

HA40101V4-000C-999 SUNON 12VDC 40x40x10mm MagLev Axial Fan Datasheet



Brand: SUNON

SKU: [961591695717](#)

Category: Axial & Centrifugal Fans

Price: **\$13.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/ha40101v4-000c-999-sunon-12vdc-40x40x10mm-maglev-axial-fan>

Product Description

The SUNON HA40101V4-000C-999 is a precision-engineered DC Axial Fan designed for applications requiring reliable thermal management within a compact footprint. Utilizing SUNON's proprietary MagLev (Magnetic Levitation) motor technology, this unit eliminates physical contact between the shaft and bearing, significantly reducing friction and noise while extending operational lifespan. The rotor design is optimized for aerodynamic efficiency, ensuring consistent airflow with minimal turbulence. Constructed with high-grade thermoplastic materials to ensure structural rigidity, the HA40101V4-000C-999 delivers superior performance in mitigating thermal impedance in densely packed electronic enclosures. Its ultra-low power consumption of 0.8W makes it an ideal solution for energy-sensitive systems requiring continuous duty cycles.

Model Number: HA40101V4-000C-999

Brand: SUNON

Product Type: DC Axial Fan

Bearing Type: MagLev (Vapo Bearing System)

Rated Voltage: 12VDC

Voltage Range: 4.5 - 13.8 VDC

Power Consumption: 0.80 W

Rated Current: 0.067 A

Rated Speed: 4500 RPM

Max. Air Flow: 5.3 CFM (9.0 m³/h / 0.15 m³/min)
Max. Static Pressure: 2.79 mmH₂O (27.4 Pa / 0.11 inH₂O)
Noise Level: 18.9 dB(A)
Dimensions: 40x40x10mm
Weight: 14.7 g
Life Expectancy: 60,000 Hours at 40°C
Termination: 2-Wire (Red +, Black -)
Wire Length: 300mm (Standard)
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Insulation Resistance: >10M Ohm at 500VDC
Dielectric Strength: 500VAC for 1 Minute
Safety Certifications: UL, CUR, TUV
Motor Protection: Impedance Protected

Designed for critical cooling in compact electronics, the HA40101V4-000C-999 is specifically engineered for surveillance equipment, including Hikvision DVRs and NVRs, where acoustic neutrality is paramount. The fan's silent operation makes it suitable for home theater PCs, small form-factor chassis, and network cabinets requiring continuous airflow without vibration. Additionally, the HA40101V4-000C-999 serves effectively in industrial control units and telecommunications gear, ensuring component stability by preventing heat accumulation in restricted spaces.

Supplemental Images

