

EVHRC 02 - EVHRC 05 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 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 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.

Characteristics

Structure and frontal grilles in ABS. Reversible fan compliant with the ERP 2015 standard. Electronic management of the operating cycle. Smart remote control. Telescopic tube from 240 to 530 mm. Heat exchanger made of ceramic material. Complete with filters with G3 efficiency.

Use

Houses, surgeries, offices and schools.

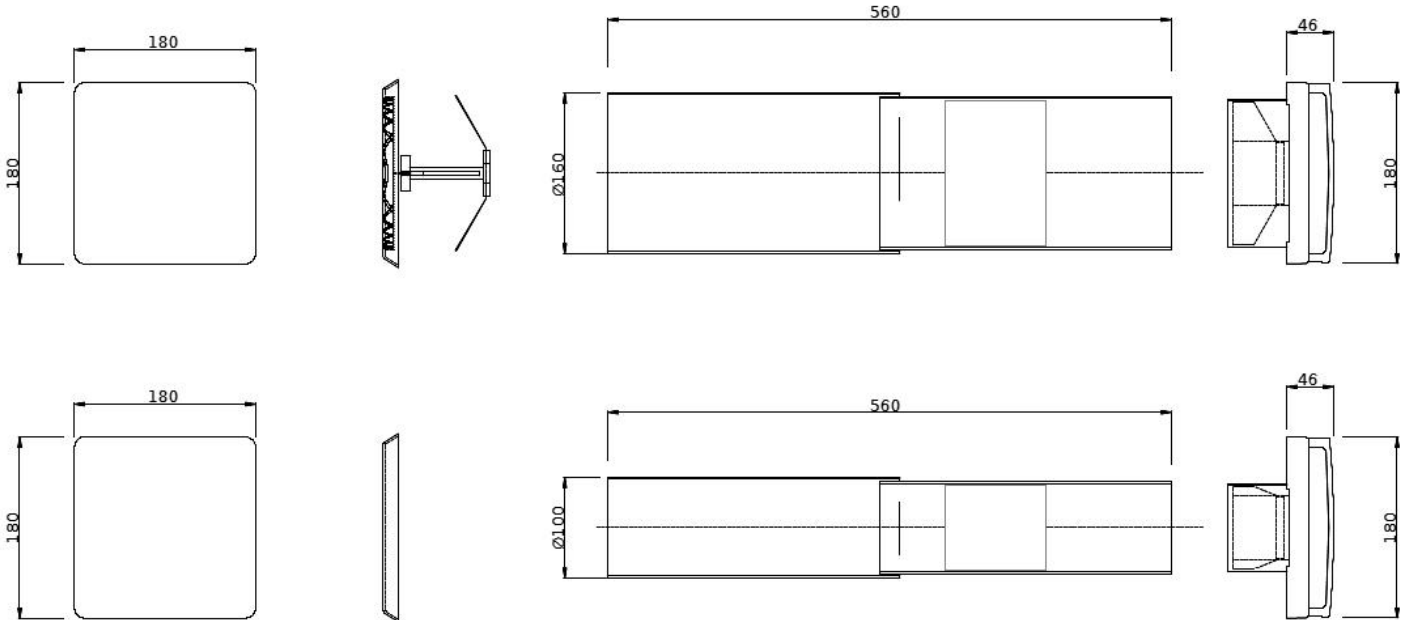
Models

EVHRC-EM - MASTER unit with remote control included. In combined operation the master can manage up to 16 slave units.

EVHRC-ES - SLAVE unit without remote control and functioning only if combined with a master model. The airflow direction can be like that of the MASTER unit or reverse.

Accessories

Interchangeable aesthetic front panels with colors and finishes on request.



Description of operation:

Recuperator managed by an intelligent 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:

Grandezza EVHRC		02	05
Tipo di Ventilatori		Assiale DC Brushless (Dati riferiti alla norma UNI EN 13141-8)	
Numero Velocità		3	3
Portata aria nominale	m³/h	24	50
Portata aria nel ciclo	m³/h	18	50
Portate aria velocità max / med / min	m³/h	24 / 12 / 8	50 / 25 / 15
Portate aria velocità ciclo max / med / min	m³/h	18 / 9 / 6	38 / 20 / 12
Portata aria notturna	m³/h	5	10
Scambiatore di calore (Dati riferiti alla norma UNI EN 13141-8 Temp.interna 20° - Umidità interna 28% - Temp.esterna 7° - Umidità esterna 72%)			
Tipo di scambiatore		Rigenerativo	
Efficienza di recupero	%	79	77
Tipo di filtri		Filtri Piani	
Classe di filtrazione		G3	
Dati acustici (Dati riferiti alla norma UNI EN 3741 e UNI EN 3744)			
Potenza sonora Lw max / med / min	dB(A)	39 / 37 / 34	44 / 38 / 29
Pressione sonora a 1 mt max / med / min	dB(A)	28 / 26 / 23	32 / 26 / 18
Dati Elettrici			
Tensione di alimentazione	V	230 / 1 / 50 Hz	
Potenza assorbita	W	2	2,8
Grado di protezione	IP	X4	X4
Dimensionali			
Maschera interna	mm	180 x 180	180 x 180
Diametro	mm	100	160
Profondità tubo	mm	Min 240 / Max 530	Min 240 / Max 530

Price list:

Item normally available from stock			
modell		diametert	euro
EVHRC 02 MASTER		100	718,20 ✓
EVHRC 05 MASTER		160	718,20 ✓
EVHRC 02 SLAVE		100	a.r. ✓
EVHRC 05 SLAVE		160	a.r. ✓