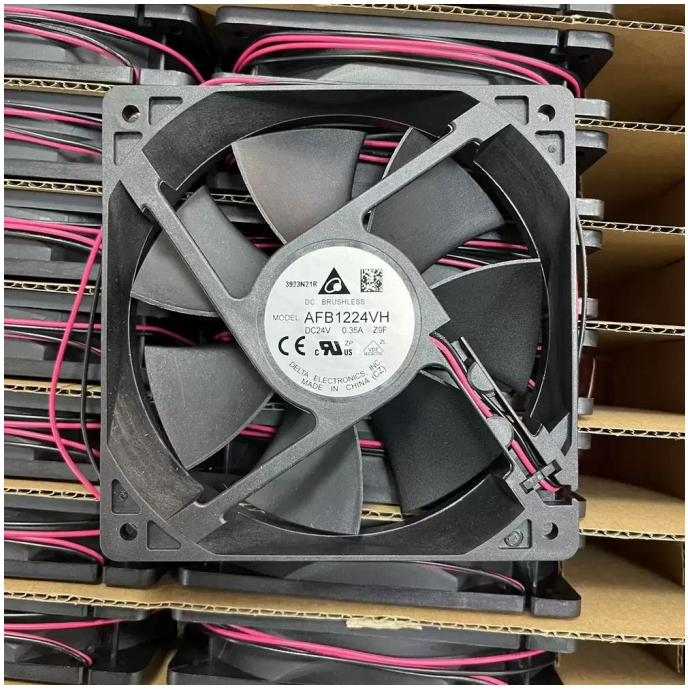
AFB1224VH-Z9F Delta 24VDC 120x120x25mm 2-Wire Axial Fan Datasheet



Brand: Delta

SKU: 887765427879

Category: Axial & Centrifugal Fans

Price: **$23.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/afb1224vh-z9f-delta-24vdc-120x120x25mm-2-wire-axial-fan

Product Description

The Delta AFB1224VH-Z9F is a DC Axial Fan engineered for critical thermal management in industrial environments. Utilizing advanced Brushless DC (BLDC) motor technology combined with a precision Two Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity, effectively reducing thermal impedance within high-density enclosures. Its robust construction adheres to strict industrial standards, providing reliable cooling performance under continuous duty cycles and demanding environmental conditions.

Model Number: AFB1224VH-Z9F
Brand: Delta Electronics
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.35 A
Input Power: 8.40 W
Rated Speed: 3100 RPM
Bearing Type: Two Ball Bearing
Max. Air Flow: 103.75 CFM (176.27 m^3/h / 2.93 m^3/min)
Max. Static Pressure: 9.43 mmH_2O (92.48 Pa / 0.37 inH_2O)

Dimensions: 120x120x25.4 mm
Weight: 197 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 44.5 dB-A
Housing Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Termination: 2-Wire (Lead Wire)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +75°C
Ingress Protection: IP50 (Standard)
Insulation Class: Class A
Motor Protection: Impedance Protected; Reverse Polarity Protection

Designed for versatile integration, the AFB1224VH-Z9F serves as a critical component in server racks, industrial automation cabinets, and telecommunications infrastructure. Its high static pressure capabilities make the AFB1224VH-Z9F ideal for forcing air through dense component arrays in CNC machinery and power supply units, ensuring optimal operating temperatures are maintained to prevent thermal throttling in mission-critical hardware.

Supplemental Images