

THA1248BE-AJ0H Delta 48VDC 120x120x38mm IP68 Axial Fan Datasheet



Brand: Delta

SKU: [715712943355](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/tha1248be-aj0h-delta-48vdc-120x120x38mm-ip68-axial-fan>

Product Description

The Delta THA1248BE-AJ0H is a high-performance DC Axial Fan engineered for critical thermal management in demanding industrial and enterprise environments. Featuring a robust die-cast aluminum frame, this unit offers superior structural rigidity and thermal dissipation properties compared to standard plastic alternatives. The motor assembly utilizes advanced stator potting technology to achieve an IP68 ingress protection rating, ensuring operational integrity against dust and water immersion. Aerodynamically designed for high-impedance applications, the impeller delivers exceptional static pressure at a rotational speed of 8100 RPM. Integrated 4-wire PWM speed control allows for precise modulation of airflow, optimizing the balance between thermal performance and acoustic output.

Model Number: THA1248BE-AJ0H

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 36.0 - 75.0 VDC

Rated Current: 2.50 A

Operating Current: 1.15 A (Max 1.27 A)

Power: 120.0 W

Rated Speed: 8100 RPM \pm 10%

Bearing Type: Ball Bearing

Max. Air Flow: 269.0 CFM (457.0 m³/h / 7.61 m³/min)

Max. Static Pressure: 83.0 mmH₂O (813.9 Pa / 3.27 inH₂O)

Dimensions: 120 x 120 x 38 mm

Noise Level: 74.5 dBA

Frame Material: Die-Cast Aluminum

Ingress Protection: IP68 (Stator Potting)

Speed Control: 4-Wire PWM

Termination: Embedded Card Type Connector

Production Date: 2022

The THA1248BE-AJ0H is specifically designed for high-density server racks and telecommunications infrastructure, serving as a direct replacement component for Huawei and Cisco equipment. Its ruggedized aluminum construction and IP68 rating also make the THA1248BE-AJ0H highly suitable for harsh environment applications, including new energy vehicle thermal systems and agricultural drone modifications, such as the XAG P150 Pro mist cooling units.

Supplemental Images
