

F2E-120S-230 Leipole 230VAC 120x120x38mm Cabinet Axial Fan Datasheet



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Category: Axial & Centrifugal Fans

Price: **\$20.99**

E-mail: sales@equipspares.com

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

Product Page:

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Product Description

The Leipole F2E-120S-230 is a precision-engineered AC axial fan designed for robust thermal management in industrial enclosures and electrical cabinets. Utilizing an impedance-protected AC motor architecture, this unit operates efficiently across dual frequencies, delivering consistent airflow to mitigate thermal impedance within high-density environments. The structural rigidity of the 120x120x38mm frame ensures stability under continuous operation, while the sleeve bearing system provides a cost-effective solution optimized for vertical mounting orientations. Engineered for reliability, the F2E-120S-230 balances power consumption with aerodynamic performance, making it a critical component for maintaining optimal operating temperatures in electrical distribution boards, automation control panels, and server racks requiring standard AC cooling solutions.

Model Number: F2E-120S-230

Brand: Leipole

Product Type: AC Axial Fan

Rated Voltage: 230VAC

Frequency: 50/60 Hz

Rated Current: 0.12 A (50Hz) / 0.10 A (60Hz)

Input Power: 18 W (50Hz) / 15 W (60Hz)

Output Power: 10 W

Rated Speed: 2500 RPM (50Hz) / 2700 RPM (60Hz)

Bearing Type: Sleeve Bearing

Max. Air Flow: 85.34 - 94.17 CFM (145 - 160 m³/h)

Dimensions: 120 x 120 x 38 mm

Frame Size: 4 Inch

Mounting Style: Flange Mount

The F2E-120S-230 is extensively utilized in industrial automation environments, specifically for cooling Rittal-style cabinets and electrical distribution enclosures. Its compact 120mm form factor allows for seamless integration into server racks, CNC machinery control panels, and power supply units where space is at a premium. By effectively dissipating heat generated by internal components, the F2E-120S-230 ensures the longevity and reliability of sensitive telecommunications equipment and medical devices, preventing thermal shutdowns in critical infrastructure.

Supplemental Images

