

Ratings and Applications

Airflow Range	0~1,750 m³/h (0~1,029 CFM)
Static Pressure Range	40~700 Pa (0.16~2.81 in.WG.)
Drive Types	Direct drive
Mounting Types	Ceiling hung / Duct mounted
Applications	Supply / exhaust (Buildings/ Hospitals/ Hotels/ Large supermarkets, Conference room air processing, Offices ...etc.)



Wheel Technology

Non-overloading centrifugal backward curved wheel of high efficiency and minimal sound, Wheel balanced to grade G2.5 per AMCA 204, Blade-shaped design to increase the static pressure changes in wind output stability.

General Features

1. Convenient and Functional

- Double O-ring sealing: More compact design, large allowable airflow, space-saving installation and quieter operation.
- Easy installation Standard equipped with duct clips and installment bracket for easily installation, suitable for long duct.

2. Safe and Reliable

- Reliable and durable Housing is in the material of high strength galvanized sheet, with surface coating treatment.
- Overheating protection All motor equipped with over-temperature protection device ensure running safety and reliable.
- Application range: building, marine, hotel, home, office occasion as a long duct booster fan. Max Volume is 1,750 m³/h, Maximum Static pressure is 700Pa. Eight model selection totally, suitable for diameter $\Phi 100 \sim \Phi 315$ duct installation.

Technical Information

1. Quality Standards

The fan has designed according to AMCA design procedure. The products are produced within very control procedure following ISO 9001, ISO14001 and ISO 45001.

2. Fan Type

The fan shall be in-line centrifugal type, backward curved wheel.

3. Blades

Blades shall be designed and developed according to hydro mechanical principle and analytic method to realize large volume, high pressure, and low noise.

4. Housing

Housing shall be prefabricated galvanized steel, small size, high pressure, suitable for long duct (Round duct for inlet and outlet, easy installation), corrosion and rust-proof.

5. Motor

External rotor motors shall be mounted on the wheel boss and include permanently sealed self-lubricating ball bearings. Motors provide self-resettable thermal overload protector of continuous duty and the service factor shall be such as to ensure continuous operation at the maximum load, Motor protection shall be IP 54 and IP 55.

6. Mounting Feet:

Base feet is removable according to needs and application. If the fan is used for inline hanging then no need to use the feet.