

QFR1224GHE-ETP Delta 24VDC 120x120x38mm PWM Axial Fan Datasheet



Brand: Delta

SKU: [QFR1224GHE-ETP](#)

Category: Industrial Fans

Price: **\$13.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/qfr1224ghe-etp-delta-24vdc-120x120x38mm-pwm-axial-fan>

Product Description

The Delta QFR1224GHE-ETP is a high-performance DC axial fan engineered for critical thermal management in industrial environments. Utilizing advanced dual ball bearing architecture, this unit ensures long-term operational stability and reduced frictional heat generation. The aerodynamic impeller design optimizes airflow delivery while maintaining structural rigidity under high-speed rotation. Designed with a robust frame, the QFR1224GHE-ETP effectively mitigates thermal impedance in densely packed enclosures, making it a reliable solution for continuous duty cycles where consistent cooling performance is paramount.

Model Number: QFR1224GHE-ETP

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 1.41 A

Power Input: 33.84 W

Rated Speed: 6000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 210.38 CFM (357.4 m³/h / 5.95 m³/min)

Max. Static Pressure: 21.50 mmH₂O (210.8 Pa / 0.846 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 330 g

Noise Level: 64.0 dB-A

Frame Material: Plastic (UL 94V-0)

Impeller Material: Plastic (UL 94V-0)

Termination: 4-Wire Leads

Speed Control: PWM Control / Tachometer Output

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Ingress Protection: IP55 (Optional configuration)

Safety Protection: Locked Rotor Protection, Polarity Protection

This cooling solution is specifically calibrated for high-demand applications such as variable frequency drives (VFDs), enterprise server racks, and industrial chassis cooling. The QFR1224GHE-ETP excels in environments requiring rapid heat dissipation to prevent component throttling. Additionally, the QFR1224GHE-ETP is suitable for telecommunications equipment and precision medical devices where reliable airflow is critical for system integrity and longevity.

Supplemental Images

