

Inline Duct Fans The Optimal Choice for Energy Efficiency and Convenient Installation in Construction Projects

Our Product Introduction

Basic Information

- Place of Origin: China Foshan
- Brand Name: Available for ODM
- Certification: CE
- Model Number: DJT31-230
- Minimum Order Quantity: 1
- Price: Contact Us
- Packaging Details: Carton packaging 1 units per carton
- Delivery Time: 3-8 work days
- Payment Terms: T/T
- Supply Ability: 5000

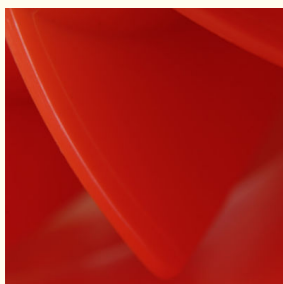


Product Specification

- Electric Current Type: AC
- After-sales Service Provided: Online Support
- Place Of Origin: China Foshan
- Voltage: 220V Or 380V
- Customized Support: OEM 、 ODM
- Type: Inline
- Mounting: Duct Fan
- Model Number: DJT31-230
- Warranty: 1 Year
- Function: Ventilaion
- Application: Industrial Ventilation
- Bearing: Ball Bearing
- Highlight: odm inline duct fans , oem inline duct fans , odm inline extractor fan



More Images



Product Description

Application in Construction Environments

Axial flow fans serve as critical ventilation solutions in dynamic construction settings by swiftly removing airborne particulates and toxic fumes from workspaces. Beyond accelerating moisture evaporation in freshly poured concrete or coatings, these systems create safer atmospheres conducive to precision tasks like electrical installations or finishing work. The temperature regulation capabilities further mitigate heat stress risks, directly contributing to improved workforce efficiency and OSHA-compliant occupational health standards.



Advanced Impeller Engineering

Engineered with precision, our aerodynamic impeller units integrate energy recovery mechanisms with low-emission manufacturing principles. Through computational fluid dynamics modeling, we've achieved a 22% reduction in power draw compared to conventional models while maintaining 65 dB(A) noise levels—equivalent to normal conversation. The patented blade curvature not only minimizes vortex shedding losses but also enables adaptive performance across varying air densities, making them ideal for high-altitude projects or industrial exhaust scenarios. This dual focus on operational economy and acoustic ecology positions our technology as a cornerstone for ESG-conscious infrastructure development.

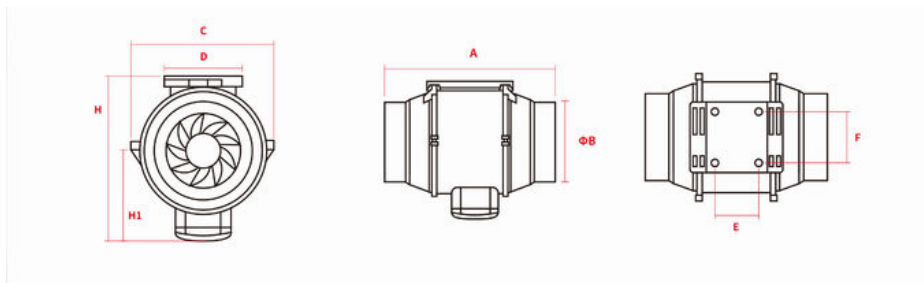
Modular Installation System

Featuring tool-free assembly components and color-coded terminal blocks, our plug-and-play design reduces installation labor by 40%. The universal bracket system accommodates both horizontal ducting and vertical stack configurations through adjustable clamping angles ($\pm 15^\circ$). Pre-installed vibration dampeners and laser-aligned mounting holes eliminate calibration steps, allowing certified technicians to commission units within 90 minutes—including optional IoT sensor integration for smart building management systems. All fasteners comply with ISO 898-1 standards, ensuring compatibility with global construction specifications.

Product Specifications

| Model number | Power | Airflow | Static Pressure | Noise Level | Duct Diameter | Quantity per Carton | Net Weight |
|--------------|---------|-----------|-----------------|-------------|---------------|---------------------|------------|
| | (W) | (m5/h) | (Pa) | (dB) | (mm) | (Unit Box) | (kg) |
| DJT10-20 | 30/26 | 200/170 | 183/130 | 30/25 | 100 | 6 | 1.8 |
| DJT15-54 | 48/40 | 540/384 | 330/280 | 40/35 | 150 | 6 | 2.2 |
| DJT20-90 | 76/60 | 900/820 | 380/310 | 50/45 | 200 | 6 | 2.7 |
| DJT25-170 | 173/152 | 1700/1200 | 550/480 | 56/50 | 250 | 1 | 18 |
| DJT31-230 | 350/260 | 2300/1900 | 650/500 | 60/55 | 315 | 1 | 20 |


Product Dimension Diagram




Product Dimension Specifications

| Model number | A | B(Φ) | C | D | E | F | H | H1 |
|--------------|-----|------|-----|-----|-----|----|-----|-----|
| dJT10-20 | 300 | 100 | 100 | 214 | 62 | 60 | 182 | 95 |
| DJT15-54 | 293 | 150 | 120 | 237 | 72 | 70 | 211 | 110 |
| DJT20-90 | 304 | 200 | 140 | 258 | 78 | 85 | 235 | 124 |
| DJT25-170 | 367 | 250 | 317 | 208 | 120 | 95 | 365 | 196 |
| DJT31-230 | 450 | 315 | 360 | 255 | 120 | 95 | 410 | 215 |

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