

# W2E208-BA20-51 ebmpapst 230V AC Axial Fan

**SKU:** W2E208-BA20-51

**Price:** \$394.72

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.elecspares.com/product/w2e208-ba20-51-ebmpapst-230v-ac-axial-fan/>

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## Product Description

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The ebmpapst W2E208-BA20-51 is an AC Axial Fan driven by an M2E068-CF motor, with a size of 208mm. It operates on 230VAC at both 50Hz and 60Hz frequencies. At 50Hz, it draws 0.33A of current with 67W power and runs at 2750RPM, achieving a maximum back pressure of 135 Pa. At 60Hz, it draws 0.39A with 87W power and runs at 3100RPM, achieving a maximum back pressure of 165 Pa. The impeller is made of fibreglass-reinforced Plastic PA66 with 5 blades, and the wall ring is die-cast aluminium, coated in black. It rotates counter-clockwise when viewed toward the rotor. This fan features a robust ball bearing system, is IP44 rated, and connects via terminal strips with an integrated capacitor. It operates efficiently in ambient temperatures ranging from -25 to 72°C and includes an internally wired Thermal Overload Protector (TOP). It conforms to EN 60335-1 and CE standards and has UL 507 and CSA C22.2 Nr.113 approvals. This fan is suitable for various cooling applications in industrial equipment and ventilation systems.

### W2E208-BA20-51 Fan Parameters

Model: W2E208-BA20-51

Manufacturer: ebmpapst

Type: AC Axial Fan

Motor: M2E068-CF

Phase: 1~

Dimensions: 208 mm

Nominal Voltage: 230 VAC

Frequency: 50/60 Hz

Speed: 2750/3100 RPM

Power Consumption: 67/87 W

Current Draw: 0.33/0.39 A

Starting Current: 0.92/0.86 A

Motor Capacitor: 1.5  $\mu$ F  
Capacitor Voltage: 400 V  
Capacitor Standard: P0 (CE)  
Min. Back Pressure: 0 Pa  
Max. Back Pressure: 135/165 Pa  
Mass: 2.7 kg  
Rotor Surface: Coated in black  
Impeller Material: Plastic PA66, fibreglass-reinforced  
Wall Ring Material: Die-cast aluminium, coated in black  
Number of Blades: 5  
Direction of Airflow: V  
Direction of Rotation: Counter-clockwise, seen on rotor  
IP Rating: IP44  
Insulation Class: F  
Humidity Class: F0  
Min Operating Temperature: -25 °C  
Max Operating Temperature: 72 °C  
Max Permissible Ambient Motor Temp. (Transport/Storage): 80 °C  
Min Permissible Ambient Motor Temp. (Transport/Storage): -40 °C  
Mounting Position: Any  
Condensate Discharge Holes: None  
Operation Mode: S1  
Motor Bearing: Ball bearing  
Touch Current: < 0.75 mA  
Electrical Leads: Via terminal strips, integrated capacitor connected via terminal strips  
Motor Protection: Thermal overload protector (TOP) wired internally  
Cable Exit: Lateral  
Protection Class: I (if protective earth is connected by customer)  
Conformity with Standards: EN 60335-1, CE  
Approval: UL 507, CSA C22.2 Nr.113  
Application: Industrial equipment, ventilation systems.

## Product Images

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Scan for product details:

