

AFB1224HE-780 Delta 24VDC 120x120x38mm Inverter Axial Fan Datasheet



Brand: Delta

SKU: [885018586103](#)

Category: Axial & Centrifugal Fans

Price: **\$11.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/afb1224he-780-delta-24vdc-120x120x38mm-inverter-axial-fan>

Product Description

The Delta AFB1224HE-780 is a precision-engineered DC axial fan designed for critical thermal management in industrial environments. Utilizing advanced DC brushless motor technology and a robust dual ball bearing architecture, this unit ensures operational longevity and consistent performance under continuous load. The 120x120x38mm frame is constructed from reinforced thermoplastic, offering superior structural rigidity and resistance to vibration. Optimized blade aerodynamics minimize turbulence while maximizing static pressure, effectively reducing thermal impedance in high-density enclosures. With a rated voltage of 24VDC and current draw of 0.36A, the AFB1224HE-780 delivers a balanced airflow profile suitable for demanding cooling applications requiring reliability and efficiency.

Model Number: AFB1224HE-780

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.36 A

Power Input: 8.64 W

Rated Speed: 2600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 106.0 CFM (180.0 m³/h / 3.0 m³/min)

Max. Static Pressure: 8.50 mmH₂O (83.3 Pa / 0.33 inH₂O)

Dimensions: 120x120x38mm

Noise Level: 41.0 dB-A

Frame Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Termination: 2-Wire Leads

Operating Temperature: -10°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Ingress Protection: Standard

Net Weight: 256 g

Designed for versatility, the AFB1224HE-780 is frequently deployed in variable frequency drive (VFD) inverters and industrial automation control panels where heat dissipation is paramount. Its robust airflow capabilities make it ideal for server rack ventilation, telecommunications equipment, and CNC machinery chassis cooling. The AFB1224HE-780 ensures components remain within safe operating temperature ranges, preventing thermal throttling and extending the lifespan of sensitive electronics in medical devices and power supply units.

Supplemental Images

