

MQ15050HBL2 Minquan 220VAC 150x150x50mm Aluminum Axial Fan Datasheet



SKU: [936485305016](#)

Category: Axial & Centrifugal Fans

Price: **\$21.99**

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Product Page:

<https://www.equipspares.com/product/mq15050hbl2-minquan-220vac-150x150x50mm-aluminum-axial-fan>

Product Description

The Minquan MQ15050HBL2 is a heavy-duty AC Axial Fan engineered for critical thermal management in industrial environments. Featuring a precision-balanced induction motor assembly and a durable Ball Bearing architecture, this unit ensures consistent operational stability and minimized thermal impedance over extended duty cycles. The aerodynamic profile is housed within a rugged die-cast aluminum frame, providing exceptional structural rigidity and effective heat dissipation. Designed for 220VAC systems, it delivers high-volume airflow through specifically contoured thermoplastic blades, making it an ideal solution for overcoming high system resistance in densely populated electrical enclosures and machinery.

Model Number: MQ15050HBL2

Brand: Minquan Electric

Product Type: AC Axial Fan

Rated Voltage: 220/240 VAC

Frequency: 50/60 Hz

Rated Current: 0.25 A

Power: 35 W

Rated Speed: 2400 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 190.0 CFM (322.8 m³/h / 5.38 m³/min)

Max. Static Pressure: 14.2 mmH₂O (139.2 Pa / 0.56 inH₂O)

Dimensions: 150 x 150 x 50 mm

Weight: 0.82 kg

Housing Material: Die-Cast Aluminum

Blade Material: Thermoplastic PBT (UL94V-0)

Termination: Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Insulation Resistance: > 500MΩ

Dielectric Strength: 1500VAC for 1 Min

Life Expectancy: 50,000 Hours @ 40°C

Mounting Orientation: Any

Ingress Protection: IP20

Motor Type: Capacitor-Run Induction Motor

The MQ15050HBL2 is specifically calibrated for demanding industrial applications requiring reliable forced air cooling. Commonly deployed in server cabinet ventilation systems, CNC machinery control panels, and large-scale power supply units, the MQ15050HBL2 effectively mitigates heat buildup in enclosed spaces. Its robust construction makes it suitable for factory automation equipment, welding machines, and telecommunications infrastructure where continuous, high-volume airflow is paramount for component longevity and system reliability.

Supplemental Images

