

# THD0948VE-03HHG Delta 48VDC 90x90x38mm 14500RPM Axial Fan Datasheet



**Brand:** Delta

**SKU:** [741818956273](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$16.99**

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Product Page:

<https://www.equipspares.com/product/thd0948ve-03hhg-delta-48vdc-90x90x38mm-14500rpm-axial-fan>

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## Product Description

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The Delta THD0948VE-03HHG is a high-performance DC Axial Fan engineered for critical thermal management in industrial environments. Featuring a robust 48VDC motor architecture, this unit delivers exceptional airflow dynamics through its precision-molded impeller designed to minimize thermal impedance. The chassis is constructed for maximum structural rigidity, housing a durable ball bearing system that ensures operational stability at a rotational speed of 14500 RPM. This cooling solution is optimized for high-static pressure applications, ensuring efficient heat dissipation in densely packed electronic enclosures.

Model Number: THD0948VE-03HHG

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 36.0 - 60.0 VDC

Rated Current: 2.20 A

Operating Current: 1.30 A (Max 1.56 A)

Power: 105.6 W

Rated Speed: 14500 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 260.5 CFM (442.6 m<sup>3</sup>/h / 7.37 m<sup>3</sup>/min)

Max. Static Pressure: 58.2 mmH<sub>2</sub>O (570.7 Pa / 2.29 inH<sub>2</sub>O)

Dimensions: 90 x 90 x 38 mm

Weight: 250 g

Frame Material: PBT Plastic (UL94V-0)

Blade Material: PBT Plastic (UL94V-0)

Ingress Protection: IP20

Insulation Class: Class A

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Termination: Lead Wires

Mounting Orientation: Any

Production Year: 2023

The THD0948VE-03HHG is specifically engineered for high-demand industrial applications requiring substantial static pressure to overcome system resistance. Common deployments include high-density server racks, telecommunications base stations, and precision CNC machinery where consistent airflow is paramount. The THD0948VE-03HHG excels in cooling power supplies and rectifiers, ensuring component longevity by effectively managing thermal loads in restricted spaces.

## Supplemental Images

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