

# MQ12038HBL2 Minquan 220VAC 120x120x38mm Aluminum Axial Fan Datasheet



SKU: [972950710984](#)

Category: Axial & Centrifugal Fans

Price: **\$10.99**

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Product Page:

<https://www.equipspares.com/product/mq12038hbl2-minquan-220vac-120x120x38mm-aluminum-axial-fan>

## Product Description

The Minquan MQ12038HBL2 is a robust AC axial fan engineered for demanding industrial thermal management. Utilizing a durable ball bearing architecture, this unit ensures prolonged operational stability under continuous loads. The aerodynamic profile features a die-cast aluminum frame providing superior structural rigidity and thermal dissipation, paired with precision-molded thermoplastic impellers to optimize airflow dynamics. Designed for high-impedance environments, the motor assembly minimizes thermal impedance while maintaining consistent rotational velocity, making it an ideal solution for critical electronic enclosure ventilation and machinery cooling applications requiring reliable heat extraction.

Model Number: MQ12038HBL2

Brand: Minquan

Product Type: AC Axial Fan

Rated Voltage: 220 VAC

Frequency: 50/60 Hz

Rated Current: 0.14 A

Power Input: 30.8 W

Rated Speed: 2550 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 95.0 CFM (161.4 m<sup>3</sup>/h / 2.69 m<sup>3</sup>/min)

Max. Static Pressure: 0.32 inH<sub>2</sub>O (8.13 mmH<sub>2</sub>O / 79.7 Pa)

Dimensions: 120x120x38mm

Weight: 530 g

Frame Material: Aluminum Die-Cast

Blade Material: Thermoplastic PBT (UL94V-0)

Noise Level: 44 dBA

Life Expectancy: 50,000 Hours at 25°C

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: Lead Wires

Ingress Protection: IP20

Insulation Class: Class B

Mounting Orientation: Any

The MQ12038HBL2 is specifically calibrated for high-density industrial environments such as server racks, telecommunications cabinets, and automated manufacturing control panels. Its robust aluminum construction allows the MQ12038HBL2 to withstand the rigors of CNC machinery cooling and power supply ventilation, ensuring critical components remain within safe thermal operating limits during continuous duty cycles.

## Supplemental Images

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