

D2E146-AP47-B8 ebm-papst 230VAC 146mm Centrifugal Blower Datasheet



Brand: ebmpapst

SKU: [631573396243](#)

Category: Axial & Centrifugal Fans

Price: **\$921.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/d2e146-ap47-b8-ebm-papst-230vac-146mm-centrifugal-blower>

Product Description

The ebm-papst D2E146-AP47-B8 is a robust AC Centrifugal Blower engineered for high-pressure industrial air movement applications. This unit features a highly efficient M2E068-EC single-phase AC motor integrated with a precision-balanced double inlet impeller. Constructed with galvanized sheet steel, the housing ensures superior structural rigidity and corrosion resistance in demanding environments. The system utilizes maintenance-free ball bearings to minimize friction and thermal impedance, ensuring prolonged operational stability. Designed with forward-curved blades, the D2E146-AP47-B8 optimizes aerodynamic performance while maintaining low noise emissions, making it an ideal solution for systems requiring reliable thermal management and consistent airflow delivery.

Model Number: D2E146-AP47-B8

Brand: ebm-papst

Product Type: AC Centrifugal Blower (Double Inlet)

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.68 / 0.78 A

Power Input: 155 / 175 W

Rated Speed: 1850 / 2100 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 570.9 CFM (970 m³/h / 16.17 m³/min)
Max. Static Pressure: 30.59 mmH₂O (300 Pa / 1.20 inH₂O)
Impeller Diameter: 146 mm
Motor Type: M2E068-EC
Capacitor: 4 µF / 400 VDB
Weight: 4.2 kg
Life Expectancy: 40,000 Hours
Insulation Class: B
Motor Protection: Thermal Overload Protector (TOP)
Housing Material: Galvanized Sheet Steel
Impeller Material: Galvanized Sheet Steel
Operating Temperature: -25 to +50 °C
Mounting Orientation: Any
Phase: Single Phase
Compliance: CE, CCC

The D2E146-AP47-B8 is frequently deployed in critical ventilation and climate control systems where space is limited but high airflow is required. Common implementations include industrial cabinet cooling, heat exchangers, and cleanroom filtration units. The D2E146-AP47-B8 is also utilized in commercial range hoods and duct fans, providing consistent air exchange for telecom infrastructure and server room cooling arrays. Its robust steel construction makes it suitable for machinery requiring sustained thermal regulation.

Supplemental Images

