

# PFB0948UHE-6E39 Delta 48VDC 92x92x38mm PWM Axial Fan Datasheet



**Brand:** Delta

**SKU:** [742607497125](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$20.99**

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Product Page:

<https://www.equipspares.com/product/pfb0948uhe-6e39-delta-48vdc-92x92x38mm-pwm-axial-fan>

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## Product Description

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The Delta PFB0948UHE-6E39 is a high-performance Axial Fan engineered for critical industrial cooling applications requiring superior thermal dissipation. This unit utilizes advanced DC brushless motor technology paired with a precision-balanced impeller to minimize thermal impedance while maintaining structural rigidity under high-stress operation. Featuring a robust Dual Ball Bearing architecture, the fan ensures exceptional longevity and reliability, effectively managing heat in densely packed electronic enclosures through optimized aerodynamic efficiency. The design prioritizes high static pressure capabilities, making it an ideal solution for overcoming significant system resistance in complex ventilation networks.

Model Number: PFB0948UHE-6E39

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 28.0 - 56.0 VDC

Rated Current: 0.80 A

Power Input: 38.40 W

Rated Speed: 7500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 175.03 CFM (297.3 m<sup>3</sup>/h / 4.95 m<sup>3</sup>/min)

Max. Static Pressure: 28.30 mmH<sub>2</sub>O (277.5 Pa / 1.11 inH<sub>2</sub>O)

Dimensions: 92 x 92 x 38 mm

Weight: 250 g

Noise Level: 66.5 dB-A

Speed Control: PWM (Pulse Width Modulation)

Wire Configuration: 4-Wire

Termination: Lead Wires

Housing Material: Plastic (UL 94V-0)

Impeller Material: Plastic (UL 94V-0)

Operating Temperature: -10 to +60 °C

Storage Temperature: -40 to +70 °C

Life Expectancy: 70,000 Hours (at 40 °C)

Ingress Protection: IP55

Safety Certifications: UL, cUL, TUV, CE

Protection Features: Locked Rotor Protection, Polarity Protection

The PFB0948UHE-6E39 is specifically designed for high-impedance environments such as enterprise server racks, telecommunications base stations, and industrial CNC machinery. By delivering high static pressure, the PFB0948UHE-6E39 effectively pushes air through restricted spaces like dense heatsinks and filter arrays, ensuring optimal operating temperatures for sensitive components in medical devices, network switches, and high-capacity power supply units.

## Supplemental Images

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