

HA60151V3-E04C-A99 SUNON 12VDC 0.28W 60x15mm Cooling Fan Datasheet



Brand: SUNON

SKU: [1034704728747](#)

Category: Axial & Centrifugal Fans

Price: **\$21.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ha60151v3-e04c-a99-sunon-12vdc-0-28w-60x15mm-cooling-fan>

Product Description

SUNON HA60151V3-E04C-A99 is a 60 x 15 mm circular frame DC brushless fan operating at a nominal 12 VDC with a power consumption of 0.28 W. The unit features a specialized Vapo bearing system integrated with Dust-Resistant MagLev motor technology, which utilizes magnetic levitation forces to eliminate physical contact between the shaft and bearing. Constructed from thermoplastic PBT rated to UL 94V-0 standards, the fan employs a single-phase 4-pole motor architecture to deliver a rated speed of 3500 RPM. The mechanical design includes a 70 mm outer diameter with a 60 mm bore size, facilitating a 9.7 CFM airflow capacity and a static pressure of 0.03 inch-H₂O while maintaining a low acoustic profile of 14.5 dBA.

HA60151V3-E04C-A99 Specifications

Model Number: HA60151V3-E04C-A99

Brand: SUNON

Product Category: DC Cooling Fan

Nominal Voltage: 12 VDC

Operating Voltage Range: 4.5 to 13.8 VDC

Starting Voltage: 4.5 VDC

Rated Current: 0.023 A

Rated Power: 0.28 W

Rated Speed: 3500 RPM

Airflow: 9.7 CFM
Static Pressure: 0.03 inch-H₂O
Acoustic Noise: 14.5 dBA
Dimensions: 60 x 15 mm
Outer Diameter: 70 mm
Bore Size: 60 mm
Frame Shape: Circular / Round
Bearing Type: Vapo Bearing
Motor Design: Single phase, 4-poles Brushless DC motor
Motor Technology: DR MagLev (Dust-Resistant Magnetic Levitation)
Frame Material: Thermoplastic PBT (UL 94V-0)
Impeller Material: Thermoplastic PBT (UL 94V-0)
Interface: 2 Wires (UL1007, 26 AWG)
Wire Length: 300 mm
Direction of Rotation: Counter-clockwise (viewed from blade)
Operating Temperature: -10 to 70 °C
Storage Temperature: -40 to 70 °C
Weight: 32.5 g
Insulation Resistance: 10M ohm at 500 VDC
Dielectric Strength: 500 VAC for 60 seconds
Safety Approvals: UL, TUV, CE

HA60151V3-E04C-A99 Applications

Primary applications include integration into LED light engines, compact CPU heatsinks, and network router thermal modules. Deployed within HDD video recorders, set-top boxes, and small-form-factor industrial electronics requiring low-noise, friction-free active cooling in dust-sensitive environments.

Supplemental Images

