

220V AC Cooling Fan 50x50x15mm

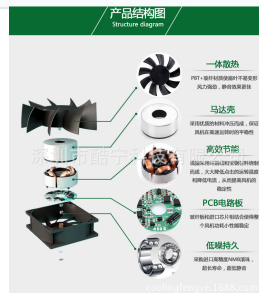
This 220V AC cooling fan offers a compact cooling solution with dimensions of 50x50x15mm. It features a die-cast aluminum housing and a glass fiber reinforced plastic impeller.



ADDITIONAL IMAGES



Product Overview

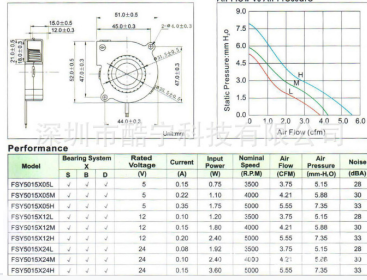


Detailed breakdown showing the PBT fiberglass blades, pure copper coils, and high-precision NMB bearings.

High-Efficiency 220V AC Cooling Solution

This compact 50x50x15mm AC cooling fan is engineered for professional-grade heat dissipation in electronic and industrial equipment. Featuring a robust die-cast aluminum housing and UL 94V-0 rated glass fiber reinforced plastic impellers, it provides reliable airflow for applications such as humidifiers, aromatherapy machines, and compressors. Designed for longevity, it utilizes high-temperature copper wiring and offers versatile connectivity options to suit various system requirements.

Technical Specifications



Performance curves and technical data for various model configurations.

Dimensions

50 mm

Width

50 mm

Height

15 mm

Depth

Rated Voltage

220 V

Insulation Impedance

500 M Ω

Resist Strength

2200 V/S

Construction Materials

Housing Material

Die-cast aluminum

Impeller Material

Glass fiber reinforced plastic (UL 94V-0 rating)

Coil Material

High-temperature pure copper wire

Performance & Reliability

两种选择 含油轴承和滚珠轴承

双球轴承 (DBL, 8 系列) 采用双球轴承的款式, 采用了两个滚珠轴承, 轴承与机壳紧密配合, 密封性好, 噪音低, 使用寿命长, 适用于长时间运行, 噪音低, 使用寿命更长。



含油轴承 (SHLS 系列) 采用含油轴承的款式, 在运行中通过油膜润滑, 噪音低, 使用寿命长, 适用于长时间运行, 噪音低, 使用寿命更长。

Choose between long-life double ball bearings or low-noise sleeve bearings.

Warranty Information

Bearing Type

Warranty Duration

Sleeve Bearing

1 Year

Ball Bearing

2 Years

Available Bearing Systems

Double Ball Bearing, Sleeve (Oil) Bearing

Max Operating Temperature

80 °C

Installation & Connectivity

风扇选购孔距参照图

| 风扇尺寸 | 风扇边长 | 对角孔距 | 平行孔距 |
|------|------|--------|--------|
| 14cm | 14cm | 17.7cm | 12.5cm |
| 12cm | 12cm | 15cm | 10.5cm |
| 9cm | 9cm | 11.7cm | 8.2cm |
| 8cm | 8cm | 10.1cm | 7.2cm |
| 7cm | 7cm | 8.6cm | 6.1cm |
| 6cm | 6cm | 7.6cm | 5.1cm |
| 5cm | 5cm | 5.7cm | 4.1cm |
| 4cm | 4cm | 4.5cm | 3.2cm |

选用风扇要先用尺子量一下孔距（孔距就是两个螺丝孔的距离）

注意：孔距的测量是以两螺丝孔的中心点为准

Reference guide for measuring parallel and diagonal hole distances for proper installation.

Plug Type (插头类型)



Wide range of terminal models and wire gauges available for custom connectivity.

Connection Options

- Leader wire
- Terminal connector

Compatible Plug Types

1.25 • EH 2.0 • 2510 (2.54) • XH 2.5 • YH 2.0 • SM

Wire Standards

UL1061, UL1007, UL1571

Usage Guidelines

Usage Precautions

- Avoid dust, water droplets, and insects to maintain lifespan
- Do not use in flammable gas or harmful environments
- Sleeve bearing fans should be used within 6 months of storage
- Avoid locking fan blades while powered to prevent overheating
- Do not drop from heights exceeding 60cm to protect bearing balance