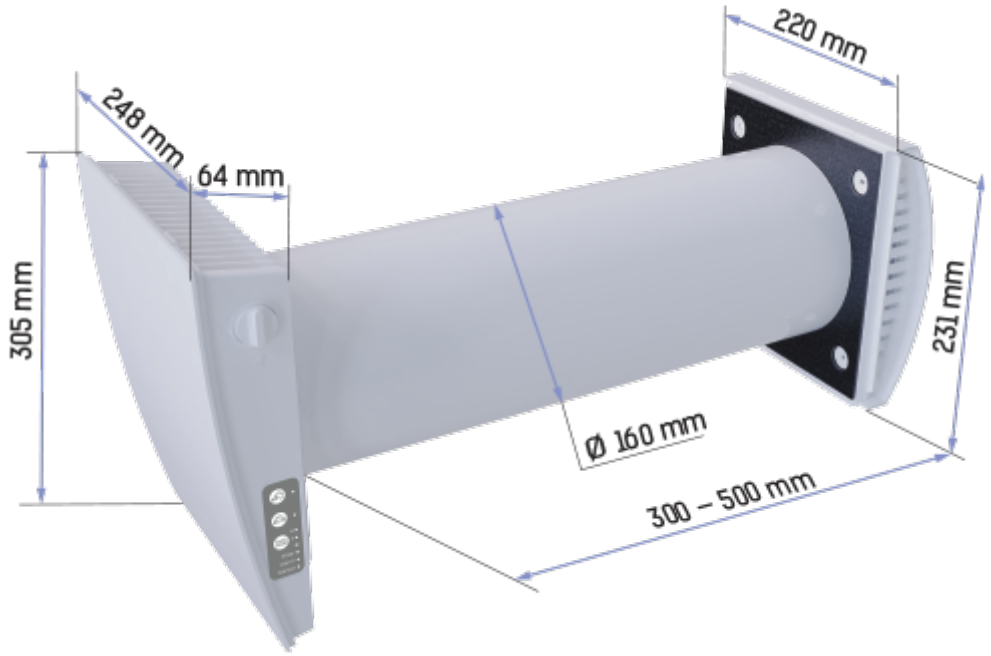
Single-room HRV units with ceramic heat exchanger and app control

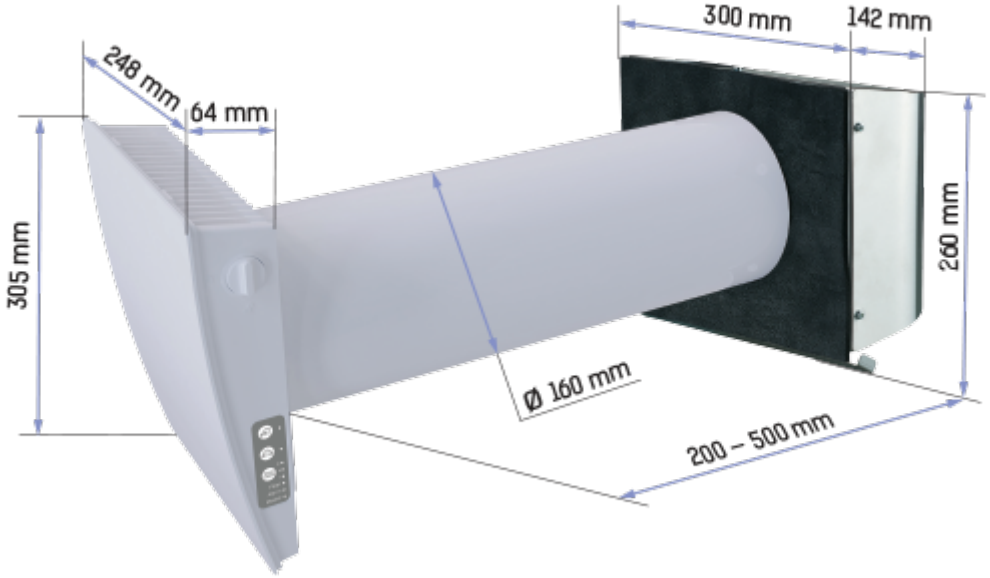
- Air flow in heat recovery mode: 25
- Sound pressure level LpA at 3 m: 26
- Sound pressure level LpA at 1 m: 35
- Heat exchanger type: Regenerative
- Filter: G3 (G4 F7 optional)
- Sound-insulated casing
- Control: Smartphone, Remote Control, Built-in control panel
- Casing material: Plastic
- Humidity sensor

	Unit of measurement	TwinFresh Style Wi-Fi		
Phases	-	1		
Maximum supply voltage	V	240		
Minimum supply voltage	V	100		
Power supply frequency	Hz	50/60		
Rated power	W	2.00	3.50	5.50
Unit current	A	0.03	0.03	0.06
Air flow in ventilation mode	m³/h	15	35	50
Air flow in heat recovery mode	m³/h	8	15	25
Rotation speed at 50hz	-	800	1300	1900
Sound pressure level LpA at 3 m	dB(A)	1	19	26
Sound pressure level LpA at 1 m	dB(A)	10	28	35
Heat recovery efficiency, max	%	90		
Heat exchanger type	-	Regenerative		
Filter	-	G3 (G4 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		
Ingress protection rating	-	IP24		

Ambient air humidity max	%	65
Minimum wall thickness	mm	330
Maximum wall thickness	mm	490

Dimensions



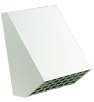


Accessories

Sensors

Name	Photo	Description
CO2-1		CO2 sensors
CO2-2		CO2 sensors

Other accessories

Name	Photo	Description
Duct 160-500		Air duct
Duct 160-700		Air duct
EH-13 chrome 160		Outer hood for cold climate
EH-13 white 160		Outer hood for cold climate
KV TwinFresh Style		Wi-Fi sensor control panel
NP white 160		Angular mounting kit
NP chrome 160		Angular mounting kit
RK1 TwinFresh		Remote control
SF2 TwinFresh G3		G3 filter kit (2 pcs.)
SF2 TwinFresh G4		Coarse filter G4 Contents: • plastic filter holder (1 pc.) • G4 filter (1 pc.)
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

T TwinFresh Style		Cardboard template for indoor installation of the unit

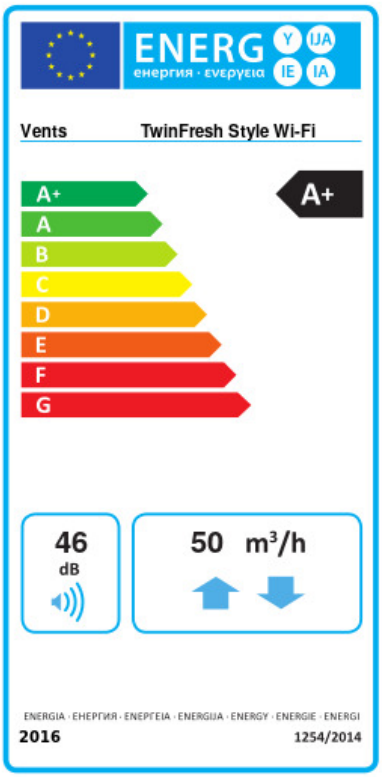
Hoods

Name	Photo	Description
EH-2 chrome 160		Outer hood for thin walls
EH-2 grey 160		Outer hood for thin walls

Plastic

Name	Photo	Description
EH-14 chrome 160		Plastic outer hood
EH-14 white 160		Plastic outer hood
MVVM 162 05		Outer ventilation hood

Ecodesign



Trademark	Vents					
Model	TwinFresh Style Wi-Fi					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-86.4	A+	-43.5	A+	-18.9	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Regenerative					
Thermal efficiency of heat recovery (%)	82					
Maximum flow rate (m³/h)	50					
Electric power input (W)	5.5					
Reference flow rate (m³/s)	0.01					
Specific power input (SPI) (W/(m³/h))	0.1					
Control typology	Local demand control					
Airflow sensitivity at +20 Pa and -20 Pa (%)	0.24					
The indoor/outdoor air tightness (m³/h)	2.9					
Sound power level (dB(A))	46					
Declared typology	RVU BVU					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	58		58		58	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	88		45		20	