

# DE1206PHV1.MS.B1751.F.GN SUNON 12VDC 60x60x15mm MagLev Fan Datasheet



**Brand:** SUNON

**SKU:** [989008060316](#)

**Category:** Axial & Centrifugal Fans

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

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Product Page:

<https://www.equipspares.com/product/de1206phv1-ms-b1751-f-gn-sunon-12vdc-60x60x15mm-maglev-fan>

## Product Description

The SUNON DE1206PHV1.MS.B1751.F.GN is a precision-engineered DC axial fan featuring SUNON's proprietary Magnetic Levitation (MagLev) motor technology. This advanced design eliminates physical contact between the shaft and bearing during operation, significantly reducing friction, vibration, and noise while enhancing structural rigidity and thermal impedance management. The unit utilizes a Vapo bearing system, which ensures exceptional rotational stability and extends the operational lifespan beyond traditional bearing architectures. Designed for high-density electronic environments, this 60mm cooling solution delivers optimal airflow-to-noise ratios, making it suitable for critical thermal applications requiring reliable, continuous operation.

Model Number: DE1206PHV1.MS.B1751.F.GN

Brand: SUNON

Product Type: DC Axial Fan

Motor Technology: Brushless DC (BLDC) with MagLev System

Rated Voltage: 12VDC

Voltage Range: 6.0 - 13.8 VDC

Power Consumption: 1.80 W

Rated Current: 0.15 A

Rated Speed: 4300 RPM  $\pm$  15%

Bearing Type: MagLev Vapo Bearing

Max. Air Flow: 21.0 CFM (35.68 m<sup>3</sup>/h / 0.59 m<sup>3</sup>/min)  
Max. Static Pressure: 0.16 inH<sub>2</sub>O (4.06 mmH<sub>2</sub>O / 39.8 Pa)  
Dimensions: 60x60x15 mm  
Weight: 43.0 g  
Noise Level: 32.0 dB(A)  
Termination: 3-Wire (Lead Wire UL1007 #26 AWG)  
Speed Control: Frequency Generator (Tachometer/F-Type)  
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: 60,000 Hours at 40°C  
Insulation Resistance: >10M Ohm at 500VDC  
Dielectric Strength: 500VAC for 1 Minute  
Safety Certifications: UL, CUR, TUV, CE  
Compliance: RoHS Compliant

The DE1206PHV1.MS.B1751.F.GN is engineered for versatile integration into compact electronic assemblies where space and reliability are paramount. Common applications include server rack cooling modules, network switches, industrial power supplies, and medical instrumentation. The DE1206PHV1.MS.B1751.F.GN is also frequently utilized in projector systems and automation control panels, providing consistent thermal regulation to prevent component degradation in enclosed chassis environments.

## Supplemental Images

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