

# PMD2408PTV3-A.GN SUNON 24VDC 80x80x25mm MagLev Axial Fan Datasheet



**Brand:** SUNON

**SKU:** [986802643789](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$14.99**

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Product Page:

<https://www.equipspares.com/product/pmd2408ptv3-a-gn-sunon-24vdc-80x80x25mm-maglev-axial-fan>

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## Product Description

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The SUNON PMD2408PTV3-A.GN is a precision-engineered DC axial fan designed for critical thermal management applications requiring high reliability and operational longevity. Utilizing SUNON's proprietary MagLev (Magnetic Levitation) motor technology, this unit eliminates physical contact between the shaft and bearing during operation, significantly reducing friction, vibration, and noise generation. The Vapo bearing system ensures exceptional structural rigidity and maintains a stable oil film, preventing leakage and enhancing thermal impedance characteristics. Constructed with durable thermoplastic materials, the fan delivers consistent airflow performance while withstanding rigorous industrial environments.

Model Number: PMD2408PTV3-A.GN

Brand: SUNON

Product Type: DC Axial Fan

Bearing Type: MagLev Vapo Bearing

Rated Voltage: 24VDC

Voltage Range: 10.0 - 27.6 VDC

Power Consumption: 3.4 W

Rated Current: 0.14 A

Rated Speed: 4200 RPM

Max. Air Flow: 42.0 CFM (71.36 m<sup>3</sup>/h / 1.19 m<sup>3</sup>/min)

Max. Static Pressure: 0.23 inH<sub>2</sub>O (57.2 Pa / 5.84 mmH<sub>2</sub>O)

Noise Level: 36.0 dBA

Dimensions: 80 x 80 x 25 mm

Weight: 91 g

Frame Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Termination: 2-Wire (Red +, Black -)

Wire Gauge: 24 AWG

Ingress Protection: IP5X (Dust Protected)

Safety Certifications: UL, CUR, TUV

Motor Protection: Auto Restart / Polarity Protection

Insulation Class: Class A

Dielectric Strength: 500VAC for 1 Minute

The PMD2408PTV3-A.GN is engineered for high-density electronic enclosures and industrial automation equipment where sustained airflow is paramount. Common deployment scenarios include server rack cooling, telecommunications power supplies, and network switches requiring efficient heat dissipation. The PMD2408PTV3-A.GN is also frequently utilized in medical instrumentation and CNC control panels, ensuring component stability by mitigating thermal hotspots in confined spaces.

## Supplemental Images

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