

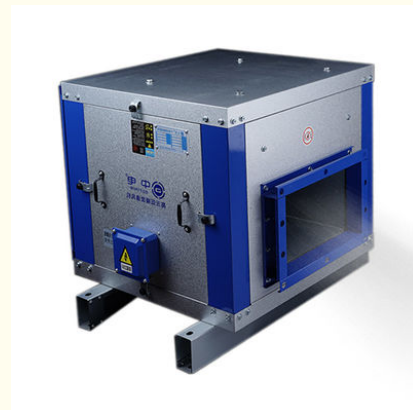
Premium Airflow Management For HVAC Systems And OEM Customized Industrial Cabinet Centrifugal Fan Ventilation Solutions

Our Product Introduction

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Basic Information

- Place of Origin: China Foshan
- Brand Name: Available for ODM
- Certification: CE
- Model Number: DT42-120
- 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 Guangdong
- Voltage: 220 / 380V
- Customized Support: OEM ODM
- Model Number: DT42-120
- Warranty: 1 Year
- Core Components: Motor, Impeller , Other
- Function: Low Noise
- Product Name: Centrifugal Cabinet Blower
- Noise Level: 65 DB
- Motor Type: Single Phase
- Highlight: HVAC Systems Cabinet Centrifugal Fan , Customized Industrial Cabinet Centrifugal Fan, Cabinet Centrifugal Fan



More Images



Product Description

Applications Across Industries

- **Factory Ventilation:** Efficiently eliminates harmful gases, dust, and odors from workshop environments, enhancing workplace safety and comfort.
- **Chemical and Pharmaceutical Industries** Ensures stable airflow to support chemical reactions and maintain product quality.
- **Electronics and Semiconductor Manufacturing** Purifies workshop air to prevent dust and impurities from damaging precision electronic products.
- **Building Ventilation Systems:** Facilitates effective air circulation and adjustment within buildings, improving indoor air quality.
- **Mining and Metallurgy:** Used for ventilation and smoke extraction to ensure operational safety in these sectors.



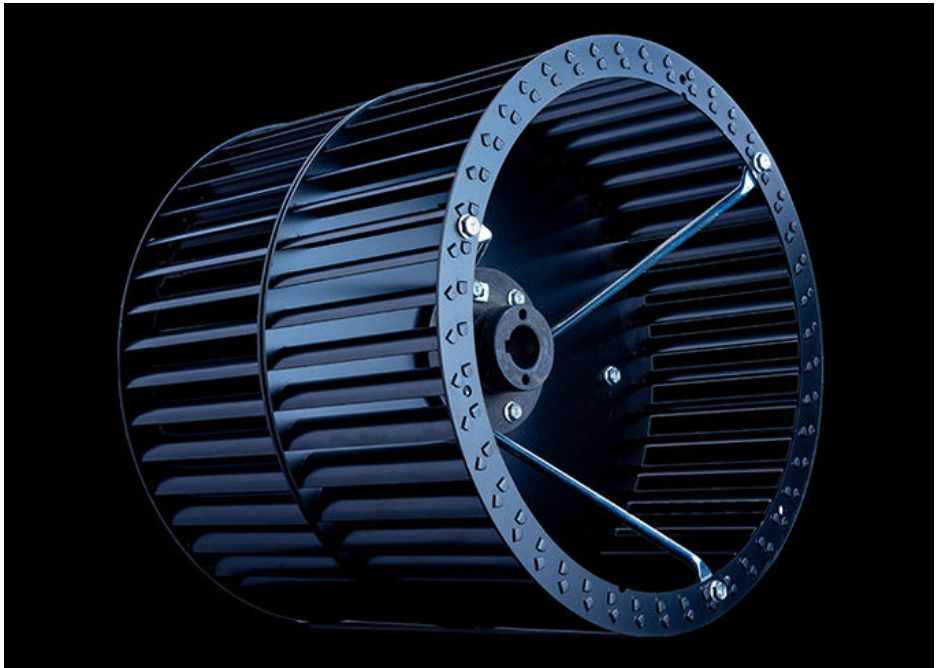
High Static Pressure Copper Wire Motor Advantages

- **Exceptional Performance:** The high static pressure allows the motor to generate strong air pressure, overcoming significant resistance in complex ventilation systems. Copper wire's excellent conductivity reduces electrical resistance losses and enhances efficiency, providing greater torque at the same power level for robust performance.
- **Stability and Reliability:** The mature manufacturing process ensures the motor's quality and stability. The high static pressure design allows it to handle substantial loads without frequent failures, contributing to stable performance and minimal downtime.
- **Energy Efficiency:** Copper wire's low electrical resistance results in lower energy losses during operation. The high static pressure design enables significant airflow and pressure at lower speeds, reducing energy consumption and leading to long-term savings on electricity bills.
- **Low Noise:** Advanced noise reduction technologies, such as optimized motor structures and soundproof materials, ensure that the motor operates with minimal noise, making it suitable for environments requiring low noise levels, like hospitals, schools, and libraries.
- **Long Service Life:** Copper wire motors are durable and have a long service life, suitable for various challenging work environments. Effective heat dissipation extends the motor's lifespan, offering lower maintenance costs compared to other motors.



Product Fan Wheel Benefits

- **High Efficiency:** Capable of delivering a large volume of air in a given time, enhancing operational efficiency in ventilation systems by facilitating rapid and effective air circulation and replacement.
- **Improved Energy Utilization:** Compared to traditional fan wheels, high-pressure fan wheels produce higher air pressure and airflow with the same input power, reducing energy consumption.
- **High Reliability:** Strong adaptability to various environments ensures stable performance in different conditions, whether high or low temperatures, humidity, or dryness, making it reliable in harsh industrial settings.



Product Parameters

Durable Construction: Made from high-strength materials with excellent wear and corrosion resistance, ensuring long-term stable operation.

Low Maintenance Costs: The well-designed structure results in a lower failure rate, reducing the frequency of repairs and parts replacements, thereby lowering maintenance costs.

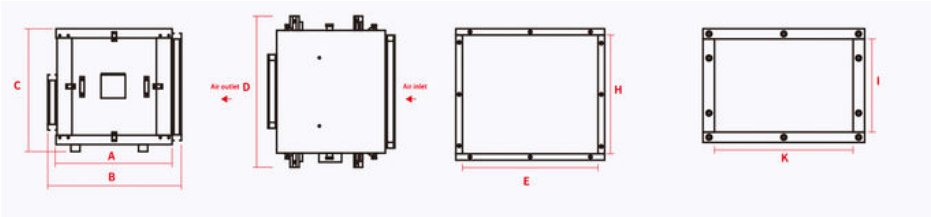
Suitable for Multiple Applications Effective in diverse fields such as industrial ventilation, air conditioning systems, and wind power generation.

Versatile Operation in Various Environments Maintains stable performance in different conditions, whether high or low temperatures, humidity, or dryness, reliably functioning in harsh industrial settings.

Model	Voltage	Ffrequency	Rotating speed	Air volume	Total Pressure	Sound Level	Power	Weight

Numb	(V)	(Hz)	(r/min)	(m2/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
DT48-150	380	50	1450	15000	860	78	5.5	101
DT55-200	380	50	1450	20000	870	79	6	122

Product Dimension Diagram



Product Dimension Parameters

Model Numb	A	B(Lengt h)	C(Heigh t)	D(Width)	Air Inlet (Internal Diameter)		Air Outlet (Internal Diameter)		Flange Thickness
					E(Lengt h)	H(Heigh t)	I(Height)	K(Length)	
DT11-36	560	660	613	750	467	428	250	305	30x30
DT13-48	570	668	650	780	497	460	210	335	30x30
DT18-61	620	718	705	860	580	515	235	355	30x30
DT25-81	650	748	740	910	630	550	250	380	30x30
DT32-100	650	748	740	910	630	550	250	380	30x30
DT42-120	725	823	815	962	679	625	280	355	30x30
DT48-150	750	848	815	1000	717	625	380	405	30x30
DT55-200	780	879	840	1030	747	650	380	415	30x30

Company Profile

Guangdong Zhongdian Jiajin Environmental Technology Co., Ltd.

Originates from Foshan Nanhai Zhongxing Hardware Electrical Appliance Factory and operates under the Zhongdian brand, including Zhongdian Fresh Air and Zhongdian Xinke. Specializing in the research, development, and manufacturing of DKT external rotor air conditioning fans (both snail-type and square-type), mixed flow booster duct fans, KTF stainless steel external rotor centrifugal air handling units, air curtains, purifying low-noise fans, and centrifugal low-noise ventilation equipment, the company is a modern national high-tech enterprise focusing on EC frequency conversion digital energy-saving fans. Its manufacturing base is located in Foshan, Guangdong Province.

Since its establishment in 1997, the company has adhered to a quality-centric approach and actively developed its proprietary brand, Zhongdian. It has successively passed ISO9001, CE, and national CCC mandatory product certifications and holds multiple utility model patents. The company ranks among the top in the industry in terms of comprehensive strength and brand influence.

Philosophy and Innovation

Operating under the philosophy of "Technological Innovation, Respect for Talent, Reform and Innovation, Pursuit of Excellence," Guangdong Zhongdian Jiajin Environmental Technology Co., Ltd. has introduced over ten advanced automation devices and possesses a testing laboratory compliant with the national standard GB/T 1236-2017 "Performance Testing of Industrial Fans with Standardized Ducts." The company follows a 5S management system and emphasizes user experience, focusing on continually meeting customer needs. Through relentless efforts, the company has become a leader in the fresh air system market.

Quality and Service

The company adheres to the principle of "Quality First, Quantity Second," earning trust from users nationwide with its excellent quality and outstanding performance. It strives to enhance competitive advantages in pre-sales, sales, and after-sales services, upholding the creed of "Customer First, Service Excellence." Guangdong Zhongdian Jiajin Environmental Technology Co., Ltd. is dedicated to continuous product and service iteration, aiming to become a leading brand in high-end fresh air system equipment.



EXHIBITION SHOW

Our company boasts a robust sales network system, capable of handling numerous OEM/ODM orders. Our products are primarily exported to Europe, America, the Middle East, and Southeast Asia, with up to 30% from repeat customers. Crafted from high-purity copper tubes and featuring Yonggan motors, our products offer exceptional quality, ultra-quiet operation, stylish comfort, and competitive pricing. We pride ourselves on having an independent R&D and design team that can accommodate any customization requests or technological advancements you may require.




The team

Our team will also carry out some outdoor group building activities to enhance the cohesion of employees and devote themselves to work with more enthusiasm.



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

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