

# Technical Data Sheet

CODE 12163

## VORT HRI MINI

Ceiling-mounting heat recovery unit

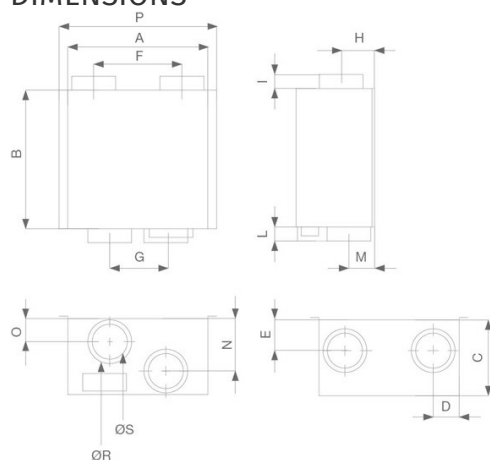


## Certifications

### TECHNICAL AND PERFORMANCE DATA

Absorbed power 1st speed (W)	6	Delivery 1st speed (l/s)	17
Frequency (Hz)	50	Delivery 1st speed (m <sup>3</sup> /h)	64
Insulation Class	I°	Max delivery at max speed (l/s)	34
IP	X2	Max delivery at max speed (m <sup>3</sup> /h)	122
Max. absorbed power at max speed (W)	86	Pressure - 1st speed (mmH2O)	10
Nominal Diameter (mm)	100-125	Pressure - 1st speed (Pa)	100
Voltage (V)	230	Pressure max - max speed (mmH2O)	20
Weight (Kg)	8,3	Pressure max - max speed (Pa)	200

### DIMENSIONS



Dimensione R (mm)	Ø 125
Size A (mm)	400
Size B (mm)	396
Size C (mm)	224
Size D (mm)	74
Size E (mm)	88
Size F (mm)	252
Size G (mm)	160
Size H (mm)	95
Size I (mm)	40
Size L (mm)	40
Size M (mm)	73
Size N (mm)	150
Size O (mm)	66
Size P (mm)	450
Size S (mm)	Ø
	100

#### PER INFORMAZIONI:

Servizio al Cliente: tel +39 02 90699395 premendo 1 dopo messaggio registrato (consulenza su prodotti e impianti)

Pre & Post Vendita: fax +39 02 90699302

Email prevendita: [prevendita@vortice-italy.com](mailto:prevendita@vortice-italy.com)

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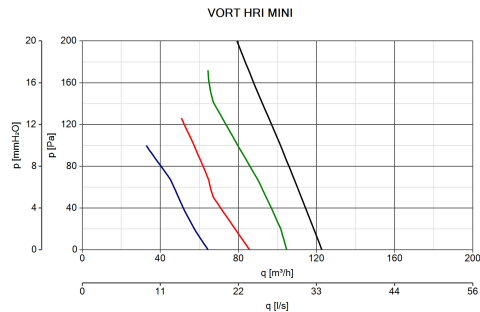
Ceiling-mounting heat recovery unit



### DESCRIPTION

- Zinc-coated pressed steel enclosure; interior lined with sound-absorbent and fire-resistant material.
- Inlet and outlet duct connection ports compatible with nominal diameters of 100 mm and 125 mm.
- 2 x ball bearings EC brushless motors, external rotor, each coupled to a backward curved centrifugal impeller; speeds, selectable independently at the moment of installation and controlled by electronic circuitry capable of monitoring any malfunctions, which are logged by the microchip installed in the unit.
- High-efficiency counter-flow type heat recovery unit fashioned from moulded plastic (PS).
- Remote control that allows:
  - To set min or max speed;
  - To open/close the thermodynamic by-pass,
  - The operation setting (Manual or Automatic) of the product (in Automatic, when light is switched on, the product continues in Auto mode).
- To show, through a dedicated LED light, dirty filters.
- 2 X ISO Coarse 80% (G2) filters, on extracted air (stale) and on (fresh) air supply, both mounted upstream of inner components.
- Condensate drain hose.
- Pipette for connection of drain hoses.
- Condensate collection vessel with overflow protection.
- Mounting brackets for false ceiling installation.
- Air intake grille complete with mesh filter.

### CURVES



### ACCESSORIES



**SCATOLA  
INCASSO TIPO**

**503**

Code 22461



**HRI MINI CB**

Code 12868

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