

R1238L24BPLB1-7 Misumi 24VDC 120x120x38mm Axial Fan Datasheet



SKU: [963350816870](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

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Product Page:

<https://www.equipspares.com/product/r1238l24bplb1-7-misumi-24vdc-120x120x38mm-axial-fan>

Product Description

The Misumi R1238L24BPLB1-7 is a precision-engineered DC axial fan designed for critical thermal management in industrial environments. Utilizing advanced brushless DC motor technology, this unit ensures consistent rotational stability and optimized torque delivery while maintaining energy efficiency. The aerodynamic impeller design minimizes turbulence while maximizing static pressure capabilities, effectively reducing thermal impedance within high-density enclosures. Constructed with a robust frame and durable bearing architecture, the R1238L24BPLB1-7 maintains structural rigidity under continuous load, making it an ideal solution for systems requiring reliable forced air convection and long-term operational stability.

Model Number: R1238L24BPLB1-7

Brand: Misumi

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.18 A

Power: 4.32 W

Rated Speed: 2600 RPM (Reference)

Bearing Type: Ball Bearing

Max. Air Flow: 98.0 CFM (166.5 m³/h)

Max. Static Pressure: 7.2 mmH₂O (70.6 Pa)

Dimensions: 120 x 120 x 38 mm

Weight: 260 g

Life Expectancy: 50,000 Hours @ 40°C

Motor Type: Brushless DC

Termination: 2-Wire (Red/Black)

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Mounting Orientation: Any

Ingress Protection: IP20

The R1238L24BPLB1-7 is specifically engineered for demanding applications such as server rack cooling, industrial automation control cabinets, and telecommunications equipment. Its robust design allows for integration into CNC machinery and power supply units where consistent airflow is paramount for component longevity. By effectively dissipating heat in enclosed spaces, the R1238L24BPLB1-7 ensures optimal operating temperatures for sensitive electronics, preventing thermal throttling and hardware failure in continuous-duty cycles.

Supplemental Images

