

AA9252MB-AT ADDA AC220-240V 92x92x25mm Terminal Axial Fan Datasheet



Brand: ADDA

SKU: [920476592966](#)

Category: Axial & Centrifugal Fans

Price: **\$19.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/aa9252mb-at-adda-ac220-240v-92x92x25mm-terminal-axial-fan>

Product Description

The ADDA AA9252MB-AT is a robust AC Axial Fan engineered for rigorous industrial thermal management applications requiring stable AC operation. Utilizing a precision ball bearing architecture, this unit ensures minimized frictional coefficients and extended operational longevity under continuous duty cycles, significantly outperforming sleeve bearing alternatives in vertical mounting orientations. The chassis is constructed from high-grade aluminum alloy, providing superior structural rigidity and efficient heat dissipation properties compared to standard thermoplastics. Its aerodynamic impeller design optimizes airflow dynamics to reduce thermal impedance within high-density enclosures, making it a reliable component for critical electronic cooling systems connected to AC220-240V mains power.

Model Number: AA9252MB-AT

Brand: ADDA

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Voltage Range: 220.0 - 240.0 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.07 / 0.06 A

Input Power: 13.0 / 11.0 W

Rated Speed: 2400 / 2900 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 32.0 / 37.0 CFM (54.3 / 62.8 m³/h / 0.90 / 1.04 m³/min)

Max. Static Pressure: 3.55 / 4.82 mmH₂O (34.8 / 47.2 Pa / 0.14 / 0.19 inH₂O)

Dimensions: 92 x 92 x 25 mm

Weight: 280 g (0.62 lbs)

Life Expectancy: 50,000 Hours @ 40°C

Noise Level: 32.0 / 37.0 dB(A)

Frame Material: Aluminum Alloy

Impeller Material: PBT (UL94V-0)

Termination: Terminals (2-Pin)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Insulation Resistance: > 100M Ohm @ 500VDC

Dielectric Strength: 1500 VAC for 1 Minute

Safety Certifications: UL, cUL, TUV, CE

Motor Protection: Impedance Protected

Mounting Orientation: Any (Vertical/Horizontal)

Designed for versatility, the AA9252MB-AT is frequently integrated into industrial automation control panels and server cabinet ventilation systems where consistent AC power is available. The durable aluminum construction allows the AA9252MB-AT to function effectively in CNC machinery electronics cooling and power supply unit (PSU) thermal regulation environments involving vibration. Additionally, its compact profile suits telecommunications equipment and instrumentation devices requiring reliable heat extraction without compromising internal spatial constraints.

Supplemental Images

