

PFB1224UHE-P0 Delta 24VDC 120x120x38mm PWM Axial Fan Datasheet



Brand: Delta

SKU: [761740128814](#)

Category: Axial & Centrifugal Fans

Price: **\$62.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/pfb1224uhe-p0-delta-24vdc-120x120x38mm-pwm-axial-fan>

Product Description

The Delta PFB1224UHE-P0 is a high-performance DC Axial Fan engineered for critical thermal management in industrial environments. Utilizing advanced DC motor technology and a precision Two Ball Bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow efficiency, significantly reducing thermal impedance within high-density enclosures. Its robust frame construction provides superior structural rigidity, making it ideal for applications requiring high static pressure and reliable heat dissipation.

Model Number: PFB1224UHE-P0

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 2.40 A

Input Power: 57.60 W

Rated Speed: 5500 RPM

Bearing Type: Two Ball Bearing

Max. Air Flow: 252.85 CFM (429.6 m³/h / 7.16 m³/min)

Max. Static Pressure: 35.877 mmH₂O (351.8 Pa / 1.412 inH₂O)

Dimensions: 120x120x38mm

Weight: 380 g

Life Expectancy: 70,000 Hours at 40°C

Speed Control: PWM (Pulse Width Modulation)

Ingress Protection: IP51

Noise Level: 66.5 dB-A

Housing Material: Plastic (UL 94V-0)

Impeller Material: Plastic (UL 94V-0)

Termination: 4-Wire Leads

Operating Temperature: -10°C to +60°C

Storage Temperature: -40°C to +70°C

Safety Protection: Locked Rotor Protection, Polarity Protection

The PFB1224UHE-P0 is specifically designed for high-impedance systems such as variable frequency drives (VFDs), industrial inverters, and high-density server racks. Its high static pressure capabilities allow the PFB1224UHE-P0 to effectively force air through tightly packed components in telecommunications equipment and precision CNC machinery, ensuring optimal operating temperatures are maintained in demanding environments.

Supplemental Images

