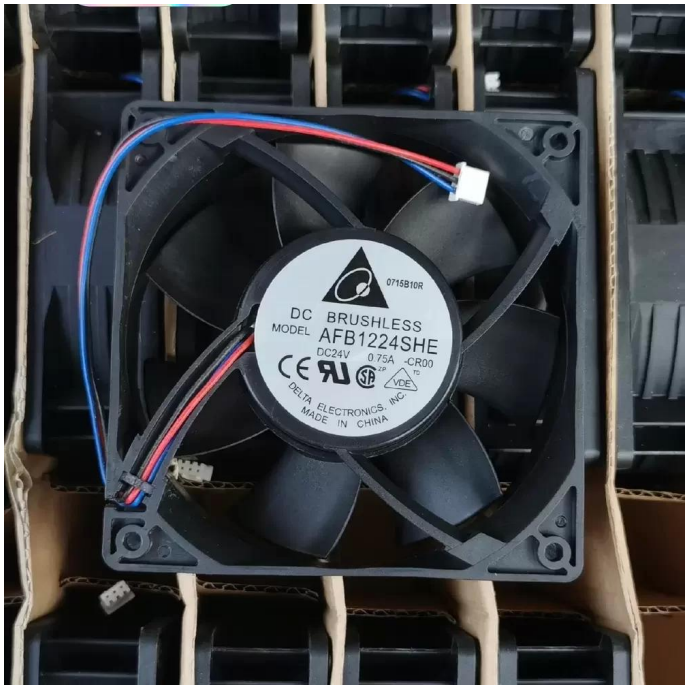
AFB1224SHE-CR00 Delta 24VDC 120x120x38mm Alarm Axial Fan Datasheet



Brand: Delta

SKU: 724264636845

Category: Axial & Centrifugal Fans

Price: **$29.99**

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Product Page:
https://www.equipspares.com/product/afb1224she-cr00-delta-24vdc-120x120x38mm-alarm-axial-fan

Product Description

The Delta Electronics AFB1224SHE-CR00 is a high-static pressure DC axial fan engineered for demanding thermal management applications requiring significant airflow throughput. Utilizing an advanced DC brushless motor design combined with a precision-balanced impeller, this unit optimizes aerodynamic efficiency while minimizing vibration-induced noise. The construction features a robust thermoplastic frame reinforced for structural rigidity, housing a dual ball bearing system that ensures longevity and stable operation under continuous load. The integrated CR00 sensor output provides critical rotor status monitoring (Locked Rotor Alarm), making it suitable for mission-critical systems where thermal impedance must be actively managed to prevent component failure.

Model Number: AFB1224SHE-CR00
Brand: Delta Electronics
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.75 A
Input Power: 18.00 W
Rated Speed: 3700 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 151.85 CFM (257.99 m^3/h / 4.30 m^3/min)
Max. Static Pressure: 14.50 mmH_2O (142.19 Pa / 0.57 inH_2O)
Dimensions: 120 x 120 x 38 mm
Noise Level: 53.0 dB-A
Life Expectancy: 70,000 Hours at 40°C
Termination: 3-Wire (Red +, Black -, Blue Alarm)
Output Signal: R00 (Locked Rotor Alarm/Sensor)
Housing Material: Plastic (UL 94V-0)
Blade Material: Plastic (UL 94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +75°C
Weight: 330 g
Certifications: UL, cUL, TUV, VDE, CE

Designed for high-reliability environments, the AFB1224SHE-CR00 serves as a critical cooling component in variable frequency drives and industrial inverters, ensuring optimal operating temperatures for sensitive power electronics. This fan is frequently integrated into server rack enclosures, telecommunication cabinets, and precision CNC machinery where sustained static pressure is required to overcome system resistance. By utilizing the AFB1224SHE-CR00, maintenance engineers can rely on the integrated alarm signal for immediate fault detection in automated manufacturing lines and power supply units.

Supplemental Images