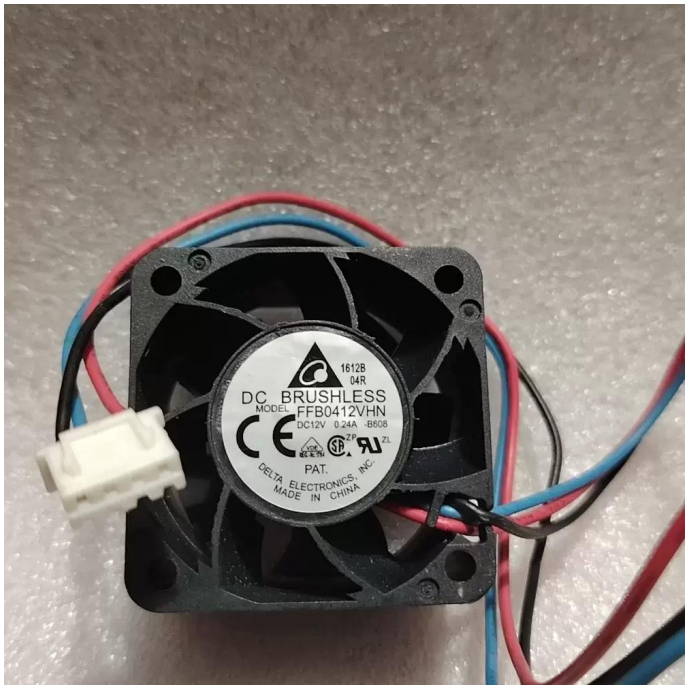
FFB0412VHN-B608 Delta 12VDC 40x40x28mm 3-Wire Axial Fan Datasheet



Brand: Delta

SKU: 940277144420

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/ffb0412vhn-b608-delta-12vdc-40x40x28mm-3-wire-axial-fan

Product Description

The Delta FFB0412VHN-B608 is a precision-engineered DC axial fan designed for applications requiring high static pressure within a compact form factor. Utilizing advanced brushless DC motor technology and a dual ball bearing architecture, this unit ensures exceptional structural rigidity and prolonged operational lifespan under continuous load. The aerodynamic impeller design optimizes airflow efficiency while managing thermal impedance effectively in dense electronic enclosures. Its robust construction meets rigorous industrial standards, making it a reliable solution for critical thermal management systems where space is constrained but performance cannot be compromised.

Model Number: FFB0412VHN-B608
Brand: Delta Electronics
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 0.24 A
Power: 2.88 W
Rated Speed: 9500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 15.79 CFM (26.8 m^3/h / 0.44 m^3/min)
Max. Static Pressure: 14.15 mmH_2O (138.8 Pa / 0.557 inH_2O)

Dimensions: 40x40x28 mm
Weight: 35 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 41.9 dB-A
Housing Material: Plastic (UL 94V-0)
Impeller Material: Plastic (UL 94V-0)
Termination: 3-Wire (Lead Wire)
Output Signal: Tachometer (Frequency Generator)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +75°C
Safety Protection: Polarity Protection, Locked Rotor Protection

The FFB0412VHN-B608 is engineered for high-density electronic environments such as 1U server racks, telecommunications switching equipment, and compact power supply units. Its high static pressure capabilities make the FFB0412VHN-B608 ideal for forcing air through restrictive heatsinks in industrial automation controllers and medical diagnostic devices. Additionally, this model serves effectively in network appliances and optical transmission equipment where reliable thermal dissipation is critical for system stability.

Supplemental Images