

# Technical Data Sheet

CODE 16251

## CA IL 125

Compact flat in-line centrifugal fans



### Certifications

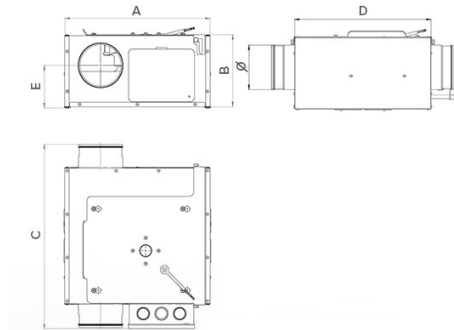
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### TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Number of speeds	3
Insulation class	I°	Voltage (V)	230
Max ambient temperature for continuous operation (°C)	40	Weight (Kg)	5,4
Motor ATEX marking	44	Breakout sound power LWA [dB(A)]	51
Motor class	B	Max airflow (l/s)	86,1
Nominal current at Max speed (A)	0,22	Max airflow (m <sup>3</sup> /h)	310
Nominal current at Min speed (A)	0,16	Max pressure (mmH2O)	35,7
Nominal diameter (mm)	125	Max pressure (Pa)	350
Nominal power at Max speed (W)	50	Sound power at exhaust inlet LWA [dB(A)]	60
Nominal power at Min speed (W)	18	Sound power at supply outlet LWA [dB(A)]	72

### DIMENSIONS



Ø (mm)	125
Size A (mm)	327
Size B (mm)	163
Size C (mm)	411,5
Size D (mm)	307
Size E (mm)	80,5

### PER INFORMAZIONI / FOR INFORMATION

#### ITALY

Pre Sales:

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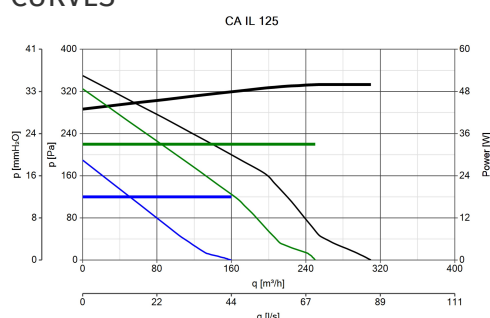
### DESCRIPTION

- Casing and motor-support made of galvanized sheet steel; lined internally with PE sound-proof panel (thickness 10 mm).
- Circular spigots for connection to standard tubes, equipped with double lip rubber seal for perfect air tightness.
- Nominal diameter: 125 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 125

Code 21178



#### FS 125

Code 21183



#### TRIO D

Code 12866



#### IREM D

Code 12867

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#### ITALY

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