

# EFB1212SH-8W62 Delta 12VDC 120mm Tachometer Axial Fan Datasheet



**Brand:** Delta

**SKU:** [877730147907](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$15.99**

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Product Page:

<https://www.equipspares.com/product/efb1212sh-8w62-delta-12vdc-120mm-tachometer-axial-fan>

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## Product Description

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The Delta EFB1212SH-8W62 is a high-performance DC Brushless Axial Fan designed for demanding thermal management applications requiring sustained airflow and structural durability. Engineered with a robust thermoplastic PBT housing and impeller rated to UL94V-0 standards, this unit features a precision Dual Ball Bearing system that significantly reduces frictional coefficient and enhances longevity under continuous operation. The aerodynamic blade geometry is optimized to minimize thermal impedance while delivering substantial airflow at high static pressures. Operating at a rated voltage of 12VDC with a current draw of 0.75A, the EFB1212SH-8W62 integrates a 3-wire tachometer signal for real-time speed monitoring, ensuring system stability in critical industrial and computing environments. Its structural rigidity and efficient motor commutation make it an ideal solution for mitigating heat buildup in enclosed chassis.

Model Number: EFB1212SH-8W62

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.75 A

Input Power: 9.00 W

Rated Speed: 3400 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 102.06 CFM (173.4 m<sup>3</sup>/h / 2.89 m<sup>3</sup>/min)

Max. Static Pressure: 8.50 mmH<sub>2</sub>O (83.3 Pa / 0.33 inH<sub>2</sub>O)

Dimensions: 120 x 120 x 25.4 mm

Weight: 250 g

Life Expectancy: 70,000 Hours at 40°C

Termination: 3-Wire Leads

Speed Control: Tachometer Output (Speed Sensor)

Noise Level: 46.5 dB-A

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10 to +70 °C

Mounting Orientation: Any

The EFB1212SH-8W62 is engineered for critical cooling tasks within industrial automation and computing infrastructure. Common deployments include high-density server racks, telecommunications cabinets, and precision CNC machinery where consistent airflow is mandatory. The EFB1212SH-8W62 is also frequently utilized in medical instrumentation, custom DIY chassis projects, and power supply units to maintain optimal operating temperatures, preventing thermal throttling and component degradation in continuous-duty environments.

## Supplemental Images

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