220V AC Cooling Fan 120x120x38mm

This AC cooling fan operates at 220V and measures 120x120x38mm. It is designed to provide efficient cooling for various electronic and industrial applications.

ADDITIONAL IMAGES

Overview

Industrial-Grade 220V AC Cooling Solution

This 120x120x38mm AC cooling fan is engineered for high-performance thermal management in demanding B2B environments such as industrial machinery, power supplies, and compressors. Featuring a rugged die-cast aluminum housing and UL 94V-0 rated fiberglass reinforced impellers, it ensures reliable heat dissipation and long-term stability. The fan's high-temperature copper line construction and superior insulation properties make it an ideal choice for professionals seeking efficient and durable cooling components.

Technical Specifications

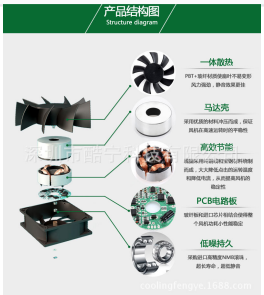
Standard 220V AC fan designed for industrial heat dissipation.

Dimensions

120 mm	120 mm	38 mm
Width	Height	Thickness

Rated Voltage	220 V
Insulation Impedance	500 M©
Resist Strength	2200V/S

Construction Materials



Detailed breakdown showing the pure copper coil, NMB bearings, and reinforced PCB for stable performance.

Flame Retardancy

UL 94V-0

Internal Components

- High-temperature copper line
- Pure copper wire winding
- Fiberglass PCB board
- High-precision NMB bearings

Housing Material	Die-cast aluminum
Impeller Material	Glass fiber reinforced plastic

Options & Customization

Buyers can choose between long-life ball bearings or quiet sleeve bearings based on application needs.

Various terminal models and wire gauges (UL1061, UL1007) are available for integration.

Bearing Options

Bearing Type	Warranty	Key Feature
Sleeve (Oil) Bearing	1 Year	Lower initial noise, cost-effective
Ball Bearing	2 Years	Longer lifespan, high-speed stability

Connection Options	Leader Wire, Terminal

Usage Guidelines

Safety & Maintenance

- Do not pull the power cord or press the blades
- Avoid use in environments with high dust or water droplets
- Operating temperature limit: 80°C
- Maximum screw torque: 4Kgf
- Avoid locking the fan while powered to prevent burnout