

# Technical Data Sheet

CODE 12023

## SUPER I

Centrifugal duct fans for flush mounting



### Certifications



IMQ



IMQ Performance



CCC

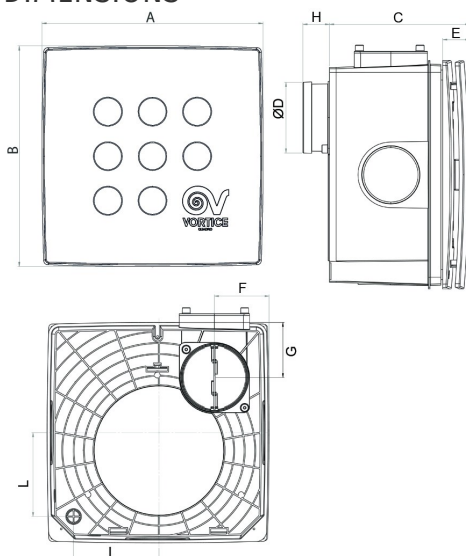


EAC

### TECHNICAL AND PERFORMANCE DATA

|   |         |   |      |
|---|---------|---|------|
| Absorbed power 1st speed (W)                          | 50      | Delivery 1st speed (m <sup>3</sup> /h)                      | 140  |
| Frequency (Hz)  | 50      | Max delivery at max speed (l/s)                             | 79   |
| Insulation Class                                      | II°     | Max delivery at max speed (m <sup>3</sup> /h)               | 285  |
| IP  | X4      | Pressure - 1st speed (mmH2O)                                | 20   |
| Max ambient temperature for continuous operation (°C) | 50      | Pressure - 1st speed (Pa)                                   | 196  |
| Max. absorbed Current at max. speed (A)               | 0,5     | Pressure max - max speed (mmH2O)                            | 48   |
| Max. absorbed Current at min. speed (A)               | 0,36    | Pressure max - max speed (Pa)                               | 476  |
| Max. absorbed power at max speed (W)                  | 115     | RPM max   | 2160 |
| Nominal Diameter (mm)                                 | 100     | RPM min   | 1300 |
| ∅ Discharge Hole (mm)                                 | 97      | Sound pressure level Lp [dB (A)] 3m - max speed             | 46,7 |
| Voltage (V)   | 220-240 | Sound pressure level Lp [dB (A)] 3m - min speed             | 33,6 |
| Weight (Kg)   | 4,27    | Sound pressure level side extraction [dB(A)] 3m - max speed | 44,6 |
| Delivery 1st speed (l/s)                              | 38      | Sound pressure level side extraction [dB(A)] 3m - min speed | 30   |

### DIMENSIONS



|             |     |
|-------------|-----|
| Size A (mm) | 314 |
| Size B (mm) | 314 |
| Size C (mm) | 190 |
| Size D (mm) | 97  |
| Size E (mm) | 37  |
| Size F (mm) | 76  |
| Size G (mm) | 79  |
| Size H (mm) | 37  |
| Size I (mm) | 120 |
| Size L (mm) | 120 |

#### PER INFORMAZIONI:

**Servizio al Cliente:** tel +39 02 90699395 premando 1 dopo messaggio registrato (consulenza su prodotti e impianti)

**Pre & Post Vendita:** fax +39 02 90699302

**Email prevendita:** prevendita@vortice-italy.com

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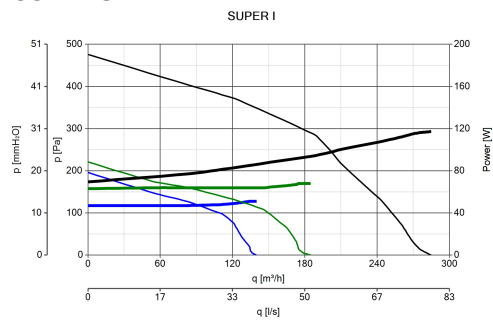
Centrifugal duct fans for flush mounting



### DESCRIPTION

- Material used for parts not recessed into wall: white ABS plastic.
- Material used for parts recessed into wall: talc-filled black plastic (PP) giving added strength.
- Nominal diameter 100 mm.
- 3 speed fan through TRIO-S controller (code 12871), consisting of:
  - capacitor start induction motor equipped with thermal overload cutout and self-lubricating bushings,
  - forward centrifugal impeller.

### CURVES



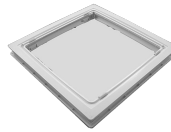
### ACCESSORIES



**SCNRB  
SCAT.COM.NON  
REV.INCASSO**  
Code 12971



**DEVIATORE DI  
FLUSSO M 10/4**  
Code 22310



**KIT SOFFITTO  
SUPER**  
Code 22493



**TRIO-S**  
Code 12871

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