

AFB0624VH-A Delta 24VDC 60x60x25mm Cooling Axial Fan Datasheet



Brand: Delta

SKU: [693860014213](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/afb0624vh-a-delta-24vdc-60x60x25mm-cooling-axial-fan>

Product Description

The Delta AFB0624VH-A is a precision-engineered DC axial fan designed for critical thermal management in industrial electronics. Utilizing advanced brushless DC motor technology and a dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The impeller features an optimized aerodynamic profile that maximizes static pressure while maintaining efficient airflow delivery, effectively reducing thermal impedance in high-density enclosures. Constructed with UL94V-0 rated thermoplastic, the AFB0624VH-A offers superior structural rigidity and resistance to environmental stress, making it an ideal solution for maintaining system stability in demanding inverter and power supply applications.

Model Number: AFB0624VH-A

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.17 A

Input Power: 4.08 W

Rated Speed: 4500 RPM

Bearing Type: 2-Ball Bearing

Max. Air Flow: 27.55 CFM (46.81 m³/h / 0.78 m³/min)

Max. Static Pressure: 6.92 mmH₂O (67.86 Pa / 0.27 inH₂O)

Dimensions: 60 x 60 x 25.4 mm

Weight: 80 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 38.0 dB-A

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

Termination: Lead Wires (UL 1007 AWG #24)

Ingress Protection: IP50 (Standard)

Safety Protection: Impedance Protected, Reverse Polarity, Locked Rotor

Certifications: UL, cUL, TUV, VDE, CE

The AFB0624VH-A is specifically engineered for thermal regulation in compact industrial equipment where reliability is paramount. Common deployment scenarios include variable frequency drive (VFD) inverters, server rack cooling modules, and telecommunication power supplies. The AFB0624VH-A excels in CNC machinery control panels and medical instrumentation, ensuring sensitive components remain within safe operating temperature ranges to prevent thermal throttling or hardware failure.

Supplemental Images

