

# THD1212HE-00BLM Delta 12VDC 120mm Metal Housing Axial Fan Datasheet



**Brand:** Delta

**SKU:** 971138396080

**Category:** Axial & Centrifugal Fans

**Price:** \$48.99

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Product Page:

<https://www.equipspares.com/product/thd1212he-00blm-delta-12vdc-120mm-metal-housing-axial-fan>

## Product Description

The Delta THD1212HE-00BLM is a robust industrial axial fan designed for demanding thermal management applications requiring substantial airflow and durability. Featuring a specialized metal housing and a precision-engineered dual ball bearing system, this unit ensures exceptional structural rigidity and operational longevity under high-stress conditions. The aerodynamic blade design optimizes airflow efficiency while maintaining significant static pressure, making it an ideal solution for critical cooling requirements in power electronics and variable frequency drives where thermal impedance must be minimized.

Model Number: THD1212HE-00BLM

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 12.0 A

Power Input: 144.0 W

Rated Speed: 6500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 260.5 CFM (442.6 m<sup>3</sup>/h)

Max. Static Pressure: 32.4 mmH<sub>2</sub>O (317.7 Pa)

Dimensions: 120 x 120 x 38 mm

Housing Material: Metal (Aluminum Die-Cast)

Blade Material: Reinforced Plastic UL94V-0

Termination: Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Life Expectancy: 70,000 Hours at 40°C

Ingress Protection: IP55 (Estimated)

Safety Certifications: UL, CUL, TUV, CE

The THD1212HE-00BLM is engineered for high-density industrial environments, specifically excelling in the thermal regulation of variable frequency drives (VFDs) and power inverters. Its robust metal construction allows for reliable operation in machinery where vibration and heat are prevalent, such as CNC control cabinets, heavy-duty power supplies, and telecom rectifiers. By integrating the THD1212HE-00BLM into critical infrastructure, operators ensure consistent airflow delivery, preventing thermal throttling in sensitive electronic components.

## Supplemental Images

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