

109E1324S101 Sanyo Denki 24V 127x127x38mm DC Axial Fan

SKU: 109E1324S101

Price: \$99.79

Categories: Fans

Tags: Sanyo Denki

Product Link:

<https://www.electspares.com/product/109e1324s101-sanyo-denki-24v-127x127x38mm-dc-axial-fan/>

Product Description

The Sanyo Denki 109E1324S101 is a high-performance 24VDC axial fan with dimensions of 127 x 127 x 38 mm, specifically engineered for reliable thermal management in industrial equipment and server enclosures. As part of the San Ace 127 series, this cooling solution features a robust aluminum frame and a specialized 7-blade high-efficiency impeller, optimized for superior aerodynamic throughput and long-term structural stability. It operates at a rated speed of 3,450 min⁻¹, delivering a maximum air flow of 154.0 CFM (261.6 m³/h) and a static pressure of 0.502 inH₂O (125.0 Pa). Equipped with a precision dual ball bearing system and an integrated speed sensor, the 109E1324S101 ensures a reliable service life of 60,000 hours at 60 °C. This model is characterized by its superior build quality and legacy of reliability, making it a critical component for power supplies, telecommunications racks, and medical diagnostic equipment.

109E1324S101 Fan Parameters

Manufacturer: Sanyo Denki

Model Number: 109E1324S101

Type: DC Axial Fan

Series: San Ace 127

Dimensions: 127 x 127 x 38 mm

Weight: 400.07 g

Frame Material: Aluminum

Impeller Material: Plastics (UL 94V-1)

Bearing Type: Dual Ball Bearing

Number of Blades: 7

Rated Voltage: 24 VDC

Operating Voltage Range: 20.4 - 27.6 VDC

Rated Current: 0.53 A

Rated Input Power: 12.72 W

Rated Speed: 3,450 min⁻¹ (RPM)

Max. Air Flow: 154.0 CFM (261.6 m³/h / 4.36 m³/min)

Max. Static Pressure: 0.502 inH₂O (125.0 Pa / 12.75 mmH₂O)

Sound Pressure Level: 49.0 dB(A)

Termination: 3 Lead Wires (300 mm)

Wire Functions: Red (+), Black (-), Yellow (Tachometer)

Control Interface: Pulse Sensor (Tachometer)

Operating Temperature: -20 - +70 °C

Storage Temperature: -30 - +70 °C

Expected Life: 60,000 h (at 60 °C) / 90,000 h (at 40 °C)

Locked Rotor Protection: Supported

Reverse Polarity Protection: Supported

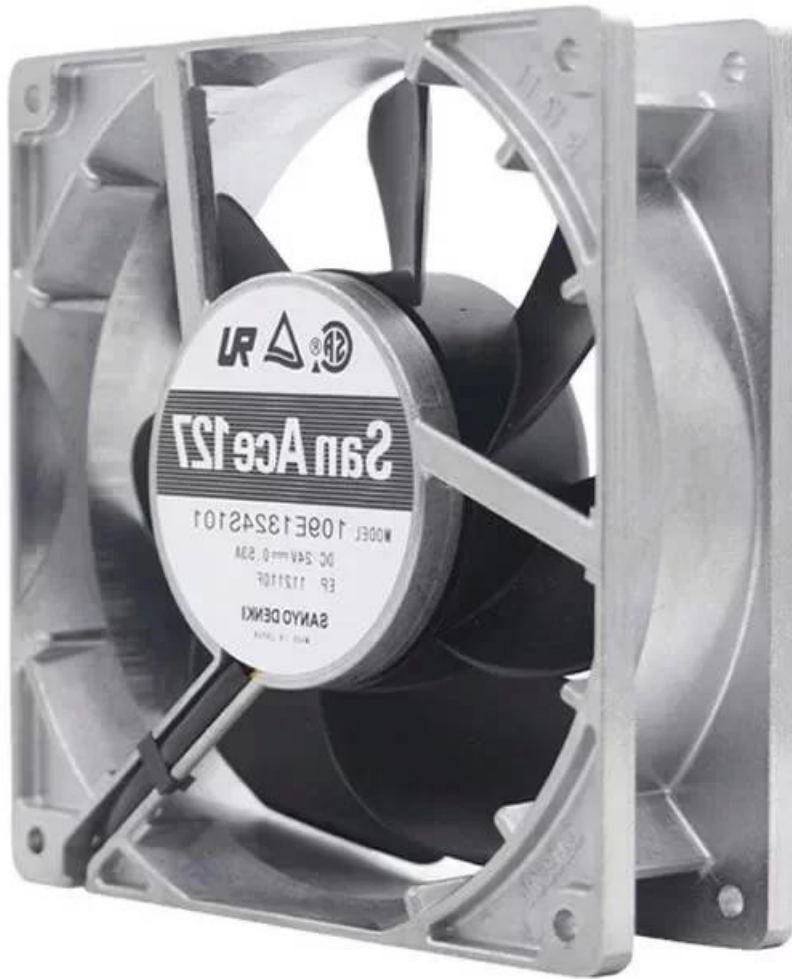
Safety Approvals: UL, CSA, TUV, RoHS

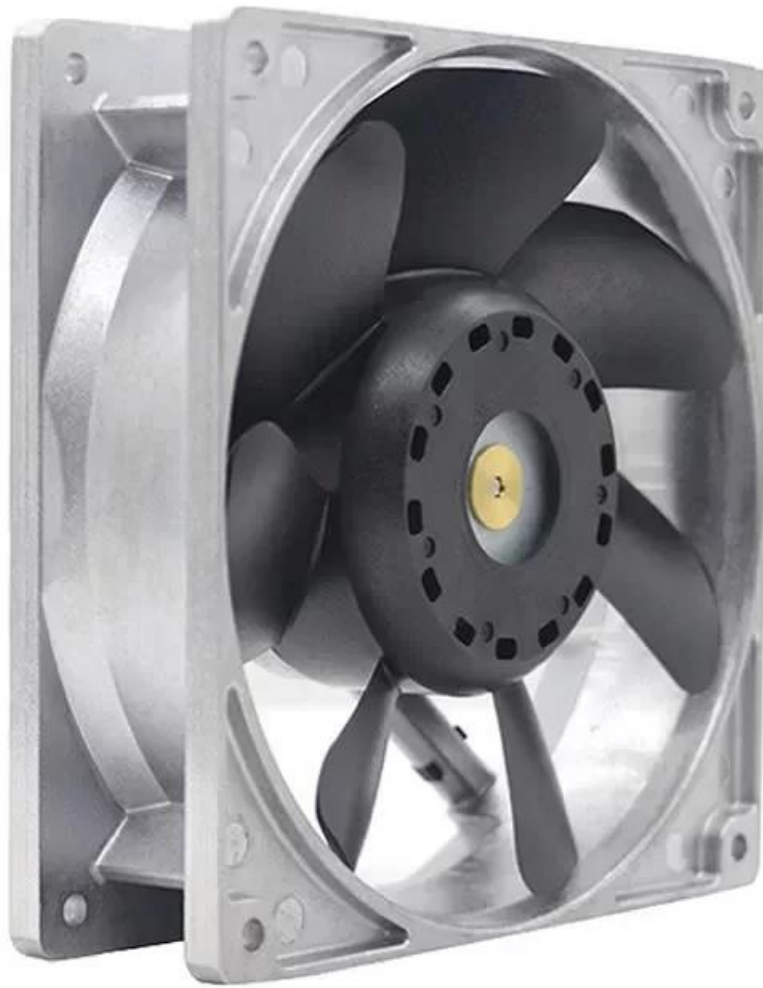
Application

The Sanyo Denki 109E1324S101 DC axial fan is specifically designed for cooling high-wattage power supplies, industrial automation controllers, telecommunications hardware, medical equipment cabinets, and server storage systems requiring stable and efficient 24V DC ventilation.

Product Images









Scan for product details:

