

PFB0924GHE Delta 24VDC 92x92x38mm Inverter Cooling Fan Datasheet



Brand: Delta

SKU: [965808737427](#)

Category: Axial & Centrifugal Fans

Price: **\$34.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/pfb0924ghe-delta-24vdc-92x92x38mm-inverter-cooling-fan>

Product Description

The Delta PFB0924GHE is a precision-engineered DC Axial Fan designed for critical thermal management in industrial environments. Utilizing advanced dual ball bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes static pressure delivery while maintaining structural rigidity, effectively reducing thermal impedance in high-density enclosures. Engineered for reliability, the PFB0924GHE features a robust thermoplastic housing meeting UL94V-0 flammability standards, making it an ideal solution for demanding cooling applications requiring consistent airflow and superior durability.

Model Number: PFB0924GHE

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.76 A

Power: 18.24 W

Rated Speed: 7500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 133.20 CFM (226.3 m³/h / 3.77 m³/min)

Max. Static Pressure: 23.40 mmH₂O (229.4 Pa / 0.92 inH₂O)

Dimensions: 92x92x38 mm

Weight: 250 g

Life Expectancy: 70,000 Hours at 40°C

Termination: 4-Wire Interface

Noise Level: 61.5 dB-A

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +60°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20 (Standard)

Safety Certifications: UL, cUL, TUV, CE

Direction of Rotation: Counter-clockwise

This high-static pressure cooling solution is specifically calibrated for integration into variable frequency drives, including ABB inverter systems where thermal dissipation is critical. The PFB0924GHE excels in forced convection scenarios found in server racks, telecommunication cabinets, and industrial automation control panels. By maintaining optimal operating temperatures, the PFB0924GHE safeguards sensitive electronic components against thermal throttling and failure, ensuring uninterrupted performance in CNC machinery and power supply units.

Supplemental Images

