

# S4E400-8317072925 ebmpapst 230V 400mm AC Axial Fan

**SKU:** S4E400-8317072925

**Price:** \$188.56

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/s4e400-8317072925-ebmpapst-230v-400mm-ac-axial-fan/>

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## Product Description

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The ebmpapst 8317072925 is a high-performance 230VAC AC Axial Fan with dimensions of 470 x 470 x 190 mm, featuring sickled blades (S series) and a guard grille for short nozzle, specifically engineered for mission-critical cooling in Industrial Frequency Converters and refrigeration condensers. Driven by a 1-phase 4-pole M4E074-EI external rotor motor with ball bearings featuring anti-freezing grease, this 5.9 kg unit operates on a 230 VAC supply delivering a Max. Power Consumption of 160 W and a Max. Current Draw of 0.73 A at a rated speed of 1430 RPM. This High-performance unit achieves a Max. Air Flow of 1574.4 CFM (2675.0 m<sup>3</sup>/h / 44.58 m<sup>3</sup>/min) and a Max. Static Pressure of 15.30 mmH<sub>2</sub>O (150.0 Pa / 0.60 inAq). Featuring an internally wired thermal overload protector (TOP) and Class F insulation, this 5-blade unit with black-coated sheet steel blades is optimized for industrial VFD systems requiring robust airflow and high operational reliability in any installation position at the end.

8317072925 Fan Parameters

Model Number: 8317072925

Motor Model: M4E074-EI

Manufacturer: ebmpapst

Type: AC Axial Fan (Sickled blades, S series, with guard grille)

Impeller Size: 400 mm

Dimensions: 470 x 470 x 190 mm

Weight: 5.9 kg

Bearing Type: Ball bearing with anti-freezing grease

Phase: 1~

Nominal Voltage: 230 VAC

Frequency: 50 Hz

Method of Obtaining Data: fa (Free air)

Max. Current Draw: 0.73 A

Starting Current: 2.0 A

Max. Power Consumption: 160 W

Rated Speed: 1430 RPM

Max. Air Flow: 1574.4 CFM (2675.0 m<sup>3</sup>/h / 44.58 m<sup>3</sup>/min)

Max. Static Pressure: 15.30 mmH<sub>2</sub>O (150.0 Pa / 0.60 inAq)

Working Air Flow: 2675.0 m<sup>3</sup>/h

Static Pressure Increase: 90.0 Pa

Motor Capacitor: 6.0 μF / 400 VDB

Efficiency Grade N: 42.6

Overall Efficiency η<sub>s</sub>: 31.9%

Number of Blades: 5

Touch Current (IEC 60990): < 0.75 mA

Motor Protection: Thermal overload protector (TOP) wired internally

Electrical Hookup: Via terminal box (integrated capacitor)

Insulation Class: Class F

Degree of Protection: IP44

Protection Class: I (if protective earth is connected)

Humidity Class: F1-2

Impeller Material: Sheet steel, coated in black

Guard Grille Material: Steel, phosphated and coated in black plastic

Rotor Surface: Coated in black

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

Airflow Direction: "V" (Exhaust over struts)

Installation Position: Shaft horizontal or rotor on bottom; rotor on top on request

Condensate Discharge Holes: Rotor-side

Mode: S1

Ambient Temperature (Max.): 40 °C (Transport/Storage: +80 °C)

Min. Operating Temperature: -40 °C (Transport/Storage: -40 °C)

Standard Compliance: EN 60335-1; CE

Approval: CCC; ErP 2015

### Application

The ebmpapst 8317072925 axial fan is the primary cooling component for industrial frequency converters and heat exchangers requiring efficient 230V AC airflow and integrated guard grille protection in low-temperature environments.

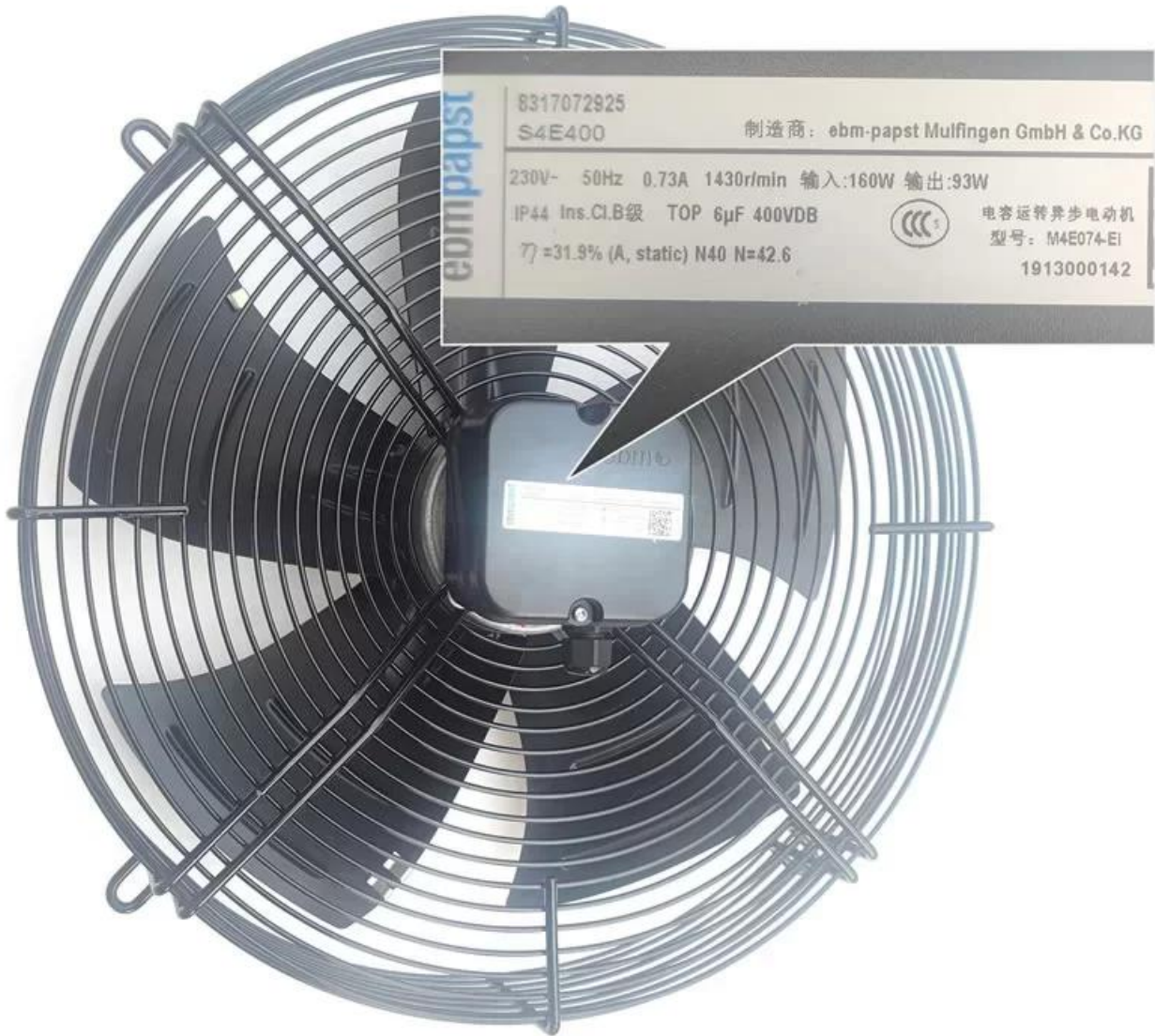
## Product Images

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