

FFB1212EHE-T7Z3 Delta 12VDC 120x120x38mm 3.00A Axial Fan Datasheet



Brand: Delta

SKU: [945280545460](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ffb1212ehe-t7z3-delta-12vdc-120x120x38mm-3-00a-axial-fan>

Product Description

The Delta FFB1212EHE-T7Z3 is a high-capacity DC Axial Fan engineered for demanding industrial thermal management. Utilizing advanced brushless DC motor technology and a robust Dual Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow delivery while maintaining structural rigidity, effectively reducing thermal impedance in high-density enclosures. Its precision-balanced construction mitigates vibration, making it a reliable solution for critical cooling applications requiring sustained high-static pressure performance.

Model Number: FFB1212EHE-T7Z3

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 3.00 A

Power Input: 36.00 W

Rated Speed: 4000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 190.0 CFM (322.8 m³/h / 5.38 m³/min)

Max. Static Pressure: 17.78 mmH₂O (174.3 Pa / 0.70 inH₂O)

Dimensions: 120 x 120 x 38 mm

Noise Level: 59.0 dB-A

Frame Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Weight: 370 g

Termination: 3-Wire Leads

Ingress Protection: IP55 (Standard Industrial)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Life Expectancy: 70,000 Hours at 40°C

Country of Origin: Thailand

Designed for high-performance thermal regulation, the FFB1212EHE-T7Z3 is frequently deployed in industrial frequency inverters and variable speed drive cabinets where heat dissipation is critical. This model excels in server rack cooling and telecommunications infrastructure, ensuring component stability within dense electronic assemblies. Additionally, the FFB1212EHE-T7Z3 is suitable for CNC machinery and medical instrumentation, providing consistent airflow to prevent thermal throttling in continuous-duty environments.

Supplemental Images

