

AFB0912H-A Delta 12VDC 92x92x25mm 3-Wire Axial Fan Datasheet



Brand: Delta

SKU: [757191225664](#)

Category: Axial & Centrifugal Fans

Price: **\$10.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/afb0912h-a-delta-12vdc-92x92x25mm-3-wire-axial-fan>

Product Description

The Delta AFB0912H-A is a precision-engineered DC axial fan designed for critical thermal management in electronic enclosures. Utilizing advanced aerodynamic blade geometry and a robust two-ball bearing architecture, this unit ensures sustained airflow with minimal structural vibration. The 12VDC motor integrates specialized circuitry to optimize torque delivery while maintaining low thermal impedance. Constructed with UL94V-0 rated thermoplastic, the AFB0912H-A offers superior durability and resistance to environmental stress, making it an ideal solution for systems requiring reliable, continuous cooling performance under demanding operational loads.

Model Number: AFB0912H-A

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Operating Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.30 A

Input Power: 3.60 W

Rated Speed: 2850 RPM

Max. Air Flow: 51.21 CFM (1.45 m³/min)

Max. Static Pressure: 4.50 mmH₂O (0.177 inH₂O)

Noise Level: 34.0 dB-A

Bearing Type: Two Ball Bearing

Dimensions: 92 x 92 x 25 mm

Weight: 99 g

Life Expectancy: 70,000 Hours at 40°C

Termination: 3-Wire (Lead Wire)

Wire Gauge: AWG24

Housing Material: Plastic (UL 94V-0)

Impeller Material: Plastic (UL 94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Safety Protection: Electronic Locked Rotor Protection

Output Signal: Tachometer (Frequency Generator)

The AFB0912H-A is frequently deployed in high-density computing environments, including server chassis and workstation power supply units, where consistent airflow is paramount. Industrial automation equipment and telecommunications racks also utilize the AFB0912H-A to dissipate heat generated by sensitive components. Its balanced profile allows for integration into medical instrumentation and network switches, ensuring component longevity through effective thermal regulation.

Supplemental Images

