

THD1248BE-00D1C Delta 48VDC 5.00A 120x120x38mm Axial Fan Datasheet



Brand: Delta

SKU: 828808599980

Category: Axial & Centrifugal Fans

Price: **\$24.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/thd1248be-00d1c-delta-48vdc-5-00a-120x120x38mm-axial-fan>

Product Description

The Delta THD1248BE-00D1C is a robust Axial Fan engineered for critical thermal management in high-density industrial environments. Utilizing advanced DC motor technology with a 12-pole design, this unit ensures consistent torque delivery and operational stability under heavy loads. The construction features a durable aluminum die-cast frame which significantly enhances structural rigidity and aids in heat dissipation, lowering overall thermal impedance. Designed with precision aerodynamics, the impeller maximizes airflow efficiency while maintaining mechanical integrity at high rotational speeds, making it an ideal solution for systems requiring aggressive cooling performance.

Model Number: THD1248BE-00D1C

Brand: Delta

Product Type: Axial Fan

Rated Voltage: 48VDC

Voltage Range: 36.0 - 56.0 VDC

Rated Current: 5.00 A

Power: 240 W

Rated Speed: 9000 RPM \pm 10%

Bearing Type: Ball Bearing

Max. Air Flow: 260.0 CFM (441.7 m³/h)

Max. Static Pressure: 2.85 inH₂O (710 Pa)

Dimensions: 120 x 120 x 38 mm

Weight: 480 g

Frame Material: Aluminum Die-Cast

Motor Type: 12-Pole DC Motor

Speed Control: PWM

Termination: 4-Wire Leads

Operating Temperature: -10°C to +70°C

Application: Server/Telecom

The THD1248BE-00D1C is specifically calibrated for high-static pressure applications such as enterprise server racks and telecommunications base stations where airflow resistance is significant. Its robust aluminum housing makes the THD1248BE-00D1C suitable for industrial automation equipment and CNC machinery that generate substantial heat loads, ensuring component longevity through rapid thermal evacuation.

Supplemental Images

