

220V AC Cooling Fan 40x40x20mm

This AC cooling fan operates at 220V and measures 40x40x20mm. It provides efficient airflow for heat dissipation in electronic devices and machinery.



ADDITIONAL IMAGES



Product Overview

High-Efficiency 220V AC Cooling Fan

This compact 40x40x20mm cooling fan is engineered for professional thermal management in electronic and industrial equipment. Featuring a durable die-cast aluminum housing and a UL 94V-0 rated glass fiber reinforced impeller, it ensures reliable performance even in demanding environments. With high-temperature copper windings and versatile connection options, it is an ideal solution for power supplies, compressors, and space-constrained enclosures.

Technical Specifications



Compact 40mm AC fan suitable for tight industrial enclosures.

Dimensions

40 mm

Width

40 mm

Height

20 mm

Depth

Input Voltage

220 V AC

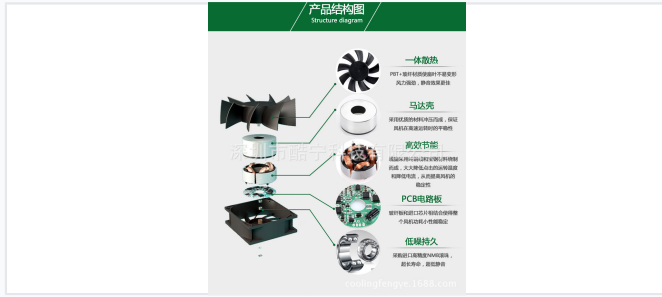
Insulation Impedance

500 M Ω

Resist Strength

2200 V/S

Construction & Materials



Detailed view of the motor housing, PCB, and copper windings.



Various terminal connectors available to suit different PCB and power interfaces.

Housing Material	Die-cast aluminum
Impeller Material	Glass fiber reinforced plastic (UL 94V-0 rating)
Winding Material	High-temperature pure copper line
Connection Types	Leader Wire, Terminal

Performance & Reliability



Comparison between high-durability ball bearings and low-noise sleeve bearings.

Bearing Systems

- Double Ball Bearing (Long life, high speed)
- Sleeve Bearing (Low noise, cost-effective)

Warranty Period

Bearing Type	Warranty Duration
Sleeve Bearing	1 Year
Ball Bearing	2 Years

Usage Guidelines

Operating Constraints

- Maximum operating temperature: 80°C
- Avoid environments with combustible gases
- Do not pull power lines or press blades during operation
- Ensure dust and water droplets do not enter the mechanism