

AUB0912VH-DEA Delta 12VDC 90x90x25mm PWM Axial Fan Datasheet



Brand: Delta

SKU: 1015854899511

Category: Axial & Centrifugal Fans

Price: \$12.99

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Product Page:

<https://www.equipspares.com/product/aub0912vh-dea-delta-12vdc-90x90x25mm-pwm-axial-fan>

Product Description

The Delta AUB0912VH-DEA is a high-efficiency DC Axial Fan engineered for critical thermal management in industrial and computing environments. Utilizing advanced brushless motor technology, this 90mm cooling solution optimizes airflow dynamics to minimize thermal impedance within dense electronic enclosures. The unit features a robust structural rigidity and a precision bearing architecture designed to sustain high rotational speeds while maintaining operational stability. With integrated PWM pulse width modulation control, the AUB0912VH-DEA allows for dynamic speed adjustment, ensuring an optimal balance between acoustic performance and static pressure capabilities for demanding applications.

Model Number: AUB0912VH-DEA

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.60 A

Power Input: 7.20 W

Rated Speed: 3800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 67.80 CFM (115.2 m³/h / 1.92 m³/min)

Max. Static Pressure: 7.67 mmH₂O (75.2 Pa / 0.30 inH₂O)

Dimensions: 90x90x25mm

Noise Level: 45.0 dBA

Speed Control: PWM (Pulse Width Modulation)

Termination: 4-Wire Lead with 4-Pin Connector

Housing Material: PBT Plastic (UL94V-0)

Blade Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Weight: 102 g

The AUB0912VH-DEA is specifically calibrated for integration into high-density server racks, precision medical instrumentation, and industrial automation control panels where consistent thermal dissipation is mandatory. Its PWM capability makes it ideal for variable load environments such as workstation CPU cooling and telecommunications chassis, allowing the system to regulate temperature efficiently. By deploying the AUB0912VH-DEA, engineers ensure reliable operation in continuous-duty cycles required by CNC machinery and power supply units.

Supplemental Images

