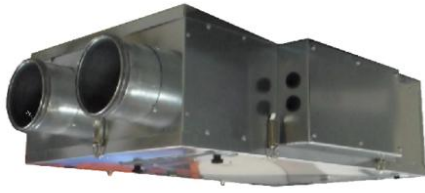


EVHRPHZ High efficiency heat recuperator up to 400 m³/h



Description

Ventilation unit with high efficiency heat recovery, compact dimensions for ceiling or floor installation.

Tested and classified according to the European regulation Ecodesign ref. 1253/2015 and 1254/2014.

Characteristics

Structure in simple galvanized sheet paneling and with adhesive insulation in polyethylene, thickness 20mm/42Kg/m³.
Compact dimensions and reduced height for simplified installation with panel easily accessible for maintenance and inspectability.
Circular fillings with sealing gasket for connection to the air ducts
Quick and tool-free filter inspection and double drain for condensation evacuation with supplied siphon.
Electric panel, excluded from the air flow with touch control on the wall.
Centrifugal centrifugal fans with backward curved blades with EC motors with electronic speed control and low consumption.
Static heat exchanger in polypropylene with countercurrent flows for very high efficiency of heat recovery.
ePM1 70-80% class filters with low pressure drop, very high efficiency.
Motorized by-pass with motor inserted into the electrical panel for easy maintenance.
Possibility of mounting to CEILING or WALL.

Electronic control

Version IN: with electronic card for 3-step speed management, anti-freeze function and automatic bypass. Wall-mounted touch remote panel. On-board temperature sensors and hot water auxiliary battery management possibilities. Humidity / air quality regulators integrated in the remote display.
EVCNV2-N: advanced remote control with integrated humidity and VOC / CO₂ sensors, black color.
EVCNV2-B: advanced remote control with integrated humidity and VOC / CO₂ sensors, white color.
EVCNV2-N: advanced remote control with integrated humidity and VOC / CO₂ sensors, with integrated black Wi-Fi.
EVCNV2-B: advanced remote control with integrated humidity and VOC / CO₂ sensors with integrated white Wi-Fi.

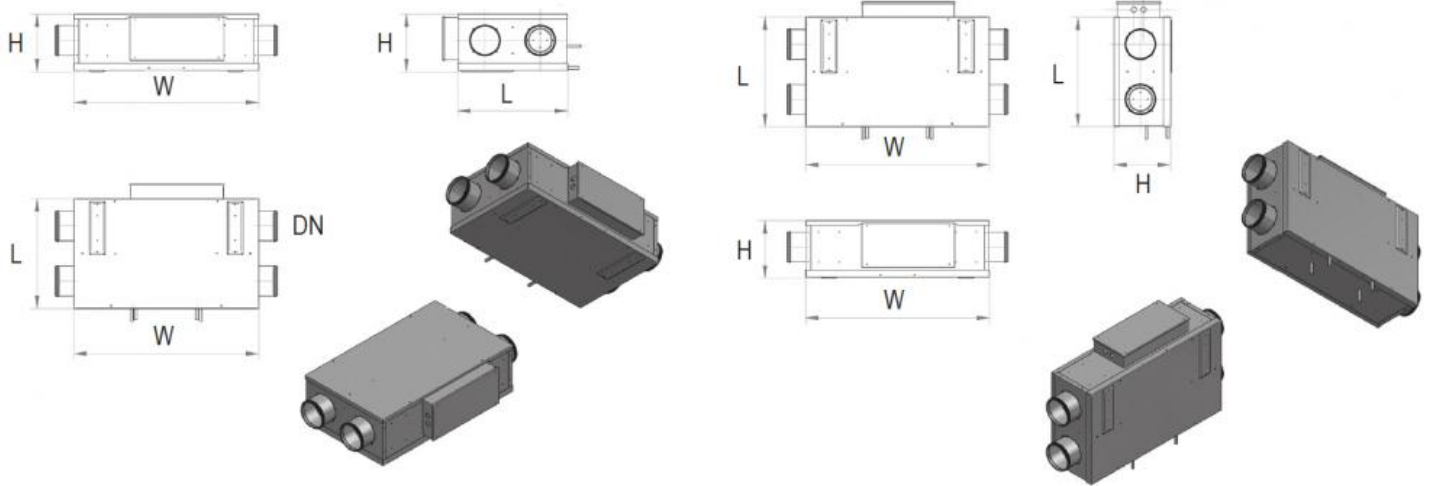
Use

Houses, surgeries and shop to air exchange with reduction of up to 90 % of the waste of energy .

Grandezza		20 H - 20 V (a parete)	30 H - 30 V (a parete)	40 H - 40 V (a parete)
Tipo di Ventilatori		Radiali a pala rovescia - motore elettronico direttamente accoppiato - segnale 0/10 V		
Numero Ventilatori	Nr.	2		
Portata aria	m ³ /h	137	298	420
Pressione utile	Pa	100	100	100
Scambiatore di calore (Dati riferiti alla norma UNI EN 13141-7 Temp.interna 20° - Umidità interna 28% - Temp.esterna 7° - Umidità esterna 72%)				
Tipo di scambiatore		Piastre controcorrente - materiale polipropilene		
Numero Scambiatori	Nr.	1		
Efficienza di recupero	%	87,5	85,2	82
Filtri				
Tipo di filtri		Filtri Piani		
Classe di filtrazione		ePM1 70-80%		
Dati acustici (Dati riferiti alla norma UNI EN 3741 e UNI EN 3744)				
Potenza sonora Lw trasmessa dalla struttura	dB(A)	59,5	63	65
Potenza sonora Lw irradiata nel canale	dB(A)	64,8	68	70
Pressione sonora media Lp a 1 Mt	dB(A)	46,8	49,5	50,8
Pressione sonora media Lp a 3 Mt	dB(A)	38,9	41,7	42,9
Dati Elettrici				
Alimentazione	V / ph / Hz	230 / 1 / 50		
Corrente assorbita	A	0,74	1,6	2,4
Potenza assorbita	W	96	170	340
Grado di protezione	IP	44	44	44
Dimensionali				
Larghezza	W	mm	760	900
Profondità	L	mm	445	595
Altezza	H	mm	240	350
Diametro attacchi	DN	mm	125	160
Scarico condensa		mm	16	16
Peso		Kg	33	41

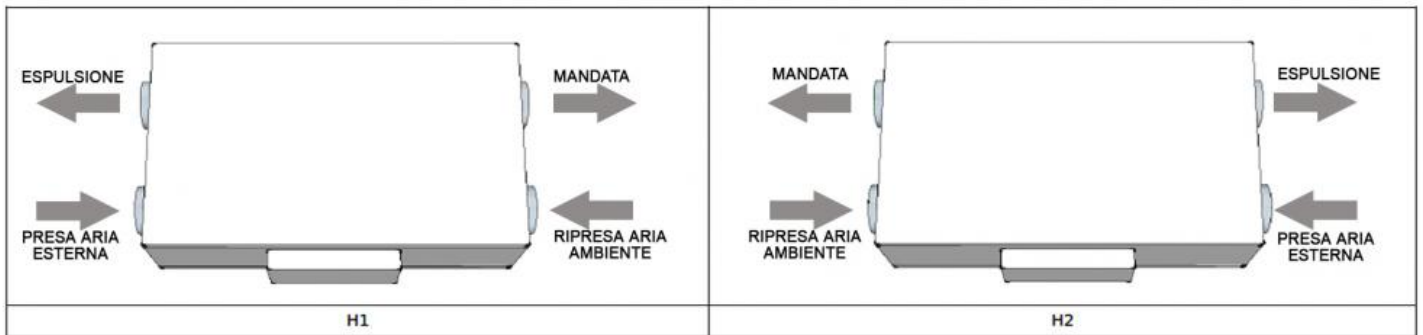
(installazione orizzontale)

(installazione verticale)



Configurations

Standard H1 configuration.



Recovery price list

model	version
	Adjustable IN + By Pass
	euro
20	a.r. v
30	a.r. v
40	a.r. v

Price list Accessories

Item normally available from stock					
model	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
	euro	euro	euro	euro	euro
20	230,88 v	230,88 v	285,05 v	285,05 v	71,14 v
30	230,88 v	230,88 v	285,05 v	285,05 v	80,03 v
40	230,88 v	230,88 v	285,05 v	285,05 v	80,03 v

