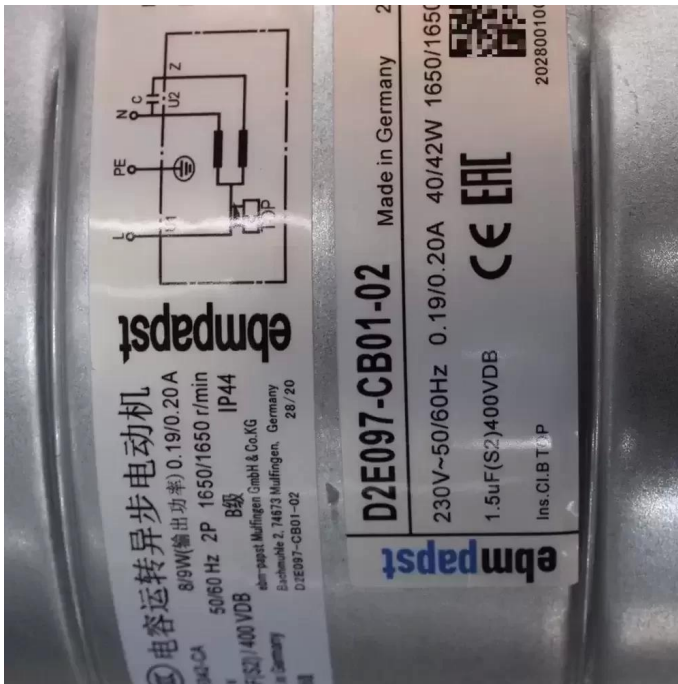


D2E097-CB01-02 ebmpapst 230VAC 97mm Dual Inlet Centrifugal Blower Datasheet



Brand: ebmpapst

SKU: 1013281121298

Category: Axial & Centrifugal Fans

Price: \$2,790.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/d2e097-cb01-02-ebmpapst-230vac-97mm-dual-inlet-centrifugal-blower>

Product Description

The ebmpapst D2E097-CB01-02 is a high-efficiency AC Dual Inlet Centrifugal Blower designed for demanding industrial applications. Engineered with an advanced external rotor motor (M2E052 series), this unit features a robust galvanized sheet steel housing and impeller, ensuring exceptional structural rigidity and corrosion resistance. The aerodynamic scroll design optimizes airflow while minimizing acoustic noise, resulting in a low thermal impedance profile. Equipped with precision maintenance-free ball bearings, the motor ensures long-term reliability and consistent performance under continuous operation. The unit integrates thermal overload protection, making it suitable for critical cooling systems requiring stable static pressure and high volumetric efficiency.

Model Number: D2E097-CB01-02

Brand: ebmpapst

Product Type: Dual Inlet Centrifugal Blower

Motor Type: AC External Rotor Motor (M2E052-CA)

Rated Voltage: 230VAC

Frequency: 50/60 Hz

Power Input: 42 W

Rated Current: 0.19 A

Rated Speed: 1950 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 194.2 CFM (330 m³/h)

Max. Static Pressure: 12.2 mmH₂O (120 Pa)

Impeller Diameter: 97mm

Housing Material: Galvanized Sheet Steel

Impeller Material: Galvanized Sheet Steel

Capacitor: 1.5 μ F / 400 VDB

Insulation Class: B

Ingress Protection: IP44

Motor Protection: Thermal Overload Protector (TOP) wired internally

Operating Temperature: -25°C to +55°C

Mounting Orientation: Any

Weight: 1.5 kg

Compliance: CE, CCC

Designed for versatility, the D2E097-CB01-02 is frequently utilized in medical ventilation systems, industrial cabinet cooling, and precision electronic heat dissipation. Its compact scroll housing allows for integration into tight spaces within CNC machinery and telecom infrastructure. The D2E097-CB01-02 provides reliable air movement for heat exchangers and filtration units, ensuring optimal operating temperatures for sensitive components in continuous-duty environments.

Supplemental Images

