

# AFB1224SHE-R00 Delta 24VDC 120x120x38mm Sensor Axial Fan Datasheet



**Brand:** Delta

**SKU:** [686765673905](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$19.99**

---

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

**Web:** <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/afb1224she-r00-delta-24vdc-120x120x38mm-sensor-axial-fan>

---

## Product Description

---

The Delta AFB1224SHE-R00 is a precision-engineered DC axial fan designed for critical thermal management applications requiring minimized thermal impedance. Utilizing advanced aerodynamic design principles, this unit optimizes airflow efficiency while maintaining structural rigidity under high rotational speeds. The core architecture features a robust 2 Ball Bearing system, ensuring operational longevity and stability in industrial environments. Engineered with specific electromagnetic compatibility, the device integrates a rotation detector (R00) sensor for real-time monitoring, making it an ideal solution for systems demanding high reliability and consistent static pressure delivery.

Model Number: AFB1224SHE-R00

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: 2 Ball Bearing

Max. Air Flow: 151.85 CFM (257.9 m<sup>3</sup>/h / 4.30 m<sup>3</sup>/min)

Max. Static Pressure: 14.50 mmH<sub>2</sub>O (142.2 Pa / 0.57 inH<sub>2</sub>O)

Dimensions: 120 x 120 x 38 mm

Weight: 256 g

Life Expectancy: 70,000 hours at 40°C

Noise Level: 53.0 dB-A

Sensor Output: R00 (Rotation Detector / Locked Rotor Alarm)

Speed Control: Non-PWM (Voltage Control)

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Ingress Protection: IP00 (Standard)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Insulation Class: Class A

Termination: 3-Wire Leads (+ Red, - Black, Sensor Blue)

Certifications: UL, cUL, TUV, VDE, CE

Direction of Rotation: Counter-clockwise facing rotor

Protection: Electronic Locked Rotor Protection, Polarity Protection

This high-performance thermal solution is widely utilized in industrial automation sectors, specifically within variable frequency drive inverters and high-density server racks where heat dissipation is critical. The AFB1224SHE-R00 effectively manages thermal loads in CNC machinery control panels and telecommunications power supply units. By integrating the AFB1224SHE-R00 into chassis cooling systems, engineers ensure continuous operation of sensitive electronic components, safeguarding against thermal shutdowns in demanding operational environments ranging from factory floors to data centers.

## Supplemental Images

---

