

# MF40102VX-1Q03C-A99 SUNON DC24V 1.92W axial fan

**SKU:** MF40102VX-1Q03C-A99

**Price:** \$4.99

**Categories:** Fans

**Tags:** SUNON

**Product Link:**

<https://www.electspares.com/product/mf40102vx-1q03c-a99-sunon-dc24v-1-92w-axial-fan/>

---

## Product Description

---

The SUNON MF40102VX-1Q03C-A99 is a compact DC axial fan measuring 40x40x10mm. It operates on 24 VDC, drawing 80 mA of current, with a power consumption of 1.92 W. This fan achieves a high speed of 10000 RPM, providing an airflow of 11 CFM (approximately 18.6 m³/h). Its noise level is 36.8 dB(A). It features a precise Vapo bearing system (MagLev technology) for reliable, quiet operation and extended life. It connects via 2 wire leads. The frame and fan blade materials are thermoplastic PBT with a UL94V-0 flammability rating. The fan also includes automatic restart and polarity protection. It is commonly used for cooling compact electronic components, 3D printer hotends, and other devices in tight spaces that require efficient 24V DC cooling.

MF40102VX-1Q03C-A99 Fan Parameters

Model: MF40102VX-1Q03C-A99

Manufacturer: SUNON

Type: DC Axial Fan

Dimensions: 40x40x10 mm

Rated Voltage: 24 VDC

Operating Voltage Range: 8 to 25.2 VDC

Rated Current: 80 mA

Power Consumption: 1.92 W

Speed: 10000 RPM

Speed Tolerance: ±10%

Airflow: 11 CFM (18.6 m³/h)

Static Pressure: 0.29 inH<sub>2</sub>O (7.3 mmH<sub>2</sub>O)

Noise Level: 36.8 dB(A)

Bearing Type: Vapo Bearing (MagLev technology)

Termination: 2 Wire Leads

Frame Material: Thermoplastic PBT

Fan Blade Material: Thermoplastic PBT

Flammability Rating: UL94V-0

Insulation Class: A

Insulation Resistance: 10 MΩ minimum (at 500 VDC)

Dielectric Strength: 500 VAC for 1 minute

Motor Protection: Automatic Restart

Operating Temperature: -10 to 60°C

Storage Temperature: -40 to 60°C

Expected Life: 60,000 hours (at 40°C, 65% humidity)

Weight: 14.4 g

Application: Compact electronic components, 3D printers, small enclosures.

## **Product Images**

---









---

Scan for product details:

