

Technical Data Sheet

CODE 12215

VORT INVISIBLE MINI

Compact mounted heat recovery unit



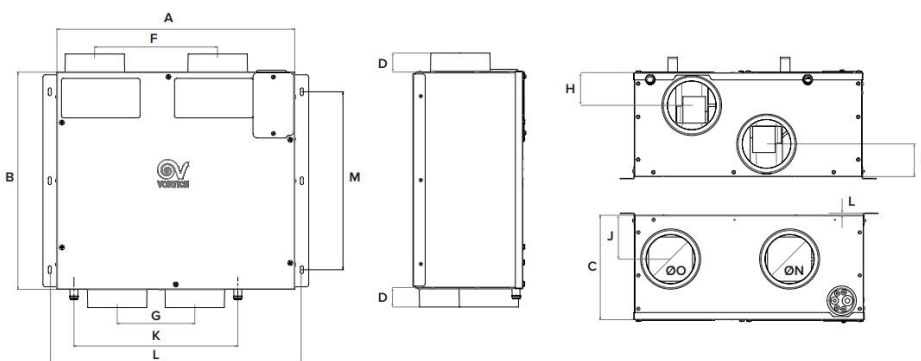
Certifications



TECHNICAL AND PERFORMANCE DATA

Diametro nominale (m)	125	Delivery 1st speed (l/s)	13,9
Filter class for extract air	ISO COARSE 45% (G3)	Delivery 1st speed (m ³ /h)	50
Filter class for supply air	ISO COARSE 45% (G3)	Max delivery at max speed (l/s)	33,3
Frequency (Hz)	50	Max delivery at max speed (m ³ /h)	120
Insulation Class	I°	Maximum thermal efficiency (%)	87,0
IP	X2	Pressure max (mmH2O)	38,2
Max. absorbed Current at max. speed (A)	0,65	Pressure max (Pa)	375
Max. absorbed Current at min. speed (A)	0,30	RPM max	3900
Motor Class	B	RPM min	1830
Nominal Power at max speed (W)	64	Sound power level - radiated Lw [dB(A)]	53
Nominal Power at min speed (W)	16	Sound power level exhaust inlet Lw [dB(A)]	53
Number of Phases (Ph)	1	Sound power level supply outlet Lw [dB(A)]	69
Voltage (V)	220-240	Sound pressure level air extraction Lp [dB (A)] 3m - max speed	35
Weight (Kg)	14	Sound pressure level air supply Lp [dB (A)] 3m - max speed	52
		Sound pressure level radiated Lp [dB (A)] 3m - max speed	36

DIMENSIONS



PRODUCTS	A	B	C	D	E	F	G	H	J	K	L	M	ØO	ØN
VORT INVISIBLE MINI	484	440.5	218	40	40	250	158	69	92	333	513	361	100	125

Dimensions in mm

Pre & Post Sales: 01283 492949
 Email: sales@vortice.itd.uk

Technical Data Sheet

CODE 12215

VORT INVISIBLE MINI

Compact mounted heat recovery unit

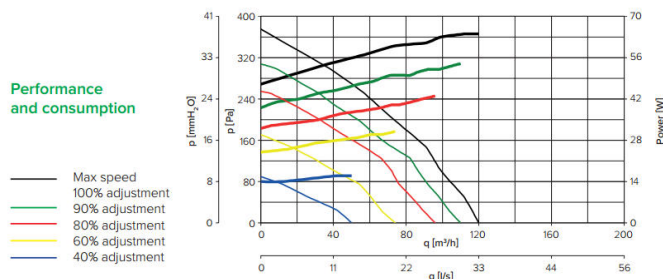


DESCRIPTION

- 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



FTR F7
208X127X25
Code 21803



FTR F9
208X127X25
Code 21804



C SMOKE
Code 12993



C HCS
Code 12994

Pre and Post Sales: tel 01283 492949
Email: sales@vortice.ltd.uk