

# AFB0424HHB Delta 24VDC 40x40x15mm Axial Fan Datasheet



**Brand:** Delta

**SKU:** [931635401389](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$10.99**

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Product Page: <https://www.equipspares.com/product/afb0424hhb-delta-24vdc-40x40x15mm-axial-fan>

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## Product Description

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The Delta AFB0424HHB is a precision-engineered DC axial fan designed for high-reliability thermal management in industrial environments. Utilizing advanced motor technology and a dual ball bearing architecture, this unit ensures minimal friction and extended operational lifespan under continuous load. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity, effectively reducing thermal impedance in compact enclosures. Engineered for stability, the AFB0424HHB delivers consistent cooling performance, making it an ideal solution for critical electronic components requiring sustained heat dissipation and long-term durability.

Model Number: AFB0424HHB

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.13 A

Input Power: 3.12 W

Rated Speed: 6800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 11.48 CFM (19.51 m<sup>3</sup>/h / 0.32 m<sup>3</sup>/min)

Max. Static Pressure: 6.68 mmH<sub>2</sub>O (65.51 Pa / 0.26 inH<sub>2</sub>O)

Dimensions: 40x40x15mm

Weight: 33.0 g

Noise Level: 34.0 dB-A

Frame Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Life Expectancy: 70,000 Hours at 40°C

Termination: 2-Wire Leads (Red +, Black -)

Ingress Protection: IP20

Insulation Resistance: 10 Megohm min. at 500 VDC

Dielectric Strength: 500 VAC for 1 minute

Protection: Locked Rotor Protection, Polarity Protection

The AFB0424HHB is specifically engineered for demanding industrial applications where space is limited but airflow requirements are critical. Common deployments include cooling variable frequency drives (VFDs), industrial automation controllers, and compact power supply units. The AFB0424HHB is also frequently utilized in network communication equipment and server rack modules to maintain optimal operating temperatures for sensitive electronics. Its robust construction ensures reliability in CNC machinery control panels and medical instrumentation.

## Supplemental Images

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