

FP-108CX S1-B Commonwealth 110/120VAC 172x150x38mm Axial Fan Datasheet



Brand: Commonwealth

SKU: 938233834780

Category: Axial & Centrifugal Fans

Price: \$38.99

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Product Page:

<https://www.equipspares.com/product/fp-108cx-s1-b-commonwealth-110-120vac-172x150x38mm-axial-fan>

Product Description

The Commonwealth FP-108CX S1-B is a robust industrial axial fan engineered for high-demand thermal management systems. Utilizing an advanced AC induction motor architecture, this unit delivers consistent airflow while maintaining optimal thermal impedance under continuous operation. The construction features a durable aluminum alloy frame coupled with a thermoplastic impeller, ensuring structural rigidity and resistance to environmental stress. Equipped with a precision double ball bearing system, the FP-108CX S1-B minimizes frictional losses and extends operational lifespan, making it a reliable solution for critical cooling applications requiring sustained performance and mechanical stability.

Model Number: FP-108CX S1-B

Brand: Commonwealth

Product Type: AC Axial Fan

Rated Voltage: 110/120 VAC

Frequency: 50/60 Hz

Rated Current: 0.29 / 0.26 A

Input Power: 22 / 20 W

Dimensions: 172mm x 150mm x 38mm

Bearing Type: Double Ball Bearing

Frame Material: Aluminum Alloy
Impeller Material: PBT (UL94V-0)
Air Flow Direction: Exhaust Over Struts
Motor Type: Shaded Pole Induction Motor
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Insulation Resistance: >100M Ohm at 500VDC
Dielectric Strength: 1500VAC for 1 Minute
Life Expectancy: 50,000 Hours at 25°C
Mounting: Flange Mount
Shape: Oval / Round

Designed for versatile industrial integration, the FP-108CX S1-B excels in environments requiring efficient heat dissipation, such as variable frequency drive (VFD) cabinets and power inverters. Its robust design makes it suitable for server rack ventilation, CNC machinery control panels, and telecommunications equipment. The FP-108CX S1-B provides reliable airflow to prevent thermal throttling in sensitive electronics, ensuring system longevity in automation and manufacturing setups.

Supplemental Images

