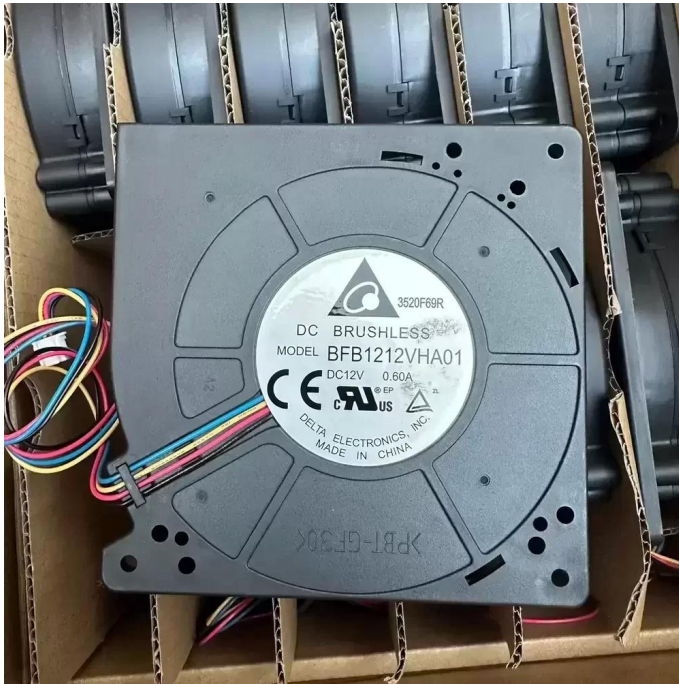


# BFB1212VHA01 Delta 12VDC 120x120x32mm 4-Wire Blower Datasheet



**Brand:** Delta

**SKU:** [1011886131686](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$16.99**

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

**Web:** <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/bfb1212vha01-delta-12vdc-120x120x32mm-4-wire-blower>

## Product Description

The Delta BFB1212VHA01 is a high-efficiency Centrifugal Blower engineered for demanding thermal management applications requiring substantial static pressure. Utilizing advanced DC brushless motor technology, this unit delivers concentrated airflow through a precision-molded scroll housing designed to minimize turbulence and maximize aerodynamic efficiency. The construction features robust thermoplastic materials ensuring structural rigidity and resistance to environmental stress, meeting UL94V-0 flammability standards. Its impeller geometry optimizes the pressure-to-flow ratio, making it ideal for systems requiring directed cooling against high thermal impedance. The integrated 4-wire interface supports precise speed control and signal monitoring, enhancing operational efficiency and acoustic performance in complex industrial environments.

Model Number: BFB1212VHA01

Brand: Delta Electronics

Product Type: DC Centrifugal Blower

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.60 A

Power Consumption: 7.20 W

Rated Speed: 2800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 38.85 CFM (66.0 m<sup>3</sup>/h / 1.10 m<sup>3</sup>/min)  
Max. Static Pressure: 28.50 mmH<sub>2</sub>O (279.4 Pa / 1.12 inH<sub>2</sub>O)  
Dimensions: 120x120x32mm  
Weight: 280 g  
Life Expectancy: 70,000 Hours at 40°C  
Noise Level: 54.0 dB-A  
Speed Control: PWM / Tachometer Output  
Termination: 4-Wire Lead  
Housing Material: Plastic (UL94V-0)  
Impeller Material: Plastic (UL94V-0)  
Operating Temperature: -10°C to +70°C  
Storage Temperature: -40°C to +75°C  
Insulation Class: Class A  
Safety Certifications: UL, cUL, TUV, CE  
Protection: Locked Rotor Protection, Polarity Protection

This blower is specifically designed for restricted space applications where high static pressure is required to overcome significant system impedance. The BFB1212VHA01 is frequently integrated into rack-mounted servers, telecommunications equipment, and industrial automation control panels where airflow must be forced through dense heatsinks or ducting. Its directed airflow capability makes the BFB1212VHA01 an excellent choice for cooling specific hotspots in CNC machinery, projectors, and medical instrumentation where traditional axial fans fail to provide adequate pressure.

## Supplemental Images

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