

# Technical Data Sheet

CODE 11945

## MICRO 100 T HCS

Centrifugal duct fans



### Certifications



IMQ



CE



IMQ Performance



EAC

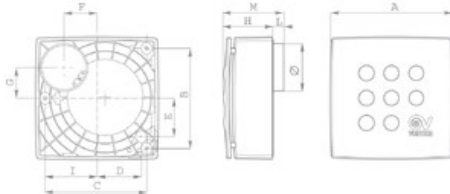


UKCA

### TECHNICAL AND PERFORMANCE DATA

|   |         |  |      |
|---|---------|--|------|
| Frequency (Hz)  | 50      | Airflow at 1st speed (l/s)                                   | 18   |
| Insulation class                                      | II°     | Airflow at 1st speed (m³/h)                                  | 65   |
| IP  | X4      | Max airflow at Max speed (l/s)                               | 25   |
| Max absorbed current at Max speed (A)                 | 0,13    | Max airflow at Max speed (m³/h)                              | 90   |
| Max absorbed current at Min speed (A)                 | 0,10    | Max pressure at Max speed (mmH2O)                            | 22   |
| Max absorbed power at Max speed (W)                   | 28      | Max pressure at Max speed (Pa)                               | 216  |
| Max ambient temperature for continuous operation (°C) | 50      | Max RPM  | 1600 |
| Nominal diameter (mm)                                 | 100     | Min RPM  | 1180 |
| Ø Discharge hole (mm)                                 | 92,5/97 | Pressure at 1st speed (mmH2O)                                | 16   |
| Power absorbed at 1st speed (W)                       | 20      | Pressure at 1st speed (Pa)                                   | 157  |
| Voltage (V)   | 220-240 | Sound pressure at 3 m - min speed Lp [dB (A)] 3m - min speed | 32,3 |
| Weight (Kg)   | 1,82    | Sound pressure at 3m at Max speed Lp [dB (A)]                | 39,2 |

### DIMENSIONS



|             |     |
|-------------|-----|
| Size A (mm) | 239 |
| Size B (mm) | 195 |
| Size C (mm) | 197 |
| Size D (mm) | 85  |
| Size E (mm) | 74  |
| Size F (mm) | 64  |
| Size G (mm) | 60  |
| Size H (mm) | 97  |
| Size I (mm) | 100 |
| Size L (mm) | 20  |
| Size T (mm) | 117 |

### PER INFORMAZIONI / FOR INFORMATION

#### ITALY

Pre Sales:

prevendita@vortice-italy.com

After Sales:

postvendita@vortice-italy.com

#### UNITED KINGDOM & REP. OF

IRELAND

Sales Dept:

sales@vortice.ltd.uk

Technical Dept:

technical@vortice.ltd.uk

#### OTHER COUNTRIES

Sales Dept:

export@vortice-italy.com

After Sales:

after-sales@vortice-italy.com

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## MICRO 100 T HCS

Centrifugal duct fans



### DESCRIPTION

- Material: white ABS plastic
- Capacitor start 2-speed induction motor coupled to a forward bladed centrifugal impeller. Equipped with thermal overload cutout and self-lubricating bushings.
- Nominal diameter 100 mm.
- Electronic pcb with humidistat function piloted by RH% sensor (4 preset thresholds: 60%, 70%, 80%, 90%, selectable during installation),

designed to switch on the fan automatically. The pcb incorporates an electronic timer that shuts off the motor automatically when relative humidity returns below the threshold value. The timer setting is selectable during installation in the range 3'-20' (default setting 3').

- IMQ SAFETY and IMQ PERFORMANCE certifications.

### CURVES

□

### ACCESSORIES



#### **DEVIATORE DI FLUSSO M 10/4**

Code 22310

### PER INFORMAZIONI / FOR INFORMATION

#### ITALY

Pre Sales:  
[prevendita@vortice-italy.com](mailto:prevendita@vortice-italy.com)  
After Sales:  
[postvendita@vortice-italy.com](mailto:postvendita@vortice-italy.com)

#### OTHER COUNTRIES

Sales Dept:  
[export@vortice-italy.com](mailto:export@vortice-italy.com)  
After Sales:  
[after-sales@vortice-italy.com](mailto:after-sales@vortice-italy.com)

#### UNITED KINGDOM & REP. OF IRELAND

Sales Dept:  
[sales@vortice.ltd.uk](mailto:sales@vortice.ltd.uk)  
Technical Dept:  
[technical@vortice.ltd.uk](mailto:technical@vortice.ltd.uk)