

FFB1224VHE Delta 24VDC 120x120x38mm 0.84A Axial Fan Datasheet



Brand: Delta

SKU: [951228983245](#)

Category: Axial & Centrifugal Fans

Price: **\$29.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ffb1224vhe-delta-24vdc-120x120x38mm-0-84a-axial-fan>

Product Description

The Delta FFB1224VHE is a robust DC Axial Fan engineered for high-impedance industrial cooling applications requiring substantial airflow and static pressure. This 120mm unit utilizes a sophisticated brushless DC motor architecture paired with a precision Dual Ball Bearing system, ensuring exceptional structural rigidity and operational longevity even under continuous load. The aerodynamic impeller design optimizes air intake and exhaust efficiency, significantly reducing thermal resistance in dense electronic enclosures. Constructed with UL 94V-0 rated thermoplastic, the fan offers superior durability and resistance to environmental stress, making it an ideal solution for critical thermal management systems.

Model Number: FFB1224VHE

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.84 A

Input Power: 20.16 W

Rated Speed: 3200 RPM

Bearing Type: Dual Ball Bearing

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

Max. Static Pressure: 11.30 mmH₂O (110.8 Pa / 0.445 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 370 g

Noise Level: 53.0 dB-A

Life Expectancy: 70,000 Hours (40°C)

Operating Temperature: -10°C to +70°C

Housing Material: Plastic (UL 94V-0)

Impeller Material: Plastic (UL 94V-0)

Termination: Lead Wires

Protection: Locked Rotor Protection, Polarity Protection

Insulation Class: Class A

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

The FFB1224VHE is specifically designed for high-demand environments such as variable frequency drives (VFDs), solar inverters, and high-density server chassis where reliable heat dissipation is paramount. Its high static pressure capabilities allow the FFB1224VHE to effectively push air through restrictive fins and filters found in industrial automation equipment and telecommunications racks, ensuring optimal component performance and system stability.

Supplemental Images

