

G2E108-AG63-01 ebmpapst 230V 108mm AC Centrifugal Fan

SKU: G2E108-AG63-01

Price: \$379.26

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/g2e108-ag63-01-ebmpapst-230v-108mm-ac-centrifugal-fan/>

Product Description

The ebmpapst G2E108-AG63-01 is a high-performance compact AC centrifugal fan with a nominal voltage of 230 VAC and an impeller size of 108 mm, specifically engineered for precision air delivery in heating technology and industrial cooling. Driven by a robust single-phase M2E052-BF external rotor motor with a power consumption of 30 W at 50 Hz and 35 W at 60 Hz, this unit features a heavy-duty ball bearing system designed for long-term mechanical stability and continuous S1 duty. Its aerodynamic design with a forward-curved hot-galvanised sheet steel impeller delivers efficient airflow even at zero back pressure, maintaining a consistent speed of 1850 RPM across both frequencies. Constructed with a durable die-cast aluminium housing and featuring a rotor surface partially cast in aluminium, this 1.41 kg fan provides a dependable and thermally stable air-moving solution with IP44 protection and Class B insulation for gas boilers, ventilation systems, and medical laboratory infrastructure at the end.

G2E108-AG63-01 Fan Parameters

Model Number: G2E108-AG63-01

Manufacturer: ebmpapst

Motor Model: M2E052-BF

Series: G Series

Type: AC Centrifugal Fan (Single inlet)

Impeller Size: 108 mm

Weight: 1.41 kg

Bearing Type: Ball bearing

Nominal Voltage: 230 VAC (Single-phase)

Frequency: 50 / 60 Hz

Power Consumption: 30 W (50 Hz) / 35 W (60 Hz)

Nominal Current: 0.14 A (50 Hz) / 0.16 A (60 Hz)
Speed: 1850 RPM (50 / 60 Hz)
Max. Air Flow: 62.23 CFM (105.7 m³/h / 1.76 m³/min)
Max. Static Pressure: 9.81 mmH₂O (96.24 Pa / 0.39 inH₂O)
Min. Back Pressure: 0 Pa
Motor Capacitor: 1.0 μF / 400 VDB (P0 CE standard)
Motor Design: Single-phase AC external rotor motor
Motor Protection: Thermal overload protector (TOP) wired internally
Insulation Class: Class B
Electrical Hookup: Cable, 4-core
Direction of Rotation: Clockwise, viewed toward rotor
Impeller Material: Sheet steel, hot-galvanised
Housing Material: Die-cast aluminium
Rotor Surface: Partially cast in aluminium
Installation Position: Any
Degree of Protection: IP44
Operating Temperature: -25 - +85 °C (50 Hz) / -25 - +80 °C (60 Hz)
Storage Temperature: -40 - +80 °C
Standard Compliance: EN 60335-1; CE
Approval Agency: CCC

Application

The ebmpapst G2E108-AG63-01 AC centrifugal fan is primarily utilized in wall-mounted gas boilers, medical equipment ventilation, laboratory fume extraction, and localized electronic cooling in industrial cabinets.

Product Images









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