

FFB0812EHE-7AN Delta 12VDC 80x80x38mm 3-Wire Axial Fan Datasheet



Brand: Delta

SKU: [1023101740046](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ffb0812ehe-7an-delta-12vdc-80x80x38mm-3-wire-axial-fan>

Product Description

The Delta FFB0812EHE-7AN is a DC Axial Fan engineered for high-density thermal management applications. Utilizing a brushless DC motor with dual ball bearing architecture, this unit ensures exceptional structural rigidity and long-term reliability under continuous operation. Its advanced aerodynamic impeller design is optimized to minimize thermal impedance in restricted airflow environments. The FFB series is specifically designed to deliver high static pressure, making it ideal for overcoming the resistance of dense heat sinks or chassis filters. This industrial-grade component features UL94V-0 plastic construction for enhanced safety and durability in demanding electronic systems.

Model Number: FFB0812EHE-7AN

Brand: Delta

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 1.35 A

Power: 16.2 W

Rated Speed: 5700 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 80.16 CFM (136.2 m³/h / 2.27 m³/min)

Max. Static Pressure: 20.63 mmH₂O (202.3 Pa / 0.812 inH₂O)

Dimensions: 80x80x38mm

Weight: 170 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 52.5 dB-A

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Termination: 3 Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Mounting Orientation: Any

Protection: Locked Rotor Protection, Reverse Polarity Protection

Certifications: UL, CSA, VDE, CE

The FFB0812EHE-7AN is primarily deployed in high-performance server enclosures and telecommunications equipment where heat dissipation is critical. Due to its high static pressure capabilities, the FFB0812EHE-7AN is also an excellent choice for industrial workstations, CNC control cabinets, and medical diagnostic imaging systems. Its robust construction ensures stable performance in 24/7 mission-critical environments.

Supplemental Images

