

VORT LETO MEV HCS RANGE

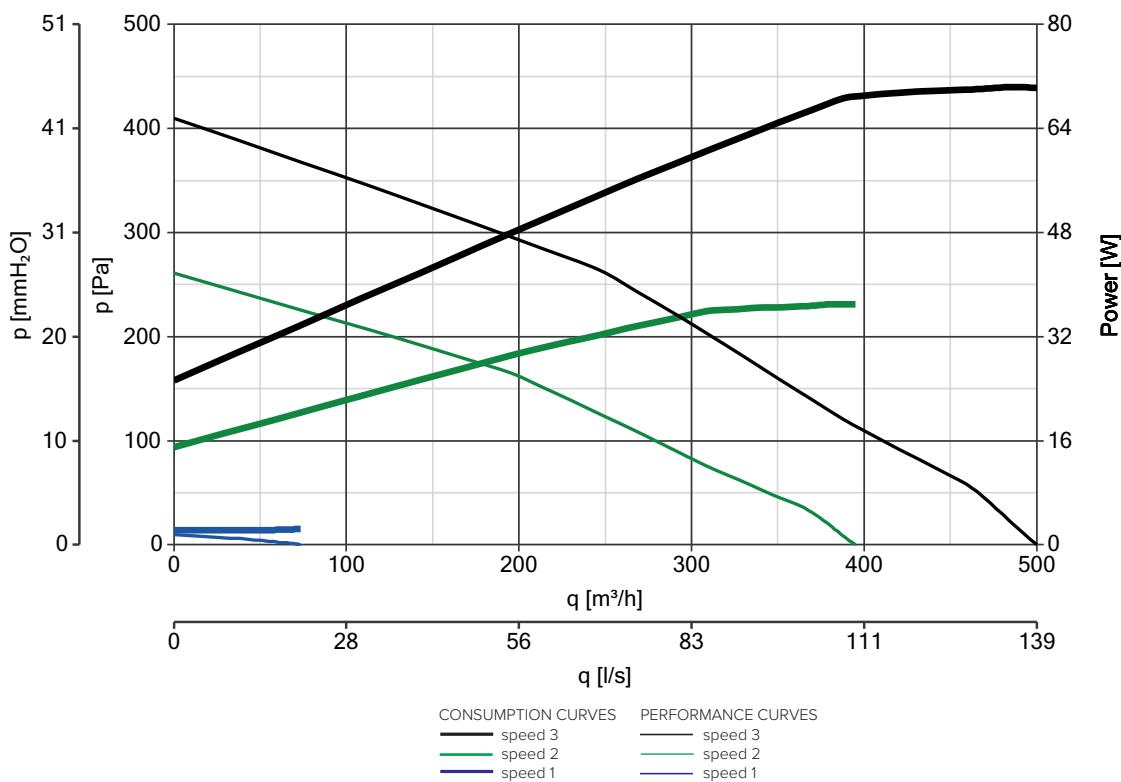


- Centralised mechanical extract unit
- Kitchen + 6 wet rooms
- Integral humidity sensors
- Product Characteristics Database Listed (PCDB)
- Flexible install options - can be mounted in any orientation
- IPX4 rated



Energy efficient

PERFORMANCE AND ABSORPTION

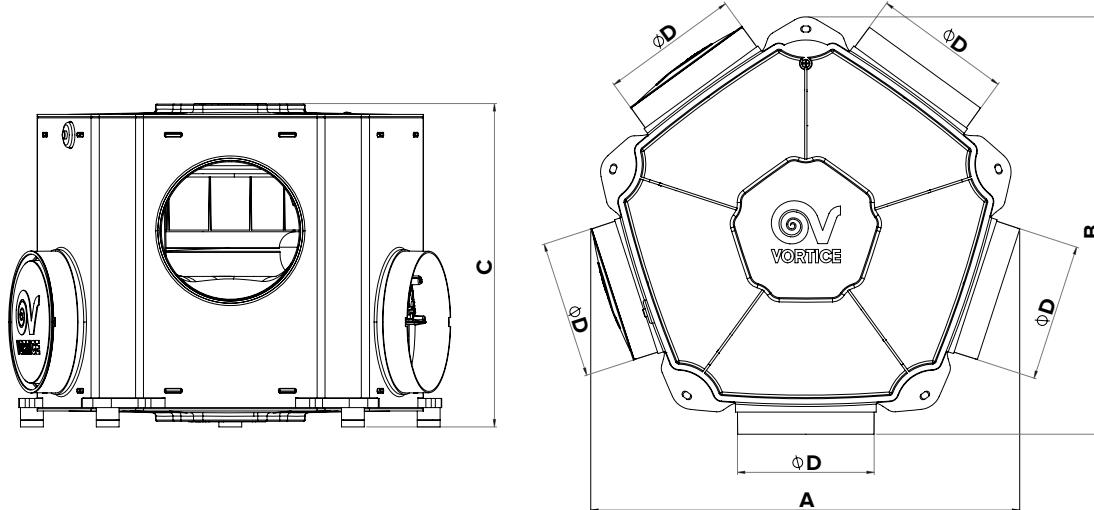




TECHNICAL DATA

| PRODUCTS | CODE | V ~ 50 Hz | W min | W max | A min | A max | AIRFLOW min | AIRFLOW max | PRESSURE min | PRESSURE max | MAX °C | KG | | | | |
|-------------------|-------|-----------------|----------|----------|----------|----------|-------------------|----------------|--------------------|-----------------|--------------------|----|------|-----|----|------|
| | | | | | | | m ³ /h | l/s | mmH ₂ O | Pa | mmH ₂ O | Pa | | | | |
| VORT LETO MEV HCS | 12167 | 230 | 2.5 | 70 | 0.08 | 0.57 | 72 | 20 | 500 | 138.9 | 1.035 | 10 | 41.8 | 410 | 50 | 3.32 |

DIMENSIONS



| PRODUCTS | CODE | A | B | C | D |
|-------------------|-------|-----|-----|-----|-----|
| VORT LETO MEV HCS | 12167 | 387 | 377 | 284 | 125 |

Dimensions in mm

TECHNICAL FEATURES

- **Adaptable to application** with 3 speeds (commissioning required on unit to ensure correct airflows required)
- **Precise speed setting** with potentiometers in order to achieve maximum energy saving
- The product is also equipped with **two relative humidity sensors** (pre-installed on-board the machine and to be set on **kitchen** and **bathroom** air inlets)

The value read by the device sensors relates to the air extracted from the two room serviced by the internal sensors (bathroom and kitchen). If at least one or both sensors exceed the **threshold level set by the dip switch during the installation** (factory default 60%; 70%, 80%, 90%), the internal regulator automatically sets the **BOOST speed** for the motor **for 10 minutes** (fixed, not settable)

After the 10 minutes, the speed goes automatically back to the previously set value, holding there for at least 10 minutes, regardless of the humidity values measured by the sensors
- **IPX4 Rated**

VORT LETO MEV HCS
CENTRALISED MECHANICAL EXTRACT UNIT

PCDB DATA

| EXHAUST TERMINAL CONFIGURATION | FAN SPEED SETTING | SPECIFIC FAN POWER (W/l/s) | EXHAUST TERMINAL CONFIGURATION | FAN SPEED SETTING | TOTAL FLOW RATE (l/s) | TOTAL FLOW RATE WIND CONDITION (l/s) | % REDUCTION OF TOTAL FLOW RATE |
|--------------------------------|-------------------|----------------------------|--------------------------------|-------------------|-----------------------|--------------------------------------|--------------------------------|
| Kitchen +1 additional wet room | 100% variable | 0.18 | Kitchen +1 additional wet room | 100% variable | 21 | 18.9 | 10.0 |
| Kitchen +2 additional wet room | 100% variable | 0.17 | Kitchen +2 additional wet room | 100% variable | 29 | 26.9 | 7.2 |
| Kitchen +3 additional wet room | 100% variable | 0.18 | Kitchen +3 additional wet room | 100% variable | 37 | 35.0 | 5.4 |
| Kitchen +4 additional wet room | 100% variable | 0.22 | Kitchen +4 additional wet room | 100% variable | 45 | 43.2 | 4.0 |
| Kitchen +5 additional wet room | 100% variable | 0.25 | Kitchen +5 additional wet room | 100% variable | 53 | 51.4 | 3.0 |
| Kitchen +6 additional wet room | 100% variable | 0.30 | Kitchen +6 additional wet room | 100% variable | 61 | 59.6 | 2.3 |

