

FFB0424VHN Delta 24VDC 0.15A 40x40x28mm Axial Fan Datasheet



Brand: Delta

SKU: [975917291386](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

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Product Page:

<https://www.equipspares.com/product/ffb0424vhn-delta-24vdc-0-15a-40x40x28mm-axial-fan>

Product Description

Delta FFB0424VHN is a 24VDC 40x40x28mm Axial Fan optimized for high-density thermal management in space-constrained industrial environments. This unit utilizes a brushless DC motor integrated with a precision dual ball bearing architecture, ensuring low thermal impedance and high structural rigidity under continuous operation. The aerodynamic impeller is engineered to overcome high system resistance, making it ideal for compact enclosures. Operating at a rated current of 0.15A and achieving speeds up to 9500 RPM, this fan provides a robust cooling solution with a focus on long-term reliability. Its UL94V-0 plastic housing ensures safety in critical server and networking applications.

Model Number: FFB0424VHN

Brand: Delta Electronics

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.15A

Power: 3.6W

Rated Speed: 9500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 15.79 CFM (0.447 m³/min)

Max. Static Pressure: 12.92 mmH₂O (126.7 Pa / 0.509 inH₂O)

Dimensions: 40x40x28mm

Weight: 32g

Life Expectancy: 70,000 Hours at 40°C

Housing Material: Plastic (UL 94V-0)

Blade Material: Plastic (UL 94V-0)

Termination: 2-Wire Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Noise Level: 45.0 dB-A

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

FFB0424VHN Applications

1. 1U/2U Network Switches: High static pressure allows the fan to push air through densely packed line cards, serving as a reliable replacement fan for enterprise-grade hardware.
2. Industrial VFD Inverters: The 24VDC input and dual ball bearing design provide the necessary durability for cooling power electronics in high-vibration environments.
3. Compact Server Chassis: Optimized for overcoming the high impedance of small-form-factor server blades where 40mm depth is restricted but 28mm thickness is permissible.

Supplemental Images

