

# 109R0624D4D01 Sanyo Denki DC Brushless Axial Fan

**SKU:** 724412046904

**Price:** \$13.93

**Categories:** Fans

**Tags:** Sanyo Denki

**Product Link:**

<https://www.electspares.com/product/109r0624d4d01-sanyo-denki-dc-brushless-axial-fan/>

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## Product Description

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Model: 109R0624D4D01

Manufacturer: Sanyo Denki

Series: San Ace 60

Fan Type: DC Brushless Axial Fan / Tubeaxial

Dimensions:

Length: 60 mm (Square)

Height: 60 mm (Square)

Width/Thickness: 25 mm

Electrical Parameters

Rated Voltage: 24 VDC

Operating Voltage Range: 12 VDC to 27.6 VDC

Rated Current: 0.120 A

Input Power: 2.88 W

Terminals: 3 Leads (Red: +, Black: -, Yellow: Locked Rotor Sensor Output)

Protection Features: Locked Rotor Burnout Protection, Reverse Polarity Protection

Performance Parameters

Rated Speed (RPM): 5150 RPM

Maximum Airflow:

25.4 CFM (Cubic Feet per Minute)

0.711 m<sup>3</sup>/min (Cubic Meters per Minute)

Maximum Static Pressure:

0.295 in H<sub>2</sub>O (Inches of Water)

73.5 Pa (Pascals)

Noise Level: 37.0 dB(A)

#### Construction & Materials

Bearing Type: Ball Bearing (for long life and reliability)

Frame Material: Plastic (Flame Retardancy: UL 94V-0)

Impeller Material: Plastic (Flame Retardancy: UL 94V-1)

Frame Shape: With ribs

#### Sensor & Functions

Sensor: Features a Locked Rotor Sensor, which outputs a signal if the fan rotor becomes jammed.

#### Environmental & Reliability

Operating Temperature Range: -20°C to +70°C (-4°F to 158°F)

Storage Temperature Range: -30°C to +70°C (Non-condensing)

Expected Life: 40,000 hours L10 at 60°C (90% survival rate)

Safety Certifications: UL, TUV, CSA (and potentially others, depending on specific market and product version)

Insulation Resistance:  $\geq 10 \text{ M}\Omega$  between lead conductor and frame at 500 VDC megohmmeter

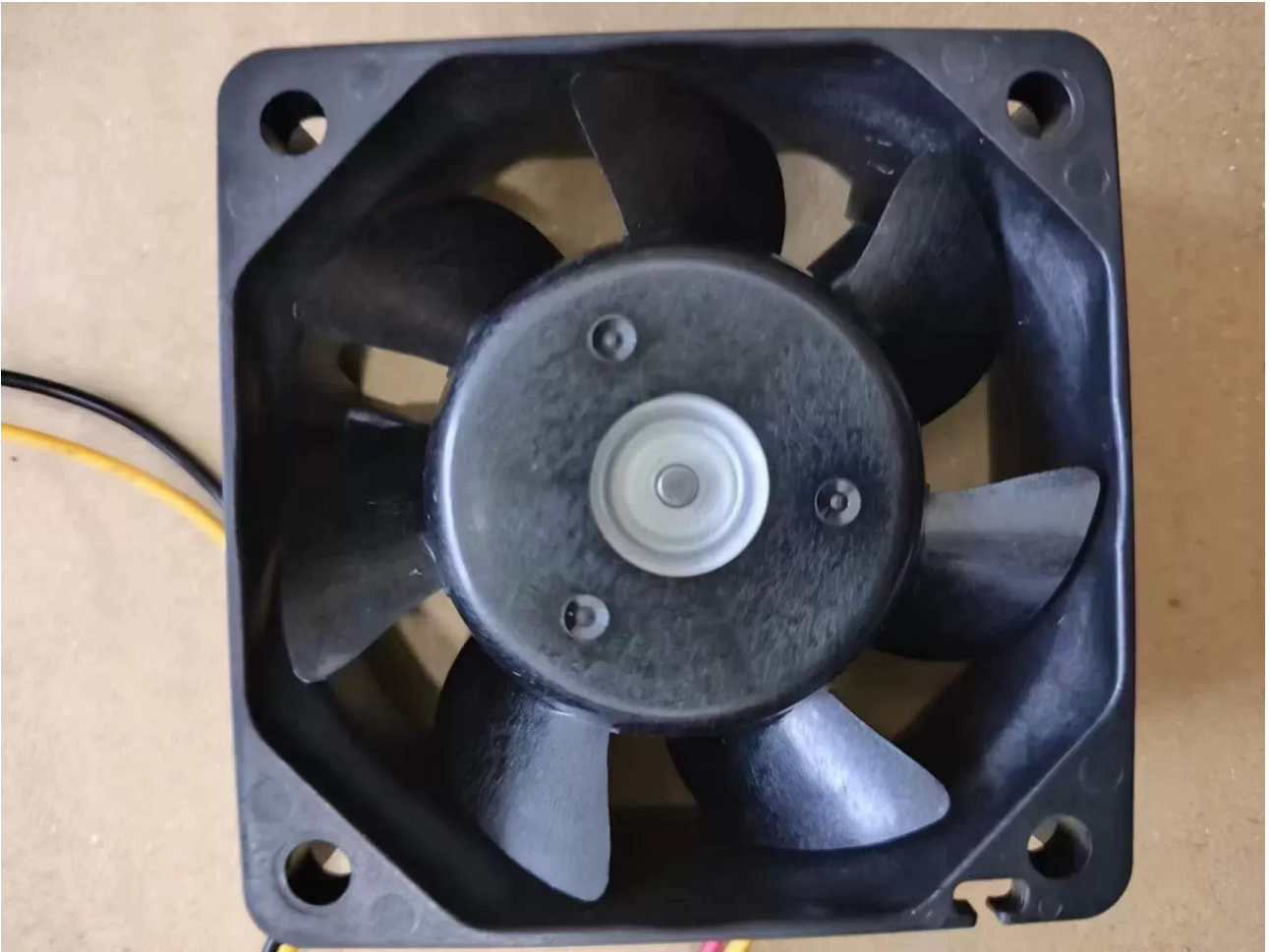
Dielectric Strength: 50/60 Hz, 500 VAC, 1 minute (between lead conductor and frame)

The Sanyo Denki 109R0624D4D01 is a compact 60x60x25mm DC axial fan from the San Ace 60 series, designed for efficient cooling in electronic equipment. Operating at 24VDC with a current draw of 0.120A and power consumption of 2.88W, it delivers a strong 25.4 CFM (0.711 m<sup>3</sup>/min) of airflow and 0.295 in H<sub>2</sub>O (73.5 Pa) of static pressure at 5150 RPM, all while producing a moderate 37.0 dB(A) of noise. Built with durable ball bearings and a plastic frame/impeller (UL 94V-0/V-1 rated), it includes a locked rotor sensor for fault detection and offers a long life of 40,000 hours L10 at 60°C, making it a reliable choice for applications requiring precise cooling and monitoring.

## Product Images

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Scan for product details:

