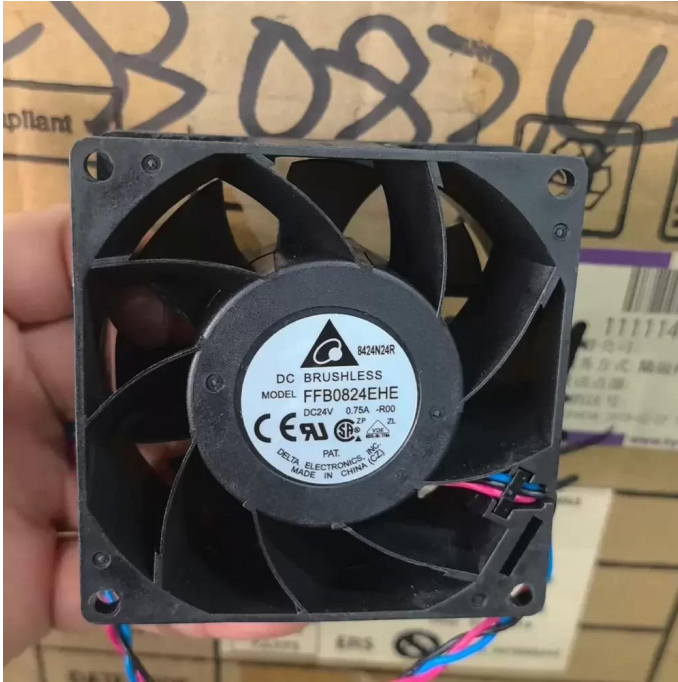


FFB0824EHE-R00 Delta 24VDC 80x80x38mm Alarm Axial Fan Datasheet



Brand: Delta

SKU: 886096522835

Category: Axial & Centrifugal Fans

Price: **\$19.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/ffb0824ehe-r00-delta-24vdc-80x80x38mm-alarm-axial-fan>

Product Description

The Delta FFB0824EHE-R00 is a high-static pressure DC axial fan engineered for demanding industrial thermal management. Utilizing advanced brushless DC motor technology paired with a precision Dual Ball Bearing architecture, this unit ensures minimal friction and exceptional structural rigidity under continuous operation. The 80x80x38mm frame design optimizes aerodynamic throughput, significantly reducing thermal impedance in high-density enclosures. Featuring a specialized impeller profile, it delivers concentrated airflow to overcome system resistance, making it an ideal solution for critical cooling applications requiring reliability and robust performance.

Model Number: FFB0824EHE-R00

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.75 A

Power: 18.00 W

Rated Speed: 5700 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 84.76 CFM (144.0 m³/h / 2.40 m³/min)

Max. Static Pressure: 20.63 mmH₂O (202.3 Pa / 0.812 inH₂O)

Dimensions: 80 x 80 x 38 mm

Weight: 170 g

Noise Level: 52.5 dB-A

Life Expectancy: 70,000 Hours @ 40°C

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

Termination: 3-Wire Lead

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Ingress Protection: IP55 (Optional configuration)

Safety Certifications: UL, cUL, TUV, CE

The FFB0824EHE-R00 is specifically calibrated for high-impedance environments such as variable frequency drives (VFDs) and industrial inverters where back-pressure resistance is a critical factor. Its robust airflow capabilities make it suitable for cooling server rack power supplies, telecommunications equipment, and precision CNC machinery electronics. By maintaining consistent thermal envelopes, the FFB0824EHE-R00 ensures the longevity of sensitive components in automation control panels and medical instrumentation, preventing thermal throttling in continuous-duty cycles.

Supplemental Images

