

S4E300-AR26-87 ebmpapst 230V 300mm AC Axial Fan

SKU: S4E300-AR26-87

Price: \$242.27

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/s4e300-ar26-87-ebmpapst-230v-300mm-ac-axial-fan/>

Product Description

The ebmpapst S4E300-AR26-87 is a high-performance industrial AC axial fan with a nominal voltage of 230 VAC and an impeller size of 300 mm, specifically engineered for reliable thermal management in commercial refrigeration and HVAC systems. Driven by a robust single-phase M4E068-CF external rotor motor with a power consumption of 70 W at 50 Hz and 95 W at 60 Hz, this unit features a heavy-duty ball bearing system with anti-freezing grease designed for long-term mechanical stability and continuous S1 duty. Its aerodynamic design with 5 black-coated sheet steel blades delivers efficient air circulation in a "V" direction (exhaust over struts), reaching speeds up to 1570 RPM at 60 Hz. Constructed with a phosphated steel guard grille coated in black plastic and an ABS plastic terminal box, this 3.1 kg fan provides a dependable and weather-resistant cooling solution with IP44 protection and F1-2 humidity class for industrial condensers, heat pumps, and cold storage infrastructure at the end.

S4E300-AR26-87 Fan Parameters

Model Number: S4E300-AR26-87

Manufacturer: ebmpapst

Motor Model: M4E068-CF

Series: S Series

Type: AC Axial Fan

Impeller Size: 300 mm

Weight: 3.1 kg

Bearing Type: Ball bearing with anti-freezing grease

Nominal Voltage: 230 VAC (Single-phase)

Frequency: 50 / 60 Hz

Power Consumption: 70 W (50 Hz) / 95 W (60 Hz)

Nominal Current: 0.32 A (50 Hz) / 0.42 A (60 Hz)
Speed: 1380 RPM (50 Hz) / 1570 RPM (60 Hz)
Max. Air Flow: 62.23 CFM (105.7 m³/h / 1.76 m³/min)
Max. Static Pressure: 9.81 mmH₂O (96.24 Pa / 0.39 inH₂O)
Actual Static Pressure: 60 Pa (50 Hz) / 70 Pa (60 Hz)
Motor Capacitor: 2.0 μF / 400 VDB
Motor Design: Single-phase AC external rotor motor
Motor Protection: Thermal overload protector (TOP) wired internally
Insulation Class: Class B
Electrical Hookup: Terminal box with integrated capacitor
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
Terminal Box Material: ABS plastic, black
Installation Position: Shaft horizontal or rotor on bottom
Degree of Protection: IP44
Humidity Class: F1-2
Operating Temperature: -40 - +55 °C (50 Hz) / -40 - +45 °C (60 Hz)
Storage Temperature: -40 - +80 °C
Standard Compliance: EN 60335-1; CE
Approval Agency: CCC

Application

The ebmpapst S4E300-AR26-87 AC fan is primarily utilized in commercial refrigeration condensers, heat pumps, air conditioning units, and small-scale industrial ventilation systems.

Product Images









Scan for product details:

