

# 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.

## 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 EVTDV 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/CO<sub>2</sub> sensors, black.

EVCNV2-B: advanced remote control with built-in humidity and VOC/CO<sub>2</sub> sensors, white.

EVCNW2-N: advanced remote control with built-in humidity and VOC/CO<sub>2</sub> sensors and built-in Wi-Fi, black.

EVCNW2-B: advanced remote control with built-in humidity and VOC/CO<sub>2</sub> sensors and built-in Wi-Fi, white.

## Electronic configuration IN2

A or B configurations selectable by electronics.

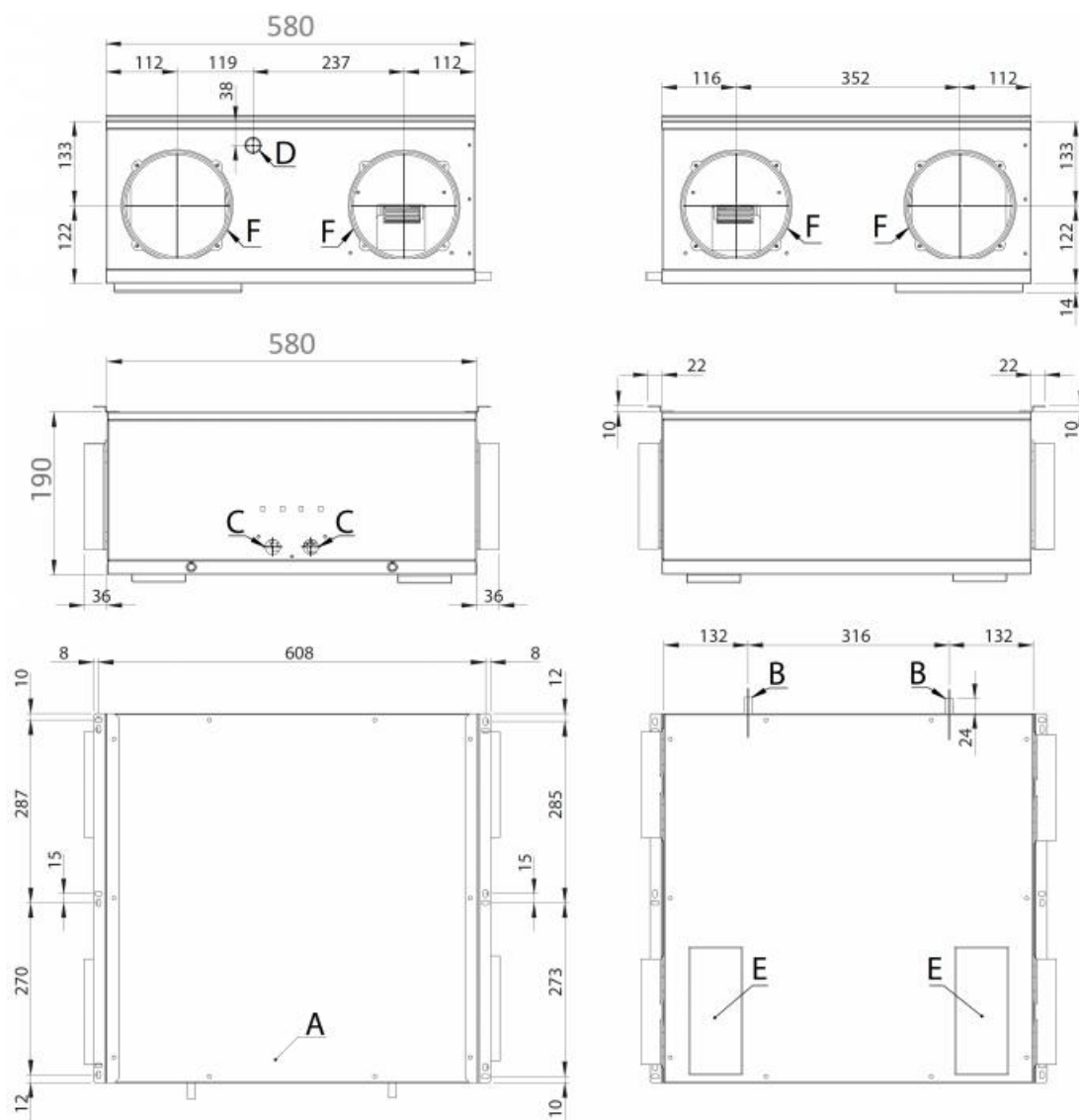
## Use

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

## Technical specifications

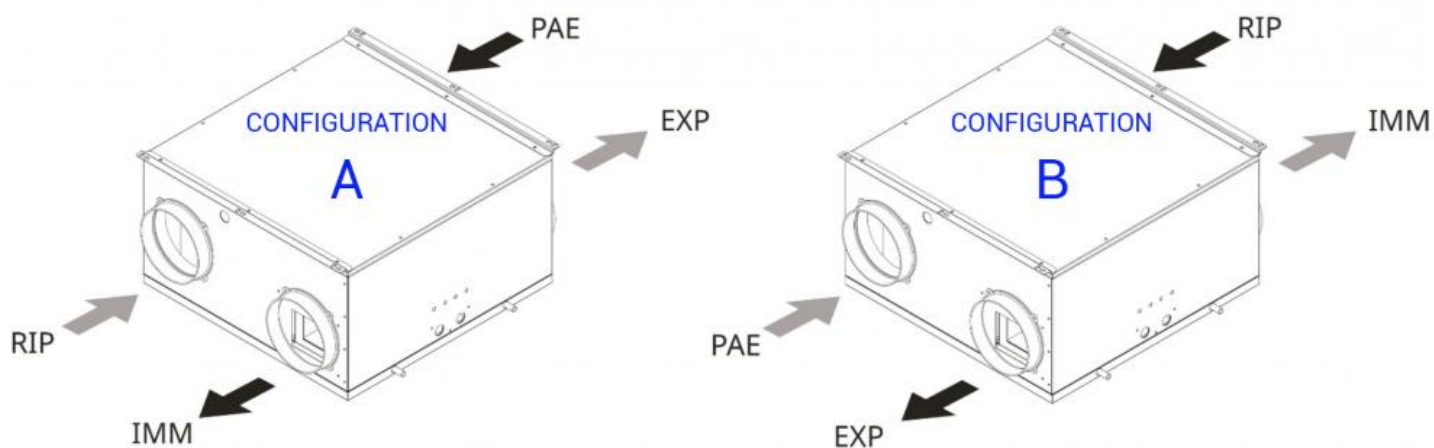
Size		EVHRP SLIM	
Type of Fans		Forward-curved centrifugal - Brushless direct-coupled electronic motor	
Number of Fans	No.	2	
Air flow rate	m³/h	110	
Useful pressure	Pa	100	
Heat exchanger (Data referring to the UNI EN 13141-7 Standard)		Indoor temp. 20° - Indoor humidity 28% - Outside temp. 7° - Outside humidity 72%)	
Type of heat exchanger		Counter-current plates - polypropylene	
Number of Heat exchangers	No.	1	
Heat recovery efficiency	%	89,5	
Filters			
Type of filters		Flat filters	
Filtration class		ePM1 80%	
Acoustic data (Data referring to the UNI EN 3741 and UNI EN 3744 Standards)			
Sound power Lw transmitted by the structure	dB(A)	49	
Sound power Lw radiated from the duct	dB(A)	53	
Average sound pressure Lp at 1 m	dB(A)	42	
Average sound pressure Lp at 3 m	dB(A)	34	
Electrical Data			
Power supply	V / ph / Hz	230 / 1 / 50	
Current consumption	A	0,35	
Power consumption	W	41	
Protection rating	IP	X2	
Dimensional data			
Width	mm	580	
Depth	mm	580	
Height	mm	190	
Connection diameter	mm	125	
Condensate drain	mm	12	
Weight	kg	15	
classification of the various models according to the European regulation 1253/2014 and 1254/2014			
With remote control EVCNV2 - EVCNW2 (UR/VOC-Co2)		-	A

## EVHRP SLIM dimensions (HORIZONTAL INSTALLATION ONLY)



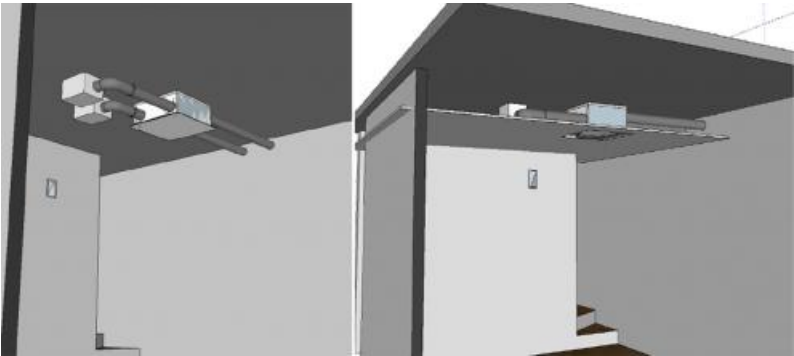
Reference	Description
A	electrical cabinet
B	Condensate drain horizontal installation
C	Passage of power supply and display cables
D	Condensate drain vertical installation
E	Filter doors
F	Circular connections Ø 160mm

## HORIZONTAL INSTALLATION



Reference	Description
PAE	External air intake
EXP	Expulsion
IMM	Ambient air intake
RIP	Room air intake

HORIZONTAL installation



S2 VERSION price list:

Item normally available from stock				
EVHRP SLIM (configuration A)	remote electronic control EVTDV	Electric box for recessed installation for EVTDV	air quality sensor EVSQV	pair of filters kit
euro	euro	euro	euro	euro
▼	▼	▼	▼	▼



IN2 VERSION price list:

Item normally available from stock						
model	EVHRP SMALL (configuration A)	remote electronic control EVCNV2-N. Black color	remote electronic control EVCNV2 -B. White color	EVCNW2-N remote electronic control with Wi-Fi connection. Black color	EVCNW2-B remote electronic control with Wi-Fi connection. White color	pair of filters kit
	euro	euro	euro	euro	euro	euro
08	▼	▼	▼	▼	▼	▼

