220V AC Cooling Fan 120x120x32mm

This 220V AC cooling fan provides efficient cooling for electronic components and industrial equipment. With dimensions of 120x120x32mm, it ensures optimal heat dissipation.

ADDITIONAL IMAGES

Overview

Industrial Grade 220V AC Cooling Solution

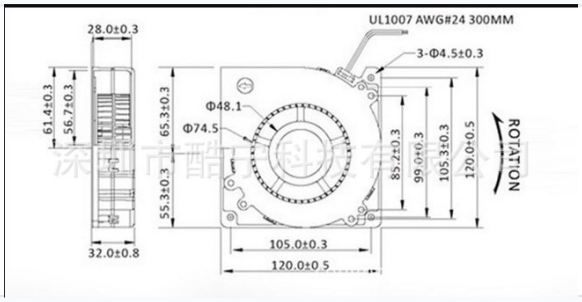
This 120x120x32mm AC cooling fan is engineered for high-performance thermal management in industrial environments, such as compressors and power supplies. Featuring a robust die-cast aluminum housing and glass fiber reinforced impellers, it ensures reliable operation and efficient heat dissipation. With options for both ball and sleeve bearings, this fan provides a versatile solution for maintaining stable operating temperatures in critical machinery.

Technical Specifications

Performance Metrics

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

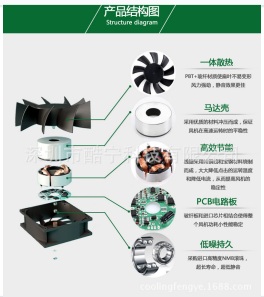
Physical Dimensions



Detailed Measurements

Dimension	Value
Frame Size	120.0 ± 0.5mm x 120.0 ± 0.5mm
Thickness	32.0 ± 0.8mm
Mounting Hole Diameter	¦4.5 ± 0.3mm
Inner Diameter	¦48.1mm
Outer Diameter	¦74.5mm
Lead Wire Length	300mm

Construction & Materials



Internal Components

- High-temperature pure copper line
- Baosteel material coil winding
- Fiberglass PCB with integrated chips
- PBT+Fiberglass fan blades

Housing	Die-cast aluminum
Impeller	Glass fiber reinforced plastic (UL 94V-0 rating)

Bearing Options

Available Bearing Systems

Type	Characteristics	Warranty
Ball Bearing	Long life, high speed, rolling friction, no oil leakage	2 Years
Sleeve (Oil) Bearing	Low noise, sliding friction, cost-effective	1 Year

Installation & Connectivity

Wiring Standards

UL1007 • UL1061 • UL1571 • AWG#24

Connection Types	Leader Wire, Terminal, XH 2.5, EH 2.0, 2510 (2.54), SM Connector

Safety & Usage

Operational Guidelines

- Do not use in environments exceeding 80°C
- Avoid dust, water droplets, and insect ingress
- Do not pull power cords or apply pressure to blades
- Ensure screw torque does not exceed 4Kgf during installation
- Avoid locking the fan while in operation to prevent burn-out