

Pipeline Fan

◆ Product Description

The Duct Fan is a high-efficiency air flow delivery equipment specifically designed for large-diameter ventilation ducts. It is primarily compatible with circular ducts of $\Phi 400\text{mm}$, and by virtue of its large air volume and high static pressure characteristics, it addresses the needs of ventilation, air exchange, smoke extraction, and dust removal in commercial spaces, industrial workshops, and large home renovation areas. While featuring energy efficiency, low noise, and durability, it serves as a core component in HVAC projects and ventilation system renovations.



- Large Air Volume & High Static Pressure • Suitable for Large Spaces & Long Ducts
- Full Copper-Core Motor • Energy-Saving, Durable & Long-Lasting
- Quiet Structural Design • Low Noise for Multiple Scenarios
- Multi-Material Corrosion-Resistant Body • Precise Scenario Adaptation
- Flexible Installation + Multi-Function • Suitable for Complex Needs

◆ Product Structure

- The structural design of the Duct Fan always centers around the core demand of efficient air flow delivery for large-diameter ducts: by means of a full copper-core motor + high-precision impeller, it ensures large air volume and long service life; through a spiral volute + arc-shaped air guide, it enhances static pressure and reduces air resistance; via standardized flanges + multi-angle brackets, it achieves convenient adaptation to $\Phi 400$ ducts; and by using dual shock absorption + an enclosed casing, it balances low noise and protection.

◆ Typical Applications

- For personnel in mechanical processing workshops, property management staff, and HVAC engineers, the Duct Fan allows them to leverage its low-noise feature and flexible ceiling-mounted installation to achieve large-area fresh air circulation and optimize temperature uniformity. In all scenarios, the fan's core performance aligns with the needs of the corresponding user groups.

◆ Typical Product Data and Physical Properties

Material: Galvanized Steel Plate

Product Dimensions: L520*W520*H380mm

Applicable Duct Diameter: $\Phi 400\text{mm}$ (16 inches)

Rated Voltage: 220V/50Hz or 380V/50Hz

Rated Current: 3.4A (220V/0.75kW) or 1.5A (380V/0.75kW)

Inlet & Outlet Flange Diameter (Interface Size): 420-430mm

Availability:

Item#	Size	Weight
1.4.24.01.0850	L520*W520*H380MM	40kg

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data is for reference purposes only.

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