

# W2E200-HH38-12 ebm-papst 230VAC 225x225x80mm Axial Fan Datasheet



**Brand:** ebmpapst

**SKU:** 771050793542

**Category:** Axial & Centrifugal Fans

**Price:** **\$569.99**

---

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

**Web:** <https://www.equipspares.com>

---

Product Page:

<https://www.equipspares.com/product/w2e200-hh38-12-ebm-papst-230vac-225x225x80mm-axial-fan>

---

## Product Description

---

The ebm-papst W2E200-HH38-12 is a robust AC axial fan engineered for demanding thermal regulation environments requiring substantial airflow and structural durability. Featuring a rugged die-cast aluminum housing and a sheet steel impeller, this unit ensures high structural rigidity and vibration resistance. The external rotor motor design facilitates superior heat dissipation, reducing thermal impedance while maintaining consistent aerodynamic performance. Equipped with maintenance-free ball bearings, it operates efficiently across a broad temperature range, making it ideal for continuous duty applications where reliability and ingress protection are paramount.

Model Number: W2E200-HH38-12

Brand: ebm-papst

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.29 / 0.35 A

Power Consumption: 64 / 80 W

Rated Speed: 2550 / 2880 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 503.2 / 576.8 CFM (855 / 980 m<sup>3</sup>/h)

Max. Static Pressure: 0.36 / 0.44 inH<sub>2</sub>O (90 / 110 Pa)

Dimensions: 225 x 225 x 80 mm

Weight: 2.1 kg

Life Expectancy: 40,000 Hours (at 40°C)

Noise Level: 61 / 64 dB(A)

Housing Material: Die-Cast Aluminum

Impeller Material: Sheet Steel, Black Coated

Ingress Protection: IP44

Insulation Class: Class B

Motor Type: M2E068-CF External Rotor

Direction of Rotation: Counter-clockwise seen on rotor

Mounting Orientation: Any

Operating Temperature: -25 to +65 °C (50Hz) / -25 to +70 °C (60Hz)

Termination: Terminal Block

Approvals: VDE, CSA, UL, CE

Phase: Single Phase

This cooling solution is specifically designed for high-density industrial electronics, including large-scale power inverters and variable frequency drive (VFD) cabinets where heat dissipation is critical. The W2E200-HH38-12 provides the necessary static pressure to force air through dense fin stacks found in server racks and industrial automation enclosures. Additionally, the W2E200-HH38-12 is widely utilized in telecommunication base stations, welding machines, and medical instrumentation where reliable thermal management is essential for component longevity and system stability.

## Supplemental Images

---

