

# PFB0912GHE-CK9 Delta 12VDC 92x92x38mm Axial Fan Datasheet



**Brand:** Delta

**SKU:** [662507644762](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$21.99**

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Product Page: <https://www.equipspares.com/product/pfb0912ghe-ck9-delta-12vdc-92x92x38mm-axial-fan>

## Product Description

Delta PFB0912GHE-CK9 is a 12VDC 92x92x38mm Axial Fan optimized for high-density thermal management in server environments and high-impedance enclosures. This DC axial fan utilizes a high-performance dual ball bearing architecture and a brushless motor design to ensure structural rigidity and long-term reliability under continuous operation. The aerodynamic impeller is engineered to minimize thermal impedance by delivering a massive 175.03 CFM of airflow and a significant static pressure of 27.41 mmH<sub>2</sub>O. Operating at a rated current of 1.50A with a power consumption of 18.0W, this model features a 4-wire interface for precise PWM speed control and tachometer feedback, making it an essential component for mission-critical cooling where 6000 RPM performance is required.

Model Number: PFB0912GHE-CK9

Brand: Delta Electronics

Product Type: Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 1.50 A

Power: 18.0 W

Rated Speed: 6000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 175.03 CFM (4.956 m<sup>3</sup>/min)

Max. Static Pressure: 27.41 mmH<sub>2</sub>O (1.079 inH<sub>2</sub>O)

Dimensions: 92 x 92 x 38 mm

Weight: 250 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 61.0 dB(A)

Speed Control: PWM Signal

Output: Frequency Generator (Tachometer)

Termination: 4-Wire Lead Wires

Housing Material: Plastic (UL 94V-0)

Blade Material: Plastic (UL 94V-0)

Operating Temperature: -10 to +60 °C

Storage Temperature: -40 to +70 °C

Protection: Locked Rotor Protection, Reverse Polarity Protection

DELL Part Number: KVV0V-A00

#### PFB0912GHE-CK9 Applications

1. Enterprise Server Chassis: Ideal as a replacement fan for Dell server nodes requiring high static pressure to overcome the airflow resistance of densely packed drive bays and heatsinks.
2. 3U/4U Rackmount Equipment: Provides the necessary CFM to maintain thermal equilibrium in high-wattage networking switches and storage arrays.
3. Industrial Workstations: Engineered for high-load computing environments where low-vibration and high-speed cooling are critical for maintaining CPU and GPU clock stability.

## Supplemental Images

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