

# PMB2497PYB1-AY.(2).GN Sunon 24VDC 97x33mm 9.4W Blower Fan Datasheet



**Brand:** SUNON

**SKU:** [745122794859](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$32.99**

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Product Page:

<https://www.equipspares.com/product/pmb2497pyb1-ay-2-gn-sunon-24vdc-97x33mm-9-4w-blower-fan>

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## Product Description

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The Sunon PMB2497PYB1-AY.(2).GN is a high-static pressure DC Blower Fan engineered for critical thermal management in high-impedance systems. Utilizing a precision ball bearing architecture, this unit significantly reduces friction and thermal impedance, ensuring extended operational longevity and reliability under continuous load. The centrifugal aerodynamic design maximizes air compression, delivering concentrated airflow to dissipate heat effectively in restricted spaces. Constructed with a robust thermoplastic housing, the fan maintains structural rigidity and dimensional stability, making it an optimal solution for industrial environments requiring consistent cooling performance.

Model Number: PMB2497PYB1-AY.(2).GN

Brand: Sunon

Product Type: DC Blower Fan

Rated Voltage: 24VDC

Voltage Range: 10.0 - 27.6 VDC

Power Consumption: 9.40 W

Rated Current: 0.39 A

Rated Speed: 3600 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 30.5 CFM (51.8 m<sup>3</sup>/h / 0.86 m<sup>3</sup>/min)

Max. Static Pressure: 0.92 inH<sub>2</sub>O (229.1 Pa / 23.4 mmH<sub>2</sub>O)

Dimensions: 97mm x 97mm x 33mm

Weight: 185 g

Noise Level: 55.0 dBA

Frame Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP54 (Optional)

Insulation Class: Class A

Motor Protection: Locked Rotor Protection; Polarity Protection

Mounting Orientation: Any

This centrifugal blower is specifically optimized for applications requiring high static pressure, such as variable frequency drives (VFDs) and industrial inverters. The PMB2497PYB1-AY.(2).GN is widely integrated into server rack cooling modules and telecommunications infrastructure where space is limited but heat density is high. Furthermore, the PMB2497PYB1-AY.(2).GN serves as a critical component in medical instrumentation and CNC machinery, providing the directed airflow necessary to maintain safe operating temperatures for sensitive power electronics.

## Supplemental Images

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