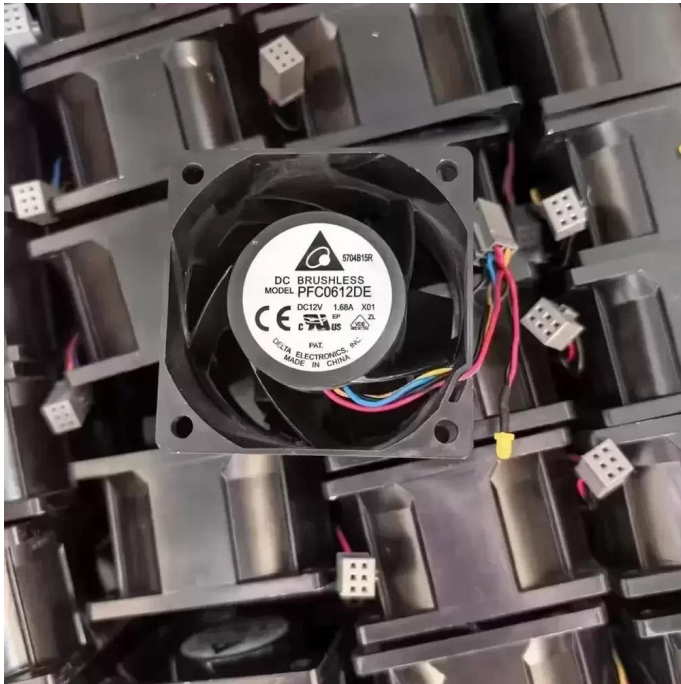


# PFC0612DE-X01 Delta 12VDC 60x60x38mm Aluminum Axial Fan Datasheet



**Brand:** Delta

**SKU:** [912630390222](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$16.99**

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Product Page:

<https://www.equipspares.com/product/pfc0612de-x01-delta-12vdc-60x60x38mm-aluminum-axial-fan>

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## Product Description

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The Delta PFC0612DE-X01 is a high-performance Axial Fan engineered for applications requiring exceptional static pressure and structural rigidity. Utilizing a robust die-cast aluminum frame, this unit offers superior thermal impedance management and vibration damping compared to standard plastic alternatives. The motor architecture features an advanced DC brushless design with precision dual ball bearings, ensuring longevity under high-stress continuous operation. Its aerodynamic impeller geometry is optimized to deliver concentrated airflow against high system resistance, making it an ideal solution for dense electronic enclosures where back-pressure is a critical factor.

Model Number: PFC0612DE-X01

Brand: Delta Electronics

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 8.0 - 13.2 VDC

Rated Current: 1.68 A

Power Input: 20.16 W

Rated Speed: 12000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 67.85 CFM (115.2 m<sup>3</sup>/h / 1.92 m<sup>3</sup>/min)

Max. Static Pressure: 49.36 mmH<sub>2</sub>O (484 Pa / 1.943 inH<sub>2</sub>O)

Dimensions: 60 x 60 x 38 mm

Weight: 130 g

Noise Level: 63.5 dBA

Frame Material: Die-Cast Aluminum

Impeller Material: Plastic UL94V-0

Ingress Protection: IP20

Speed Control: PWM (Pulse Width Modulation)

Signal Output: Tachometer (Frequency Generator)

Operating Temperature: -10°C to +60°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Termination: 4-Wire Leads

Safety Protection: Locked Rotor Protection, Polarity Protection

The PFC0612DE-X01 is specifically designed for high-density server racks, telecommunications equipment, and industrial automation systems where space is limited but cooling requirements are extreme. Due to its high static pressure capabilities, the PFC0612DE-X01 excels in forcing air through restrictive heatsinks and tightly packed component arrays found in 1U/2U servers and precision medical devices.

## Supplemental Images

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