

# Technical Data Sheet

CODE 16260

## CA IL 100 QUIET

Low profile sound proof in-line centrifugal fans



## Certifications



## TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Number of speeds	3
Insulation Class	I°	Voltage (V)	230
Max ambient temperature for continuous operation (°C)	40	Weight (Kg)	5,6
Motor Class	B	Delivery max (l/s)	69
Motor IP protection	44	Delivery max (m³/h)	250
Nominal Current at max speed (A)	0,22	Pressure max (mmH2O)	35,7
Nominal Current at min speed (A)	0,16	Pressure max (Pa)	350
Nominal Diameter (mm)	100	Sound power level - radiated Lw [dB(A)]	51
Nominal Power at max speed (W)	50	Sound power level exhaust inlet Lw [dB(A)]	52
Nominal Power at min speed (W)	18	Sound power level supply outlet Lw [dB(A)]	63

## DIMENSIONS

Diametro Ø (mm)	100
Size A (mm)	427
Size B (mm)	203
Size C (mm)	411,5
Size D (mm)	307
Size E (mm)	134

### 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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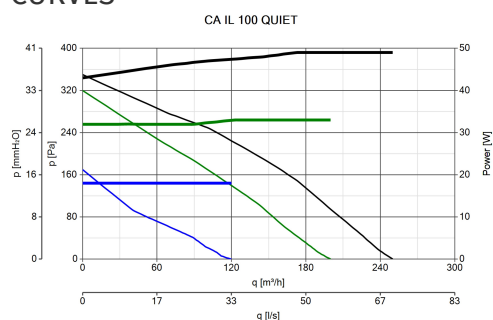
### DESCRIPTION

- 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 AC motorfan, with shaft turning in ball bearings, coupled to a backward curved centrifugal impeller.
- Galvanized steel sheet brackets, directly coupled to casing.
- Electric connection box accomodating capacitors, molded with shock-proof plastic resin resistant against aggressive agents, integrating cable

cages and cable glands to ensure high protection (IP55) against dust and water.

- 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



#### C 1.5 (COMANDO EL. 1.5 A)

Code 12966



#### GR 100

Code 21177



#### FS 100

Code 21182



#### TRIO D

Code 12866



#### IREM D

Code 12867

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