

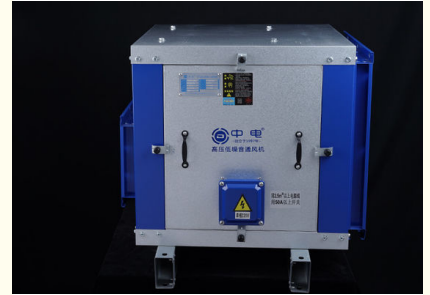
Industrial Explosion Proof Centrifugal Fan Cabinet Exhaust Ventilation Air Purification

Our Product Introduction

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Basic Information

- Place of Origin: China Foshan
- Brand Name: Available for ODM
- Certification: CE
- Model Number: DT25-81
- 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

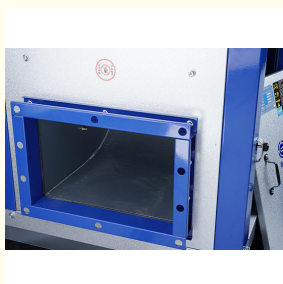


Product Specification

- Applicable Industries: Hotels, Building Material Shops, Manufacturing Plant, Machinery Repair Shops, Food & Beverage Factory, Farms, Restaurant, Printing Shops, Construction Works, Energy & Mining, Food & Beverage Shops, Advertising Company, Other
- Electric Current Type: AC
- After-sales Service Provided: Video Technical Support
- Place Of Origin: Guangdong, China
- Voltage: 220V/380V
- Customized Support: OEM, ODM, OBM
- Blade Material: Metal
- Mounting: FREE STANDING
- Model Number: DT25-81
- Warranty: 3 Year
- Product Name: High-pressure Centrifugal Fan



More Images



Product Description

The primary applications of high-pressure low-noise air handling units are as follows:

Ventilation: Used in large commercial buildings, factories, warehouses, and other spaces to introduce fresh air and expel contaminated air, thereby improving indoor air quality and comfort.

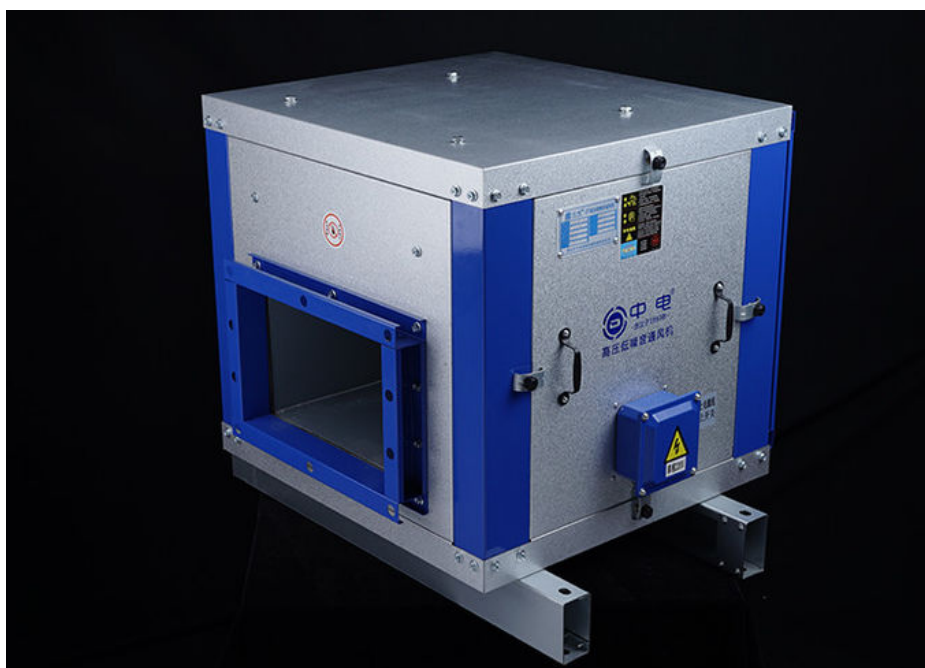
Air Conditioning Systems: As part of central air conditioning systems, these units provide appropriate airflow and pressure to achieve effective air circulation and temperature regulation throughout the building or area.

Industrial Production: In various industrial processes, such as coating, chemical, and electronics industries, they are used to remove harmful gases, dust, or odors, ensuring a safe and hygienic work environment.

Smoke Extraction: In high-rise buildings, underground parking garages, and similar locations, these units assist in smoke extraction during a fire, facilitating evacuation and reducing fire damage.

Purification Systems: Used in conjunction with air purification equipment to provide consistent airflow and pressure, enhancing the effectiveness of air purification.

In summary, high-pressure low-noise air handling units play a crucial role in ensuring indoor air quality, optimizing work environments, improving production efficiency, and safeguarding life and property.



The motor has an IP54 protection rating, indicating excellent protection capabilities. The "5" signifies effective dust resistance, preventing most dust from entering the motor and protecting its critical components from dust damage, ensuring stable operation. The "4" denotes protection against splashing water, allowing the motor to operate reliably in damp environments or where water splashing might occur.

The use of F-class copper windings and dual ball bearings further enhances the motor's performance and longevity. F-class copper windings offer superior heat resistance, allowing the motor to operate at higher temperatures for extended periods without compromising insulation.

Dual ball bearings are a significant advantage. They provide long-lasting performance, reduce maintenance and replacement costs, and handle high speeds, meeting the demands of rapid operation. They also offer high precision, reducing vibration and noise during operation, and possess strong load-bearing capacity, ensuring reliability under complex conditions.



The impeller features a unique multi-blade design, increasing the contact area between the impeller and the air, thus enabling more efficient air movement. With a higher number of evenly distributed blades, the impeller operates more smoothly, reducing vibration and noise, and creating a quiet and comfortable environment for users.

A standout feature is the oil-repellent coating on the impeller surface. This coating provides excellent resistance to oil adhesion and accumulation, making it ideal for environments with high oil exposure, such as kitchens. It helps the impeller remain clean for extended periods, reducing airflow decrease and performance degradation caused by oil buildup.

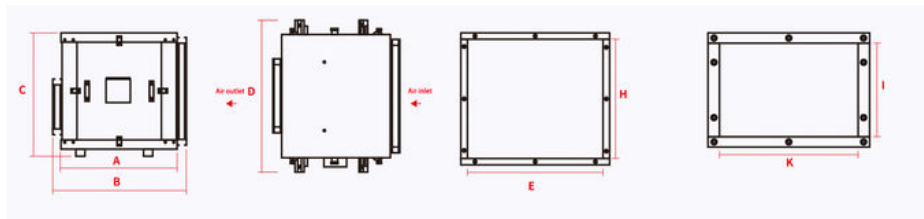
The oil-repellent coating also offers good corrosion and abrasion resistance, extending the impeller's lifespan. It is easy to clean and maintain, requiring only simple wiping to keep it in good condition.



Product Performance Specifications

Model number	Voltage	Frequency	Rotating speed	Air volume	Voltage	Noise	Power	Weight
	(V)	(Hz)	(r/min)	(m³/h)	(Pa)	(dB)	(W)	(kg)
DT11-36	220/380	50	1450	3600	562	57	1.1	49
DT13-48	220/380	50	1450	4800	623	63	1.5	58
DT18-61	220/380	50	1450	6100	673	68	2.2	70
DT25-81	220/380	50	1450	8100	781	69	3	79
DT32-100	220/380	50	1450	10000	810	75	3.8	84
DT42-120	380	50	1450	12000	830	78	5	100

Product Dimensions Diagram



Product Dimensions and Specifications

Model number	A	B(Length)	C(Height)	D(Width)	Air Inlet (Inner Diameter)		Air Outlet (Inner Diameter)		Flange Thickness
					E(Length)	H(Height)	(Length)	K(Length)	
DT11-36	560	660	613	750	467	428	250	305	30×30
DT13-48	570	668	650	780	497	460	210	335	30×30
DT18-61	620	718	705	860	580	515	235	355	30×30
DT25-81	650	748	740	910	630	550	250	380	30×30
DT32-100	650	748	740	910	630	550	250	380	30×30
DT42-120	725	823	815	962	679	625	280	355	30×30
DT48-150	750	848	815	1000	717	625	380	405	30×30
DT55-200	780	879	840	1030	747	650	380	415	30×30

 **ZhongDian** **Guangdong Zhongdian Jiajin Environmental Technology Co., Ltd.**



0085246403891



sales001@zd-fan.com



zd-fan.com

Xizi Industrial Zone, Lishui Town, Nanhai District, Foshan City, Guangdong Province, China