

PFB0624EHE-F00 Delta 24VDC 60x60x38mm Tachometer Axial Fan Datasheet



Brand: Delta

SKU: [677195598016](#)

Category: Axial & Centrifugal Fans

Price: **\$20.99**

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Product Page:

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Product Description

The Delta PFB0624EHE-F00 is a high-static pressure DC Axial Fan engineered for demanding industrial thermal management applications. Utilizing advanced brushless DC motor technology combined with a robust dual ball bearing architecture, this unit ensures exceptional structural rigidity and prolonged operational lifespan under continuous high-speed loads. The aerodynamic impeller design is optimized to deliver concentrated airflow against high thermal impedance, making it a critical component for maintaining system stability in dense electronic enclosures. The integrated F00 frequency generator (tachometer) output provides real-time speed monitoring for precise thermal regulation.

Model Number: PFB0624EHE-F00

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.43 A

Input Power: 10.32 W

Rated Speed: 9000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 67.85 CFM (115.2 m³/h / 1.92 m³/min)

Max. Static Pressure: 30.53 mmH₂O (299.4 Pa / 1.20 inH₂O)

Dimensions: 60x60x38mm

Noise Level: 61.5 dBA

Termination: 3-Wire Leads (Red +, Black -, Blue/Yellow Tach)

Output Signal: Frequency Generator (Tachometer)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Ingress Protection: IP40

Safety Certifications: UL, cUL, TUV, CE

Weight: 130 g

The PFB0624EHE-F00 is specifically designed for high-performance cooling in restricted spaces, such as variable frequency drive (VFD) inverters and industrial automation control panels. Its high static pressure capabilities make it ideal for forcing air through dense heatsinks in server racks, telecommunications equipment, and precision medical devices. By integrating the PFB0624EHE-F00, engineers can ensure reliable thermal dissipation in mission-critical hardware subject to continuous operation.

Supplemental Images

