

# W2S130-AA03-21 ebm-papst 230VAC 150mm Aluminum Axial Fan Datasheet



**Brand:** ebmpapst

**SKU:** 990167202495

**Category:** Axial & Centrifugal Fans

**Price:** **\$78.99**

---

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

Product Page:

<https://www.equipspares.com/product/w2s130-aa03-21-ebm-papst-230vac-150mm-aluminum-axial-fan>

---

## Product Description

---

The ebm-papst W2S130-AA03-21 is a robust Tube Axial Fan engineered for demanding industrial thermal management applications. Utilizing an advanced external rotor shaded-pole motor, this unit delivers consistent aerodynamic performance while maintaining optimal thermal impedance levels. The construction features a rugged die-cast aluminum housing paired with precision-balanced blades, ensuring exceptional structural rigidity and vibration damping under continuous operation. Designed with a maintenance-free ball bearing system, the W2S130-AA03-21 offers prolonged service life and reliability in harsh environments, making it a critical component for high-efficiency cooling solutions requiring substantial airflow and static pressure capabilities.

Model Number: W2S130-AA03-21

Brand: ebm-papst

Product Type: Tube Axial Fan

Motor Technology: AC External Rotor Shaded-Pole

Rated Voltage: 230 V AC

Frequency: 50 / 60 Hz

Rated Current: 0.31 / 0.25 A

Power Consumption: 45 / 39 W

Rated Speed: 2800 / 3250 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 191.3 CFM (325 m<sup>3</sup>/h / 5.41 m<sup>3</sup>/min)

Max. Static Pressure: 0.32 inH<sub>2</sub>O (80 Pa / 8.16 mmH<sub>2</sub>O)

Dimensions: 150mm (Diameter) x 55mm (Depth)

Weight: 1.1 kg (2.43 lbs)

Housing Material: Die-Cast Aluminum

Impeller Material: Sheet Steel (Black Coated) / Aluminum

Noise Level: 49 / 53 dB(A)

Operating Temperature: -25°C to +70°C

Insulation Class: B

Ingress Protection: IP20

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

Airflow Direction: Intake over struts

Motor Protection: Impedance Protected

Termination: 2x Flat Plugs 2.8 x 0.5 mm

Mounting Orientation: Any

Certifications: VDE, CSA, UL, CE

Life Expectancy (L10 at 40°C): 60,000 Hours

The W2S130-AA03-21 is frequently integrated into industrial control cabinets, power distribution units, and heavy-duty electronics cooling systems where heat dissipation is paramount. Its robust metal construction makes the W2S130-AA03-21 ideal for welding machines, photovoltaic inverters, and server rack ventilation, ensuring operational stability in environments susceptible to thermal stress.

## Supplemental Images

---

