

RL65-21/14H ebmpapst 24V 0.75A 18W DC Centrifugal Blower

SKU: RL65-21/14H

Price: \$88.81

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/rl65-21-14h-ebmpapst-24v-0-75a-18w-dc-centrifugal-blower/>

Product Description

The ebmpapst RL65-21/14H is a compact DC Centrifugal Blower measuring 93.5x97x33mm. It operates on 24 VDC, with a power consumption of 18 W and a current draw of 0.75 A. This blower achieves a speed of 4900 RPM and provides an airflow of 61 m³/h (equivalent to 35.9 CFM). Its noise level is 66 dB(A). It features a durable ball bearing system and connects via 2 wire leads. The scroll housing and impeller are made of fiberglass-reinforced plastic. It has an IP20 ingress protection rating. This blower is designed with axial air intake and centrifugal air exhaust, featuring an electronically commutated external rotor motor with integrated commutation electronics and protection against reverse polarity and overloading. It is commonly used in applications such as respirators, air handling units, range hoods, air filter units, residential ventilation systems, and fan filter units for cleanrooms.

RL65-21/14H Fan Parameters

Model: RL65-21/14H

Manufacturer: ebmpapst

Type: DC Centrifugal Blower

Dimensions: 93.5 x 97 x 33 mm

Supply Voltage: 24 VDC

Operating Voltage Range: 12 to 26.4 VDC

Power Consumption: 18 W

Rated Current: 0.75 A

Airflow: 61 m³/h (35.9 CFM)

Speed: 4900 RPM

Noise Level: 66 dB(A)

Bearing Type: Ball Bearing

Termination: 2 Wire Leads

Impeller Material: Fiberglass-reinforced plastic

Housing Material: Fiberglass-reinforced plastic

Mounting Hole Spacing: 71 x 71 mm

Insulation Class: F

Protection Level: IP20

Operating Temperature: -20 to 60°C

Weight: 170 g (0.37 lb)

Motor Type: Electronically commutated external rotor motor

Motor Protection: Electronic protection against reverse polarity and overloading

Direction of Airflow: Axial air intake, centrifugal air exhaust out of the outlet

Direction of Rotation: Clockwise (seen on rotor, some sources may state forward curved impeller)

Approvals: CSA, UL, VDE

Application: Respirators, air handling units, range hoods, air filter units, residential ventilation systems, fan filter units for cleanrooms, data centers.

Product Images







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