

# TOTAL HEAT EXCHANGER

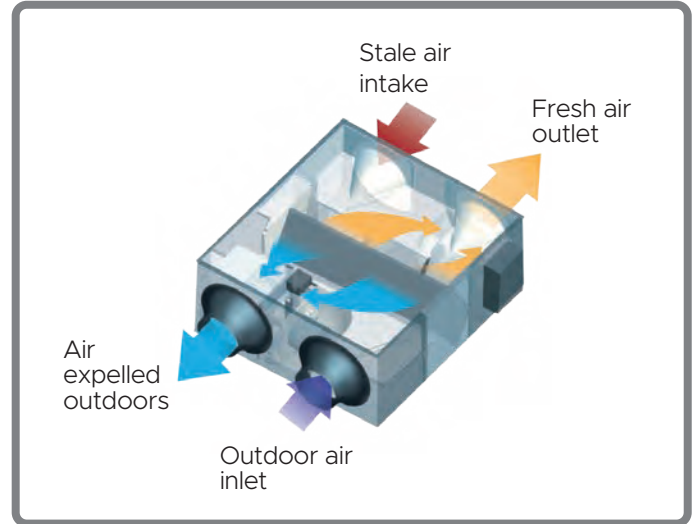


EHIN 304-404



EHIN 504-2004

The wired controller must be purchased as an accessory



- 7 capacities: 300~2000 m<sup>3</sup>/h.
- DC Inverter fan.
- Mandatory wire controller.

### Enthalpy heat recovery unit.

#### Energy recovery during heat exchange inside the rooms

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

The unit consists 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 a 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.

Model			EHIN 304	EHIN 404	EHIN 504	EHIN 804	EHIN 1004	EHIN 1504	EHIN 2004	
Exchange efficiency <sup>1</sup>	Enthalpy	%	72.1	73.5	74.0	72.3	76.0	69.4	74.7	
	Thermal	%	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		100	110	150	320	380	680	950	
Rated absorbed current	A		0.84	0.97	1.20	2.40	2.90	3.80	5.70	
<b>Product specifications</b>										
External dimensions	LxHxD	mm	914x272x1195	1204x272x1276	1106x390x1311	1286x390x1311	1526x390x1311	1425x615x1740	1625x685x1811	
Net weight		Kg	56.5	71.5	76	80	90	181.5	208.5	
Sound power level	Hi	dB(A)	48	48	50	55	54	69	70	
Treated air volume		m <sup>3</sup> /h	300	400	500	800	1000	1500	2000	
Fan static pressure	Hi	Pa	90	100	90	140	160	180	200	
Ducting flange		mm	ø144	ø198	ø244	ø244	ø244	ø346x326	ø346x326	
Condensate drain pipe			Not required					Necessary		
Operating range (max UR 80%)		°C	-7~43							
Degree of protection			IPX2							
<b>Accessories</b>										
Wired control (not included)			DHW EH							
<b>Optional parts</b>										
Group control			DHW-T-16-XRV-P							
Centralized control			DHC-8-64-XRV-P / DHC-48-384-XRV-P							

Reference legislation: EU Ecodesign Directive 1253/2014 for non-residential ventilation units (NRVU) and residential ventilation (RVU).  
 1. Values related to the high speed of the 3 levels settable by wired remote control.