

Technical Data Sheet

CODE 12219

VORT INVISIBLE MINI TOP

Ceiling-mounting heat recovery unit



Certifications



TECHNICAL AND PERFORMANCE DATA

Filter class on extract	ISO COARSE 45% (G3)	Airflow at 1st speed (l/s)	13,9
Filter class on supply	ISO COARSE 45% (G3)	Airflow at 1st speed (m³/h)	50
Frequency (Hz)	50	Breakout sound power LWA [dB(A)]	53
Insulation class	I°	Breakout sound pressure at 3m at Max speed Lp [dB (A)]	36
IP	X2	Max airflow at Max speed (l/s)	33,3
Max absorbed current at Max speed (A)	0,65	Max airflow at Max speed (m³/h)	120
Max absorbed current at Min speed (A)	0,30	Max pressure (mmH2O)	38,2
Motor class	B	Max pressure (Pa)	375
Nominal diameter (m)	100/125	Max RPM	3900
Nominal power at Max speed (W)	64	Max thermal efficiency (%)	87,0
Nominal power at Min speed (W)	16	Min RPM	1830
Number of phases (Ph)	1	Sound power at exhaust inlet LWA [dB(A)]	53
Voltage (V)	220-240	Sound power at supply outlet LWA [dB(A)]	69
Weight (Kg)	14	Sound pressure at 3m at Max speed at extraction side Lp [dB (A)]	35
		Sound pressure at 3m at Max speed at supply side Lp [dB (A)]	52

DIMENSIONS

Size A (mm)	484
Size B (mm)	440,5
Size C (mm)	218
Size D (mm)	40
Size E (mm)	5
Size F (mm)	250
Size G (mm)	158
Size H (mm)	69
Size I (mm)	69
Size J (mm)	92
Size K (mm)	333
Size L (mm)	513
Size M (mm)	361

PER INFORMAZIONI / FOR INFORMATION

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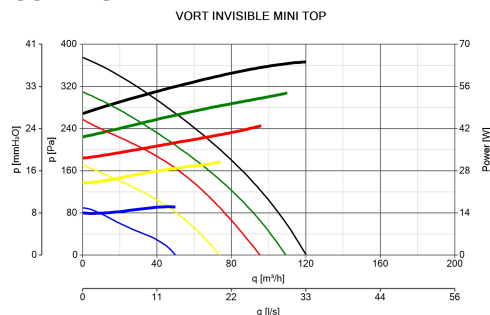


DESCRIPTION

- Steel sheet enclosure, white painted; internal components made of EPP.
- Inlet and outlet duct connection ports compatible with nominal diameters of 100 mm and 125 mm.
- 2 x EC brushless motors, each coupled to a centrifugal impeller; 3 speeds.
- High-efficiency counter-flow type heat exchanger.
- Mechanical automatic by-pass, 100% filtered.
- Advanced electronic suite, easily accessible for first setting and ordinary maintenance operations; functions offered:
 - operating parameters setting (fan speed, relative humidity threshold, etc.),
 - automatic management of the by-pass,
 - no-frost protection of the heat exchanger,
 - automatic management of the (optional) pre-heater, if installed,
 - operation at Vmax inhibition in a pre-set time slot, which can be set at installation (QUIET function); a back-up battery ensures constant updating of the time marked by the clock (RTC - Real Time Clock), even

- in case of power failure,
- possibility to automatically switch to Vmax, linking it to bathroom lighting (BOOST ROOM LIGHT function),
- possibility of managing the automatic switch to a reduced speed (30% less than Vmin), useful to grant the correct air exchange during the long absence of occupants, also limiting consumption (HOLIDAY function),
- filter status monitoring: the need for cleaning / maintenance is shown on the remote control panel display,
- possibility of connection to a presence sensor (PIR), able to automatically manage the switch to Vmax,
- 2 x ISO COARSE 45% (G3) filters, on extracted air (stale) and on (fresh) air supply; ISO COARSE 65% (G4) filter for extraction port, ePM10 50% (M5), ePM1 55% (F7) and ePM1 80% (F9) filters for supply port are available as optional.
- Condensate collection vessel with overflow protection.

CURVES



ACCESSORIES



FTR G3
206X132X5
Code 21805



FTR G4
206X132X5
Code 21806



FTR M5
208X127X25
Code 21802



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**AH 125
(RISCALDATORE
ARIA)**

Code 22797



**ELECTRIC
HEATER 500**

Code 21630



**CB TOUCH LCD
W**

Code 21933