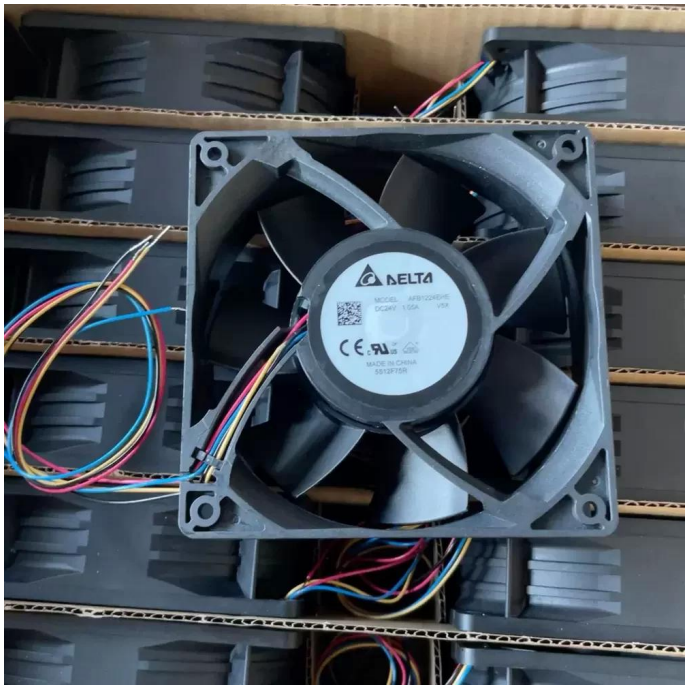
AFB1224EHE-V5X Delta 24VDC 120x120x38mm PWM Axial Fan Datasheet



Brand: Delta

SKU: 980023319721

Category: Axial & Centrifugal Fans

Price: **$30.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/afb1224ehe-v5x-delta-24vdc-120x120x38mm-pwm-axial-fan

Product Description

The Delta AFB1224EHE-V5X is a high-performance DC Axial Fan engineered for demanding thermal management applications requiring substantial airflow and static pressure. Featuring a robust Brushless DC motor and a precision Two Ball Bearing system, this unit ensures long-term reliability and reduced friction under continuous high-speed operation. The aerodynamic impeller design optimizes airflow dynamics to minimize thermal impedance within high-density enclosures. Constructed with a reinforced thermoplastic PBT frame, it offers superior structural rigidity and vibration resistance. This model utilizes a 4-wire PWM interface for precise speed modulation, balancing cooling efficiency with acoustic performance based on real-time thermal loads.

Model Number: AFB1224EHE-V5X
Brand: Delta Electronics
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 1.05 A
Power: 25.20 W
Rated Speed: 4600 RPM
Bearing Type: Two Ball Bearing
Max. Air Flow: 190.0 CFM (322.8 m^3/h / 5.38 m^3/min)

Max. Static Pressure: 15.0 mmH_2O (147.1 Pa / 0.59 inH_2O)
Dimensions: 120 x 120 x 38 mm
Weight: 256 g
Life Expectancy: 70,000 Hours at 40°C
Speed Control: PWM Control
Termination: 4-Wire Leads
Housing Material: Plastic (UL 94V-0)
Impeller Material: Plastic (UL 94V-0)
Operating Temperature: -10°C to +70°C
Noise Level: 58.0 dB-A
Safety Approval: UL, CUL, TUV, CE

The AFB1224EHE-V5X is specifically engineered for high-impedance applications such as variable frequency drive (VFD) cooling and industrial inverter systems. Its robust airflow characteristics allow the AFB1224EHE-V5X to effectively dissipate heat in dense server racks, telecommunications enclosures, and power supply units where airflow resistance is significant. Furthermore, this model is suitable for precision medical devices and automated CNC machinery where consistent thermal stability is critical for component longevity.

Supplemental Images


DELTA
MODEL AFB1224EHE
DC24V 1.05A V5X
MADE IN CHINA
5812F75R