

# Technical Data Sheet

CODE 12066

## MEDIO I T HCS

Centrifugal duct fans for flush mounting



### Certifications



IMQ



CE



IMQ Performance

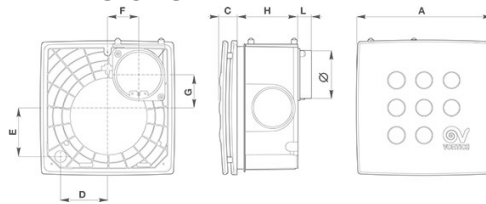


EAC

### TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Airflow at 1st speed (m <sup>3</sup> /h)	70
Insulation class	II°	Max airflow at Max speed (l/s)	34
IP	X4	Max airflow at Max speed (m <sup>3</sup> /h)	122
Max absorbed current at Max speed (A)	0,18	Max pressure at Max speed (mmH2O)	34
Max absorbed current at Min speed (A)	0,14	Max pressure at Max speed (Pa)	331
Max absorbed power at Max speed (W)	29	Max RPM	1890
Max ambient temperature for continuous operation (°C)	50	Min RPM	1150
Nominal diameter (mm)	100	Pressure at 1st speed (mmH2O)	21
∅ Discharge hole (mm)	97	Pressure at 1st speed (Pa)	206
Power absorbed at 1st speed (W)	25	Sound pressure at 3 m - min speed Lp [dB (A)] 3m - min speed	41,2
Voltage (V)	220-240	Sound pressure at 3m at Max speed Lp [dB (A)]	35,9
Weight (Kg)	2,8	Sound pressure level at 3 m at Max speed on extraction side [dB(A)]	39,6
Airflow at 1st speed (l/s)	19	Sound pressure level at 3 m at Min speed on extraction side [dB(A)]	33,4

### DIMENSIONS



Size A (mm)	287
Size C (mm)	37
Size D (mm)	97
Size E (mm)	103
Size F (mm)	72
Size G (mm)	69
Size H (mm)	130
Size L (mm)	26

### PER INFORMAZIONI / FOR INFORMATION

#### ITALY

Pre Sales:  
prevendita@vortice-italy.com  
After Sales:  
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## MEDIO I T HCS

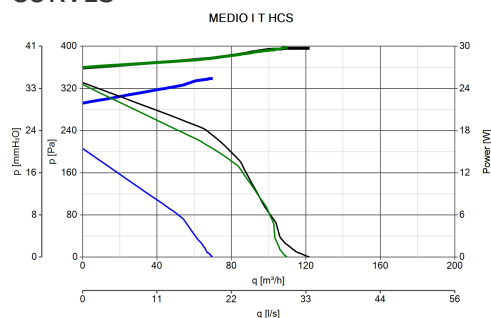
Centrifugal duct fans for flush mounting



### 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.
- Capacitor start 2-speed induction motor coupled to a forward bladed centrifugal impeller, with thermal overload cutout and self-lubricating bushings.
- Minimum air flow 130 m<sup>3</sup>/h  
Maximum air flow 180 m<sup>3</sup>/h
- 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

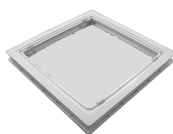


### ACCESSORIES



#### DEVIATORE DI FLUSSO M 10/4

Code 22310



#### KIT SOFFITTO MEDIO

Code 22492

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