

EVHRC EVO Class A heat recuperator unit



Description

Single room heat recovery unit with reversible air flow and ceramic exchanger with certified efficiency according to the ECODESIGN classification. EVHRC EVO is a ventilation unit complete with heat recovery unit dedicated to air exchange without energy waste. The unit is designed to be used in individual rooms in buildings where it is not considered useful or convenient to install centralized systems. EVHRC EVO is equipped with temperature, humidity and brightness sensors, which allow the unit to adopt the most suitable ventilation modes in total autonomy and ensure the best environmental comfort. These recuperators are particularly suitable for renovations or in rooms where molds and odors are formed.

Use

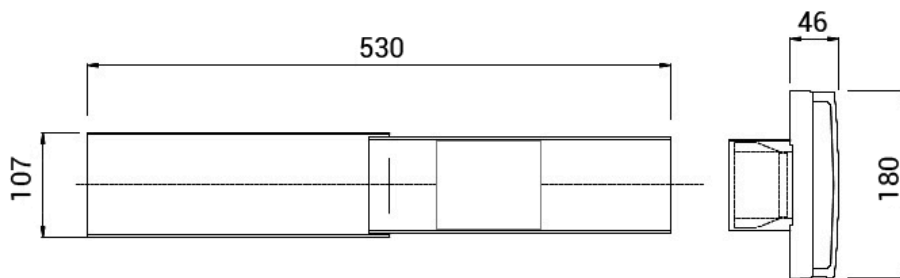
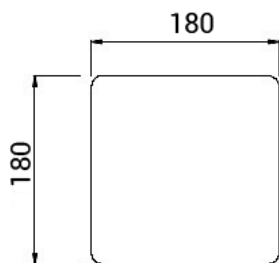
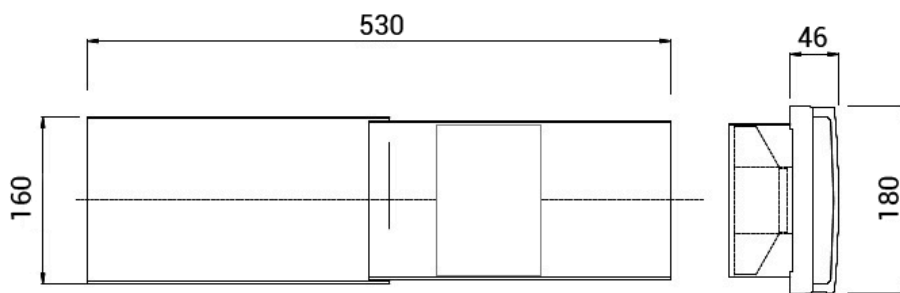
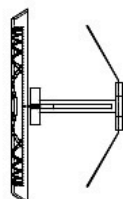
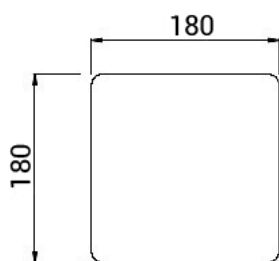
Houses, surgeries, offices and schools.

Accessories on request

Interchangeable aesthetic front panels with colors and finishes on request.

Characteristics

- Structure and front grilles in ABS.
- DC Brushless fan with reverse cycle operation compliant with ERP 2015 standard.
- Electronic management of the operating cycle, choice between automatic and coordinated.
- Intelligent infrared remote control.
- Telescopic tube from 240 to 530 mm.
- Regenerative heat recovery through a ceramic exchanger placed inside the unit.
- Coarse efficiency filters (G3)
- Temperature, humidity, light sensor and IAQ sensor.



Description of Operation:

Recuperator managed via intelligent infrared remote control.
Selection of the 3 speeds and the operating mode between entry only, only ejection or automatic cycle for heat recovery.
Selection of automatic operation via the sensors.
The recuperator is equipped with an automatic control that optimizes the cycle time to maximize heat recovery.

Operation Data

Models EVHRC EVO		02	05
Fan Type		Axial DC Brushless (Data according to UNI EN 13141-8)	
Number of Speeds		3	3
Nominal Air Flow	m³/h	24	50
Airflow in the Cycle	m³/h	18	38
Airflow per Speed - max / med / min	m³/h	24 / 12 / 8	50 / 25 / 15
Airflow Rates by Speed and Cycle - max / med / min	m³/h	18 / 9 / 6	38 / 20 / 12
Night Airflow Rate	m³/h	5	10
Heat Exchanger (Data according to UNI EN 13141-8 - Indoor temp. 20°C, Indoor humidity 28% - Outdoor temp. 7°C, Outdoor humidity 72%)			
Recovery Efficiency		Regenerative	
Heat Recovery Efficiency	%	79	77
Filter Type		Panel filters	
Filtration Class		Coarse (G3)	
Acoustic data (Data according to UNI EN 3741 and UNI EN 3744)			
Sound Power Lw - max / med / min	dB(A)	39 / 37 / 34	44 / 38 / 29
Sound Pressure at 1 m - max / med / min	dB(A)	28 / 26 / 23	32 / 26 / 18
Electrical data			
Supply Voltage	V	230 / 1 / 50 Hz	
Power Input	W	4	6,6
Protection Rating	IP	X4	X4
Dimensions			
Mounting Template	mm	180 x 180	180 x 180
Diameter	mm	107	160
Duct Depth	mm	Min 240 / Max 530	
Ecodesign			
Model classification according to European Regulation 1253/2014 and 1254/2014		A	A

Price List

Models	Eur
EVHRC EVO 02	-
EVHRC EVO 05	-