

LT1238B24V LTTEN 24VDC 120x120x38mm 1.36A Axial Fan Datasheet



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Category: Axial & Centrifugal Fans

Price: **\$15.99**

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Product Page:

<https://www.equipspares.com/product/lt1238b24v-ltten-24vdc-120x120x38mm-1-36a-axial-fan>

Product Description

The LTTEN LT1238B24V is a high-performance Axial Fan engineered for demanding industrial thermal management applications requiring substantial airflow and static pressure. Featuring a robust DC brushless motor architecture paired with a precision Dual Ball Bearing system, this unit ensures operational longevity and reduced frictional coefficients under continuous high-speed loads. The aerodynamic impeller design optimizes static pressure delivery while maintaining structural rigidity, effectively overcoming high thermal impedance in dense electronic enclosures. With a significant power rating of 32.64W, it delivers exceptional cooling capabilities, making it a critical component for systems requiring rapid heat dissipation and reliable 4-wire PWM speed control integration.

Model Number: LT1238B24V

Brand: LTTEN

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 1.36 A

Power Input: 32.64 W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 185.0 CFM (314.3 m³/h / 5.23 m³/min)

Max. Static Pressure: 21.5 mmH₂O (210.8 Pa / 0.85 inH₂O)

Dimensions: 120x120x38mm

Weight: 320 g

Noise Level: 58.5 dB-A

Speed Control: 4-Wire PWM / Temperature Control

Termination: Lead wires with Inverter Plug

Housing Material: PBT Plastic (UL94V-0)

Blade Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Ingress Protection: IP20

Designed for high-density thermal environments, the LT1238B24V is frequently deployed in enterprise server racks, telecommunications base stations, and industrial frequency inverters where consistent airflow is paramount. The LT1238B24V excels in cooling variable frequency drives and power supply units, ensuring component stability by actively managing internal temperatures through its precise PWM speed regulation and temperature control capabilities.

Supplemental Images

