

# Technical Data Sheet

CODE 16263

## CA IL 160 Q 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)	6,2
Motor Class	B	Delivery max (l/s)	97
Motor IP protection	44	Delivery max (m³/h)	350
Nominal Current at max speed (A)	0,23	Pressure max (mmH2O)	30,6
Nominal Current at min speed (A)	0,16	Pressure max (Pa)	300
Nominal Diameter (mm)	160	Sound power level - radiated Lw [dB(A)]	49
Nominal Power at max speed (W)	50	Sound power level exhaust inlet Lw [dB(A)]	51
Nominal Power at min speed (W)	18	Sound power level supply outlet Lw [dB(A)]	64

## DIMENSIONS

Diametro Ø (mm)	160
Size A (mm)	490
Size B (mm)	238
Size C (mm)	467
Size D (mm)	362
Size E (mm)	138

### 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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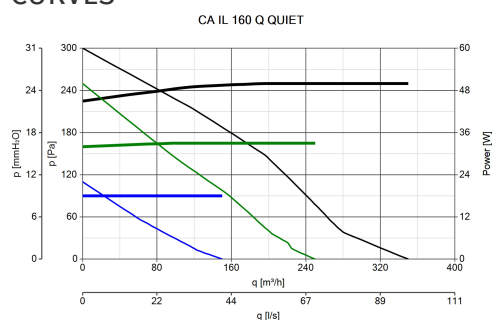
### DESCRIPTION

- 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: 160 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



**TRA 250**  
**(TELAIO CON**  
**RETE ANTINF.)**

Code 51150



**PGR 250**  
**(PERSIANA**  
**GRAVITA')**

Code 50150



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

Code 12966



**GR 160**

Code 21180



**FS 160**

Code 21185



**TRIO D**

Code 12866



**IREM D**

Code 12867

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