

DZ12038B24UR Yimeng 24VDC 120x120x38mm 201CFM Axial Fan Datasheet



SKU: [945300355178](#)

Category: Axial & Centrifugal Fans

Price: **\$11.99**

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Product Page:

<https://www.equipspares.com/product/dz12038b24ur-yimeng-24vdc-120x120x38mm-201cfm-axial-fan>

Product Description

The Yimeng DZ12038B24UR is a high-capacity Axial Fan engineered for demanding industrial thermal management applications requiring substantial air displacement. Featuring a robust DC motor architecture paired with a high-precision maintenance-free Dual Ball Bearing system, this unit ensures exceptional rotational stability and longevity under continuous operation. The aerodynamic impeller design optimizes airflow efficiency to minimize thermal impedance within high-density enclosures. Constructed with structural rigidity to withstand significant static pressure, the DZ12038B24UR delivers reliable cooling performance in harsh environments, maintaining operational integrity across a broad temperature range.

Model Number: DZ12038B24UR

Brand: Yimeng

Product Type: Axial Fan

Rated Voltage: 24VDC

Rated Current: 2.00 A

Power Consumption: 48.00 W

Rated Speed: 4500 RPM \pm 10%

Bearing Type: Dual Ball Bearing (Maintenance-Free)

Max. Air Flow: 201.84 CFM (343.2 m³/h / 5.72 m³/min)

Max. Static Pressure: 23.37 mmH₂O (229.15 Pa / 0.92 inH₂O)

Dimensions: 120 x 120 x 38 mm

Noise Level: 63.9 dB

Life Expectancy: 40000 Hours

Operating Temperature: -15°C to 65°C

Protection Features: Locked Rotor Protection

Termination: 2-Wire Lead

The DZ12038B24UR is specifically designed for high-static pressure environments requiring aggressive heat dissipation, such as server racks, telecommunications cabinets, and industrial power supply units. Its robust construction makes the DZ12038B24UR suitable for CNC machinery and automated manufacturing equipment where consistent thermal regulation is critical for component longevity. Additionally, this model serves effectively in medical instrumentation and heavy-duty ventilation systems, ensuring optimal operating temperatures are maintained to prevent system failure.

Supplemental Images

