

# M150AP-22-1WB(MS) SINWAN 230V 172x151x38mm AC Axial Fan

**SKU:** M150AP-22-1WB(MS)

**Price:** \$45.71

**Categories:** Fans

**Tags:** Sinwan

**Product Link:**

<https://www.electspares.com/product/m150ap-22-1wbms-sinwan-230v-172x151x38mm-ac-axial-fan/>

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## Product Description

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The SINWAN M150AP-22-1WB(MS) is a professional-grade 230VAC Industrial AC Axial Fan with dimensions of 172 x 151 x 38 mm, specifically engineered for critical thermal management in Siemens drive systems and heavy-duty VFD cabinets. Driven by a high-efficiency capacitor-run induction outer rotor motor with integrated thermal protection, this unit delivers a precise Max. Power Consumption of 32.0 W and a Max. Current Draw of 0.14 A at 230 V DC (60 Hz). Operating at a peak rated speed of 3100 RPM with an optimized 6-blade all-metal impeller, it provides a powerful working air flow of 408.0 m<sup>3</sup>/h (240.0 CFM) to ensure optimal heat extraction. Constructed with a rugged die-cast aluminum metal housing and precision dual ball bearings, this 820 g unit ensures maximum cooling performance and long-term mechanical stability for integrated industrial switchgear systems at the end.

M150AP-22-1WB(MS) Fan Parameters

Model Number: M150AP-22-1WB(MS)

Manufacturer: SINWAN

Type: AC Axial Fan (Capacitor Motor)

Dimensions: 172.0 x 151.0 x 38.0 mm

Weight: 820 g

Bearing Type: Ball bearing

Nominal Voltage: 230VAC

Voltage Range: 200 - 240 VAC

Frequency: 50/60 Hz

Max. Power Consumption: 28.0 W (at 50 Hz) / 32.0 W (at 60 Hz)

Rated Speed: 2700 RPM (at 50 Hz) / 3100 RPM (at 60 Hz)

Max. Air Flow: 240.0 CFM (408.0 m<sup>3</sup>/h / 6.8 m<sup>3</sup>/min)

Max. Static Pressure: 13.7 mmH<sub>2</sub>O (134.5 Pa / 0.54 inH<sub>2</sub>O)  
Working Air Flow: 348.0 m<sup>3</sup>/h (at 50 Hz) / 408.0 m<sup>3</sup>/h (at 60 Hz)  
Static Pressure Increase: 134.5 Pa  
Motor Type: Capacitor induction, outer rotor motor  
Burnout Protection: Thermally protected  
Insulation Resistance: Over 100 MΩ at DC 500V  
Dielectric Strength: 1,500 VAC/min, 50/60 Hz  
Number of Blades: 6  
Direction of Rotation: Counter-clockwise (viewed toward rotor)  
Airflow Direction: Intake over struts  
Housing Material: Metal (Die-cast aluminum, black)  
Impeller Material: Metal (All metal blades)  
Degree of Protection: IP54  
Operation Mode: S1 (Continuous operation)  
Sound Pressure Level: 58.0 dB(A)  
Service Life (L10): 70,000 h (at 25 °C)  
Operating Temperature: -20 - +70 °C  
Storage Temperature: -40 - +80 °C (at 65% RH)  
Electrical Hookup: 2 lead wires (Wire lead type)  
Wire Length: 300 mm  
Standard Compliance: EN 60335-1; CE  
Approval Agency: UL; CSA; TUV; VDE

#### Application

The SINWAN M150AP-22-1WB(MS) AC fan is the primary cooling component for industrial frequency converters, electrical distribution cabinets, and high-performance ventilation systems requiring IP54-rated protection and high-velocity air delivery.

## **Product Images**

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Scan for product details:

