

# Technical Data Sheet

CODE 16270

## CA IL 100 QUIET ES

Low profile sound proof and energy saving  
in-line centrifugal fans



## Certifications

### TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Voltage (V)	230
Insulation Class	I°	Weight (Kg)	5,4
Max ambient temperature for continuous operation (°C)	40	Delivery max (l/s)	86,1
Motor Class	B	Delivery max (m³/h)	310
Motor IP protection	44	Pressure max (mmH2O)	71,4
Nominal Current at max speed (A)	0,73	Pressure max (Pa)	700
Nominal Diameter (mm)	100	Sound power level - radiated Lw [dB(A)]	59
Nominal Power at max speed (W)	85	Sound power level exhaust inlet Lw [dB(A)]	61
		Sound power level supply outlet Lw [dB(A)]	72

### DIMENSIONS

Diametro $\phi$ (mm)	100
Size A (mm)	134
Size B (mm)	203
Size C (mm)	427
Size D (mm)	307
Size E (mm)	411.5

#### 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)

# Technical Data Sheet

CODE 16270

## CA IL 100 QUIET ES

Low profile sound proof and energy saving  
in-line centrifugal fans

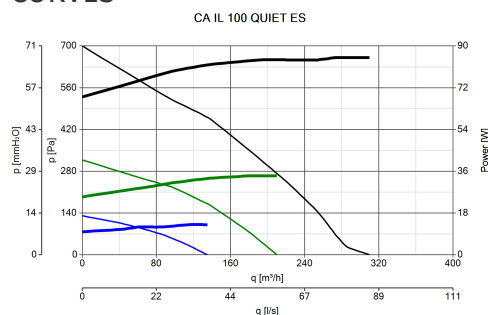


### DESCRIPTION

- Casing and motor-support made of galvanized sheet steel; lined internally with melamine sound-proof panel (thickness 50 mm).
- Circular spigots for connection to standard tubes, equipped with double lip rubber seal for perfect air tightness.
- Nominal diameter: 100 mm.
- External rotor EC (brushless) motorfan, with shaft turning in ball bearings, coupled to a backward curved centrifugal impeller; speed adjustable through potentiometer (0-10V signal).

- Galvanized steel sheet brackets, directly coupled to casing.
- 3 alternative installation: wall, ceiling and false-ceiling.
- Easy maintenance: motor is directly fixed to the cover, in turn hinged to the casing, allowing easy external rotation and motorfan direct access.
- Protection against dust and water: IP44.
- Electric insulation class: I (grounding is required).

### CURVES



### ACCESSORIES



**POT**  
Code 12828



**GR 100**  
Code 21177



**FS 100**  
Code 21182



**POT-IT**  
Code 12826

#### 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)