

# PFR1212DHE-SP00 Delta 12VDC 120x120x38mm 5.20A Axial Fan Datasheet



**Brand:** Delta

**SKU:** [997206362531](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$24.86**

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Product Page:

<https://www.equipspares.com/product/pfr1212dhe-sp00-delta-12vdc-120x120x38mm-5-20a-axial-fan>

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## Product Description

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The Delta PFR1212DHE-SP00 is a high-performance DC Axial Fan engineered for critical thermal management in dense industrial environments. Utilizing advanced Brushless DC (BLDC) motor technology paired with a precision dual ball bearing architecture, this unit ensures exceptional rotational stability and reduced thermal impedance under heavy continuous loads. The aerodynamic impeller design optimizes static pressure delivery, making it ideal for overcoming high system resistance in restricted chassis. Constructed with a robust frame for structural rigidity, the PFR1212DHE-SP00 delivers reliable airflow performance, ensuring component longevity in demanding server and inverter applications.

Model Number: PFR1212DHE-SP00

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 8.0 - 13.2 VDC

Rated Current: 5.20 A

Power Consumption: 62.40 W

Rated Speed: 7500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 252.85 CFM (429.6 m<sup>3</sup>/h / 7.16 m<sup>3</sup>/min)

Max. Static Pressure: 35.28 mmH<sub>2</sub>O (346.0 Pa / 1.39 inH<sub>2</sub>O)

Dimensions: 120 x 120 x 38 mm

Weight: 410 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 66.5 dB-A

Speed Control: PWM Speed Control / Tachometer Output

Termination: 4-Wire Leads with Connector

Wire Configuration: Red (+), Black (-), Blue (PWM), Yellow (Tach)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10 to +60 °C

Storage Temperature: -40 to +70 °C

Safety Certifications: UL, cUL, TUV, CE

Protection: Locked Rotor Protection, Polarity Protection

The PFR1212DHE-SP00 is specifically designed for high-density electronic enclosures requiring substantial static pressure to force air through restricted pathways. Common deployments include enterprise server racks, frequency inverters, and industrial automation control cabinets where heat dissipation is critical. The PFR1212DHE-SP00 excels in maintaining optimal operating temperatures for sensitive components, preventing thermal throttling in telecommunications equipment, mining rigs, and heavy-duty power supplies.

## Supplemental Images

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