

# AFB0612HB Delta 12VDC 60x60x15mm 0.15A DC Axial Fan Datasheet



**Brand:** Delta

**SKU:** [910619616825](#)

**Category:** Axial & Centrifugal Fans

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

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Product Page:

<https://www.equipspares.com/product/afb0612hb-delta-12vdc-60x60x15mm-0-15a-dc-axial-fan>

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## Product Description

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The Delta AFB0612HB is a high-reliability DC Axial Fan engineered for precision thermal management in compact electronic enclosures. Utilizing advanced DC brushless motor technology and a robust 2 Ball Bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity, effectively reducing thermal impedance within high-density cabinet environments. Constructed with UL94V-0 rated thermoplastic, the AFB0612HB balances durability with acoustic performance, making it an ideal solution for industrial cooling applications requiring stable static pressure and consistent air delivery.

Model Number: AFB0612HB

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.15 A

Power Input: 1.80 W

Rated Speed: 4000 RPM

Bearing Type: 2 Ball Bearing

Max. Air Flow: 15.43 CFM (26.21 m<sup>3</sup>/h / 0.437 m<sup>3</sup>/min)

Max. Static Pressure: 4.62 mmH<sub>2</sub>O (45.30 Pa / 0.182 inH<sub>2</sub>O)

Dimensions: 60 x 60 x 15 mm

Weight: 44 g (1.55 oz)

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 32.0 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: 2 Wire Leads

Ingress Protection: IP50

Safety Certifications: UL, cUL, TUV, CE

The Delta AFB0612HB is specifically designed for critical thermal regulation in industrial cabinets, server racks, and telecommunications equipment where space is at a premium. Its compact 60mm form factor allows the AFB0612HB to integrate seamlessly into network switches, power supply units, and medical instrumentation, providing efficient heat dissipation for sensitive components. By maintaining optimal operating temperatures, this model ensures system stability in automation controllers and CNC machinery interfaces.

## Supplemental Images

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