

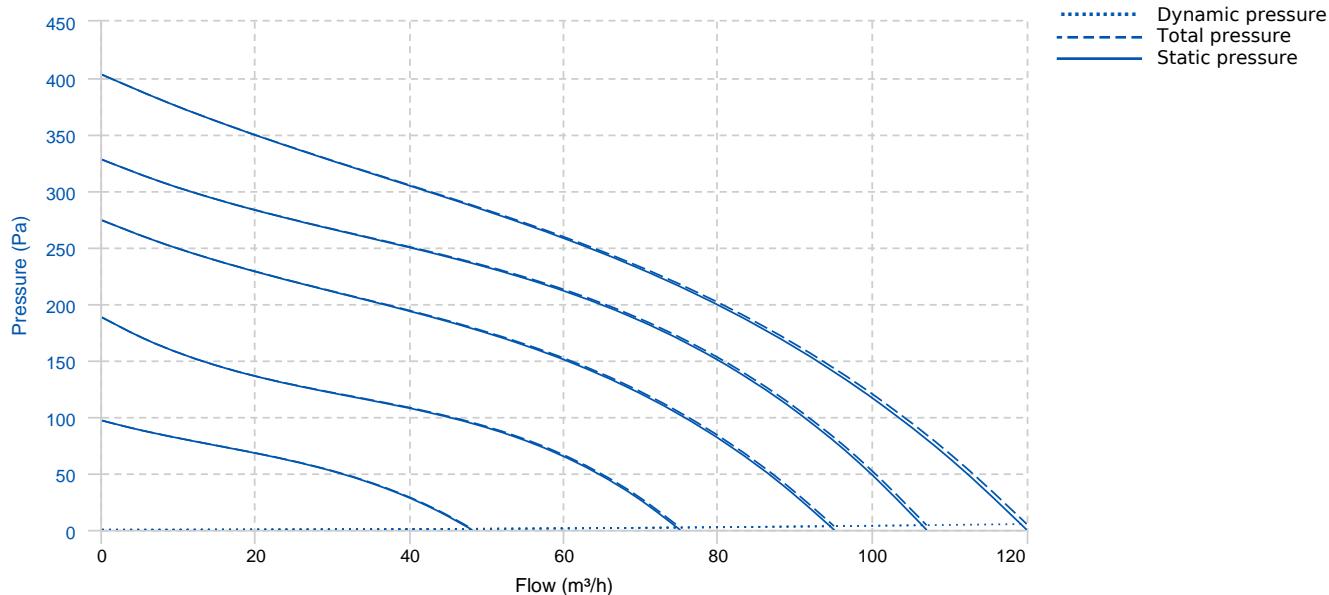
VORT INVISIBLE MINI TOP (EXP) (BP-HCS) (12219)

GENERAL DATA



- White painted steel sheet casing, including bracket fasteners, in galvanized steel sheet, supplied as standard and necessary for the suspended installation of the appliance; internal parts in expanded polypropylene (PPE).
- Inlet and outlet ducts compatible with nominal diameters of 100 mm and 125 mm.
- 2 brushless EC motors, each coupled to a forward centrifugal impeller; 3 independently adjustable speeds, managed by a control electronics that can also monitor any malfunctions that are recorded in the microcontroller on board the machine.
- Counter-current type high efficiency heat exchanger made of plastic material.
- Mechanical by-pass (BP models), 100% filtered, with automatic actuation (EVO and TOP models).
- Relative Humidity Sensor, for automatic management of operating speed (HCS models).
- Automatic activation system to prevent ice formation on the heat exchanger.
- Pair of ISO COARSE filters 45% (G3), placed at the extraction and delivery ducts; optionally ISO COARSE filters 65% (G4) are available for the extraction channel, ePM10 50% (M5), ePM1 55% (F7) and ePM1 80% (F9) for the delivery channel.
- Remote control unit with wired connection, complete with LCD display, for:
 - the initial product setting.
 - the start/shut down of the product.
 - the manual selection of the operating speed, among those previously set.
 - the setting of the function "BOOST ROOM LIGHT": the product automatically passes to Vmax, if connected to the lighting in the bathroom.
 - the display of the selected operating speed.
 - the display of automatic activation of the by-pass.
 - the display of the activation of the defrosting procedure.
 - the display of the automatic activation of the pre-heater (optional) installed.
 - the setting of the transition of operation to Vmax when combined with a presence sensor (PIR).
 - the display of saturated filter condition
 - the display of any error codes.
- Plastic resin condensate recovery tank with overfill sensor.

PERFORMANCE CURVE



TECHNICAL DATA

Fan

RPM

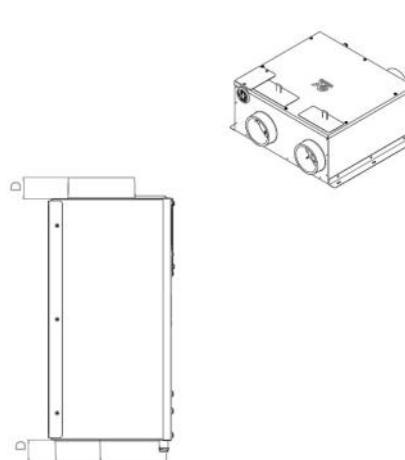
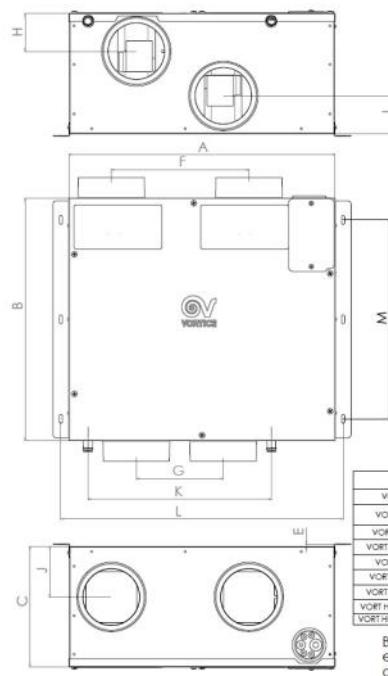
Approx. weight

14 kg

Max. Flow

120 m³/h

DIMENSIONS



| PRODUCT | CODE | A | B | C | D | E | F | G | H | I | J | K | L | M |
|----------------------------------|--------|-----|-------|-----|----|---|-----|-----|----|----|-----|-----|-----|---|
| VORT HRI PHANTOM MINI | 12.211 | | | | | | | | | | | | | |
| VORT HRI PHANTOM MINI BP | 12.212 | | | | | | | | | | | | | |
| VORT HRI PHANTOM MINI HCS | 12.213 | | | | | | | | | | | | | |
| VORT HRI PHANTOM MINI BP HCS | 12.214 | 484 | 440,5 | 218 | 40 | 5 | 250 | 158 | 69 | 92 | 333 | 513 | 361 | |
| VORT HRI PHANTOM MINI UK | 12.215 | | | | | | | | | | | | | |
| VORT HRI PHANTOM MINI BP UK | 12.216 | | | | | | | | | | | | | |
| VORT HRI PHANTOM MINI HCS UK | 12.217 | | | | | | | | | | | | | |
| VORT HRI PHANTOM MINI BP HCS UK | 12.218 | | | | | | | | | | | | | |
| VORT HRI PHANTOM MINI BP HCS EXP | 12.219 | | | | | | | | | | | | | |

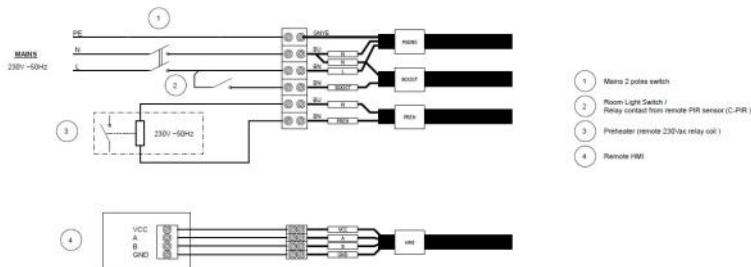
Bocche di connessione alle tubazioni di aspirazione
e mandata compatibili con diametri nominali pari
a 100 mm e 125 mm.



Dimensions (mm)

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

WIRING DIAGRAM



ACCESSORIES

FILTER
FTR EPM10 50% (M5) 208x127x25
REF: 21802

FILTER
FTR EPM1 55% (F7) 208x127x25
REF: 21803

FILTER
FTR EPM1 80% (F9) 208x127x25
REF: 21804

FILTER
FTR ISO COARSE 45% (G3) 206x132x5
REF: 21805

FILTER
FTR ISO COARSE 65% (G4) 206x132x5
REF: 21803

CONTROLLER
CB TOUCH LCD W
REF: 21933