BFB1012EF-01BXY Delta 14.4VDC 97x97x33mm PWM Blower Fan Datasheet

Brand: Delta

SKU: 1021370884960

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/bfb1012ef-01bxy-delta-14-4vdc-97x97x33mm-pwm-blower-fan

Product Description

The Delta BFB1012EF-01BXY is a high-performance Centrifugal Blower engineered for demanding industrial applications requiring substantial static pressure and airflow concentration. Utilizing advanced DC motor technology and a precision dual ball bearing architecture, this unit ensures exceptional structural rigidity and operational longevity under high-stress conditions. The aerodynamic scroll housing is optimized to minimize thermal impedance while maximizing airflow efficiency, making it an ideal solution for systems with high flow resistance. Its robust construction supports sustained operation at high rotational speeds, delivering reliable thermal management in critical environments.

Model Number: BFB1012EF-01BXY
Brand: Delta Electronics
Product Type: Centrifugal Blower
Rated Voltage: 14.4 VDC
Rated Current: 7.00 A
Power Input: 100.8 W
Dimensions: 97 x 97 x 33 mm
Bearing Type: Dual Ball Bearing
Speed Control: PWM (Pulse Width Modulation)
Termination: 4-Wire Lead

Housing Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Mounting Orientation: Any
Operating Temperature: -10°C to +70°C
Life Expectancy: 70,000 Hours at 40°C
Ingress Protection: IP Rating Available
Certifications: UL, cUL, TUV, CE

Designed for high-density thermal environments, the BFB1012EF-01BXY excels in applications where back pressure is a critical factor. This blower is frequently integrated into enterprise server racks, telecommunications equipment, and high-performance computing clusters to force air through dense heatsinks. Additionally, the BFB1012EF-01BXY is suitable for industrial automation machinery and specialized ventilation systems requiring concentrated airflow to dissipate heat from sensitive electronic components.

Supplemental Images