

BFB1012UH-FFB Delta 12VDC 97x97x33mm 8.00A PWM Blower Datasheet



Brand: Delta

SKU: [1016343967584](#)

Category: Axial & Centrifugal Fans

Price: **\$18.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/bfb1012uh-ffb-delta-12vdc-97x97x33mm-8-00a-pwm-blower>

Product Description

The Delta BFB1012UH-FFB is a high-performance DC centrifugal blower engineered for applications requiring substantial static pressure and concentrated airflow. Utilizing advanced brushless DC motor technology and a precision dual ball bearing architecture, this unit ensures minimized thermal impedance and exceptional longevity under continuous operation. The aerodynamic impeller design optimizes air intake and exhaust velocity, overcoming high system resistance in dense electronic enclosures. Its robust housing provides structural rigidity, mitigating vibration-induced noise while delivering reliable cooling performance in demanding industrial environments.

Model Number: BFB1012UH-FFB

Brand: Delta Electronics

Product Type: DC Centrifugal Blower

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 8.00 A

Power Consumption: 96.00 W

Rated Speed: 6000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 62.50 CFM (106.2 m³/h / 1.77 m³/min)

Max. Static Pressure: 3.45 inH₂O (860 Pa / 87.6 mmH₂O)

Dimensions: 97 x 97 x 33 mm

Weight: 185 g

Life Expectancy: 70,000 Hours at 40°C

Speed Control: PWM (Pulse Width Modulation)

Termination: 4-Wire Lead with Connector

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Safety Protection: Locked Rotor Protection; Reverse Polarity Protection

Noise Level: 66.5 dB-A

Designed for high-impedance environments, the BFB1012UH-FFB excels in server rack cooling solutions and telecommunications equipment where back-pressure is a critical factor. Its high-velocity output makes it suitable for industrial combustion blowers, such as BBQ smokers and heaters, as well as precision cooling in CNC machinery. The BFB1012UH-FFB provides consistent thermal management in restricted spaces, ensuring critical components remain within operational temperature limits during peak loads.

Supplemental Images

