

AFB1224SHE Delta 24VDC 120x120x38mm High Airflow Fan Datasheet



Brand: Delta

SKU: [989667772447](#)

Category: Axial & Centrifugal Fans

Price: **\$20.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/afb1224she-delta-24vdc-120x120x38mm-high-airflow-fan>

Product Description

The Delta AFB1224SHE is a high-capacity DC Axial Fan engineered for critical thermal management in demanding industrial environments. Featuring a precision-balanced impeller and a durable dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic design optimizes airflow efficiency while maintaining structural rigidity, preventing blade deformation at high rotational speeds. Its advanced motor technology delivers consistent torque, effectively reducing thermal impedance in high-density electronic enclosures and power conversion systems, making it a reliable solution for maintaining optimal operating temperatures.

Model Number: AFB1224SHE

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.75 A

Power: 18.00 W

Rated Speed: 3700 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 151.85 CFM (258.0 m³/h / 4.30 m³/min)

Max. Static Pressure: 14.50 mmH₂O (142.2 Pa / 0.57 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 256 g

Noise Level: 53.0 dB-A

Frame Material: PBT Plastic (UL94V-0)

Blade Material: PBT Plastic (UL94V-0)

Ingress Protection: IP Rating Optional

Insulation Class: Class A

Termination: 2-Wire Lead

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Life Expectancy: 70,000 Hours at 40°C

Safety Certifications: UL, cUL, TUV, VDE, CE

Protection: Locked Rotor Protection, Polarity Protection

Designed for high-demand industrial cooling, the AFB1224SHE is frequently deployed in variable frequency drives (VFDs) and heavy-duty power inverters where rapid heat dissipation is critical. This model excels in server rack ventilation systems and telecommunications cabinets, ensuring component stability during continuous operation. The AFB1224SHE is also highly effective in CNC machinery control panels and medical instrumentation, providing reliable airflow to prevent thermal throttling in sensitive electronic assemblies.

Supplemental Images

