

# HA40101V4-D13U-C99 SUNON 12VDC 0.8W 40x40x10mm Axial Fan Datasheet



**Brand:** SUNON

**SKU:** [991731765885](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$12.99**

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Product Page:

<https://www.equipspares.com/product/ha40101v4-d13u-c99-sunon-12vdc-0-8w-40x40x10mm-axial-fan>

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## Product Description

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The SUNON HA40101V4-D13U-C99 is a high-precision DC axial fan engineered for mission-critical thermal management. Utilizing Sunon's proprietary MagLev (Magnetic Levitation) motor technology, this unit eliminates mechanical friction between the shaft and bearing, significantly reducing thermal impedance and acoustic output. The aerodynamic impeller design is optimized for laminar airflow, ensuring structural rigidity under continuous operation. Its Vapo bearing architecture provides superior stability and an extended service life compared to traditional sleeve designs, making it an ideal solution for compact electronic enclosures requiring consistent heat dissipation and minimal vibration.

Model Number: HA40101V4-D13U-C99

Brand: SUNON

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 4.5 - 13.8 VDC

Rated Current: 0.066 A

Power: 0.8 W

Rated Speed: 4500 RPM

Bearing Type: Vapo (MagLev)

Max. Air Flow: 5.3 CFM (9.0 m<sup>3</sup>/h / 0.15 m<sup>3</sup>/min)

Max. Static Pressure: 1.52 mmH<sub>2</sub>O (14.91 Pa / 0.06 inH<sub>2</sub>O)

Noise Level: 18.2 dBA

Dimensions: 40x40x10mm

Weight: 15.6g

Life Expectancy: 60,000 Hours at 40°C

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Termination: 3-Wire Lead (approx. 100mm)

Connector: 3-Pin Standard

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

Protection Features: Auto Restart, Polarity Protection

The HA40101V4-D13U-C99 is specifically designed for integration into space-constrained environments such as network switchgear, compact power supply units, and small-form-factor PC chassis. Due to its ultra-quiet MagLev system, the HA40101V4-D13U-C99 is frequently deployed in medical diagnostic equipment and laboratory instrumentation where acoustic interference must be kept to an absolute minimum. Its reliable 12VDC architecture ensures that the HA40101V4-D13U-C99 remains a preferred choice for 24/7 industrial cooling applications.

## Supplemental Images

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