

# **CBB216-203-0180IP-44**

Cabinet In-line Fan

# CBB216-203-0180IP-44



## Description

The CBB Series are cabinet fans that use direct driven blowers. 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.

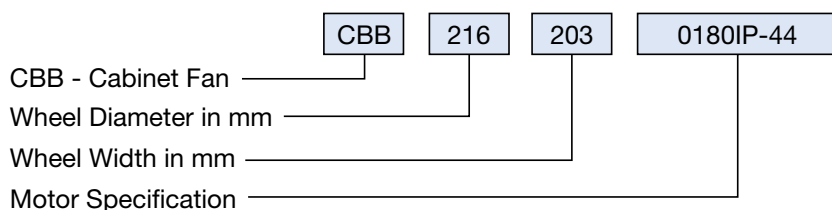
Suitable for use in buildings and spaces where materials need to be fire retardant, motors are totally enclosed and insulation material meet Fire Department specification - BS 476 part 6, BS 476 part 7, ASTM D 1667, ASTM C 158, ASTM C 272 and ASTM E 96. Material of the cabinet, blower and scroll is RoHS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

## Features

- Come with single-phase IP44 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.
- Two types of mounting are provided, so units can be fixed either from the bottom or side of the cabinet.
- Junction boxes are interchangeable between the right and left side of the cabinet.
- Panels are detachable for easy maintenance.
- Can be mounted in any position

## 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.

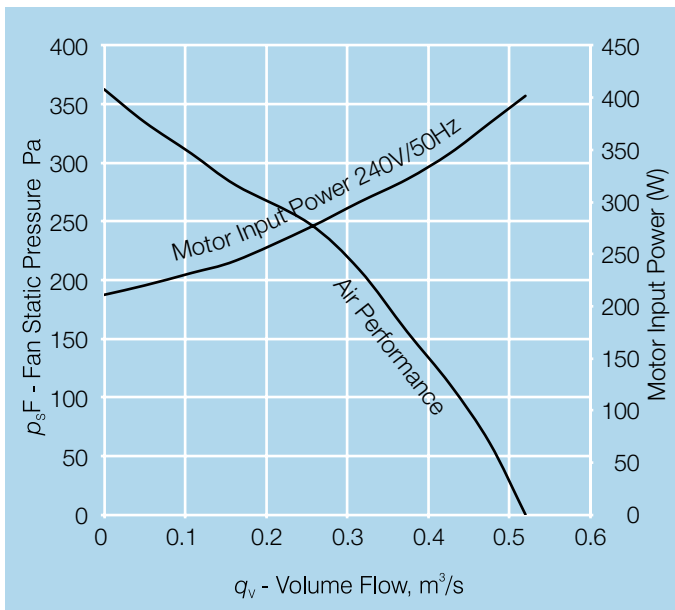
Internal insulation lining is optional extra.

## 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 IP44 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.



Elta Fans Malaysia Sdn Bhd certifies that the model CBB216-203-0180IP-44 Cabinet Fan shown herein is licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Programs. Performance certified is for installation type D: Ducted inlet, Ducted outlet. Speed (RPS) shown is nominal. Performance ratings do not include the effects of appurtenances (accessories).

## Technical Data

Model Number	Fan Speed rev/sec	Avg. dB(A) @ 3m	Watts	Amps	Max. Amb. °C
<b>CBB216-203-0180IP-44</b>	22	45	180	1.36	50



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