

AFB1212H-F00 Delta 12V 82.67CFM High Speed Axial Fan Datasheet



Brand: Delta

SKU: [676150256501](#)

Category: Axial & Centrifugal Fans

Price: **\$14.99**

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Product Page:

<https://www.equipspares.com/product/afb1212h-f00-delta-12v-82-67cfm-high-speed-axial-fan>

Product Description

The Delta AFB1212H-F00 is a high-performance DC axial fan designed for efficient thermal management in electronic and industrial applications. Featuring a durable two-ball bearing system and a tachometer output sensor (F00), this 120mm fan delivers substantial airflow while maintaining operational stability. Its robust construction ensures a long service life, making it suitable for continuous duty cycles in demanding environments.

Manufacturer: Delta Electronics

Model Number: AFB1212H-F00

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Operating Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.35 A

Input Power: 4.20 W

Nominal Speed: 2800 RPM

Max. Air Flow: 82.67 CFM (140.45 m³/h / 2.34 m³/min)

Max. Static Pressure: 6.69 mmH₂O (65.60 Pa / 0.26 inH₂O)

Noise Level: 38.5 dB-A

Bearing Type: Ball Bearing

Termination: 3-Wire Leads (Frequency Generator/Tachometer)

Frame Material: Plastic (UL 94V-0)

Impeller Material: Plastic (UL 94V-0)

Operating Temperature: -10 to +70 °C

Life Expectancy: 70,000 Hours (at 40°C)

Dimensions: 120 x 120 x 25.4 mm

Weight: 198 g

The Delta AFB1212H-F00 is engineered for critical cooling tasks within server cabinets, telecommunications equipment, and high-performance personal computer workstations requiring active ventilation. Its precise speed monitoring capability makes it ideal for intelligent thermal management systems where fan speed modulation is necessary to balance cooling efficiency with noise generation. Additionally, this model is frequently utilized in industrial automation control panels and power supply units where consistent airflow is paramount to prevent component overheating.

Supplemental Images

