QFR0612UH-VFT Delta 12VDC 60x60x25mm PWM Axial Fan Datasheet

Brand: Delta

SKU: 971419084728

Category: Axial & Centrifugal Fans

Price: **$11.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/qfr0612uh-vft-delta-12vdc-60x60x25mm-pwm-axial-fan

Product Description

The Delta QFR0612UH-VFT is a precision-engineered Axial Fan designed for high-density thermal management applications requiring substantial airflow and static pressure. Utilizing advanced DC motor technology and a robust Dual Ball Bearing architecture, this unit optimizes aerodynamic efficiency to deliver superior airflow-to-noise ratios. The structural rigidity of the 60mm thermoplastic frame ensures minimal vibration during operation, while the integrated 4-wire speed control interface allows for dynamic thermal impedance adjustment based on system load. Engineered for reliability, the QFR0612UH-VFT maintains consistent performance parameters under demanding industrial conditions, making it an ideal solution for critical cooling infrastructures requiring precise air movement and long-term operational stability.

Model Number: QFR0612UH-VFT
Brand: Delta Electronics
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 0.70 A
Power Input: 8.40 W
Rated Speed: 7600 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 36.6 CFM (62.18 m^3/h / 1.04 m^3/min)
Max. Static Pressure: 12.5 mmH_2O (122.58 Pa / 0.49 inH_2O)
Dimensions: 60 x 60 x 25 mm
Weight: 90 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 44.8 dB(A)
Termination: 4-Wire Leads
Speed Control: PWM / Tachometer
Housing Material: PBT (UL94V-0)
Blade Material: PBT (UL94V-0)
Operating Temperature: -10 to +70 °C
Ingress Protection: IP54 (Standard Industrial)

This high-performance cooling solution is specifically calibrated for demanding environments such as electric vehicle charging pile modules and industrial automation systems. The QFR0612UH-VFT excels in restricted spaces where high static pressure is required to overcome system resistance, such as in dense server racks and telecommunications equipment. By integrating the QFR0612UH-VFT into power supply units and CNC machinery, operators ensure optimal thermal regulation, preventing component degradation and extending the service life of critical electronic hardware.

Supplemental Images