

# A2E200-AF02-01 ebmpapst 230V 200mm AC Axial Fan

**SKU:** A2E200-AF02-01

**Price:** \$298.56

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/a2e200-af02-01-ebmpapst-230v-200mm-ac-axial-fan/>

---

## Product Description

---

The ebmpapst A2E200-AF02-01 is a high-performance 230VAC single-phase AC Axial Fan from the A-series, featuring 5 straight sheet steel blades with an Impeller Size of 200 mm and overall Dimensions of 200 x 68.5 mm. Specifically engineered for mission-critical industrial refrigeration and heat exchangers, this unit is driven by the M2E068-CA external rotor motor with maintenance-free ball bearings and a 1.5  $\mu$ F / 400 VDB capacitor connection. Operating on a 230 VAC supply, it delivers a Power Consumption of 50 W (50 Hz) / 61 W (60 Hz) and a Current Draw of 0.24 A / 0.28 A at a rated speed of 2740 / 3120 RPM under free air (fa) conditions. Featuring a rugged black painted rotor surface and H1 moisture protection, it ensures superior thermal management with IP44 protection and an extended service life in continuous S1 environments at the end.

A2E200-AF02-01 Fan Parameters

Model Number: A2E200-AF02-01

Motor Model: M2E068-CA

Manufacturer: ebmpapst

Type: AC Axial Fan - Straight blades (A series)

Impeller Size: 200 mm

Dimensions: 200 x 68.5 mm

Weight: 1.4 kg

Bearing Type: Ball bearing

Nominal Voltage: 230 VAC

Phase: 1~

Frequency: 50 / 60 Hz

Method of Obtaining Data: fa (Free air)

Current Draw: 0.24 / 0.28 A  
Starting Current: 0.53 / 0.53 A  
Power Consumption: 50 / 61 W  
Rated Speed: 2740 / 3120 RPM  
Max. Air Flow: 535.6 / 609.2 CFM (910.0 / 1035.0 m<sup>3</sup>/h / 15.17 / 17.25 m<sup>3</sup>/min)  
Max. Static Pressure: 20.39 / 20.39 mmH<sub>2</sub>O (200.0 / 200.0 Pa / 0.80 / 0.80 inAq)  
Capacitor: 1.5 µF / 400 VDB  
Number of Blades: 5  
Impeller Material: Sheet steel, painted black  
Rotor Surface: Painted black  
Direction of Airflow: "V"  
Direction of Rotation: Counterclockwise (viewed toward rotor)  
Insulation Class: "B"  
Degree of Protection: IP44  
Environmental Protection Class: H1  
Touch Current: < 0.75 mA  
Motor Protection: Thermal overload protector (TOP) internally connected  
Installation Position: Shaft horizontal or rotor on bottom  
Condensation Drainage Holes: On rotor side  
Mode: S1  
Protection Class: I  
Max. Ambient Temperature: 75 / 75 ° C  
Min. Ambient Temperature: -25 ° C  
Max. Storage Temperature: +80 ° C  
Min. Storage Temperature: -40 ° C  
Standard Compliance: EN 60335-1; CE  
Approval: CCC; EAC

#### Application

The ebmpapst A2E200-AF02-01 fan is the primary cooling component for industrial refrigeration condensers, high-performance heat exchangers, and ventilation systems requiring compact 230V single-phase axial airflow with a 5-blade straight impeller configuration.

## Product Images

---







---

Scan for product details:

