

Technical Data Sheet

CODE 12196

VORT QUADRO DMEV I



Certifications



TECHNICAL AND PERFORMANCE DATA

| | | | |
|---|-------|---|---------|
| Frequency (Hz) | 50 | Voltage (V) | 220-240 |
| Insulation class | II° | Weight (Kg) | 1,95 |
| IP | 45 | Max airflow at Max speed (l/s) | 18,9 |
| Max absorbed current at Max speed (A) | 0,085 | Max airflow at Max speed (m³/h) | 68 |
| Max absorbed power at Max speed (W) | 8 | Max pressure at Max speed (mmH2O) | 20 |
| Max ambient temperature for continuous operation (°C) | 50 | Max pressure at Max speed (Pa) | 196,14 |
| Nominal diameter (mm) | 80 | Max RPM | 1730 |
| Ø Discharge hole (mm) | 70 | Sound power at Min speed LWA [dB(A)] | 52,6 |
| | | Sound pressure at 3m at Max speed Lp [dB (A)] | 35,1 |

DIMENSIONS

| | |
|-------------|------|
| Size A (mm) | 262 |
| Size B (mm) | 262 |
| Size C (mm) | 115 |
| Size D (mm) | 90 |
| Size E (mm) | 80 |
| Size F (mm) | Ø 96 |
| Size G (mm) | Ø 79 |
| Size H (mm) | 71,5 |
| Size I (mm) | 76 |

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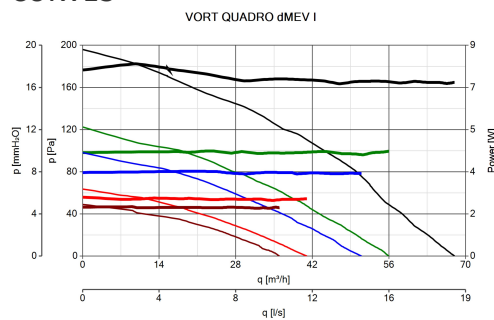
DESCRIPTION

- EC brushless motorfan, with shaft on ball bearings, allowing a minimum continuous running time of 30.000 hours at max rated temperature. Two alternative levels of performances, "Trickle" and "Boost" described in the following:
- Trickle: depending on the room the product is installed, the extractor fan can be set for 4 different pre-set airflow levels;
- Boost: the activation of Boost mode is realized through optional remote switch.
- Centrifugal impeller at variable geometry made of PBT, granting high rigidity, dimensional stability and great resistance to aggressive chemical agents. Its high efficiency, coming from accurate aerodynamic studies, guarantees high-pressure levels.
- Rear casings, made of class E ignitability plastic resin, according to EN

ISO 11925-2:2010

- Aesthetic flat front panel made of class E ignitability plastic resin, realizing the perimeter aspiration, for easy maintenance and cleaning.
- Motor housing made of plastic resin.
- Filter frame made of ABS plastic.
- G2 filter with a clogged filter alarm fully compliant with ErP Regulation N° 1253/2014/UE, 2nd Tier, in force since 1st January 2018.
- Casings for recessed installation; discharge nominal diameter: 80 mm.
- Rubber adapter ring (from 80 mm to 100 mm), to allow the air discharge in 100 mm ducts.

CURVES



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