

AFB1224EHE-C Delta 24VDC 120x120x38mm 2-Wire Axial Fan Datasheet



Brand: Delta

SKU: [754822023835](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/afb1224ehe-c-delta-24vdc-120x120x38mm-2-wire-axial-fan>

Product Description

The Delta AFB1224EHE-C is a high-performance Axial Fan engineered for demanding thermal management applications requiring substantial airflow and static pressure. This unit utilizes a DC brushless motor architecture paired with a precision dual ball bearing system, ensuring exceptional longevity and stability under continuous operation. The aerodynamic design features an optimized impeller geometry constructed from reinforced thermoplastic PBT (UL94V-0), which minimizes turbulence while maximizing air throughput. With a robust structural rigidity and efficient thermal impedance management, the AFB1224EHE-C delivers reliable cooling performance in harsh industrial environments, making it a critical component for maintaining system integrity.

Model Number: AFB1224EHE-C

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24V DC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 1.05 A

Power Consumption: 25.20 W

Rated Speed: 4600 RPM

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

Max. Static Pressure: 14.30 mmH₂O (140.2 Pa / 0.56 inH₂O)

Noise Level: 58.5 dBA

Bearing Type: Dual Ball Bearing

Dimensions: 120x120x38mm

Weight: 256 g

Life Expectancy: 70,000 Hours at 40°C

Termination: 2-Wire (Lead Wires)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Ingress Protection: IP20 (Standard)

Safety Certifications: UL, cUL, TUV, CE

The AFB1224EHE-C is specifically designed for high-load industrial applications such as variable frequency drive (VFD) inverters, server rack cooling, and telecommunications cabinets where heat dissipation is paramount. Its high static pressure capabilities allow the AFB1224EHE-C to effectively push air through dense obstructions like heat sinks and filter arrays found in CNC machinery and power supply units. Additionally, this model serves as a reliable replacement component for legacy cooling systems in automation controllers and medical instrumentation, ensuring continuous uptime for critical infrastructure.

Supplemental Images

