

Commercial IP54 Double Inlet Centrifugal Fans For Office Buildings

Our Product Introduction

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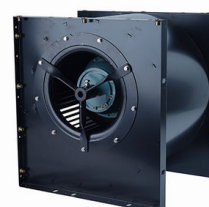
Basic Information

- Place of Origin: China Foshan
- Brand Name: Available for ODM
- Certification: CE
- Model Number: DKT-2.55B-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
- 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: Guangdong, China
- Customized Support: OEM, ODM, OBM
- Blade Material: Steel Plate
- Mounting: FREE STANDING
- Warranty: 1 Year
- Product Name: Cabinet Centrifugal Fan
- Voltage: 380V



More Images



Product Description

Product Applications

In ventilation systems, it is used for central air conditioning ventilation in commercial buildings, providing stable air circulation for large shopping malls, office buildings, and similar venues. In industrial settings, it is suitable for factory workshop ventilation, removing harmful gases and dust to create a better working environment for employees. In purification equipment, such as air purifiers and industrial dust collectors, the square external rotor DKT fan provides strong suction to ensure effective purification. It can also be installed in commercial kitchens to remove grease and odors. Additionally, in specialized environments such as laboratories and clean rooms, this fan plays a crucial role in strictly controlling air flow direction and speed to maintain cleanliness and stability. In the agricultural sector, it is used in greenhouse ventilation to regulate temperature and humidity, promoting crop growth.



Metal housing material

The square external rotor DKT fan housing features a distinctive design with a clean and regular square shape, maximizing installation space and offering greater flexibility in various layouts. Made from high-strength materials, it is robust and durable, effectively protecting the internal fan components. The surface treatment provides excellent corrosion and rust resistance, suitable for different working environments. The design focuses on sealing to prevent dust and moisture from entering, ensuring stable fan operation. Additionally, the housing has a well-designed heat dissipation system to effectively release heat generated during operation, extending the fan's lifespan. Its aesthetic design also blends well with various environments, enhancing the overall visual effect.



High-quality pure copper motor

The external rotor design makes the motor compact, resulting in more efficient and direct power transmission. The use of ball

bearings ensures smooth, low-noise operation, reducing wear and extending lifespan. The pure copper motor provides excellent conductivity and heat dissipation, ensuring stable performance. The IP54 rating is a key highlight, indicating good dust and splash water protection, enabling reliable operation in dusty and mildly wet environments. Whether for industrial production or commercial applications, this motor offers high stability, low noise, and strong protection, providing robust power support for equipment, ensuring long-term stable operation, and minimizing downtime and maintenance costs due to motor failures.



High-quality multi-blade centrifugal fan wheel

Crafted from high-quality materials, the multi-blade centrifugal impeller is robust and durable, ensuring stable long-term operation. The multi-blade design enables the impeller to generate greater airflow compared to similar-sized models, enhancing air movement efficiency. It operates smoothly with minimal vibration and noise, providing a quiet and comfortable environment. Precision dynamic balancing ensures no wobbling or adverse effects during high-speed rotation. The superior surface treatment offers excellent corrosion and wear resistance, making it suitable for various challenging environments. Additionally, its aerodynamic performance is outstanding, allowing for efficient energy conversion and reduced energy consumption. In ventilation, air conditioning, and other systems, this high-quality multi-blade centrifugal impeller plays a crucial role with its powerful performance and reliable quality.

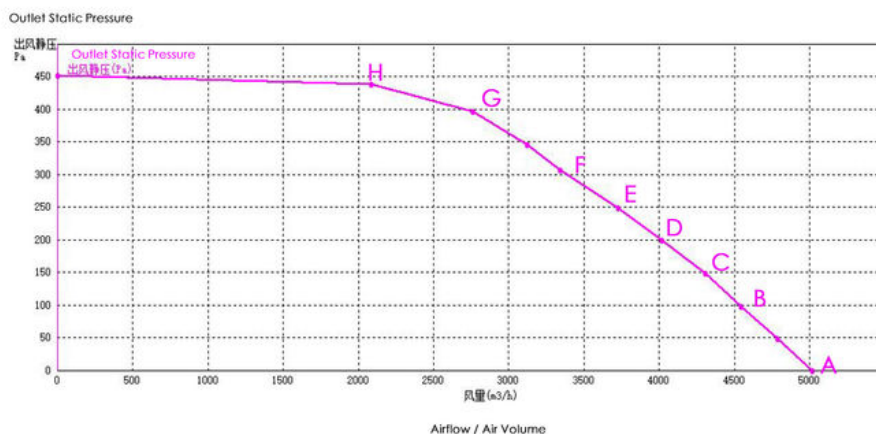


Product Parameters and Performance

Model	DKT-2.55B-F	Fan Type	Centrifugal Fan
Rated Voltage	380V	Frequency	50Hz
Rated Power	0.8KW	Noise Level	

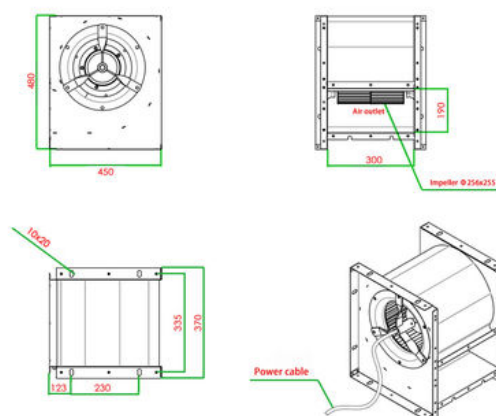
RPM (Revolutions Per Minute)			1400r/min		Rated Current			2.3A		
no	Item	Units	A	B	C	D	E	F	G	H
1	Outlet Static Pressure	Pa	0.000	97.688	149.563	199.688	248.875	308.250	398.000	438.438
2	Dynamic Pressure	pa	336.474	276.375	247.876	215.492	185.885	149.118	101.832	58.293
3	Total Pressure	pa	336.474	374.062	397.439	415.180	434.760	457.368	499.832	496.731
4	Airflow/Air Volume	m3/h	5015.319	4545.634	4304.899	4014.063	3728.318	3339.424	2760.057	2088.372

Curve chart




Dimension drawing

Unit: mm



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