

AFB0624HB Delta 24VDC 60x60x15mm 0.12A Axial Fan Datasheet



Brand: Delta

SKU: [991204506804](#)

Category: Axial & Centrifugal Fans

Price: **\$7.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page: <https://www.equipspares.com/product/afb0624hb-delta-24vdc-60x60x15mm-0-12a-axial-fan>

Product Description

The Delta AFB0624HB is a precision-engineered DC axial fan designed for critical thermal management in industrial environments. Utilizing advanced brushless DC motor technology combined with a robust double ball bearing architecture, this unit ensures exceptional operational longevity and reduced friction coefficients. The aerodynamic impeller design optimizes airflow dynamics to minimize thermal impedance while maintaining structural rigidity under continuous load. Constructed with high-grade UL94V-0 thermoplastic, the AFB0624HB delivers reliable cooling performance, effectively mitigating heat accumulation in compact electronic assemblies and power supply units.

Model Number: AFB0624HB

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.12 A

Input Power: 2.88 W

Rated Speed: 4000 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 15.19 CFM (25.81 m³/h / 0.43 m³/min)

Max. Static Pressure: 3.45 mmH₂O (33.83 Pa / 0.136 inH₂O)

Dimensions: 60 x 60 x 15 mm

Weight: 44 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 32.0 dB-A

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

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

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Ingress Protection: IP20 (Standard)

Insulation Class: Class A

Safety Certifications: UL, cUL, TUV, VDE, CE

Protection: Polarity Protection, Impedance Protected

The AFB0624HB is specifically engineered for high-density industrial applications where space constraints and reliability are paramount. Common deployment scenarios include cooling localized hotspots in server rack power supplies, ventilating compact CNC control modules, and maintaining thermal equilibrium in telecommunications equipment. The robust construction of the AFB0624HB allows it to operate effectively in automation enclosures and medical instrumentation, ensuring critical components remain within safe operating temperature ranges during continuous duty cycles.

Supplemental Images

