

# QFR1224GHE-V3R Delta 24VDC 120x120x38mm PWM Axial Fan Datasheet



**Brand:** Delta

**SKU:** 968954902008

**Category:** Axial & Centrifugal Fans

**Price:** **\$17.99**

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Product Page:

<https://www.equipspares.com/product/qfr1224ghe-v3r-delta-24vdc-120x120x38mm-pwm-axial-fan>

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## Product Description

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The Delta QFR1224GHE-V3R is a high-density DC axial fan engineered for mission-critical thermal management in demanding industrial environments. Utilizing a sophisticated brushless DC motor architecture, this unit provides exceptional structural rigidity through its glass-fiber reinforced PBT housing and impeller, rated to UL94V-0 standards. The dual ball bearing system is designed to minimize thermal impedance and ensure long-term rotational stability under continuous high-load operations. Its aerodynamic blade geometry is optimized for high static pressure, making it ideal for overcoming the resistance of dense heat sinks or tightly packed electronic enclosures while maintaining efficient airflow characteristics.

Model Number: QFR1224GHE-V3R

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 1.41A

Power: 33.84W

Rated Speed: 6000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 210.38 CFM (5.957 m<sup>3</sup>/min)

Max. Static Pressure: 20.60 mmH<sub>2</sub>O (202.0 Pa)

Noise Level: 64.0 dB-A

Dimensions: 120x120x38mm

Weight: 330g

Life Expectancy: 70,000 Hours at 40°C

Speed Control: PWM Control

Output Signal: Tachometer (Frequency Generator)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Termination: 4-Lead Wires

Operating Temperature: -10°C to +60°C

Storage Temperature: -40°C to +70°C

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

The QFR1224GHE-V3R is specifically designed for high-performance computing environments and industrial machinery where heat dissipation is critical. Common deployment scenarios for the QFR1224GHE-V3R include enterprise-grade server racks, telecommunications base stations, and high-capacity power supply units. Its robust construction also makes it suitable for CNC control cabinets and medical imaging equipment that require consistent airflow to maintain operational integrity.

## Supplemental Images

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