

# AFB1212VHE Delta 12VDC 120x120x38mm 0.90A Axial Fan Datasheet



**Brand:** Delta

**SKU:** [925260952947](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$12.99**

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Product Page:

<https://www.equipspares.com/product/afb1212vhe-delta-12vdc-120x120x38mm-0-90a-axial-fan>

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## Product Description

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The Delta AFB1212VHE is a high-efficiency DC Axial Fan engineered for critical thermal management in industrial environments. Featuring a robust Two Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes static pressure capabilities while maintaining substantial airflow, making it ideal for high-impedance systems. Constructed with UL94V-0 rated thermoplastic, the frame offers superior structural rigidity and thermal resistance. This 120mm cooling solution delivers reliable performance, effectively mitigating thermal impedance in power supplies and server enclosures.

Model Number: AFB1212VHE

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.90 A

Input Power: 10.80 W

Rated Speed: 3200 RPM

Bearing Type: Two Ball Bearing

Max. Air Flow: 129.96 CFM (220.8 m<sup>3</sup>/h / 3.68 m<sup>3</sup>/min)

Max. Static Pressure: 10.70 mmH<sub>2</sub>O (105.0 Pa / 0.42 inH<sub>2</sub>O)

Dimensions: 120 x 120 x 38 mm

Weight: 256 g

Noise Level: 48.0 dB-A

Life Expectancy: 70,000 Hours at 40°C

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: Lead Wires (UL 1007 AWG #24)

Protection: Locked Rotor Protection, Polarity Protection

Origin: Thailand

The AFB1212VHE is specifically calibrated for demanding industrial applications requiring consistent heat dissipation, such as Uninterruptible Power Supplies (UPS) and rack-mounted server chassis. Its high static pressure profile makes the AFB1212VHE an excellent choice for telecommunications cabinets and CNC machinery control panels where airflow is restricted by dense componentry. Additionally, this model serves as a reliable replacement component for medical instrumentation and heavy-duty power inverters, ensuring system stability through effective thermal regulation.

## Supplemental Images

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