

F2E-120B-230 LINKWELL 230VAC 120x120x38mm Axial Fan Datasheet



Brand: LINKWELL

SKU: 946066402824

Category: Axial & Centrifugal Fans

Price: \$20.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/f2e-120b-230-linkwell-230vac-120x120x38mm-axial-fan>

Product Description

The LINKWELL F2E-120B-230 is a robust AC Axial Fan engineered for critical thermal management in industrial enclosures and power systems. This unit features a durable die-cast aluminum housing and thermoplastic PBT impellers (UL94V-0), ensuring structural rigidity and resistance to environmental stress and vibration. Utilizing an impedance-protected motor design, it operates efficiently across 50/60Hz frequencies, delivering consistent airflow with optimized static pressure characteristics. The aerodynamic blade geometry minimizes turbulence while maintaining high thermal exchange rates, making it an ideal solution for continuous duty cycles in demanding electrical environments where thermal impedance must be minimized.

Model Number: F2E-120B-230

Brand: LINKWELL

Product Type: AC Axial Fan

Rated Voltage: 230VAC

Frequency: 50 / 60 Hz

Voltage Range: 220 - 240 VAC

Rated Current: 0.14 / 0.13 A

Input Power: 21 / 20 W

Rated Speed: 2500 / 2700 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 95.0 CFM (161.4 m³/h / 2.69 m³/min)

Max. Static Pressure: 7.62 mmH₂O (74.73 Pa / 0.30 inH₂O)

Dimensions: 120x120x38mm

Weight: 530g

Frame Material: Aluminum Die-Cast (Black Paint)

Impeller Material: PBT Thermoplastic (UL94V-0)

Noise Level: 44 / 46 dB(A)

Operating Temperature: -10°C to +65°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 50,000 Hours at 25°C

Termination: Lead Wires / Terminals

Motor Protection: Impedance Protected

Dielectric Strength: 1500VAC for 1 Minute

Insulation Resistance: 500MΩ min. at 500VDC

Mounting Orientation: Any

Safety Certifications: CE, RoHS

Designed for versatility, the F2E-120B-230 is widely utilized in industrial automation and telecommunications infrastructure. It provides essential cooling for server racks, control cabinets, and power distribution units where heat dissipation is critical for component longevity. The F2E-120B-230 ensures reliable operation in CNC machinery, welding equipment, and medical instrumentation, effectively preventing thermal throttling in enclosed electronic systems.

Supplemental Images

