

G2E140-AG02-05 ebm-papst 230VAC 140mm 200W Centrifugal Blower Datasheet



Brand: ebmpapst

SKU: [771197923164](#)

Category: Axial & Centrifugal Fans

Price: **\$1,307.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/g2e140-ag02-05-ebm-papst-230vac-140mm-200w-centrifugal-blower>

Product Description

The ebm-papst G2E140-AG02-05 is a Centrifugal Blower engineered for high-efficiency combustion and industrial air movement applications. Utilizing an advanced single-phase AC external rotor motor, this unit delivers consistent torque and optimized aerodynamic performance through its forward-curved impeller design. The construction features a rugged die-cast aluminum housing paired with a galvanized sheet steel impeller, ensuring structural rigidity and superior thermal impedance under continuous operation. Designed for precision, the G2E140-AG02-05 integrates maintenance-free ball bearings to minimize frictional losses and extend service life, making it an ideal solution for systems requiring reliable static pressure generation and effective heat dissipation in demanding environments.

Model Number: G2E140-AG02-05

Brand: ebm-papst

Product Type: AC Centrifugal Blower (Single Inlet)

Rated Voltage: 230 VAC

Frequency: 50 Hz

Rated Power: 200 W

Rated Current: 0.88 A

Rated Speed: 2550 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 205 CFM (348 m³/h)

Max. Static Pressure: 1.57 inH₂O (390 Pa)

Impeller Diameter: 140mm

Housing Material: Die-cast Aluminum

Impeller Material: Sheet Steel, Hot-dip Galvanized

Insulation Class: Class B

Ingress Protection: IP44

Motor Protection: Thermal Overload Protector (TOP) wired internally

Capacitor: 4 µF / 450 VDB

Operating Temperature: -25°C to +60°C

Mounting Orientation: Any

Weight: 2.4 kg

Phase: Single Phase

Termination: Lead Wires

This high-performance blower is specifically calibrated for combustion air supply in residential and commercial heating systems, including A.O. Smith water heaters where the G2E140-AG02-05 ensures optimal fuel-to-air ratios. Beyond water heating, the G2E140-AG02-05 is widely utilized in gas boilers, pellet stoves, and industrial hot air generators requiring precise airflow control. Its robust design also suits electronics cooling in server racks and ventilation in telecommunications cabinets where space and pressure requirements are critical.

Supplemental Images

