

# D2E133-AM47-01 ebm-papst 230VAC 133mm Centrifugal Blower Datasheet



**Brand:** ebmpapst

**SKU:** [685214926892](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$334.99**

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

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

Product Page:

<https://www.equipspares.com/product/d2e133-am47-01-ebm-papst-230vac-133mm-centrifugal-blower>

## Product Description

The ebm-papst D2E133-AM47-01 is a robust AC centrifugal blower engineered for high-pressure industrial cooling applications. Utilizing an advanced external rotor motor design, this unit integrates the motor directly into the impeller, optimizing aerodynamic efficiency and reducing overall structural dimensions. The fan features a dual-inlet configuration with forward-curved blades, constructed from galvanized sheet steel to ensure structural rigidity and corrosion resistance. Its bearing architecture employs maintenance-free ball bearings, ensuring long-term reliability and low thermal impedance even under continuous operation. This design minimizes vibration transmission while maximizing airflow throughput, making it an ideal solution for thermal management in demanding environments.

Model Number: D2E133-AM47-01

Brand: ebm-papst

Product Type: AC Centrifugal Blower (Dual Inlet)

Motor Type: M2E068-DF

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.36 / 0.40 A

Power Consumption: 80 / 95 W

Rated Speed: 1500 / 1650 RPM

Max. Air Flow: 353.1 CFM (600 m<sup>3</sup>/h / 10.0 m<sup>3</sup>/min)  
Max. Static Pressure: 14.05 mmH<sub>2</sub>O (138 Pa / 0.55 inH<sub>2</sub>O)  
Capacitor: 3 μF / 400 VDB  
Impeller Diameter: 133 mm  
Bearing Type: Ball Bearing  
Housing Material: Galvanized Sheet Steel  
Impeller Material: Hot-Galvanized Sheet Steel  
Insulation Class: B  
Ingress Protection: IP44  
Motor Protection: Thermal Overload Protector (TOP)  
Operating Temperature: -25°C to +55°C  
Mounting Orientation: Any  
Electrical Connection: Terminal Block / Lead Wires  
Weight: 3.5 kg  
Compliance: CE, CCC

This high-performance blower is specifically calibrated for applications requiring substantial static pressure and consistent airflow. The D2E133-AM47-01 is frequently utilized in variable frequency drive (VFD) cooling systems, ensuring power electronics remain within safe thermal operating limits. Additionally, the D2E133-AM47-01 serves as a critical component in clean room technology, industrial ventilation units, and server rack cooling assemblies where space is constrained but high air volume is mandatory.

## Supplemental Images

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