

# Technical Data Sheet

CODE 11989

## SUPER T HCS

Centrifugal duct fans



### Certifications



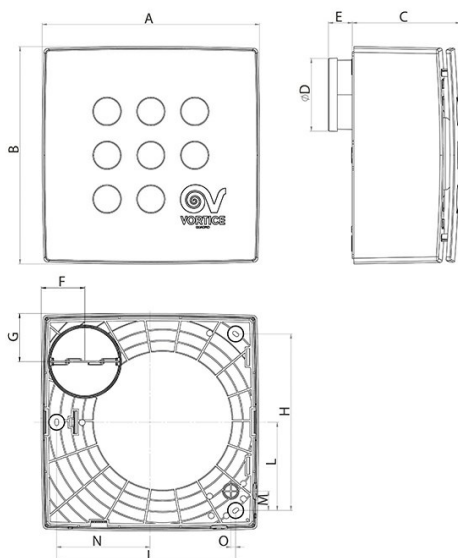
IMQ Performance



### TECHNICAL AND PERFORMANCE DATA

Absorbed power 1st speed (W)	50	Delivery 1st speed (l/s)	38
Frequency (Hz)	50	Delivery 1st speed (m <sup>3</sup> /h)	140
Insulation Class	II°	Max delivery at max speed (l/s)	77
IP	X4	Max delivery at max speed (m <sup>3</sup> /h)	280
Max ambient temperature for continuous operation (°C)	50	Pressure - 1st speed (mmH2O)	23
Max. absorbed Current at max. speed (A)	0,5	Pressure - 1st speed (Pa)	226
Max. absorbed Current at min. speed (A)	0,36	Pressure max - max speed (mmH2O)	50
Max. absorbed power at max speed (W)	105	Pressure max - max speed (Pa)	490
Nominal Diameter (mm)	100	RPM max	2200
∅ Discharge Hole (mm)	97	RPM min	1400
Voltage (V)	220-240	Sound pressure level Lp [dB (A)] 3m - max speed	48,6
Weight (Kg)	3,77	Sound pressure level Lp [dB (A)] 3m - min speed	41,9

### DIMENSIONS



Size A (mm)	290
Size B (mm)	290
Size C (mm)	144
Size D (mm)	∅ 97
Size E (mm)	31
Size F (mm)	58
Size G (mm)	64
Size H (mm)	236
Size I (mm)	239
Size L (mm)	118
Size M (mm)	26
Size N (mm)	125
Size O (mm)	6,5

#### PER INFORMAZIONI:

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

Pre & Post Vendita: fax +39 02 90699302

Email prevendita: [prevendita@vortice-italy.com](mailto:prevendita@vortice-italy.com)

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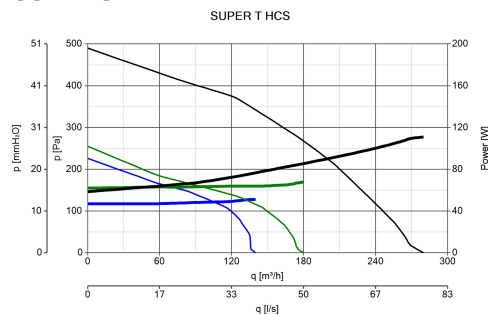


### DESCRIPTION

- Material: white ABS plastic
- 3 speed fan through optional TRIO-S controller (code 12871), consisting of:
  - capacitor start induction motor equipped with thermal overload cutout and self-lubricating bushings,
  - forward centrifugal impeller.
- 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').

### CURVES



### ACCESSORIES



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



**TRIO-S**  
Code 12871

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