

HEATING

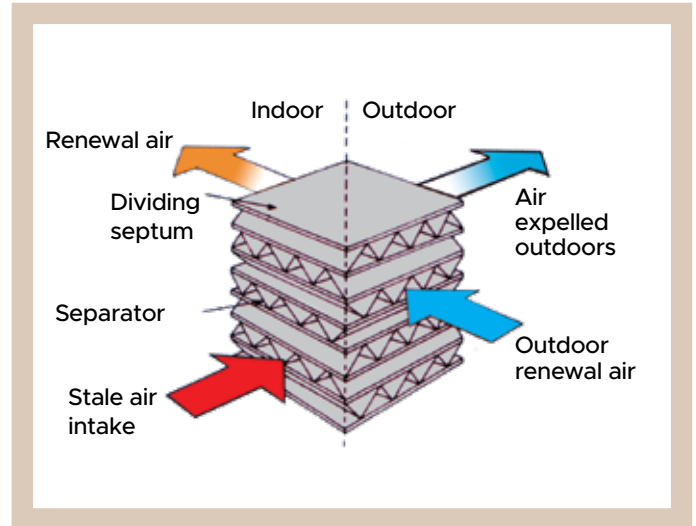
TOTAL HEAT EXCHANGER



EHIN 203-1003



EHIN 1503-2003



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

The ventilation units with heat recovery are suited for use in bars, restaurants, offices, gyms, changing rooms and all rooms where it is necessary to exchange air 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 that is introduced without coming into contact with it.

Integration and control with Hokkaido XRV units through the use of centralized controls DTC-IHXR / DTCWT-IHR

- 8 power sizes: 200~2000 m³/h.
- DC Inverter fan.

Model		EHIN 203	EHIN 303	EHIN 403	EHIN 503	EHIN 803	EHIN 1003	EHIN 1503	EHIN 2003
Power	Ph-V-Hz	1-220~240-50							
Enthalpy exchange efficiency	%	77.5	72.1	73.5	74.0	72.3	76.0	69.4	74.7
Heat exchange efficiency	%	81.1	75.5	77.7	80.6	78.7	82.8	75.5	77.2
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
Treated air	m ³ /h	200	300	400	500	800	1000	1500	2000
Available pressure head (high speed)	Pa	100	90	100	90	140	160	180	200
Ducting flange	∅ mm	144	144	198	244	244	244	346x326	346x326
External dimensions (DxLxH)	mm	1195x801x272	1195x914x272	1276x1204x272	1311x1106x390	1311x1286x390	1311x1526x390	1740x1375x615	1811x1575x685
Net weight	Kg	46.5	56.5	71.5	76	80	90	181.5	208.5
Max sound power level	dB(A)	45	48	48	50	55	54	69	70
Field of application	°C	-7~43 DB (max UR 80%)							
Degree of protection		IPX2							
Serial control	type	none (the control must be purchased as an accessory)							
Accessories									
Wired remote control		DHW EH							

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