

# D2E146-HT67-02 ebmpapst 230V 146mm AC Centrifugal Blower

**SKU:** D2E146-HT67-02

**Price:** \$269.99

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/d2e146-ht67-02-ebmpapst-230v-146mm-ac-centrifugal-blower/>

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## Product Description

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The ebmpapst D2E146-HT67-02 is a high-performance 230VAC single-phase AC Centrifugal Blower featuring a dual-intake design with forward-curved impellers and a flanged PP plastic housing. Driven by the M2E068-EC external rotor motor with maintenance-free ball bearings and an integrated 8  $\mu$ F / 450 VDB S2-class capacitor, this 146 mm impeller size blower is specifically engineered for mission-critical industrial ventilation, medical equipment, and premium kitchen range hoods. Operating on a 230 VAC supply, it offers 4 speed levels, delivering a Power Consumption of 355 W / 400 W and a Current Draw of 1.55 A / 1.75 A at rated speeds of 1850 / 2100 RPM. Featuring a motor with vibration-damped mounting on both sides and a rugged black PP terminal box for plug-and-play connectivity, it ensures superior aerodynamic efficiency, low noise emissions, and reliable continuous S1 service in dry environments at the end.

D2E146-HT67-02 Fan Parameters

Model Number: D2E146-HT67-02

Motor Model: M2E068-EC

Manufacturer: ebmpapst

Type: AC Centrifugal Fan - Forward-curved, dual-intake with housing (flange)

Impeller Size: 146 mm

Dimensions: 220 x 216 x 199 mm

Weight: 3.4 kg

Bearing Type: Ball bearing

Nominal Voltage: 230 VAC

Phase: 1~

Frequency: 50 / 60 Hz

Method of Obtaining Data: ml (Max. load)

Current Draw: 1.55 / 1.75 A

Starting Current: 1.80 / 1.90 A

Power Consumption: 355 / 400 W

Rated Speed: 1850 / 2100 RPM

Max. Air Flow: 623.9 / 682.8 CFM (1060.0 / 1160.0 m<sup>3</sup>/h / 17.67 / 19.33 m<sup>3</sup>/min)

Min. Back Pressure: 0.00 / 20.39 mmH<sub>2</sub>O (0.0 / 200.0 Pa / 0.00 / 0.80 inAq)

Capacitor: 8.0 µF / 450 VDB (S2 safety protection class)

Housing Material: PP plastic, black

Impeller Material: Sheet steel, hot-dip galvanized

Terminal Box Material: PP plastic, black

Rotor Surface: Partly cast in aluminum

Speed Levels: 4

Direction of Rotation: Counter-clockwise (viewed toward rotor)

Motor Suspension: Motor vibration-damped on both sides

Insulation Class: "F"

Degree of Protection: IP20

Moisture (F) / Environmental (H) Protection Class: H0 - dry environment

Touch Current: < 0.75 mA (acc. IEC 60990, Fig. 4, TN system)

Motor Protection: Thermal overload protector (TOP) internally connected

Condensation Drainage Holes: None, open rotor

Electrical Hookup: With plug; Via terminal box (capacitor integrated and connected)

With Cable: Variable

Installation Position: Any

Mode: S1 (Continuous operation)

Protection Class: I (with customer connection of protective earth)

Max. Ambient Temperature: 55 / 50 °C

Min. Ambient Temperature: -25 °C

Max. Storage Temperature: +80 °C

Min. Storage Temperature: -40 °C

Standard Compliance: EN 60335-2-31; CE

Approval: CCC; VDE; EAC

#### Application

The ebmpapst D2E146-HT67-02 blower is the primary air-moving solution for high-end kitchen range hoods, medical filtration systems, and industrial ventilation requiring multi-speed 230V single-phase centrifugal airflow in a 146mm configuration.

## Product Images

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Scan for product details:

