

EVHRP SLIM

High efficiency heat recovery unit for flow rates up to 110 m³/h



Description

Ventilation unit complete with heat recovery exchanger, dedicated to air renewal without wasting of energy. The unit is particularly suitable for single family housing, apartments and in all cases where the nominal flow rates for air exchange do not exceed 110 m³/h. Constant flow rate selectable in 3 levels.

Features

Sheet metal self-supporting frame. Galvanised sheet metal panels, painted on the outside, with high density EPS internal insulation; Alucobond Composite front panel. High efficiency counter-current cross-flow polypropylene heat exchanger. Low freezing temperatures. Very high heat exchange efficiency. Brushless fans with electronic motor and constant flow control; very high efficiency and low noise levels. ePM1 80% filters with low pressure drop for both supply and exhaust, easily removable.

Use

Homes, clinics, for air exchange with up to 90% reduction in energy waste.

Control electronics version S2

The unit is supplied without electronic board and the fan speed is changed by means of a 0-10V input signal. It is possible to purchase the EVTVD remote terminal with LCD display separately, to control the speed of the fans and the bypass with various advanced functions, including:

- control of the speed of the individual fans independently, which means that the machine can be used in positive pressure or negative pressure mode;
- timed dirty filter warning;
- possibility of connecting the EVSQV air quality sensor, sold separately.

Control electronics version IN2

Electronic board for 3-step speed management, antifreeze function and automatic bypass. Wall-mounted remote touch panel on 503 box. On-board temperature sensors and possibility of managing auxiliary hot water coil. Humidity / air quality regulators built into the remote display.

EVCNV2-N: advanced remote control with built-in humidity and VOC/CO₂ sensors, black.

EVCNV2-B: advanced remote control with built-in humidity and VOC/CO₂ sensors, white.

EVCNW2-N: advanced remote control with built-in humidity and VOC/CO₂ sensors and built-in Wi-Fi, black.

EVCNW2-B: advanced remote control with built-in humidity and VOC/CO₂ sensors and built-in Wi-Fi, white.

Electronic configuration IN2

A or B configurations selectable by electronics.

Technical Specifications

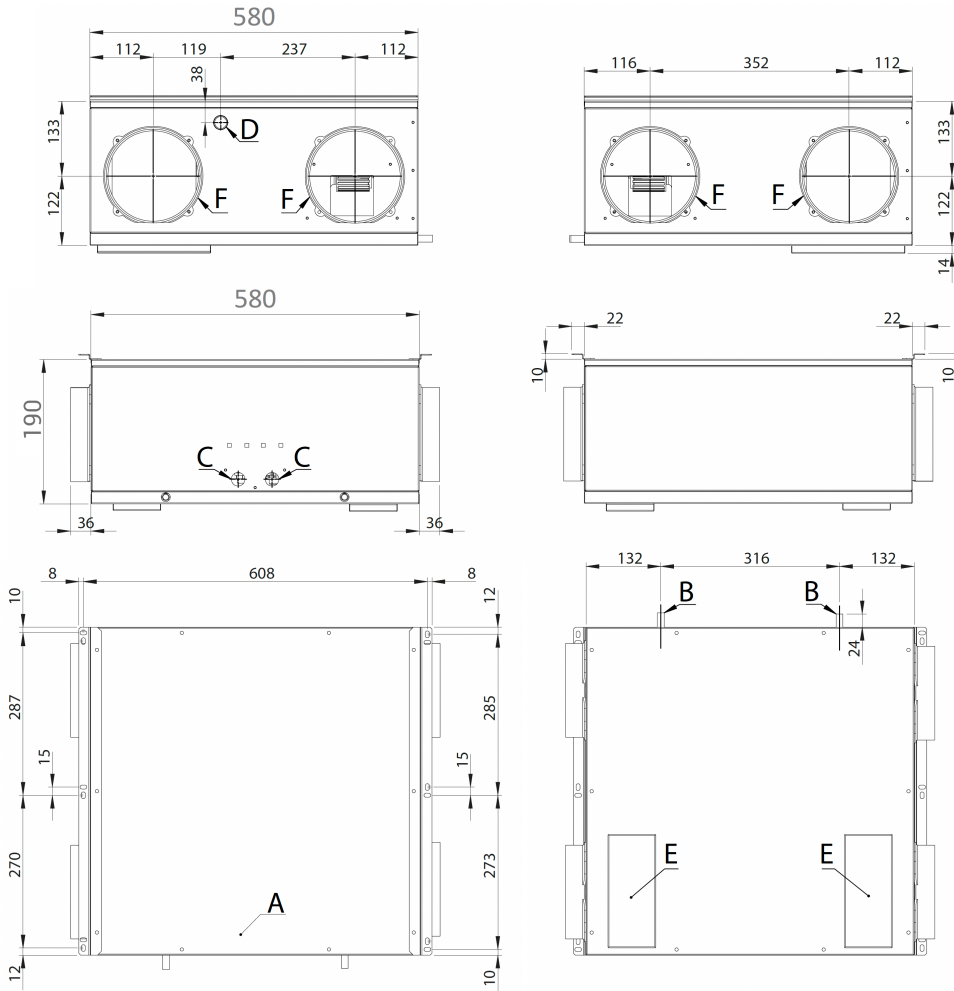
Size EVHRP SLIM		EVHRP SLIM
Fan Type		Centrifughi a pale avanti - motore elettronico direttamente accoppiato Brushless
Nr. Funs	Nr.	2
Airflow	m³/h	110
Available Pressure	Pa	100
Heat Exchanger (Data according to UNI EN 13141-7: Indoor Temp. 20°C – Indoor Humidity 28% – Outdoor Temp. 7°C – Outdoor Humidity 72%)		
Recovery Efficiency		Ounterflow Plates – Polypropylene Material
Number of Heat Exchangers	Nr.	1
Heat Recovery Efficiency	%	89,5
Filters		
Tipo di Filters		Filters Piani
Filtration Class		ePM1 80%
Acoustic data (Data according to UNI EN 3741 and UNI EN 3744)		
Sound Power Lw Transmitted Through the Structure	dB(A)	49
Sound Power Level (Lw) Radiated from the Duct	dB(A)	53
Average Sound Pressure Level (Lp) at 1 m	dB(A)	42
Average Sound Pressure Level (Lp) at 3 m	dB(A)	34
Electrical data		
Power Supply	V / ph / Hz	230 / 1 / 50
Current Consumption	A	0,35
Power Input	W	41
Protection Rating	IP	X2
Dimensions		
Width	mm	580
Depht	mm	580
Height	mm	190
Connection Diameter	mm	125
Condensate Drain	mm	12
Weight	kg	15

With EVCNV2 - EVCNW2 Remote Control
(RH / VOC - CO₂)

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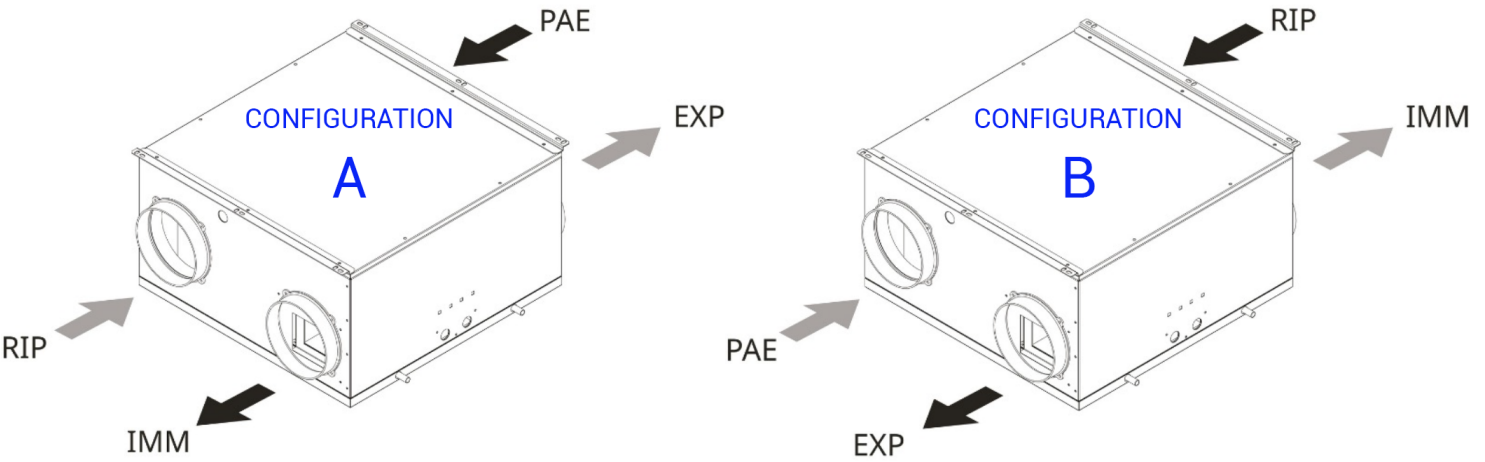
A

EVHRP SLIM Dimensions (Horizontal Installation Only)



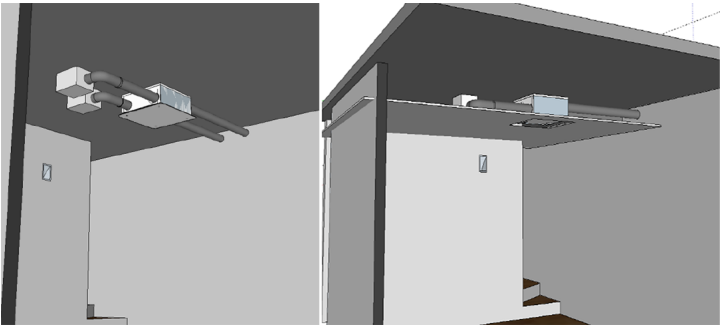
Riferimento	Description
A	Electrical Control Panel
B	Condensate Drain - Horizontal Installation
C	Cable Routing for Power Supply and Display
D	Condensate Drain - Vertical Installation
E	Filter Access Panels
F	Circular Connections Ø 160 mm

HORIZONTAL INSTALLATION



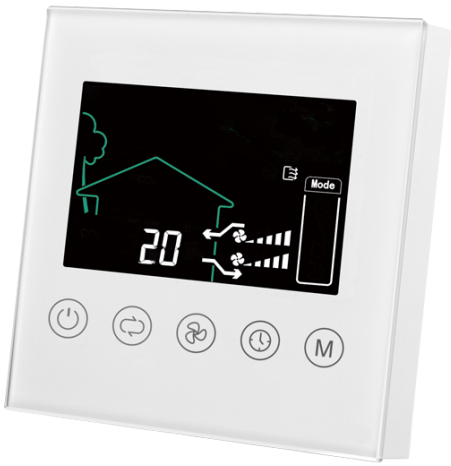
Riferimento	Description
PAE	Outdoor Air Intake
EXP	Espulsione
IMM	Supply Air to Room
RIP	Return Air from Room

Horizontal Installation



S2 Version - Price List:

EVHRP SLIM (configurazione A)	EVTDV	SI-EVTDV - Flush- Mounted Box for EVTDV Unit	EVSQV	Filter Pair Kit
Eur	Eur	Eur	Eur	Eur
1.749,69	196,33	18,49	273,17	68,69



IN2 Versione - Price List

EVHRP SLIM (configurazione A)	EVCNV2-N - Black	EVCNV2-B - White	EVCNW2-N - Wi-Fi - Black	EVCNW2-B - Wi-Fi - White	Filter Pair Kit
Eur	Eur	Eur	Eur	Eur	Eur
1.886,42	240,12	240,12	296,45	296,45	68,69

