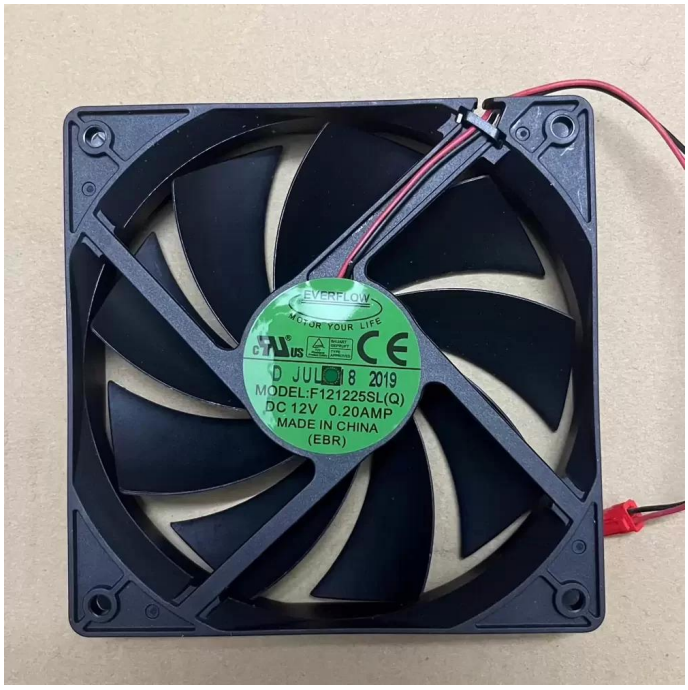
F121225SL(Q) Everflow 12VDC 120x120x25mm Axial Fan Datasheet



Brand: Everflow

SKU: 1036525637798

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page: https://www.equipspares.com/product/f121225slq-everflow-12vdc-120x120x25mm-axial-fan

Product Description

Everflow F121225SL(Q) is a 12VDC 120x120x25mm Axial Fan optimized for low-impedance thermal management in consumer electronics and industrial enclosures. Engineered with a DC brushless motor and a precision sleeve bearing architecture, this unit balances structural rigidity with acoustic efficiency. The aerodynamic impeller design is specifically tuned to minimize turbulence while maintaining a steady 0.20A current draw. Operating at a nominal speed optimized for quiet operation, this model effectively reduces thermal impedance in sensitive electronic assemblies. With its standard 120mm footprint, it provides a reliable cooling solution for systems requiring consistent airflow without excessive power consumption.

Model Number: F121225SL(Q)
Brand: Everflow
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 0.20 A
Power: 2.4 W
Rated Speed: 1200 RPM
Bearing Type: Sleeve Bearing
Max. Air Flow: 52.0 CFM (88.3 m^3/h)
Max. Static Pressure: 1.27 mmH_2O (12.45 Pa)

Dimensions: 120 x 120 x 25 mm
Weight: 140 g
Life Expectancy: 30,000 Hours at 25°C
Noise Level: 24.0 dB(A)
Housing/Blade Material: PBT Thermoplastic UL94V-0
Termination: 2-Wire Lead Wires
Operating Temperature: -10 to +70 °C
Storage Temperature: -40 to +70 °C
Mounting Orientation: Any
Protection Features: Impedance Protected

F121225SL(Q) Applications

1. ATX Power Supplies: Ideal replacement fan for standard desktop PSU units where low noise and 120mm compatibility are critical for maintaining internal component longevity.
2. Home Theater PC (HTPC) Enclosures: Optimized for low-vibration operation in media centers where acoustic transparency is required during high-definition playback.
3. Network Storage (NAS) Cabinets: Provides efficient heat dissipation for multi-drive arrays by overcoming moderate system impedance without increasing the noise floor." floor.

Supplemental Images