

AFB1548VH-CC7U Delta 48VDC 43.2W 172x150x25.4mm Axial Fan Datasheet



Brand: Delta

SKU: 947258747939

Category: Axial & Centrifugal Fans

Price: \$138.79

E-mail: sales@equipspares.com

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

Product Page:

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Product Description

Delta AFB1548VH-CC7U 172 x 150 x 25.4 mm 48 VDC 43.20 W 282.52 CFM axial fan utilizes a dual ball bearing system for extended operational life. The unit operates within a voltage range of 24.0 to 56.0 VDC and draws a rated current of 0.90 A. It incorporates a 4-wire termination supporting pulse width modulation (PWM) speed control and a frequency generator (tachometer) signal output. The mechanical design features a thermoplastic housing and impeller, delivering a static pressure of 20.30 mmH₂O at a rotational speed of 4000 RPM. Acoustic emissions are rated at 60.5 dB-A under full load conditions.

AFB1548VH-CC7U Specifications

Model: AFB1548VH-CC7U

Brand: Delta Electronics

Category: DC Axial Fan

Dimensions: 172 x 150 x 25.4 mm

Rated Voltage: 48 VDC

Operating Voltage Range: 24.0 to 56.0 VDC

Rated Current: 0.90 A

Maximum Safety Current: 1.35 A

Rated Input Power: 43.20 W

Maximum Safety Power: 64.80 W

Rated Speed: 4000 RPM

Maximum Airflow: 282.52 CFM (8.000 m³/min)

Maximum Static Pressure: 20.30 mmH₂O (0.799 inH₂O)

Noise Level: 60.5 dB-A

Bearing Type: Dual Ball Bearing

Termination: 4-wire (Lead Wires)

Function: PWM Control / Frequency Generator (Tach)

Material (Frame/Impeller): Plastic (UL 94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Weight: 430 g

Country of Origin: Thailand

AFB1548VH-CC7U Applications

Primary applications include integration into industrial server chassis, telecommunications base station cooling systems, and high-density power supply enclosures. Deployed within CNC machine control cabinets and automated manufacturing equipment requiring high-volume thermal management.

Supplemental Images

