

## Ratings and Applications

Airflow Range	1,000~32,000 m³/h (588~18,824 CFM)
Static Pressure Range	90~800 Pa (0.36~3.21 in.WG.)
Drive Types	Belt Drive
Applications	AHU fans, HVAC fans, air purifier fans and ventilation fans among others.



## Impeller Technology

- The forward inclined DWDI impeller has good ability of low noise and reliable running.
- The forward curved impeller has bigger volume comparing with backward curved impeller in the same speed.
- The forward curved impeller has lower speed and lower noise comparing with backward curved impeller in the same working condition.
- Spinning precisely matched Venturi inlets and impeller cones assuring smooth, which further results well rectification effect and low noise.

## General Features

### 1. Advanced Technology

- The fan housing is “Pittsburgh” method joined, which results zero air leakage.
- The two pieces of housing side joint at the same one-time procedure to improve the accuracy and reduce the dimension of assembly error.
- The blades are made by once punch forming, and dedicated fixture to ensure precise install.

### 2. Improved Design

- The forward curved impeller precisely designed reinforcing threaded rod make sure long time reliable running.
- The fan is supported by stable channel steel frame, so that stable running of the fan is ensured.
- Statically and dynamically Balance level up to G2.5.
- Reducing the vibration of the fan, to improve reliability.
- Reducing the running noise effectively.

## Technical Information

### 1. Quality Standards

The fan shall be tested according to AMCA design procedure, the products are produced within very control procedure following ISO 9001, ISO14001 and ISO 45001.

### 2. Nameplate

A permanently fixed aluminum nameplate shall clearly display the fan number, product model and serial number (A unique ID for each fan) so that the parts used can be traceable by customers.