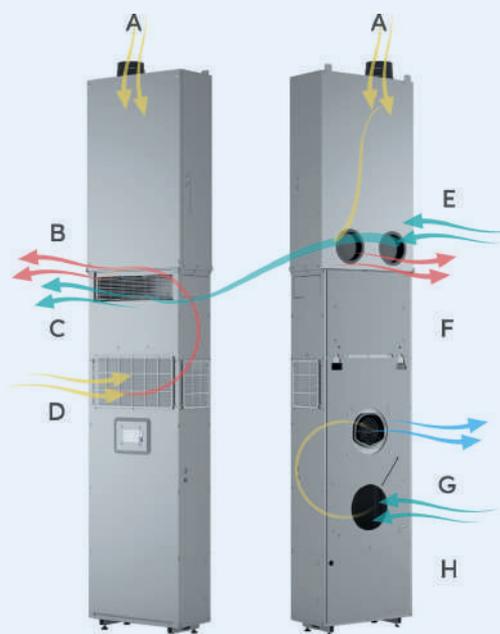


Integrable HRV

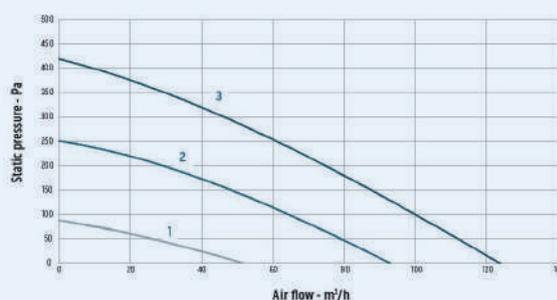
How to convert air-to-air heat pumps without an external unit into complete air treatment units

The special-purpose kit (cod. B1031) allows for a double-flow HRV unit with heat recovery can be integrated into Unico Vertical-NK. In addition to traditional cooling and heating functions, Unico Vertical can also guarantee effective and efficient air renewal, improving indoor air quality and overall system efficiency. The HRV unit is in fact equipped with a high-efficiency enthalpy heat exchanger, featuring cross-flow, counter-current operation.

- A) HRV air intake
- B) Heating/cooling air delivery
- C) HRV air supply
- D) Heating/cooling air return
- E) HRV external air intake
- F) HRV exhaust
- G) External air exhaust in heating/cooling mode
- H) External air intake - heating/cooling



Maximum flow rate @100 Pa	m ³ /h	103
Electrical power consumption (at the maximum flow rate)	W	58
SEC class (local demand control)		A
SEC control (central environment control)		NA
SEC class (manual control - No demand control ventilation)		B
Thermal efficiency		77%
Reference flow rate	m ³ /h	72
Reference pressure difference	Pa	0
Specific power consumption (SPI)	W/m ³ /h	0.389
Sound power level (LWA)	dB(A)	56
Electrical power supply	V/F/Hz	220-240/1/50-60
IP protection rating		X2
Sound pressure @2m(1)	dB(A)	29
Max room temperature	°C	40
HRV kit dimensions (W x H x D)	mm	508 x 932 x 234
Unico + HRV kit dimensions (W x H x D)	mm	517 x 2517 x 255



	Speed%	m ³ /h max
1	40	52
2	70	93
3	100	124

(1) Sound pressure level at 2 m in free field, speed 40%, reported for comparison purposes only.