

AFB0612VHC-BQ25 Delta 12VDC 60x60x13mm 2-Wire Axial Fan Datasheet



Brand: Delta

SKU: [771508329634](#)

Category: Axial & Centrifugal Fans

Price: **\$11.99**

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Product Page:

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Product Description

The Delta Electronics AFB0612VHC-BQ25 is a precision-engineered Axial Fan designed for high-performance thermal management in compact industrial environments. Utilizing advanced DC brushless motor technology paired with a durable ball bearing system, this unit ensures minimal friction and extended operational lifespan under continuous load. The aerodynamic blade geometry is optimized to maximize airflow while maintaining structural rigidity, effectively reducing thermal impedance in densely packed electronic enclosures. Its robust construction meets rigorous industrial standards, making it a reliable solution for critical cooling applications requiring consistent static pressure and efficient heat dissipation.

Model Number: AFB0612VHC-BQ25

Brand: Delta Electronics

Product Type: Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.36 A

Power Input: 4.32 W

Rated Speed: 5400 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 28.25 CFM (48.0 m³/h)

Max. Static Pressure: 7.62 mmH₂O (74.7 Pa / 0.30 inH₂O)

Dimensions: 60 x 60 x 13 mm

Weight: 44 g

Noise Level: 41.5 dB-A

Frame Material: PBT Plastic (UL94V-0)

Blade Material: PBT Plastic (UL94V-0)

Termination: 2-Wire (Lead Wires)

Wire Gauge: AWG24

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Life Expectancy: 70,000 Hours at 40°C

Ingress Protection: IP5X

Insulation Resistance: 10 Megohm min. at 500 VDC

Dielectric Strength: 500 VAC for 1 minute

Safety Certifications: UL, cUL, TUV, CE

Engineered for versatility, the AFB0612VHC-BQ25 is frequently integrated into compact server racks, telecommunications equipment, and industrial automation control panels where space is limited but heat generation is high. The high static pressure capabilities of the AFB0612VHC-BQ25 make it particularly effective for forcing air through restricted pathways in power supply units and medical instrumentation, ensuring critical components remain within safe operating temperature ranges during continuous duty cycles.

Supplemental Images

