

M127AN-22-1WB Sinwan 200/240V 127x127x38mm AC Axial Fan

SKU: M127AN-22-1WB

Price: \$33.71

Categories: Fans

Tags: Sinwan

Product Link:

<https://www.electspares.com/product/m127an-22-1wb-sinwan-200-240v-127x127x38mm-ac-axial-fan/>

Product Description

The Sinwan M127AN-22-1WB is a high-performance 200/240 VAC AC Axial Fan with dimensions of 127x127x38mm, specifically engineered for demanding thermal management in industrial frequency converters and heavy-duty electrical control cabinets. Driven by a robust shaded-pole motor with impedance protection, this unit provides a substantial power consumption of 29.0 W at 50 Hz and 26.0 W at 60 Hz, operating at a rated speed of up to 2950 RPM to deliver a superior airflow for critical heat extraction. Constructed with a durable die-cast aluminum housing and a high-strength 5-blade metal impeller featuring precision dual ball bearings, this 630 g unit provides a heavy-duty air-moving solution with a noise level of 78.0 dB(A) and IP55 protection, ensuring maximum cooling performance and long-term mechanical stability for high-power inverters, variable frequency drives (VFD), and industrial switchgear systems in harsh environments at the end.

M127AN-22-1WB Fan Parameters

Model Number: M127AN-22-1WB

Manufacturer: Sinwan

Type: AC Axial Fan

Dimensions: 127.0 x 127.0 x 38.0 mm

Weight: 630 g

Bearing Type: Dual Ball Bearing

Nominal Voltage: 200 / 240 VAC

Frequency: 50 / 60 Hz

Max. Power Consumption: 29.0 W (50 Hz) / 26.0 W (60 Hz)

Max. Current Draw: 0.16 A (50 Hz) / 0.14 A (60 Hz)

Rated Speed: 2600 RPM (50 Hz) / 2950 RPM (60 Hz)

Max. Air Flow: 62.23 CFM (105.7 m³/h / 1.76 m³/min)

Max. Static Pressure: 9.81 mmH₂O (96.24 Pa / 0.39 inH₂O)

Working Air Flow: 3.1 m³/min (110.0 CFM) / 3.6 m³/min (128.0 CFM)

Static Pressure Increase: 6.86 mmH₂O (0.27 inH₂O) / 7.37 mmH₂O (0.29 inH₂O)

Motor Protection: Impedance protected

Insulation Class: Class B

Electrical Hookup: 2 lead wires

Number of Blades: 3

Direction of Rotation: Counter-clockwise (viewed toward rotor)

Airflow Direction: Exhaust over struts

Housing Material: Metal (Die-cast aluminum)

Impeller Material: Metal (Aluminum alloy)

Operation Mode: S1 (Continuous operation)

Sound Pressure Level: 78.0 dB(A)

Service Life (L10): 50,000 h (at 40 °C)

Operating Temperature: -20 - +70 °C

Storage Temperature: -40 - +80 °C

Degree of Protection: IP55

Standard Compliance: EN 60950-1; CE

Approval Agency: UL; CUL; TUV

Application

The Sinwan M127AN-22-1WB AC fan is primarily utilized in industrial frequency converters, power inverters, and electrical control cabinet heat dissipation systems for efficient exhaust and cooling in harsh environments.

Product Images







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