

Technical Data Sheet

CODE 11989

SUPER T HCS

Centrifugal duct fans



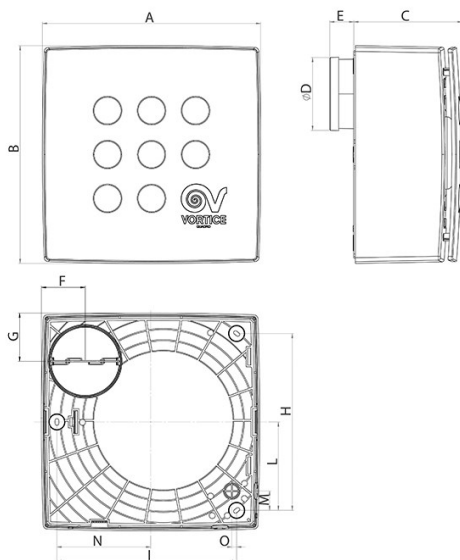
Certifications



TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Airflow at 1st speed (l/s)	38
Insulation class	II°	Airflow at 1st speed (m³/h)	140
IP	X4	Max airflow at Max speed (l/s)	77
Max absorbed current at Max speed (A)	0,5	Max airflow at Max speed (m³/h)	280
Max absorbed current at Min speed (A)	0,36	Max pressure at Max speed (mmH2O)	50
Max absorbed power at Max speed (W)	105	Max pressure at Max speed (Pa)	490
Max ambient temperature for continuous operation (°C)	50	Max RPM	2200
Nominal diameter (mm)	100	Min RPM	1400
∅ Discharge hole (mm)	97	Pressure at 1st speed (mmH2O)	23
Power absorbed at 1st speed (W)	50	Pressure at 1st speed (Pa)	226
Voltage (V)	220-240	Sound pressure at 3 m - min speed Lp [dB (A)] 3m - min speed	41,9
Weight (Kg)	3,77	Sound pressure at 3m at Max speed Lp [dB (A)]	48,6

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

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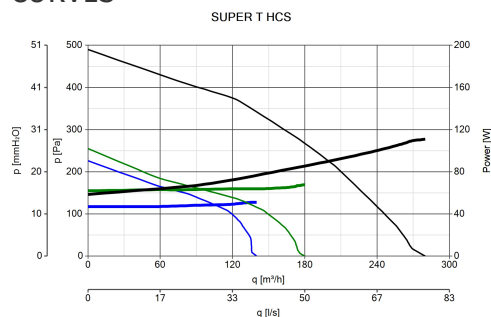


DESCRIPTION

- Material: white ABS plastic
- 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.
- 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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