

# AFB1212EJ-01G44 Delta 12VDC 120x120x25mm Axial Fan Datasheet



**Brand:** Delta

**SKU:** [1035003417014](#)

**Category:** Axial & Centrifugal Fans

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

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Product Page:

<https://www.equipspares.com/product/afb1212ej-01g44-delta-12vdc-120x120x25mm-axial-fan>

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## Product Description

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Delta AFB1212EJ-01G44 is a 120 x 120 x 25 mm axial cooling fan operating at a nominal 12 VDC with a rated current of 1.50 A and a maximum airflow capacity of 130.86 CFM. The unit features a dual ball bearing system and a brushless DC motor housed within a UL 94V-0 plastic impeller and frame. It utilizes a 4-wire interface supporting pulse width modulation (PWM) for precise speed control, achieving a static pressure of 18.38 mmH<sub>2</sub>O at a rotational speed of 4500 RPM. The internal construction includes a locked rotor protection mechanism and polarity protection to ensure operational stability under high-performance thermal loads.

### AFB1212EJ-01G44 Specifications

Model: AFB1212EJ-01G44

Brand: Delta Electronics

Category: DC Axial Fan

Dimensions: 120 x 120 x 25 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 7.0 to 13.2 VDC

Rated Current: 1.50 A

Input Power: 18.0 W

Rated Speed: 4500 RPM

Maximum Airflow: 130.86 CFM (3.706 m<sup>3</sup>/min)

Maximum Static Pressure: 18.38 mmH<sub>2</sub>O (0.724 inH<sub>2</sub>O)

Acoustic Noise: 58.5 dB-A

Bearing Type: Dual Ball Bearing

Interface: 4-wire (PWM Control)

Material (Frame/Impeller): Plastic (UL 94V-0)

Operating Temperature: -10 to 60 °C

Storage Temperature: -40 to 75 °C

Weight: 190 g

Safety Certifications: UL, CUL, TUV, CE

#### AFB1212EJ-01G44 Applications

Primary applications include integration into high-density server rack enclosures, industrial workstation chassis, and telecommunications switching equipment. Deployed within CNC controller cooling systems and automated power supply units requiring active thermal management via PWM feedback loops.

## Supplemental Images

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