



Acoustic cabinet fans specifically designed to provide ventilation solutions for dwelling applications.

- Low profile acoustic cabinet fans with sound absorbent insulation.
- Square duct connection flange on the inlet.
- Backdraught shutter fitted on the outlet.
- Suitable for mounting in any orientation and operation within ambient air temperatures between -15°C up to +55°C.

Construction

- Fan casing manufactured from heavy gauge sheet steel and internally lined with 7 mm thickness of melamine foam.
- High efficiency direct drive backward centrifugal impeller made by recycled plastics.
- IP54, class F external rotor motor with thermal overload protection, suitable for single phase supply 230V/50-60Hz.
- Fan supplies with four mounting feet and external connection box to ease the installation.



High efficiency backward centrifugal impeller made by recycled plastics



IP55
External connection box.

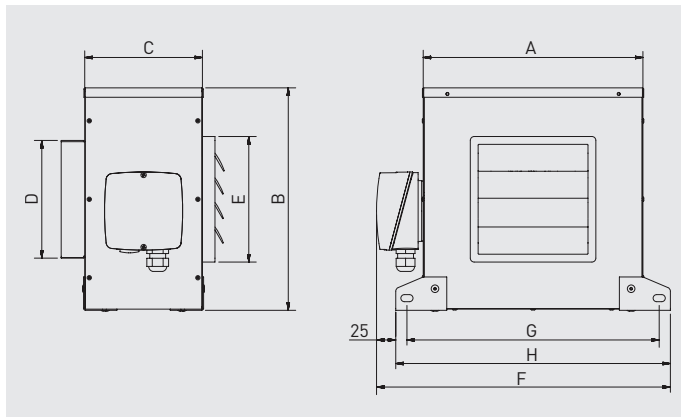
TECHNICAL CHARACTERISTICS

Before installation check that the product electrical characteristics listed on the data plate label (voltage, power, frequency, etc.) match those of the intended electrical supply.

| Model | Fan size (V/Hz) | Speed (r.p.m.) | Maximum absorbed power (W) | Maximum absorbed current at 230V (A) | Maximum airflow (m ³ /h) | Sound pressure level at 1,5 m * (dB(A)) | | Weight (kg) |
|-----------|-----------------|----------------|----------------------------|--------------------------------------|-------------------------------------|---|--------|-------------|
| | | | | | | Inlet | Outlet | |
| CAB-100-E | 230/50 | 2690 | 34 | 0,1 | 270 | 45 | 41 | 3,7 |
| | 230/60 | 3100 | 40 | 0,2 | 290 | 49 | 44 | |
| CAB-125-E | 230/50 | 2730 | 62 | 0,3 | 410 | 54 | 50 | 5,1 |
| | 230/60 | 3060 | 84 | 0,4 | 440 | 55 | 51 | |
| CAB-160-E | 230/50 | 2700 | 103 | 0,4 | 710 | 59 | 55 | 6,7 |
| | 230/60 | 2700 | 143 | 0,6 | 730 | 60 | 56 | |
| CAB-200-E | 230/50 | 2760 | 151 | 0,6 | 980 | 60 | 56 | 7,9 |
| | 230/60 | 3110 | 213 | 0,9 | 1070 | 60 | 57 | |
| CAB-250-E | 230/50 | 2690 | 304 | 0,9 | 1190 | 63 | 60 | 9,1 |
| | 230/60 | 2950 | 305 | 1,3 | 1330 | 64 | 61 | |

*Sound pressure level measured in free field condition at 1,5m, at the medium working point on the performance curve.

DIMENSIONS (mm)



| Model | A | B | C | D | E | F | G | H |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|
| CAB-100-E | 280 | 284 | 150 | 150 | 160 | 375 | 322 | 350 |
| CAB-125-E | 333 | 336 | 175 | 165 | 194 | 427 | 374 | 403 |
| CAB-160-E | 385 | 389 | 200 | 200 | 240 | 480 | 427 | 455 |
| CAB-200-E | 394 | 397 | 235 | 225 | 289 | 488 | 435 | 464 |
| CAB-250-E | 438 | 441 | 245 | 290 | 346 | 533 | 480 | 508 |

PERFORMANCE CURVES

- q_v : Airflow in m^3/h .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.
- Sound pressure levels (L_p dB(A)) measured at inlet, at 1,5 meters distance.

