

AFB0924VH-R00 Delta 24VDC 92x92x25mm Sensor Axial Fan Datasheet



Brand: Delta

SKU: [748601928980](#)

Category: Axial & Centrifugal Fans

Price: **\$13.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/afb0924vh-r00-delta-24vdc-92x92x25mm-sensor-axial-fan>

Product Description

The Delta AFB0924VH-R00 is a high-efficiency DC axial fan engineered for demanding industrial environments. Utilizing advanced brushless DC motor technology and a precision dual ball bearing architecture, this unit ensures exceptional structural rigidity and long-term reliability. Its aerodynamic impeller design is optimized to minimize thermal impedance while maximizing airflow throughput in high-backpressure systems. The inclusion of an R00 locked rotor sensor provides critical system feedback, ensuring operational safety. Designed for continuous duty, the AFB0924VH-R00 maintains stable performance across a wide voltage range, making it an ideal solution for thermal management in power electronics and automated control systems.

Model Number: AFB0924VH-R00

Brand: Delta

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.40A

Power: 9.60W

Rated Speed: 3800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 67.80 CFM (1.920 m³/min)

Max. Static Pressure: 7.67 mmH₂O (75.22 Pa / 0.302 inH₂O)

Noise Level: 45.0 dB-A

Dimensions: 92x92x25mm

Weight: 120g

Life Expectancy: 70,000 Hours at 40°C

Speed Control: R00 Locked Rotor Alarm

Termination: 3 Lead Wires

Housing Material: Plastic (UL 94V-0)

Blade 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

Certifications: UL, CSA, VDE, CE

The AFB0924VH-R00 is specifically designed for integration into high-performance frequency inverters and industrial power supplies where consistent thermal regulation is mandatory. In server rack configurations and telecommunications enclosures, the AFB0924VH-R00 provides the necessary static pressure to overcome dense internal components. Its robust construction also makes it suitable for CNC machinery and medical diagnostic equipment, ensuring that sensitive electronics remain within optimal operating temperatures during peak load cycles.

Supplemental Images

