

# S4E350-8317072923 ebmpapst 230V 350mm AC Axial Fan

**SKU:** S4E350-8317072923

**Price:** \$145.42

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/s4e350-8317072923-ebmpapst-230v-350mm-ac-axial-fan/>

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## Product Description

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The ebmpapst S4E350-8317072923 is a high-performance industrial AC axial fan with a nominal voltage of 230 VAC and an impeller size of 350 mm, specifically engineered for efficient thermal management in refrigeration systems and industrial ventilation. Driven by a robust single-phase M4E074-DF external rotor motor with a power consumption of 130 W at 50 Hz, this unit features a specialized ball bearing system with anti-freezing grease designed for mechanical stability even at -40 °C and continuous S1 duty. Its aerodynamic design with 5 black-coated sheet steel blades delivers a powerful airflow of 2200 m<sup>3</sup>/h at its rated speed of 1400 RPM, maintaining high static efficiency in heat exchangers. Constructed with a black-coated rotor surface, an ABS plastic terminal box, and a phosphated steel guard grille, this 5.2 kg fan provides a dependable and thermally stable cooling solution with IP44 protection and Class F insulation for air conditioning units, commercial freezers, and industrial electronics cooling at the end.

S4E350-8317072923 Fan Parameters

Model Number: S4E350-8317072923

Manufacturer: ebmpapst

Motor Model: M4E074-DF

Series: S Series

Type: AC Axial Fan

Impeller Size: 350 mm

Weight: 5.2 kg

Bearing Type: Ball bearing with anti-freezing grease

Nominal Voltage: 230 VAC (Single-phase)

Frequency: 50 Hz

Power Consumption: 130 W  
Nominal Current: 0.58 A  
Starting Current: 1.2 A  
Speed: 1400 RPM  
Max. Air Flow: 62.23 CFM (105.7 m<sup>3</sup>/h / 1.76 m<sup>3</sup>/min)  
Max. Static Pressure: 9.81 mmH<sub>2</sub>O (96.24 Pa / 0.39 inH<sub>2</sub>O)  
Actual Air Flow: 2200 m<sup>3</sup>/h  
Pressure Increase (pfs): 70 Pa  
Max. Back Pressure: 90 Pa  
Motor Capacitor: 4.0 μF / 400 VDB (Integrated in terminal box)  
Overall Efficiency (η<sub>es</sub>): 28.5 %  
Motor Design: Single-phase AC external rotor motor  
Motor Protection: Thermal overload protector (TOP) wired internally  
Insulation Class: Class F  
Humidity Class: F1-2  
Electrical Hookup: Terminal box (ABS plastic)  
Number of Blades: 5  
Direction of Rotation: Counter-clockwise, viewed toward rotor  
Airflow Direction: "V" (Exhaust over struts)  
Impeller Material: Sheet steel, coated in black  
Guard Grille Material: Steel, phosphated and coated in black plastic  
Installation Position: Shaft horizontal or rotor on top  
Degree of Protection: IP44  
Operating Temperature: -40 - +35 °C  
Storage Temperature: -40 - +70 °C  
Standard Compliance: EN 60335-1; CE  
Approval Agency: CCC

#### Application

The ebmpapst S4E350-8317072923 AC fan is primarily utilized in air conditioning condensers, commercial refrigeration evaporators, cold storage ventilation, and industrial electronic cabinet cooling.

## Product Images

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Scan for product details:

