EFB1512HHG-S12N Delta 12VDC 3.2A 172mm Axial Cooling Fan Datasheet

Brand: Delta

SKU: 847968929801

Category: Axial & Centrifugal Fans

Price: **$28.43**

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Product Page:
https://www.equipspares.com/product/efb1512hhg-s12n-delta-12vdc-3-2a-172mm-axial-cooling-fan

Product Description

The Delta EFB1512HHG-S12N is a high-performance DC brushless axial flow fan defined by its 172 x 150 x 51 mm physical dimensions, 12 VDC nominal voltage, and a substantial 280 CFM volumetric airflow capacity. Constructed with a PBT plastic frame and impeller reinforced with 30% fiberglass and UL94V-0 flame retardant, the unit integrates a maintenance-free dual ball bearing system designed for extended operational longevity. The hardware features a 3-wire termination interface, counter-clockwise rotation, and operates at 3800 RPM while generating 57.5 dB-A of acoustic noise and 0.800 inH2O of static pressure.

EFB1512HHG-S12N Specifications
Model Number: EFB1512HHG-S12N
Brand: Delta Electronics
Product Category: DC Brushless Axial Flow Fan
Nominal Voltage: 12 VDC
Operating Voltage Range: 8.0 to 14.0 VDC
Current Rating: 3.20 A
Power Consumption: 38.4 W
Dimensions: 172 x 150 x 51 mm
Volumetric Airflow: 280 CFM
Static Pressure: 0.800 inH2O (20.30 mmH2O)

Rotational Speed: 3800 RPM
Acoustic Noise: 57.5 dB-A
Bearing Type: Dual Ball Bearing
Frame Material: PBT + 30% Fiberglass (UL94V-0 Flame Retardant)
Impeller Material: PBT + 30% Fiberglass (UL94V-0 Flame Retardant)
Rotation Direction: Counter-Clockwise (viewed from rotor side)
Termination: 3-Wire Lead
Operating Temperature: -10 to 70 °C
Storage Temperature: -40 to 70 °C
Life Expectancy: 180,000 Hours

EFB1512HHG-S12N Applications

Primary applications include integration into high-density server racks, telecommunications base stations, and industrial CNC spindle cooling systems. Deployed within heavy-duty power supply enclosures and automated HVAC control panels, this axial fan provides critical thermal management for continuous-duty electronic infrastructure.

Supplemental Images