

PMB2497PYB1-AY.(2).GN Sunon 24V DC Centrifugal Blower 97mm

SKU: PMB2497PYB1-AY.(2).GN

Price: \$18.05

Categories: Fans

Tags: SUNON

Product Link:

<https://www.electspares.com/product/pmb2497pyb1-ay-2-gn-sunon-24v-dc-centrifugal-blower-97mm/>

Product Description

The Sunon PMB2497PYB1-AY.(2).GN is a high-pressure DC Centrifugal Blower with dimensions of 97 x 94 x 33 mm. It operates on a nominal voltage of 24 VDC. The fan achieves a speed of 3600 RPM, consuming 9.4 W of power and drawing a maximum current of 0.39 A. It delivers a maximum air flow of 51.8 m³/h (30.5 CFM) and a maximum static pressure of 229.0 Pa (0.92 inAq). This two-wire blower features a durable Ball Bearing system, making it ideal for continuous, high-impedance cooling systems where powerful air movement is necessary.

PMB2497PYB1-AY.(2).GN Fan Parameters

Model: PMB2497PYB1-AY.(2).GN

Manufacturer: Sunon

Type: DC Centrifugal Blower

Dimensions (measuring): 97 x 94 x 33 mm

Nominal Voltage: 24 VDC

Voltage Range: 14 VDC ~ 27.6 VDC

Speed: 3600 RPM

Power Consumption: 9.4 W

Current Draw: 0.39 A

Max. Airflow: 51.8 m³/h (30.5 CFM)

Max. Static Pressure: 229.0 Pa (0.92 inAq)

Noise Level: 55.8 dB(A)

Weight: 185 g

Housing Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Bearing Type: Ball Bearing

Motor Design: Brushless DC Motor

Motor Protection: Locked Rotor Protection, Auto-Restart

Termination: 2 Wire Leads

Service Life L10 at 40 °C: 70000 h

Min. Ambient Temperature: -10 °C

Max. Ambient Temperature: 70 °C

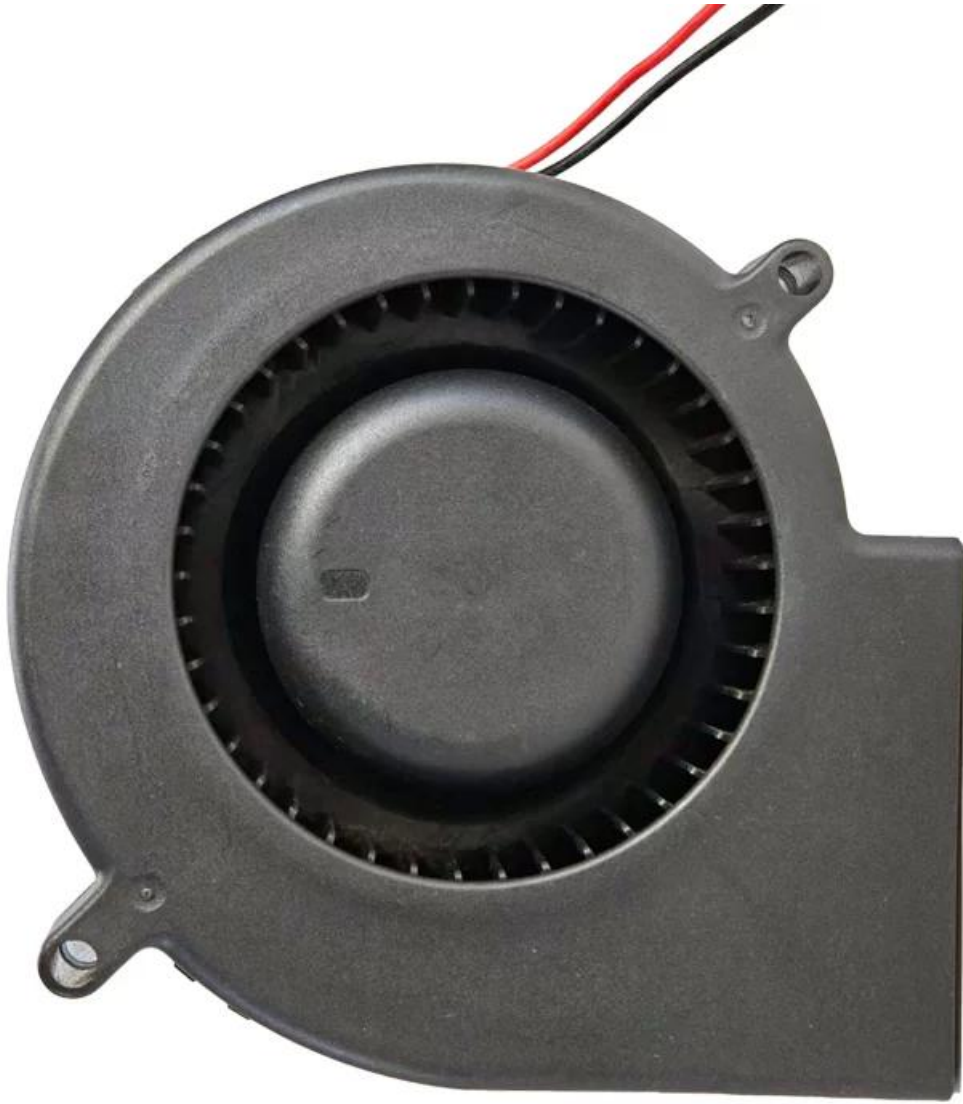
Approvals: UL, cUL, TUV, CE

Application

The Sunon PMB2497PYB1-AY.(2).GN blower is designed specifically for applications requiring high static pressure delivery to overcome resistance from dense components or ducts within 24V DC systems. Primary applications include cooling compact telecom equipment, specialized server blades, networking hardware, and professional instrumentation where longevity is critical.

Product Images









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