

RAH1238B1 Xinruilian 220-240VAC 120x120x38mm Axial Fan Datasheet



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Category: Axial & Centrifugal Fans

Price: \$17.99

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<https://www.equipspares.com/product/rah1238b1-xinruilian-220-240vac-120x120x38mm-axial-fan>

Product Description

The Xinruilian RAH1238B1 is a robust AC Axial Fan engineered for demanding industrial thermal management applications. Utilizing advanced AC motor technology paired with a precision Dual Ball Bearing system, this unit ensures minimized friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow dynamics to reduce thermal impedance within high-density enclosures. Constructed with structural rigidity in mind, the fan housing withstands vibration and environmental stress, making it an ideal solution for critical cooling requirements where reliability is paramount.

Model Number: RAH1238B1

Brand: Xinruilian (X-FAN)

Product Type: AC Axial Fan

Rated Voltage: 220-240VAC

Frequency: 50/60 Hz

Voltage Range: 220.0 - 240.0 VAC

Rated Current: 0.20 A

Input Power: 30.0 W

Rated Speed: 2600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 95.0 CFM (161.4 m³/h / 2.69 m³/min)

Max. Static Pressure: 8.13 mmH₂O (79.7 Pa / 0.32 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 520 g

Life Expectancy: 50,000 Hours at 25°C

Frame Material: Aluminum Alloy

Impeller Material: PBT Thermoplastic (UL94V-0)

Noise Level: 44.0 dBA

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: Lead Wires

Ingress Protection: IP20

Dielectric Strength: 1500VAC for 1 Minute

Insulation Resistance: 10M Ohm at 500VDC

Motor Protection: Impedance Protected

Designed for high-reliability environments, the RAH1238B1 is extensively utilized in industrial automation and telecommunications infrastructure. Its robust construction makes it suitable for server racks, electrical control cabinets, and CNC machinery cooling systems where consistent airflow is critical. The RAH1238B1 excels in maintaining optimal operating temperatures for power supplies and welding equipment, ensuring component longevity and system stability in continuous-duty cycles.

Supplemental Images

