

AFB0924HH Delta 24VDC 92x92x25mm 2-Wire Axial Fan Datasheet



Brand: Delta

SKU: 912250476999

Category: Axial & Centrifugal Fans

Price: **\$11.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/afb0924hh-delta-24vdc-92x92x25mm-2-wire-axial-fan>

Product Description

The Delta AFB0924HH is a precision-engineered DC Axial Fan designed for high-reliability thermal management in industrial environments. Utilizing advanced dual ball bearing architecture, this unit ensures minimal frictional coefficient and extended operational lifespan under continuous load. The impeller features an optimized aerodynamic profile to maximize static pressure while maintaining thermal impedance within critical limits. Constructed with a robust thermoplastic frame, the AFB0924HH delivers consistent airflow performance, making it an ideal solution for maintaining structural rigidity and cooling efficiency in demanding electronic enclosures and inverter systems. Its design prioritizes the balance between volumetric efficiency and acoustic signature for sensitive industrial applications.

Model Number: AFB0924HH

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.25 A

Power: 6.00 W

Rated Speed: 3200 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 57.92 CFM (98.41 m³/h / 1.64 m³/min)

Max. Static Pressure: 7.62 mmH₂O (74.73 Pa / 0.30 inH₂O)

Dimensions: 92 x 92 x 25.4 mm

Weight: 99 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 38.0 dB-A

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Termination: 2-Wire (Lead Wires)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Protection: Locked Rotor Protection, Polarity Protection

Safety Certifications: UL, cUL, TUV, VDE, CE

This cooling solution is specifically engineered for industrial automation and power conversion equipment. The AFB0924HH is frequently integrated into variable frequency drive (VFD) inverters and server chassis where consistent thermal dissipation is required to prevent component degradation. Additionally, the AFB0924HH serves as a critical component in telecommunications cabinets and CNC control panels, ensuring optimal operating temperatures for sensitive electronics in confined spaces.

Supplemental Images

