

# AFB0612HH-102 Delta 12VDC 0.20A 60x60x25mm Axial Fan Datasheet



**Brand:** Delta

**SKU:** [822669313002](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$16.99**

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Product Page:

<https://www.equipspares.com/product/afb0612hh-102-delta-12vdc-0-20a-60x60x25mm-axial-fan>

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## Product Description

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The Delta AFB0612HH-102 is a precision-engineered Axial Fan designed for high-reliability thermal management applications. Utilizing Delta's advanced DC brushless motor technology, this unit features a robust Dual Ball Bearing system that significantly reduces friction and heat generation, ensuring an extended operational lifespan of up to 70,000 hours. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity under high static pressure conditions. Constructed with UL94V-0 rated PBT plastic, the housing offers superior thermal impedance and fire resistance, making it suitable for demanding industrial environments requiring consistent cooling performance and mechanical stability.

Model Number: AFB0612HH-102

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.20 A

Input Power: 2.40 W

Rated Speed: 5000 RPM

Max. Air Flow: 27.55 CFM (46.81 m<sup>3</sup>/h / 0.78 m<sup>3</sup>/min)

Max. Static Pressure: 5.62 mmH<sub>2</sub>O (55.11 Pa / 0.221 inH<sub>2</sub>O)

Bearing Type: Dual Ball Bearing

Noise Level: 40.0 dB-A

Dimensions: 60 x 60 x 25 mm

Weight: 80.0 g (2.82 oz)

Life Expectancy: 70,000 Hours at 40°C

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Housing Material: Plastic (UL 94V-0)

Impeller Material: Plastic (UL 94V-0)

Ingress Protection: IP20 (Standard)

Insulation Class: Class A

Motor Protection: Impedance Protected, Reverse Polarity Protection

Termination: Lead Wires

Wire Gauge: AWG 24

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

This cooling solution is engineered for critical hardware integration, including server rack enclosures, telecommunications equipment, and industrial automation control panels. The AFB0612HH-102 provides necessary airflow for power supply units and compact electronic chassis where space is limited but heat dissipation is critical. Medical instrumentation and CNC machinery also benefit from the stable performance of the AFB0612HH-102, ensuring components remain within safe operating temperature ranges during continuous duty cycles.

## Supplemental Images

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