

# D12BH-24D Y.L.FAN 24VDC 120x120x38mm 4700RPM DC Axial Fan Datasheet



**Brand:** Y.L.FAN

**SKU:** 916530310985

**Category:** Axial & Centrifugal Fans

**Price:** \$10.99

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Product Page:

<https://www.equipspares.com/product/d12bh-24d-y-l-fan-24vdc-120x120x38mm-4700rpm-dc-axial-fan>

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## Product Description

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The Y.L.FAN D12BH-24D is a precision-engineered DC Axial Fan designed for high-demand thermal management systems requiring superior airflow and static pressure capabilities. Utilizing advanced DC motor technology coupled with a durable ball bearing architecture, this unit ensures minimal friction and extended operational service life under continuous load. The 120mm chassis features an optimized impeller geometry that reduces turbulence while maximizing volumetric efficiency, effectively lowering thermal impedance in dense electronic enclosures. Constructed with high-grade materials, the D12BH-24D maintains structural rigidity and dimensional stability, making it an ideal solution for critical industrial cooling applications where reliability and performance consistency are paramount.

Model Number: D12BH-24D

Brand: Y.L.FAN

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Rated Current: 1.50 A

Measured Current: 1.31 A

Power Consumption: 36.00 W

Rated Speed: 4700 RPM

Bearing Type: Ball Bearing

Dimensions: 120 x 120 x 38 mm

Termination: 4-Wire Lead with 4-Pin Connector

Wire Length: 400 mm

Mounting Style: Flange Mount

Motor Type: Brushless DC

Application: Server Cabinet / Chassis Cooling

The D12BH-24D is engineered for rigorous industrial environments, specifically excelling in server cabinet cooling and high-density electronic chassis ventilation. Its high-speed profile makes it suitable for telecommunications equipment, power supply units, and automation control panels where overcoming system resistance is critical. Integrators frequently deploy the D12BH-24D in rack-mounted server arrays and CNC machinery to maintain optimal thermal envelopes, ensuring component longevity and system stability under continuous operation.

## Supplemental Images

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