

AFB0612HC-G120 Delta 12VDC 0.21A 60x60x15mm Axial Fan Datasheet



Brand: Delta

SKU: [1027392824380](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/afb0612hc-g120-delta-12vdc-0-21a-60x60x15mm-axial-fan>

Product Description

The Delta AFB0612HC-G120 is a DC Axial Fan engineered for precision thermal management in space-constrained environments. Utilizing a brushless DC motor with dual ball bearing architecture, this unit ensures high structural rigidity and minimized thermal impedance during continuous operation. Its aerodynamic impeller design is optimized for efficient airflow delivery and static pressure generation, effectively mitigating heat buildup in dense electronic assemblies. The AFB0612HC-G120 incorporates advanced electronic commutation to maintain operational stability across its voltage range, providing a reliable cooling solution for critical industrial components requiring consistent heat dissipation, low vibration, and long-term durability in demanding duty cycles.

Model Number: AFB0612HC-G120

Brand: Delta

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.21 A

Power: 2.52 W

Rated Speed: 4000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 21.01 CFM (35.70 m³/h / 0.595 m³/min)

Max. Static Pressure: 4.80 mmH₂O (47.07 Pa / 0.189 inH₂O)

Dimensions: 60 x 60 x 15 mm

Weight: 44 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 34.0 dB-A

Termination: 3-Wire Lead Wires

Housing Material: Plastic (UL 94V-0)

Blade Material: Plastic (UL 94V-0)

Operating Temperature: -10 ~ 70 °C

Storage Temperature: -40 ~ 75 °C

Mounting Orientation: Any

Insulation Class: Class A

Protection: Locked Rotor Protection, Reverse Polarity Protection

Signal Output: Tachometer / Frequency Generator

Certifications: UL, CSA, VDE, CE

The AFB0612HC-G120 is ideally suited for integration into compact server enclosures and telecommunications equipment where reliable heat extraction is paramount. Industrial power supplies and medical diagnostic devices benefit from the consistent performance of the AFB0612HC-G120, ensuring internal components remain within safe operating temperatures. Its robust construction also makes it a preferred choice for CNC controllers and automated industrial machinery.

Supplemental Images

