

Industrial High Speed Centrifugal Fan Double Inlet Blower IP54 Waterproof

Our Product Introduction

Basic Information

- Place of Origin: China Foshan
- Brand Name: Available for ODM
- Certification: CE
- Model Number: DKT-2.35-F
- 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



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: Video Technical Support
- Place Of Origin: Guangdong, China
- Voltage: 220/380V
- Customized Support: OEM, ODM, OBM
- Blade Material: Steel Plate
- Mounting: FREE STANDING
- Warranty: 1 Year
- Core Components: Motor, Bearing, Impeller, Flange, Shaft



More Images



Product Description

Product Applications

This product can be used in various air conditioning units, air curtains, and heating/cooling fans, as well as for ventilation and air exchange in industrial enterprises and residential buildings. The double-inlet centrifugal fan is carefully constructed from key components such as the impeller, volute, and motor. The impeller is made from forward-curved blades attached to the wheel cover and central plate through riveting. All parts are manufactured using stamping molds, ensuring precise dimensions and reliable aerodynamic performance. After dynamic and static balancing, the fan operates smoothly with minimal noise. The volute is covered using specialized equipment, making it both durable and aesthetically pleasing. The motor, designed with an external rotor, is cleverly integrated into the volute and directly connected to the impeller, resulting in a compact structure. This design ensures smooth operation and exceptionally low noise levels.



The external rotor ball bearing copper motor demonstrates outstanding performance advantages

With an IP54 waterproof rating, it effectively blocks dust and resists water splashes from any direction, ensuring stable operation in complex environments. The motor uses pure copper, which provides excellent electrical and thermal conductivity, ensuring efficient energy conversion and effective heat dissipation. The unique external rotor design makes the motor structure more compact and enhances power output. The use of ball bearings ensures high stability during high-speed operation while effectively reducing noise. Whether for large industrial equipment, various mechanical devices, or other applications, this motor stands out for its professional quality and reliable performance. Its superior waterproof, electrical and thermal conductivity, compact structure, and stable low-noise characteristics make it an ideal choice across various industries, providing powerful support for diverse applications.



High-Quality Multi-Wing Centrifugal Fan Wheel

It is composed of multiple high-quality metal blades, ensuring durability and long-term stable operation. The unique multi-wing structure significantly increases airflow and enhances air movement efficiency within the same dimensions. It operates smoothly and quietly, with minimal vibration and low noise, creating a comfortable environment. Precision dynamic balancing ensures no wobbling during high-speed rotation. Excellent surface treatment provides outstanding corrosion and abrasion resistance, suitable for complex working conditions. With superior aerodynamic performance, it achieves efficient energy conversion and reduces energy consumption. In ventilation and air conditioning systems, it is a critical component, delivering powerful performance and reliable quality to ensure the system's efficient operation.

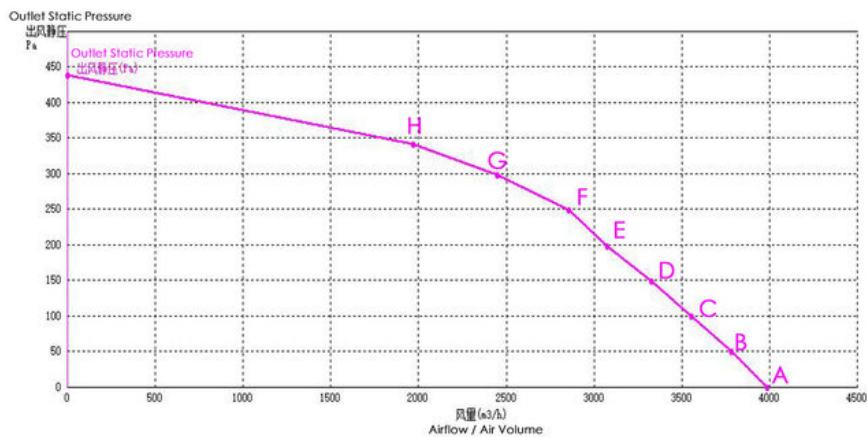


Product Performance Parameters

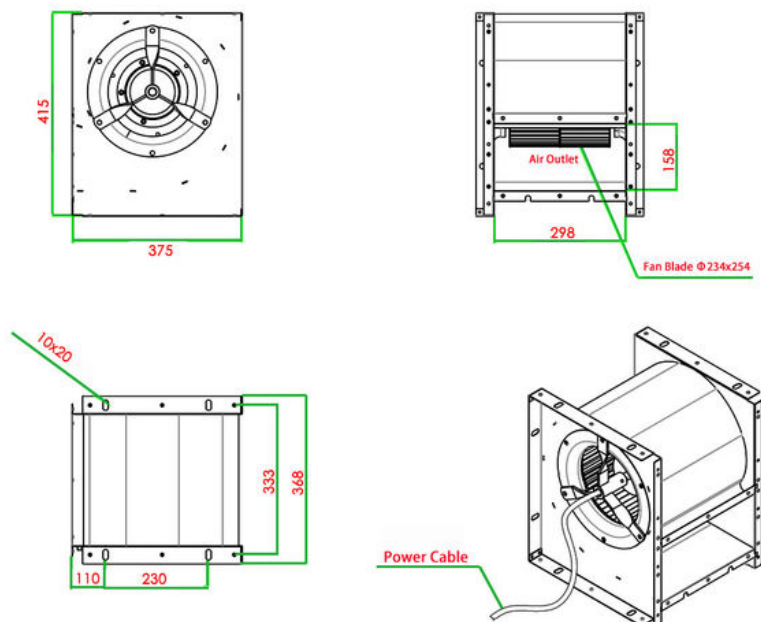
Model			DKT-2.35-F		Fan Type			Centrifugal Fan		
Rated Voltage			220v		Frequency			50Hz		
Rated Power			0.55KW		Noise Level					
RPM (Revolutions Per Minute)			1400r/min		Rated Current			3.87A		
No	Item	units	a	b	c	d	e	f	g	h
1	Outlet Static Pressure	Pa	0.000	50.500	99.562	149.563	197.688	248.563	298.313	341.500
2	Dynamic Pressure	pa	305.334	274.792	242.983	212.478	181.494	156.902	115.423	74.329

3	Total Pressure	pa	305.334	325.292	342.546	362.041	379.182	405.465	413.735	415.829
4	Airflow / Air Volume	m3/h	3983.34 1	3778.99 9	3553.55 5	3323.12 5	3071.293	2856.537	2450.159	1966.299

Curve Chart



Dimension Diagram



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