

BFB1212H-F00 Delta 12VDC 120x120x32mm Tachometer Blower Fan Datasheet



Brand: Delta

SKU: [885014226691](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/bfb1212h-f00-delta-12vdc-120x120x32mm-tachometer-blower-fan>

Product Description

The Delta BFB1212H-F00 is a DC Centrifugal Blower engineered for high-static pressure applications requiring focused airflow delivery against significant resistance. Utilizing advanced centrifugal aerodynamics, this unit channels air perpendicular to the intake, making it ideal for systems with high thermal impedance. The motor assembly features a robust 2 Ball Bearing architecture, ensuring long-term structural rigidity and operational stability under continuous load. Constructed with UL94V-0 rated thermoplastic, the housing optimizes airflow efficiency while minimizing turbulence-induced noise. This precision-engineered component delivers reliable thermal dissipation for critical industrial and electronic hardware, ensuring optimal performance in demanding environments.

Model Number: BFB1212H-F00

Brand: Delta Electronics

Product Type: DC Centrifugal Blower

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 1.23 A

Power Input: 14.76 W

Rated Speed: 2800 RPM

Bearing Type: 2 Ball Bearing

Max. Air Flow: 44.14 CFM (75.0 m³/h / 1.25 m³/min)

Max. Static Pressure: 28.0 mmH₂O (274.6 Pa / 1.10 inH₂O)

Dimensions: 120x120x32mm

Noise Level: 54.0 dB-A

Speed Control: F00 (Frequency Generator/Tachometer)

Termination: 3-Wire Lead

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Life Expectancy: 50,000 - 70,000 Hours at 40°C

Weight: 295 g

Ingress Protection: IP Rating Optional

Safety Certifications: UL, cUL, TUV, VDE

The BFB1212H-F00 is specifically designed for applications where space is constrained and airflow must be directed at a 90-degree angle, such as in rack-mount servers and telecommunications equipment. Its high static pressure capabilities make it suitable for forcing air through dense heatsinks in industrial automation systems and CNC machinery. Additionally, the BFB1212H-F00 serves effectively in projector cooling modules, 3D printers, and medical instrumentation where reliable thermal regulation is paramount to prevent component failure.

Supplemental Images

