

# PROJECT VRF R410A FULL DC INVERTER

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## TOTAL HEAT EXCHANGER

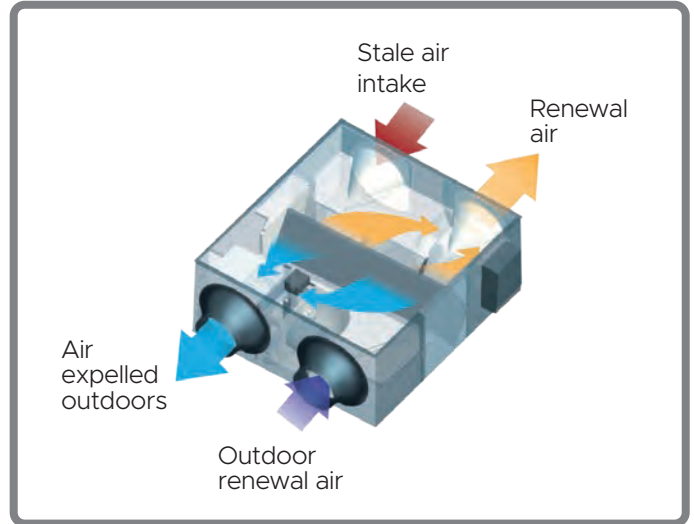


EHIN 204-404



EHIN 504-2004

The control must be purchased as an accessory



### Enthalpy heat recovery unit. Energy recovery during heat exchanges in rooms

Ventilation units with heat recovery are suited for use in bars, restaurants, offices, gyms, changing rooms and all rooms where air needs to be exchanged during hours of operation.

The units consist of two centrifugal fans: one introduces clean air filtered from outside and the other one expels the stale air from the inside. The two air flows go through one blade heat exchanger, in which part of the heat is recovered.

Depending on the season, the indoor air heats or cools the outdoor air, which is introduced without coming into contact with it.

- 8 power sizes: 200~2000 m<sup>3</sup>/h.
- DC Inverter fan.

Model			EHIN 204	EHIN 304	EHIN 404	EHIN 504	EHIN 804	EHIN 1004	EHIN 1504	EHIN 2004	
Control (included)	type		None								
Exchange efficiency <sup>1</sup>	Enthalpy	%	77.5	72.1	73.5	74.0	72.3	76.0	69.4	74.7	
	Thermal	%	81.1	75.5	77.7	80.6	78.7	82.8	75.5	77.2	
<b>Electrical data</b>											
Power supply	Ph-V-Hz		1-220~240-50								
Power absorption	W		70	100	110	150	320	380	680	950	
Rated absorbed current	A		0.64	0.84	0.97	1.2	2.4	2.9	3.8	5.7	
<b>Product specifications</b>											
External dimensions	LxHxD	mm	801x272x1195	914x272x1195	1204x272x1276	1106x390x1311	1286x390x1311	1526x390x1311	1425x615x1740	1625x685x1811	
Net weight		Kg	46.5	56.5	71.5	76	80	90	181.5	208.5	
Sound power level	Hi	dB(A)	45	48	48	50	55	54	69	70	
Treated air		m <sup>3</sup> /h	200	300	400	500	800	1000	1500	2000	
Fan static pressure	Hi	Pa	100	90	100	90	140	160	180	200	
Ducting flange		mm	ø144	ø144	ø198	ø244	ø244	ø244	346x326	346x326	
Condensate drain			Not required						Necessary		
Field of application		°C	-7~43 DB (max RH 80%)								
Degree of protection			IPX2								
Specific energy consumption <sup>2</sup>	SEC	kWh/m <sup>2</sup> a	-41.50	-	-	-	-	-	-	-	
Class SEC <sup>2</sup>			A	-	-	-	-	-	-	-	
<b>Accessories</b>											
Mandatory wired remote control			DHW EH								

1. Values related to the high speed of the 3 levels settable by wired remote control.  
2. Mandatory data for residential ventilation units (RVU) only.

EU Ecodesign Directive 1253/2014 for non-residential ventilation units (NRVU) and residential ventilation (RVU).  
EU Energy Labelling 1254/2014 Residential Ventilation Unit (RVU).