

# S4D315-AP10-30 ebm-papst 400VAC 315mm 3-Phase Axial Fan Datasheet



**Brand:** ebmpapst

**SKU:** [678502206691](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$328.99**

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Product Page:

<https://www.equipspares.com/product/s4d315-ap10-30-ebm-papst-400vac-315mm-3-phase-axial-fan>

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## Product Description

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The ebm-papst S4D315-AP10-30 is a robust AC axial fan engineered for demanding industrial thermal management applications. Featuring a high-efficiency 3-phase external rotor motor (M4D068-CF), this unit delivers consistent airflow with optimized aerodynamic performance. The construction utilizes coated sheet steel blades directly welded to the rotor, ensuring structural rigidity and reduced vibration during operation. Designed with maintenance-free ball bearings, the S4D315-AP10-30 offers exceptional longevity and low thermal impedance, making it suitable for continuous duty cycles. Its IP44 ingress protection rating ensures resilience against dust and moisture, maintaining operational integrity in challenging environments.

Model Number: S4D315-AP10-30

Brand: ebm-papst

Product Type: Axial Fan

Motor Type: AC External Rotor Motor (M4D068-CF)

Phase: 3~ (Three-Phase)

Rated Voltage: 400 / 480 VAC

Voltage Range: 380 - 480 VAC

Frequency: 50 / 60 Hz

Rated Speed: 1350 / 1550 RPM

Power Consumption: 110 / 150 W

Rated Current: 0.28 / 0.26 A

Max. Air Flow: 1118 CFM (1900 m<sup>3</sup>/h / 31.6 m<sup>3</sup>/min)

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

Blade Diameter: 315mm

Bearing Type: Maintenance-free Ball Bearing

Noise Level: 64 dB(A)

Ingress Protection: IP44

Insulation Class: F

Motor Protection: Thermal Overload Protector (TOP) wired internally

Blade Material: Sheet steel, coated black

Rotor Material: Cast aluminum

Housing Material: Coated steel

Direction of Rotation: Counter-clockwise (seen on rotor)

Airflow Direction: V (Suction over struts)

Operating Temperature: -25°C to +60°C

Weight: 4.5 kg

Termination: Lead wires

Compliance: CE, CCC

The S4D315-AP10-30 is specifically calibrated for industrial cooling systems, including water chillers and condenser units where reliable heat dissipation is critical. This model is frequently integrated into large-scale ventilation setups, transformer cooling, and refrigeration equipment requiring three-phase power. The S4D315-AP10-30 ensures stable operation in manufacturing plants and server room climate control infrastructure, providing the necessary airflow to prevent thermal throttling in sensitive electronics and machinery.

## Supplemental Images

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