

AFB0924VH-SP02 Delta 24VDC 92x92x25mm Industrial Axial Fan Datasheet



Brand: Delta

SKU: [704138769231](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/afb0924vh-sp02-delta-24vdc-92x92x25mm-industrial-axial-fan>

Product Description

The Delta AFB0924VH-SP02 is a DC axial fan engineered for high-reliability thermal management in demanding industrial environments. Utilizing a brushless DC motor architecture, this unit minimizes thermal impedance through optimized blade geometry and a robust dual ball bearing system. The structural rigidity of the UL94V-0 plastic housing ensures dimensional stability under high rotational velocities. Designed for continuous operation, the AFB0924VH-SP02 integrates advanced aerodynamic profiles to maximize static pressure while maintaining acoustic efficiency, making it an essential component for critical cooling applications requiring precise airflow control and long-term durability.

Model Number: AFB0924VH-SP02

Brand: Delta

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.40A

Power: 9.6W

Rated Speed: 3800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 67.80 CFM (115.2 m³/h / 1.92 m³/min)

Max. Static Pressure: 10.30 mmH₂O (101.0 Pa / 0.406 inH₂O)

Noise Level: 45.0 dB-A

Dimensions: 92x92x25mm

Weight: 120g

Life Expectancy: 70,000 Hours at 40°C

Termination: 3-Lead Wires

Speed Control: Tachometer / FG Signal

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

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

Insulation Class: Class A

Certifications: UL, CSA, VDE, CE

The AFB0924VH-SP02 is extensively utilized in industrial frequency converters and power supply units where consistent heat dissipation is mandatory. In CNC machinery and automated control cabinets, the AFB0924VH-SP02 provides the necessary static pressure to overcome internal resistance. Its robust design also makes it suitable for telecommunications infrastructure and server rack cooling, ensuring that sensitive electronic components remain within optimal operating temperatures during peak loads.

Supplemental Images

