

DKT External Rotor Air Conditioning Cabinet Duct Ventilation Equipment

Our Product Introduction

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Basic Information

- Place of Origin: China Foshan
- Brand Name: Available for ODM
- Certification: CE
- Model Number: DKT-2.8B W
- 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: Factory
- Voltage: 220V / 380V
- Blade Material: Stainless Steel
- Core Components: Motor, Blade
- Motor Wire: Copper
- Power: 0.55kw
- Mounting: Free Standing 、 Wall-Mounted
- Feature: High Efficiency
- Warranty: 3 Year
- Highlight: **Cabinet Duct Ventilation Equipment,
DKT External Rotor Air Conditioning Cabinet**



More Images



Product Description

Product introduction

The DKT series centrifugal air conditioning fans are designed for minimal noise and compactness, with a rated flow of 900-9200m³/h and total pressure of 288-690Pa. Featuring external rotor motors for direct drive, these fans offer high efficiency, low noise, substantial airflow, reduced dimensions, and a sleek design. They are ideal for VAV air conditioners, ducted air conditioning units, VAV systems, and various HVAC and purification equipment.

Construction of Product

-DKT series fans consist of housing, Wheel, baseplate, motor, shaft sleeve and air outlet flange.

1. Housing

The housing is made of hot-dip galvanized steel, with aerodynamically designed side panels. The air inlet is integrally stretched and formed, and the volute plate is clamped to the side panels. Pre-tapped holes on the side panels allow for easy installation according to specified outlet directions.

2. Impeller

The forward-curved, multi-blade impeller is fabricated from high-grade hot-dip galvanized steel, featuring aerodynamically optimized blades for peak efficiency and noise reduction. Securely attached via rivet claws to both hub and rim, it ensures steadfastness under continuous max power operation. Each impeller is meticulously tested for static and dynamic balance, adhering to an internal control standard of G2.5 (ANSI AMCA-204).

3. Frame and plate

The Frame and plate is made of high-quality galvanized steel, and a unique reinforcement process ensures sufficient strength. The installation angle of the support plate can be adjusted according to different user requirements.

4. Motor

The DKT series fans boast an external rotor, low-noise three-phase asynchronous motor with a stationary shaft and rotating casing. Mounted on the impeller hub, the motor directly drives the impeller via its casing's rotation. To meet diverse needs, these fans can integrate specialized motors adjustable through methods like three-phase regulators, thyristor controls, or frequency converters, enabling seamless adaptation to fluctuating system loads.

5. Flange

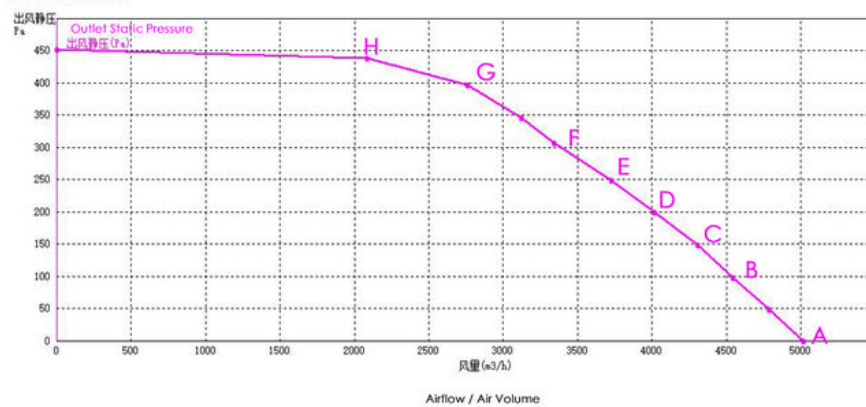
The flange is made of high-quality hot-rolled steel, with precision welding and anti-rust spray treatment. It features a refined appearance and possesses adequate rigidity and strength.

Product Performance Specifications

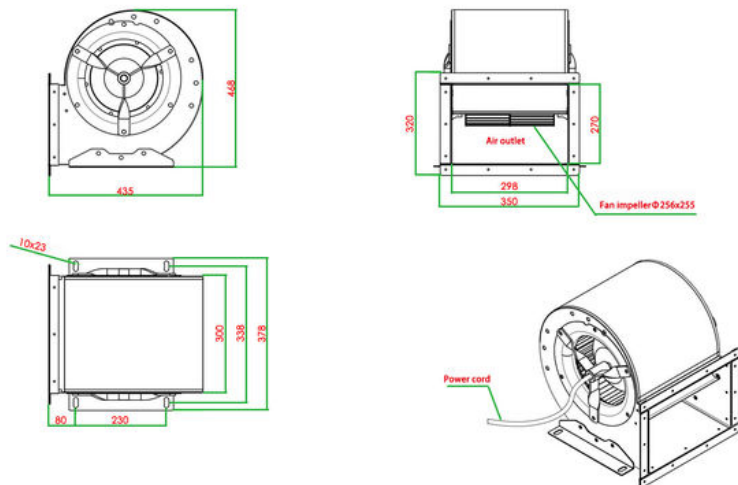
Model			DKT-2.55B-W		Fan Type			Centrifugal Fan		
Rated Voltage			380V		Frequency			50Hz		
Rated Power			0.8KW		Noise Level					
RPM (Revolutions Per Minute)			1400r/ min		Rated Current			2.3A		
No	Item	Units	A	B	C	D	E	F	G	H
1	Outlet Static Pressure	Pa	0.000	97.688	149.563	199.688	248.875	308.250	398.000	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	m ³ /h	5015.319	4545.634	4304.899	4014.063	3728.318	3339.424	2760.057	2088.372

Data Curve


Outlet Static Pressure



Dimensions diagram



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