

# AFB0924VH-CU89 Delta 24VDC 0.40A 90x90x25mm Axial Fan Datasheet



**Brand:** Delta

**SKU:** [585791867106](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$12.99**

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Product Page:

<https://www.equipspares.com/product/afb0924vh-cu89-delta-24vdc-0-40a-90x90x25mm-axial-fan>

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## Product Description

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The Delta AFB0924VH-CU89 is a DC Brushless Axial Fan engineered for high-efficiency thermal management in demanding industrial environments. Utilizing a sophisticated DC brushless motor architecture, this unit minimizes thermal impedance while maximizing structural rigidity through its UL94V-0 plastic housing and impeller. The dual ball bearing system ensures extended operational longevity and stability under continuous duty cycles. Its aerodynamic blade profile is optimized to deliver high static pressure and airflow, making it an ideal solution for heat dissipation in compact enclosures where reliability is paramount. The 2-wire configuration provides straightforward integration into existing power systems.

Model Number: AFB0924VH-CU89

Brand: Delta

Product Type: DC Brushless Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.40A

Power: 9.6W

Rated Speed: 3500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 81.47 CFM (138.4 m<sup>3</sup>/h / 2.31 m<sup>3</sup>/min)

Max. Static Pressure: 9.81 mmH<sub>2</sub>O (96.24 Pa / 0.39 inH<sub>2</sub>O)

Dimensions: 90x90x25mm

Weight: 120g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 38 dBA

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 Features: Locked Rotor Protection, Reverse Polarity Protection

The AFB0924VH-CU89 is primarily utilized in industrial frequency inverters and power supply units where consistent airflow is critical for component longevity. Due to its robust construction, the AFB0924VH-CU89 is also frequently integrated into telecommunications enclosures, server racks, and CNC machinery control cabinets. Its compact 90mm form factor allows for versatile mounting in space-constrained medical devices and automated industrial systems requiring reliable active cooling.

## Supplemental Images

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