EFB0924VHF-T5R3 Delta 24VDC 0.27A 92x92x32mm Axial Fan Datasheet

Brand: Delta

SKU: 798786685756

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/efb0924vhf-t5r3-delta-24vdc-0-27a-92x92x32mm-axial-fan

Product Description

Delta EFB0924VHF-T5R3 is a 24VDC 92x92x32mm Axial Fan optimized for high-density thermal management in precision cinema projection systems. Engineered with a brushless DC motor and dual ball bearing architecture, this unit minimizes thermal impedance while maintaining structural rigidity under continuous duty cycles. The aerodynamic impeller design is specifically tuned to overcome the high static pressure found in compact board enclosures. Operating at a rated speed of 3800 RPM with a current draw of 0.27A, it delivers a robust 62.23 CFM of airflow. This model features a three-wire configuration providing a dedicated frequency generator (tachometer) signal for real-time system monitoring, ensuring critical cooling for sensitive internal electronics.

Model Number: EFB0924VHF-T5R3
Brand: Delta Electronics
Product Type: Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.27 A
Power: 6.48 W
Rated Speed: 3800 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 62.23 CFM (1.76 m^3/min)

Max. Static Pressure: 9.81 mmH_2O (0.386 inH_2O)
Dimensions: 92 x 92 x 32 mm
Weight: 120 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 44.5 dB(A)
Housing Material: Plastic (UL 94V-0)
Blade Material: Plastic (UL 94V-0)
Termination: 3 Lead Wires
Signal Output: Tachometer / F00 Speed Sensor
Operating Temperature: -10 to +70 °C
Storage Temperature: -40 to +75 °C
Protection Features: Locked Rotor Protection, Reverse Polarity Protection
Certifications: UL, CUL, TUV, CE

EFB0924VHF-T5R3 Applications
1. Digital Cinema Projectors: Engineered as a high-reliability replacement fan for Barco DP2000 and 20C series board cages, where overcoming high system impedance is critical for maintaining optical engine stability.
2. VFD Control Cabinets: Ideal for localized heat dissipation in industrial drive enclosures requiring a 32mm depth profile to balance airflow volume and static pressure.
3. Rackmount Telecommunications: Optimized for 3U chassis environments where the 92mm form factor provides superior CFM-to-noise ratios for line card cooling.

Supplemental Images