

PFB0924DHE-X7N Delta 24VDC 92x92x38mm Cooling Fan Datasheet



Brand: Delta

SKU: [935390994279](#)

Category: Axial & Centrifugal Fans

Price: **\$24.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/pfb0924dhe-x7n-delta-24vdc-92x92x38mm-cooling-fan>

Product Description

The Delta PFB0924DHE-X7N is a high-performance DC Axial Fan engineered for critical industrial applications requiring substantial airflow and static pressure. Utilizing an advanced brushless DC motor architecture coupled with a precision-machined Dual Ball Bearing system, this unit ensures exceptional rotational stability and longevity even under continuous high-load operation. The aerodynamic impeller design minimizes turbulence while maximizing air throughput, effectively lowering thermal impedance in high-density electronic enclosures. Constructed with a robust UL94V-0 reinforced plastic housing, the fan maintains structural rigidity and reliability in harsh operating environments.

Model Number: PFB0924DHE-X7N

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 1.74 A

Power Consumption: 41.76 W

Rated Speed: 8000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 175.03 CFM (297.3 m³/h / 4.95 m³/min)

Max. Static Pressure: 26.92 mmH₂O (264.0 Pa / 1.06 inH₂O)

Dimensions: 92x92x38mm

Noise Level: 66.5 dBA

Termination: 2-Wire (Lead Wire)

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +60°C

Life Expectancy: 70,000 Hours at 40°C

Ingress Protection: IP Rating Available upon request

Safety Certifications: UL, cUL, TUV, CE

The PFB0924DHE-X7N is specifically optimized for high-heat dissipation scenarios, making it an ideal solution for Variable Frequency Drives (VFDs) and heavy-duty inverters. Its compact 92mm form factor allows for seamless integration into server racks, telecom power supplies, and industrial automation control panels where space is limited but cooling demand is extreme. By delivering consistent high-velocity airflow, the PFB0924DHE-X7N effectively prevents thermal throttling in sensitive power electronics and CNC machinery.

Supplemental Images

