

Description

The CBB Series are cabinet fans that use direct driven blowers. All cabinet fans come with single-phase 3-speed motors. Without the losses suffered by belt-driven blowers, the CBB series transfers all torque from the motor directly to the blowers to give higher efficiency and lower power consumption.

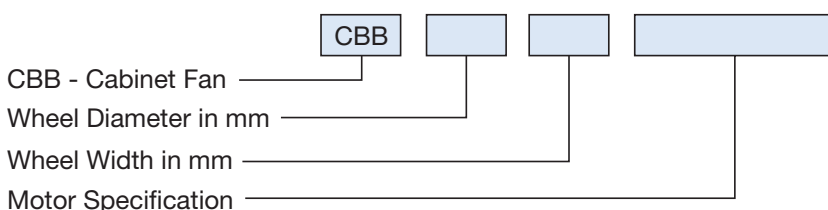
Suitable for use in buildings and spaces where materials need to be fire retardant, motors are totally enclosed and insulation material meet Fire Department specification - BS 476 part 6, BS 476 part 7, ASTM D 1667, ASTM C 158, ASTM C 272 and ASTM E 96. Material of the cabinet, blower and scroll is RoHS compliant Galvanised Steel.

These cabinet fans are fixed with internal insulation lining to create a more comfortable experience for users, with reduced external noise. For flexibility of installation two types of mounting are provided, so units can be fixed either from the bottom or side of the cabinet. Junction boxes are interchanged between the right and left side of the cabinet. Top and side panels are detachable for easy maintenance.

Features

- Come with single-phase 3-speed motors.
- High efficiency and lower power consumption.
- Suitable for use in buildings and spaces where materials need to be fire retardant, cabinet, blower and scroll are made from RoHS compliant Galvanised Steel.
- The cabinet fans are fixed with internal insulation lining to reduce sound
- Two types of mounting are provided, so units can be fixed either from the bottom or side of the cabinet.
- Junction boxes are interchanged between the right and left side of the cabinet.
- Top and side panels are detachable for easy maintenance.

How To Order



Typical Applications

Ducted air conditioning, ceiling ventilation, general and commercial HVAC applications, general ventilation.

Construction

Cabinet, blower and scroll are made from RoHS compliant Galvanised Steel.

Fans are fixed with internal insulation lining.

Internal Thermal Protection

Internal auto reset thermal overload protection.

Suggested Specification

The cabinet fan shall be of the CBB Series as supplied by Elta Fans and be of the models shown. It shall have single-phase 3-speed induction motor with the cabinet, blower and scroll made from RoHS compliant galvanised steel. The cabinet fans are to be fixed with internal insulation lining to reduce sound. Motors and impellers are to be balanced to Grade G6.3.

Technical Data

Model Number	Fan Speed rev/sec	Avg. dB(A) @ 3m	Watts	Amps	Max. Amb. °C
CBB216-203-0180IP-44 / 20	23	45	180	1.36	50
CBB241-241-0315IP-44 / 20	23	57	315	4.60	50
CBB270-203-0600IP-44 / 20	23	59	600	6.25	50
CBB270-270-0600IP-44 / 20	23	56	600	6.25	50
CBB321-321-0709IP-44 / 20	23	63	709	6.50	50



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