

Technical Data Sheet

CODE 12067

SUPER I T HCS

Centrifugal duct fans for flush mounting



Certifications



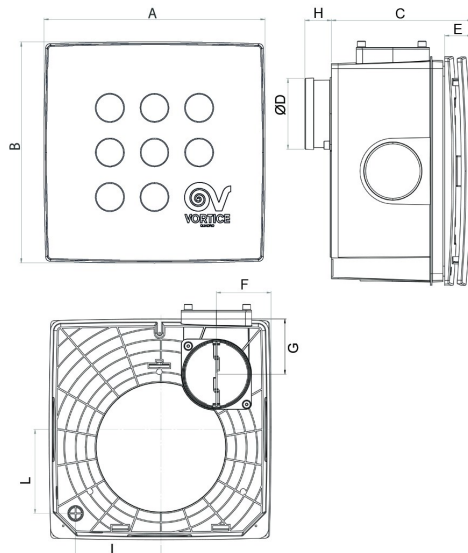
IMQ Performance



TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Airflow at 1st speed (m ³ /h)	140
Insulation class	II°	Max airflow at Max speed (l/s)	79
IP	X4	Max airflow at Max speed (m ³ /h)	285
Max absorbed current at Max speed (A)	0,5	Max pressure at Max speed (mmH20)	48
Max absorbed current at Min speed (A)	0,36	Max pressure at Max speed (Pa)	476
Max absorbed power at Max speed (W)	115	Max RPM	2160
Max ambient temperature for continuous operation (°C)	50	Min RPM	1300
Nominal diameter (mm)	100	Pressure at 1st speed (mmH20)	20
Ø Discharge hole (mm)	97	Pressure at 1st speed (Pa)	196
Power absorbed at 1st speed (W)	50	Sound pressure at 3 m - min speed Lp [dB (A)] 3m - min speed	33,6
Voltage (V)	220-240	Sound pressure at 3m at Max speed Lp [dB (A)]	46,7
Weight (Kg)	4,27	Sound pressure level at 3 m at Max speed on extraction side [dB(A)]	44,6
Airflow at 1st speed (l/s)	38	Sound pressure level at 3 m at Min speed on extraction side [dB(A)]	30

DIMENSIONS



Size A (mm)	314
Size B (mm)	314
Size C (mm)	190
Size D (mm)	Ø 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

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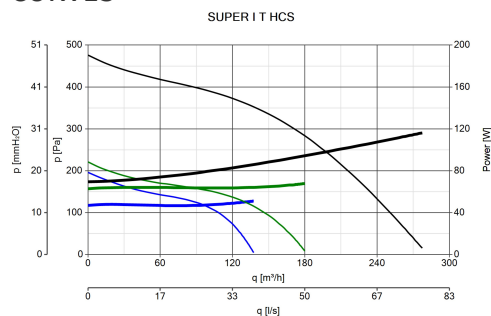
Centrifugal duct fans for flush mounting



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.
- 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

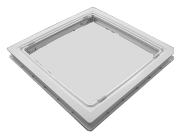


ACCESSORIES



DEVIATORE DI FLUSSO M 10/4

Code 22310



KIT SOFFITTO SUPER

Code 22493



TRIO-S

Code 12871

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