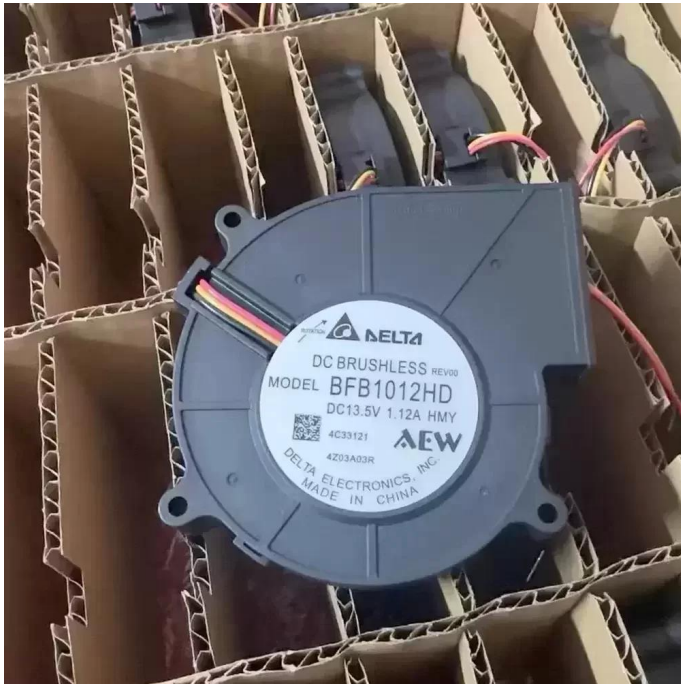


# BFB1012HD-HMY Delta 13.5VDC 97mm 1.12A Blower Datasheet



**Brand:** Delta

**SKU:** [1012846116293](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$12.99**

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Product Page: <https://www.equipspares.com/product/bfb1012hd-hmy-delta-13-5vdc-97mm-1-12a-blower>

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## Product Description

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The Delta BFB1012HD-HMY is a high-performance centrifugal blower engineered for applications requiring concentrated airflow and significant static pressure. Utilizing advanced brushless DC motor technology, this unit operates at a nominal 13.5VDC, delivering robust thermal management capabilities suitable for automotive and industrial environments. The aerodynamic volute design optimizes air intake and exhaust efficiency, minimizing turbulence while maximizing discharge velocity. Constructed with industrial-grade materials and likely incorporating a precision bearing system for enhanced longevity and structural rigidity, this blower ensures reliable operation under demanding load conditions. Its precise PWM control interface allows for dynamic speed modulation, effectively balancing thermal impedance with acoustic performance in space-restricted enclosures.

Model Number: BFB1012HD-HMY

Brand: Delta Electronics

Product Type: Centrifugal Blower

Rated Voltage: 13.5 VDC

Operating Voltage Range: 7.0 - 15.0 VDC

Rated Current: 1.12 A

Power Consumption: 15.12 W

Bearing Type: Dual Ball Bearing

Dimensions: 97 x 94 x 33 mm

Max. Air Flow: Approx. 38.0 CFM (64.5 m<sup>3</sup>/h)

Max. Static Pressure: Approx. 45.0 mmH<sub>2</sub>O (441 Pa)

Speed Control: PWM (Pulse Width Modulation)

Termination: 3-Wire Lead Interface

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Motor Type: Brushless DC (BLDC)

Mounting Orientation: Any

Ingress Protection: Standard IP Rating

Operating Temperature: -10°C to +70°C

Designed for versatility and high-pressure generation, the BFB1012HD-HMY excels in environments requiring directed cooling or air induction. It is frequently integrated into automotive seat ventilation systems, where the BFB1012HD-HMY provides consistent airflow to manage passenger comfort. Additionally, its robust pressure capabilities make it ideal for combustion air supply in smart barbecue grills and thermal regulation in compact industrial equipment where standard axial fans lack the necessary static pressure to overcome system resistance.

## Supplemental Images

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