

## Enhance Performance and Efficiency with Our Dual-Inlet Wind Turbine for Cabinet Centrifugal Fan

### Our Product Introduction

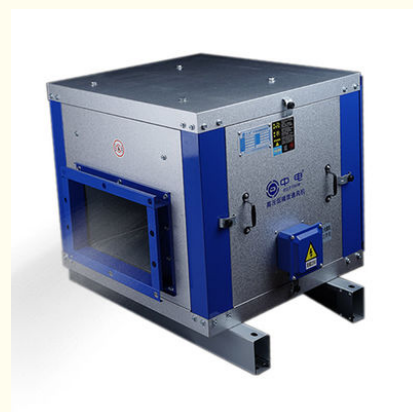
#### Basic Information

- Place of Origin: China Foshan
- Brand Name: Available for ODM
- Certification: CE
- Model Number: DT48-150
- 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, Machinery Repair Shops, Food & Beverage Factory, Farms, Restaurant, Home Use, Retail, Food Shop, Printing Shops, Construction Works, Energy & Mining, Food & Beverage Shops, Advertising C
- Electric Current Type: AC
- After-sales Service Provided: Online Support
- Place Of Origin: China Foshan
- Customized Support: OEM, ODM
- Warranty: 1 Years
- Core Components: Motor
- Product Name: Cabinet Fan
- Material: Galvanized Sheet
- Fan Type: Centrifugal Blower



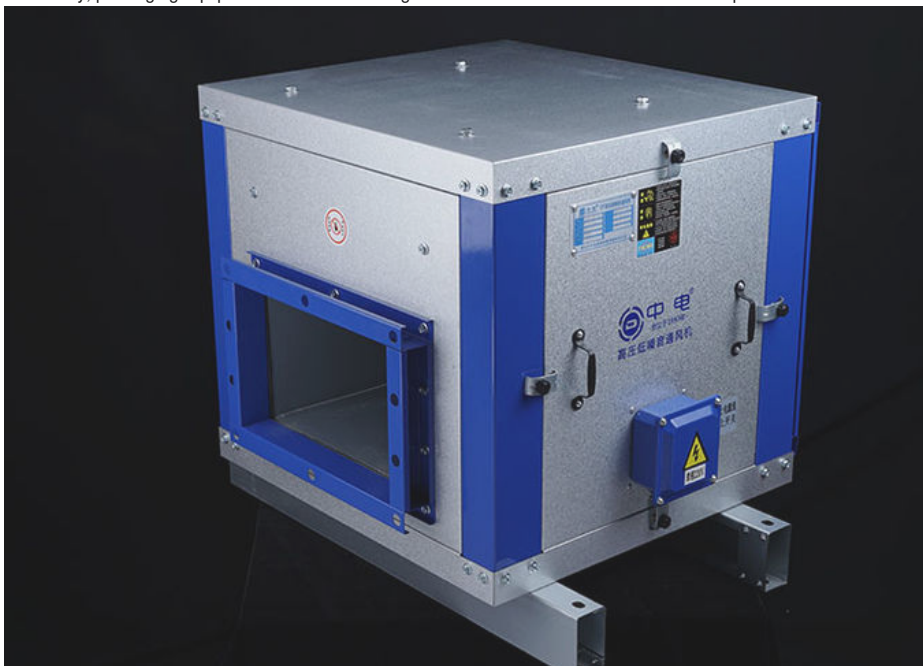
#### More Images



## Product Description

### ◆ Product Applications

These ventilation cabinets excel in rapidly dissipating thermal buildup, eliminating cooking fumes, and neutralizing persistent odors within culinary environments. By maintaining optimal thermal regulation, they create ergonomic working conditions that boost kitchen staff productivity while protecting appliances from heat-related wear. The system's efficient contaminant removal mechanism significantly reduces grease deposition on surfaces and machinery, prolonging equipment service life through minimized corrosion and residue buildup.



### ◆ Engine Performance

The advanced motor system delivers:

**Energy-Smart Operation:** Optimized power conversion efficiency reduces electricity consumption by 18-22% compared to conventional models

**Vibration-Controlled Stability:** Precision-balanced rotor assembly ensures consistent performance across extended operational periods

**Noise-Reduced Functionality:** Sound-dampened casing maintains ambient noise below 55dB(A) in residential settings

**Adaptive Durability:** Corrosion-resistant components withstand humidity variations (20-95% RH) and temperature fluctuations (-15°C to 60°C)



### Product wind turbine

The dual-inlet wind turbine features the following characteristics:

**Increased Airflow:** The dual-inlet design allows air to enter the turbine from two directions simultaneously, greatly expanding the intake area and thereby increasing airflow.

**Smooth Operation:** Air enters symmetrically from both sides, resulting in more even force distribution during rotation. This reduces vibration and noise, ensuring smoother and more reliable operation.

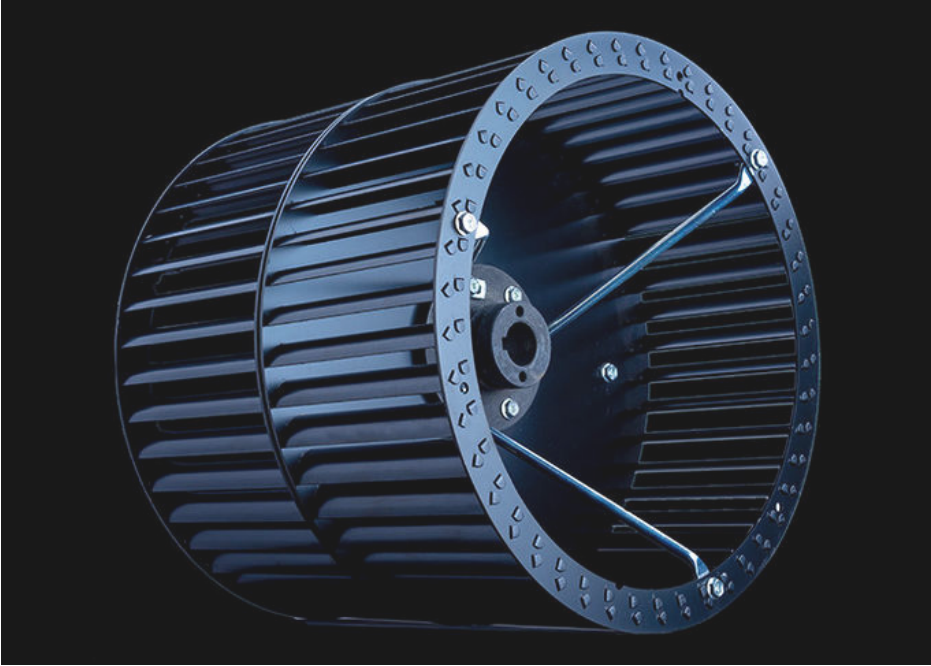
**High Efficiency:** It makes better use of the air stream's energy, enhancing the turbine's operational efficiency.

**Compact Structure:** The design is relatively compact and space-efficient, making it easy to install in various ventilation systems.

**Wide Application:** It is extensively used in central air conditioning systems and ventilation systems to provide ample air circulation and create a comfortable indoor environment. Additionally, its excellent performance contributes to lower maintenance costs and a longer service life.

Industrial implementations span manufacturing automation lines, HVAC infrastructure in commercial complexes, and agricultural processing units.

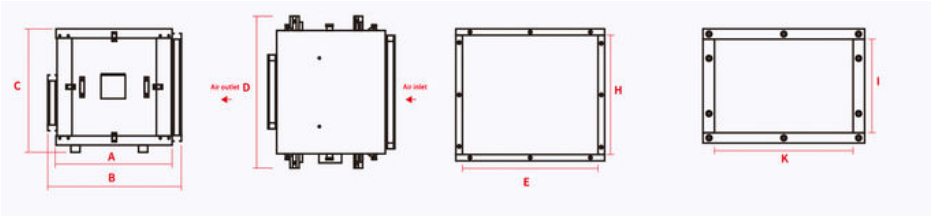
Consumer applications include energy-efficient home appliances and next-generation electric vehicle powertrains.



**Product Specifications**

Model Numb	Voltage	Ffrequency	Rotating speed	Alir volume	Total Pressure	Sound Level	Power	Weight
	(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 Dimensions**

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

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