

JF1238B1UM-R Jamicon 12VDC 120x120x38mm DC Axial Fan Datasheet



Brand: Jamicon

SKU: 1012853582672

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/jf1238b1um-r-jamicon-12vdc-120x120x38mm-dc-axial-fan>

Product Description

The Jamicon JF1238B1UM-R is a high-performance DC Axial Fan engineered for critical thermal management in dense industrial environments. Utilizing advanced DC motor technology paired with a robust Dual Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous load. The 120mm aerodynamic impeller design optimizes static pressure capabilities while maintaining efficient airflow, effectively reducing thermal impedance in high-density enclosures. Its structural rigidity and precision balancing make it an ideal solution for demanding cooling applications requiring reliable heat dissipation and sustained performance.

Model Number: JF1238B1UM-R

Brand: Jamicon (Kaimei Electronic Corp)

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 1.00 A

Power: 12.00 W

Rated Speed: 4000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 152.0 CFM (258.2 m³/h / 4.30 m³/min)

Max. Static Pressure: 12.5 mmH₂O (122.5 Pa / 0.49 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 280 g

Life Expectancy: 70,000 Hours at 40°C

Frame Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Noise Level: 53.0 dB-A

Termination: Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Safety Certifications: CE, UL, TUV

The JF1238B1UM-R is specifically designed for high-demand industrial applications, prominently featuring in Uninterruptible Power Supply (UPS) systems where consistent cooling is vital for battery and inverter stability. Its high static pressure profile makes it equally suitable for server rack ventilation, telecommunications cabinets, and power supply units requiring forced air convection. By integrating the JF1238B1UM-R, facility managers ensure optimal operating temperatures for sensitive electronics, preventing thermal throttling in automation control panels and heavy-duty network equipment.

Supplemental Images

