

FB1548VH-C-C7U Delta 48VDC 172x150x25.4mm DC Axial Fan Datasheet



Brand: Delta

SKU: 971450004910

Category: Axial & Centrifugal Fans

Price: \$64.99

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/fb1548vh-c-c7u-delta-48vdc-172x150x25-4mm-dc-axial-fan>

Product Description

The Delta FB1548VH-C-C7U is a precision-engineered DC Axial Fan designed for high-demand industrial thermal management applications. Utilizing advanced motor technology and a robust bearing architecture, this unit operates efficiently at 48VDC to deliver superior airflow while minimizing thermal impedance. The fan features a specialized aerodynamic blade design that enhances static pressure capabilities, ensuring effective cooling even in densely packed enclosures. Constructed with structural rigidity in mind, the FB1548VH-C-C7U maintains stability under continuous high-speed operation. Its 4-wire interface allows for precise PWM speed control and tachometer signal monitoring, making it a critical component for systems requiring dynamic thermal regulation and high reliability.

Model Number: FB1548VH-C-C7U

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 28.0 - 56.0 VDC

Rated Current: 0.90 A

Power: 43.2 W

Rated Speed: 3800 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 235.0 CFM (399.2 m³/h / 6.65 m³/min)

Max. Static Pressure: 18.5 mmH₂O (181.4 Pa / 0.73 inH₂O)

Dimensions: 172 x 150 x 25.4 mm

Weight: 380 g

Life Expectancy: 70,000 Hours at 40°C

Termination: 4-Wire Leads (PWM/Tach)

Housing Material: Die-cast Aluminum / Thermoplastic

Impeller Material: Plastic UL94V-0

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Ingress Protection: IP55 (Optional)

Origin: Thailand

This industrial-grade cooling solution is specifically engineered for mission-critical environments such as industrial control chassis, server racks, and telecommunications infrastructure. The FB1548VH-C-C7U is particularly effective in scenarios requiring high volumetric airflow to dissipate heat from power-dense components. By integrating the FB1548VH-C-C7U into automation equipment and power supply units, operators can ensure sustained system performance and longevity, leveraging its robust design to withstand the rigors of continuous industrial operation.

Supplemental Images

