

Technical Data Sheet

CODE 16260

CA IL 100 QUIET

Low profile sound proof in-line centrifugal fans



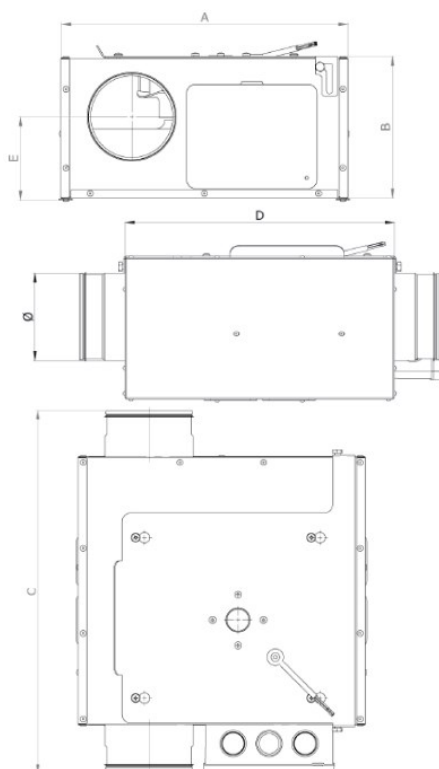
Certifications



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	Breakout sound power LWA [dB(A)]	51
Motor protection IP	44	Max airflow (l/s)	69
Nominal current at Max speed (A)	0,22	Max airflow (m³/h)	250
Nominal current at Min speed (A)	0,16	Max pressure (mmH2O)	35,7
Nominal diameter (mm)	100	Max pressure (Pa)	350
Nominal power at Max speed (W)	50	Sound power at exhaust inlet LWA [dB(A)]	52
Nominal power at Min speed (W)	18	Sound power at supply outlet LWA [dB(A)]	63

Dimensions



Ø (mm)	100
Size A (mm)	427
Size B (mm)	203
Size C (mm)	411.5
Size D (mm)	307
Size E (mm)	134

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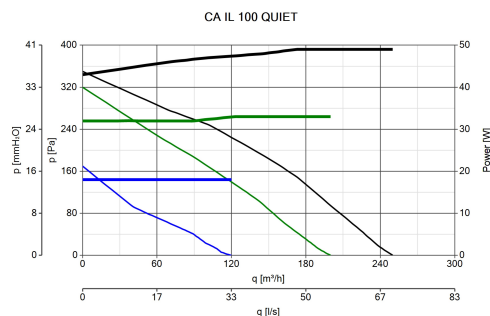
Description

- 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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