

# PFB0924UHE-BV33 Delta 24VDC 92x92x38mm 3-Wire Axial Fan Datasheet



**Brand:** Delta

**SKU:** [1007312523031](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$18.99**

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Product Page:

<https://www.equipspares.com/product/pfb0924uhe-bv33-delta-24vdc-92x92x38mm-3-wire-axial-fan>

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## Product Description

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Delta PFB0924UHE-BV33 is a 24VDC 92x92x38mm axial fan optimized for overcoming extreme system impedance in densely packed electronic enclosures. Engineered with an advanced brushless DC motor and a robust dual ball bearing architecture, this unit ensures exceptional structural rigidity and long-term reliability under heavy thermal loads. The aerodynamic blade design maximizes airflow efficiency, delivering a massive 175.03 CFM while maintaining a high static pressure of 35.87 mmH<sub>2</sub>O. Drawing 1.22A at 8000 RPM, this industrial-grade cooling solution effectively minimizes thermal impedance in mission-critical hardware. It serves as an ideal high-capacity replacement fan for demanding server and telecom applications requiring precise 3-wire tachometer monitoring.

Model Number: PFB0924UHE-BV33

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 1.22 A

Power: 29.28 W

Rated Speed: 8000 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: 35.87 mmH<sub>2</sub>O (351.8 Pa / 1.41 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: 65.0 dB(A)

Speed Control: Tachometer (Speed Sensor)

Termination: 3-Wire Lead Wires

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +60°C

Storage Temperature: -40°C to +70°C

Protection Features: Locked Rotor Protection, Polarity Protection

Certifications: CE, CSA, UL, VDE

#### Applications & Industry Use Cases

1. 2U Rackmount Server Chassis: Overcomes high system impedance in densely populated server racks by delivering 35.87 mmH<sub>2</sub>O static pressure to force air through restrictive heatsinks.
2. Ruggedized Outdoor Telecom Equipment: Provides reliable thermal management in harsh environments, utilizing its robust dual ball bearing architecture for continuous 24/7 operation.
3. Industrial VFD Control Cabinets: Acts as a high-capacity replacement fan to prevent thermal throttling in variable frequency drives, leveraging its 175.03 CFM airflow to rapidly dissipate concentrated heat loads.
4. High-Density Power Supply Units: Ensures stable operation of critical power components through precise 3-wire tachometer monitoring and aggressive 8000 RPM cooling performance.

## Supplemental Images

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