# QFR1212UH-A01 Delta 12VDC 120x120x38mm PWM Axial Fan Datasheet


**Brand:** Delta

**SKU:** 892527006160

**Category:** Axial & Centrifugal Fans

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

**E-mail:** sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/qfr1212uh-a01-delta-12vdc-120x120x38mm-pwm-axial-fan

## Product Description

The Delta QFR1212UH-A01 is a DC Axial Fan engineered for high-density thermal management applications requiring significant static pressure and airflow. Utilizing a brushless DC motor architecture, this unit incorporates a dual ball bearing system to ensure structural rigidity and extended operational longevity under high-load conditions. Its aerodynamic impeller design is optimized to minimize thermal impedance while maximizing volumetric flow rates. The QFR1212UH-A01 features a robust PBT thermoplastic housing and blades, meeting UL94V-0 flammability standards, ensuring reliability in mission-critical environments where heat dissipation is paramount for system stability and component protection.

Model Number: QFR1212UH-A01
Brand: Delta
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 5.00A
Power: 60.0W
Rated Speed: 6400 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 210.38 CFM (357.44 $m^3/h$ / 5.957 $m^3/min$)

Max. Static Pressure: 30.12 mm$H_2O$ (295.4 Pa / 1.186 in$H_2O$)
Dimensions: 120x120x38mm
Weight: 330g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 64.0 dB(A)
Speed Control: PWM Control, Tachometer Output
Termination: 4-Lead Wires
Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Operating Temperature: -10°C to +60°C
Storage Temperature: -40°C to +70°C
Protection Features: Locked Rotor Protection, Reverse Polarity Protection

The QFR1212UH-A01 is specifically designed for high-performance computing environments and industrial machinery. Common deployment scenarios for the QFR1212UH-A01 include enterprise-grade server racks, telecommunications base stations, and high-end workstations where concentrated heat loads must be mitigated. Additionally, its high static pressure capabilities make it ideal for use in dense network switches and power supply cooling systems.