

# W4E350-CA06-01 ebmpapst 230V 0.62A 350mm AC Axial Fan

**SKU:** W4E350-CA06-01

**Price:** \$797.68

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/w4e350-ca06-01-ebmpapst-230v-0-62a-350mm-ac-axial-fan/>

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## Product Description

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The ebmpapst W4E350-CA06-01 is a high-performance industrial AC axial fan with a nominal voltage of 230 VAC and dimensions of 460 x 460 x 84.5 mm, specifically engineered for space-constrained thermal management in commercial refrigeration and HVAC systems. Driven by a robust single-phase M4E068-EC external rotor motor with a power consumption of 140 W at 50 Hz and 195 W at 60 Hz, this unit features a heavy-duty dual ball bearing system designed for continuous S1 duty. Its aerodynamic design with a 350 mm sheet steel impeller delivers powerful air circulation in a compact form factor, reaching a rated speed of 1390 RPM at 50 Hz. Built with a galvanized sheet-steel housing and guard grille coated in black plastic (RAL 9005), this 5.7 kg fan provides a dependable and weather-resistant cooling solution with IP44 protection and H1 environmental class for commercial condensers, heat pumps, and industrial ventilation infrastructure at the end.

W4E350-CA06-01 Fan Parameters

Model Number: W4E350-CA06-01

Manufacturer: ebmpapst

Motor Model: M4E068-EC

Series: W4E Series

Type: AC Axial Fan

Impeller Size: 350 mm

Dimensions: 460 x 460 x 84.5 mm

Weight: 5.7 kg

Bearing Type: Ball bearing

Nominal Voltage: 230 VAC (Single-phase)

Voltage Range: 220 - 240 VAC

Frequency: 50 / 60 Hz

Power Consumption: 140 W (50 Hz) / 195 W (60 Hz)

Nominal Current: 0.62 A (50 Hz) / 0.86 A (60 Hz)

Speed: 1390 RPM (50 Hz) / 1550 RPM (60 Hz)

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 Static Pressure: 120 Pa (Max. back pressure @ 50 Hz)

Capacitance: 5.0 μF / 400 VDB (S0)

Motor Design: Single-phase AC external rotor motor

Motor Protection: Thermal overload protector (TOP) internally connected

Insulation Class: Class B

Electrical Hookup: Lateral cable

Number of Blades: 5

Direction of Rotation: Counterclockwise, viewed toward rotor

Airflow Direction: V (Exhaust over struts)

Impeller Material: Sheet steel, painted black

Housing Material: Sheet steel, galvanized and plastic-coated (RAL 9005)

Guard Grille Material: Steel, plastic-coated (RAL 9005)

Installation Position: Shaft horizontal or rotor on bottom

Degree of Protection: IP44

Environmental Protection: H1

Operating Temperature: -25 - +50 °C (50 Hz) / -25 - +30 °C (60 Hz)

Standard Compliance: EN 60034-1; EN 60204-1; EN 60335-1

Approval Agency: CCC; EAC

#### Application

The ebmpapst W4E350-CA06-01 AC fan is primarily utilized in commercial refrigeration condensers, heat pumps, air conditioning units, and small-scale industrial ventilation systems.

## Product Images

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Scan for product details:

