

RLG108/4200C1-3030LH/4-C4 ebmpapst 230V AC Centrifugal Blower

SKU: RLG108/4200C1-3030LH/4-C4

Price: \$97.14

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/rlg108-4200c1-3030lh-4-c4-ebmpapst-230v-ac-centrifugal-blower/>

Product Description

The ebmpapst RLG108/4200C1-3030LH/4-C4 is a high-performance AC centrifugal blower engineered for specialized industrial heating and ventilation applications requiring high static pressure. This unit features a robust 108 mm centrifugal impeller housed in a precision die-cast aluminum scroll casing, driven by a high-torque 230 VAC motor. Specifically rated with an input power of 57 W and an output of 8.55 W, the motor operates at a nominal current of 0.46 A, delivering a consistent speed of 2350 RPM. Its specialized forward-curved galvanized steel impeller is optimized for concentrated air discharge through a side-mounted outlet, making it exceptionally effective in gas burner systems and industrial dryers. Designed for S1 continuous operation, the blower incorporates premium ball bearings and integrated thermal protection to ensure long-term reliability and stable airflow performance across demanding operating conditions.

RLG108/4200C1-3030LH/4-C4 Fan Parameters

Model Number: RLG108/4200C1-3030LH/4-C4

Manufacturer: ebmpapst

Type: AC Centrifugal Blower

Impeller Size: 108 mm

Weight: 1.4 kg

Bearing Type: Ball bearing

Nominal Voltage: 230 VAC

Voltage Range: 200 - 240 VAC

Phase: 1~

Frequency: 50 Hz

Input Power (P1): 57 W

Output Power (P2): 8.55 W

Nominal Current: 0.46 A

Speed: 2350 RPM

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)

Actual Air Flow: 155 m³/h

Actual Static Pressure: 185 Pa

Sound Power Level: 6.0 Bel(A)

Motor Design: External rotor motor with scroll housing

Motor Protection: Thermal overload protection (internally connected)

Insulation Class: Class F

Electrical Hookup: Lead wires

Number of Blades: Multi-blade forward curved

Direction of Rotation: Clockwise, viewed toward rotor

Airflow Direction: Lateral intake, concentrated exhaust through housing outlet

Impeller Material: Sheet steel, galvanized

Housing Material: Die-cast aluminum

Installation Position: Any

Degree of Protection: IP20

Operating Temperature: -20 - +70 °C

Service Life (L10 @ 40 °C): 40000 h

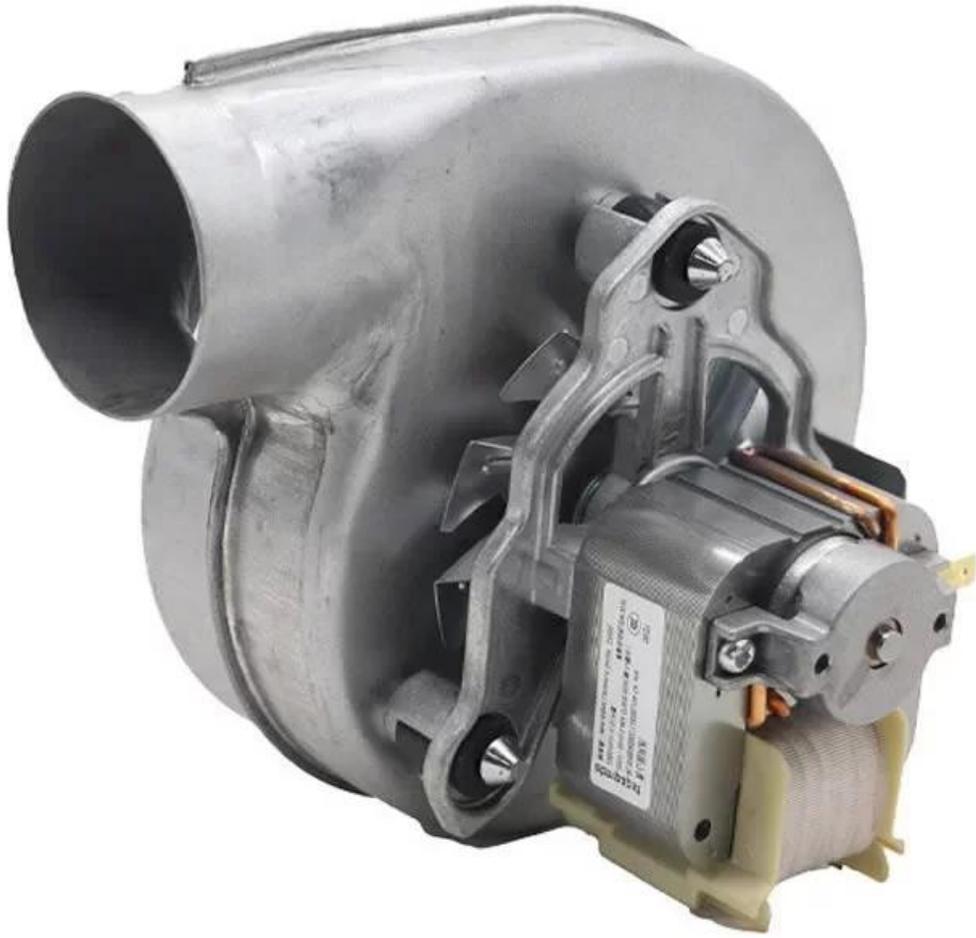
Standard Compliance: EN 60335-1, CE

Approval Agency: VDE, CCC

Application

The ebmpapst RLG108 series centrifugal blower is primarily utilized in gas-fired boilers, pellet heating systems, specialized industrial dryers, and compact electronic enclosure cooling where high back pressure must be overcome.

Product Images









ebmpapst RLG108/4200C1-3030LH/4-C4 ane
230V~ 0.46A 50Hz 57W/8.55W(输入/输出)
In.CLH级 2350rpm
罩极电动机: EM3030
制造商: ebm-papst Landshut GmbH CN(N)

Scan for product details:

