

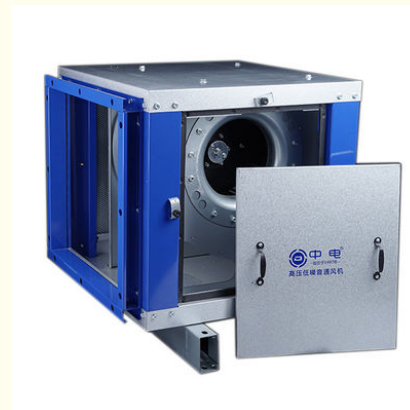
## Optimized Low-Noise Inline Cabinet Centrifugal Fan For Fire Smoke Exhaust Ventilation

Our Product Introduction

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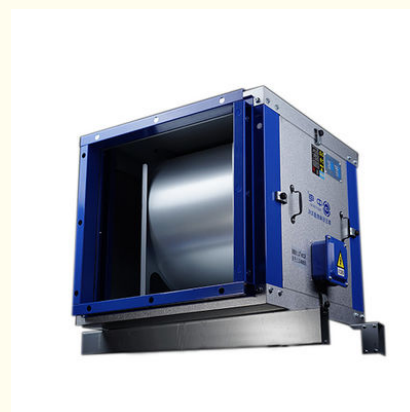
### Basic Information

- 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

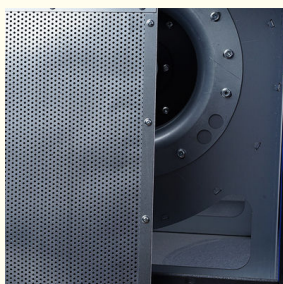


### Product Specification

- Applicable Industries: Hotels, Garment Shops, Building Material Shops, Manufacturing Plant, Farms, Restaurant, Home Use, Retail, Other
- Electric Current Type: AC
- After-sales Service Provided: Online Support
- Place Of Origin: Guangdong, China
- Voltage: 380V
- Customized Support: OEM, ODM, OBM
- Mounting: FREE STANDING
- Model Number: DT42-120
- Warranty: 1 Year
- Product Name: Cabinet Centrifugal Fan
- Fan Type: Centrifugal Fan
- Application: Exhaust Ventilation
- Power Supply: 380V / 220V



### More Images



## Product Description

### Product Applications

#### 1. Ventilation and Air Exchange

- **Industrial Facilities:** Continuously supplies fresh air to various industrial workshops, eliminating polluted air and harmful gases. This improves working conditions, ensures worker health and safety, and boosts production efficiency.
- **Commercial Spaces:** In large commercial buildings such as malls, supermarkets, and hotels, it promotes effective air circulation, maintains indoor air freshness, and creates a comfortable environment for customers and employees.

#### 2. Air Handling Systems

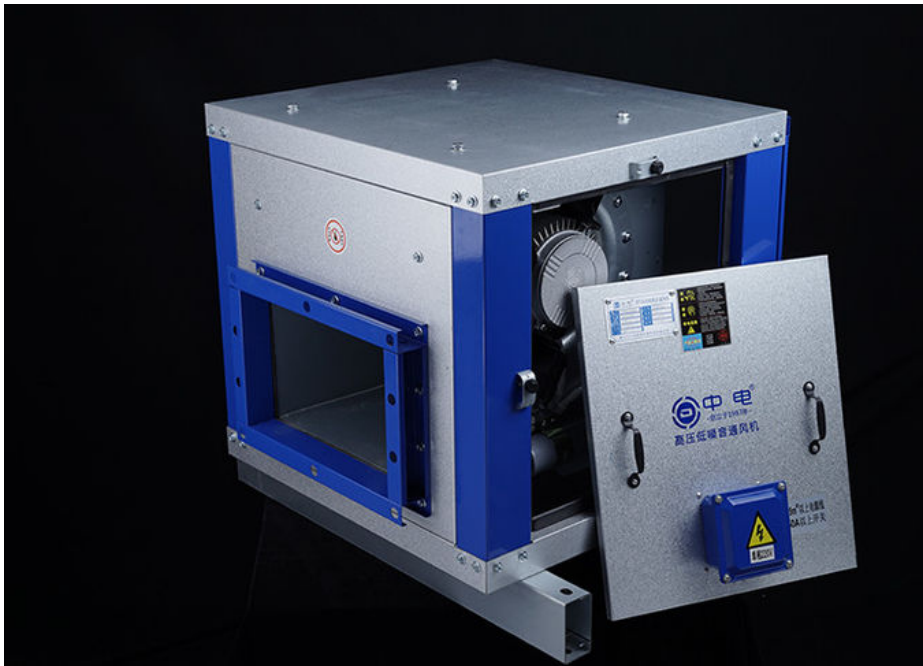
- **Central Air Conditioning Systems** Acts as a critical component in central air conditioning systems, distributing treated air to different rooms while adjusting indoor temperature, humidity, and air quality.
- **Ventilation and Purification Systems** Works alongside air purification devices to filter and purify the air before distribution, removing dust, bacteria, viruses, and other contaminants to enhance indoor air quality.

#### 3. Special Environment Applications

- **Laboratories:** Provides stable ventilation for laboratories, removing harmful gases and odors generated during experiments, ensuring personnel safety and experimental accuracy.
- **Clean Rooms:** Ensures air cleanliness and uniform airflow in clean rooms used for electronics, pharmaceuticals, and food production, meeting stringent production requirements.

#### 4. Fire Safety Smoke Extraction

In case of fire, it functions as a smoke extraction device to rapidly remove smoke and toxic gases, facilitating evacuation and firefighting efforts.



### Motor Features

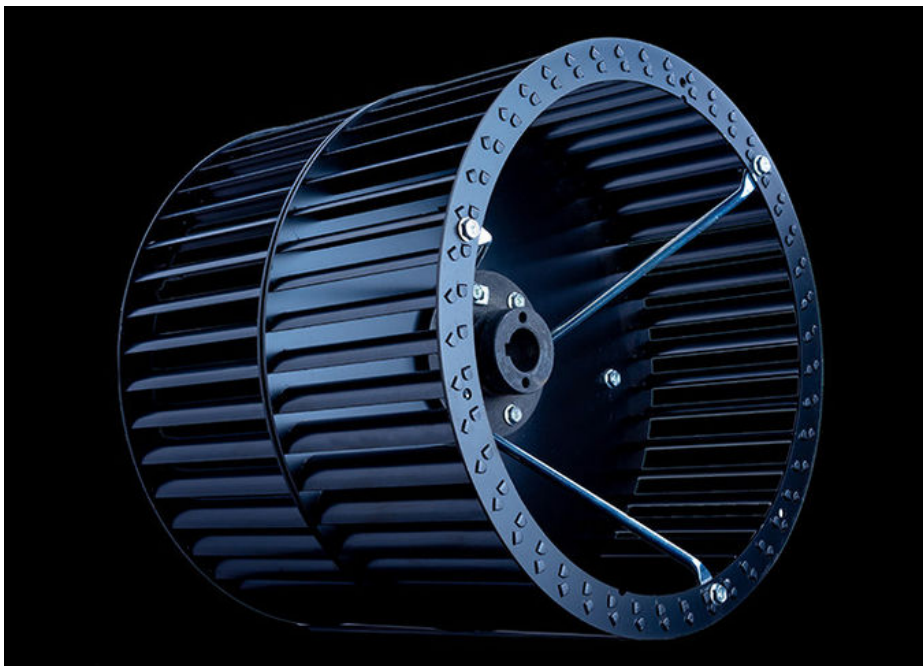
This motor integrates 30 years of advanced technology, offering exceptional quality. With an IP54 waterproof rating and resistance to water and oil fumes, it operates reliably in complex environments, including damp locations and greasy kitchens. Made from pure copper, it ensures excellent electrical and thermal conductivity, reducing energy loss and enhancing efficiency. The fully sealed structure protects the motor from moisture, dust, and corrosion. Ball bearings contribute to smoother operation, reduce wear, and extend the motor's lifespan. Its high efficiency saves energy and lowers operating costs, while its long lifespan reduces maintenance and replacement frequency. In summary, this motor provides high-efficiency, stable, and durable performance through advanced technology, reliable performance, and premium materials.



## Centrifugal Impeller

### Non-Stick Coated Multi-Blade Centrifugal Impeller

1. **Unique Non-Stick Coating:** The specialized coating effectively repels oil and grease, performing exceptionally well in high-grease environments like kitchens. This significantly reduces the impact of oil accumulation, maintains cleanliness and efficient operation, and minimizes the risk of imbalance due to oil buildup, thereby extending the impeller's lifespan.
2. **Multi-Blade Design:** This design increases the surface area in contact with air, enhancing airflow and pressure. It facilitates rapid and effective air circulation and discharge, providing excellent ventilation. The multi-blade structure also ensures stable operation and reduced noise.
3. **Durability:** The non-stick coating not only prevents corrosion from oil but also improves the impeller's wear resistance. Combined with high-quality materials and precision manufacturing, the impeller can withstand prolonged use and moderate external impacts.

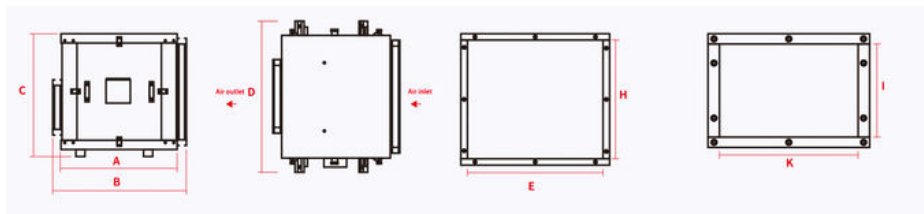


## Product Specifications

Model number	Voltage	Ffrequency	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 Dimension Diagram



### Product Dimension 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

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