

# W2S130-AA03-01 ebm-papst 230VAC 172mm Metal Axial Fan Datasheet



**Brand:** ebmpapst

**SKU:** 947786414419

**Category:** Axial & Centrifugal Fans

**Price:** **\$115.99**

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Product Page:

<https://www.equipspares.com/product/w2s130-aa03-01-ebm-papst-230vac-172mm-metal-axial-fan>

## Product Description

The ebm-papst W2S130-AA03-01 is a robust AC Axial Fan engineered for high-demand industrial thermal management. Utilizing an advanced external rotor shaded-pole motor, this unit delivers exceptional aerodynamic efficiency while maintaining a compact thermal impedance profile. The construction features a rugged die-cast aluminum housing and sheet steel impeller, ensuring superior structural rigidity and resistance to mechanical stress. Designed for continuous operation, the W2S130-AA03-01 integrates precision ball bearings to minimize friction and extend service life under elevated operating temperatures, making it an ideal solution for critical cooling applications requiring consistent airflow and durability.

Model Number: W2S130-AA03-01

Brand: ebm-papst

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Power Input: 45 / 39 W

Rated Current: 0.31 / 0.25 A

Rated Speed: 2800 / 3250 RPM

Max. Air Flow: 223.6 CFM (380 m<sup>3</sup>/h)

Max. Static Pressure: 0.64 inH<sub>2</sub>O (160 Pa)

Bearing Type: Ball Bearing

Dimensions: 172 mm x 150 mm x 55 mm

Impeller Diameter: 130 mm

Weight: 1.1 kg

Housing Material: Die-Cast Aluminum

Impeller Material: Sheet Steel, coated in black

Direction of Rotation: Counter-clockwise viewed toward rotor

Direction of Air Flow: Intake over struts

Motor Protection: Thermal Overload Protector (TOP) wired internally

Operating Temperature: -25 °C to +70 °C

Life Expectancy: 57,500 hours (40°C)

Termination: 2 Flat Plugs 2.8 x 0.5 mm

Ingress Protection: IP20

Insulation Class: B

Approvals: VDE, CSA, UL, CE

This high-performance cooling solution is specifically calibrated for rigorous industrial environments, including Uninterruptible Power Supplies (UPS) and heavy-duty elevator frequency inverters (Part Ref 7855ES). The W2S130-AA03-01 excels in regulating thermal loads within enclosed control cabinets where consistent air exchange is vital for component longevity. Additionally, the W2S130-AA03-01 is frequently deployed in server rack ventilation systems and specialized medical instrumentation, providing reliable heat dissipation for sensitive electronics prone to thermal throttling.

## Supplemental Images

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