

# 109S074UL Sanyo Denki 115V 120x120x38mm AC Axial Fan

**SKU:** 109S074UL

**Price:** \$67.28

**Categories:** Fans

**Tags:** Sanyo Denki

**Product Link:**

<https://www.electspares.com/product/109s074ul-sanyo-denki-115v-120x120x38mm-ac-axial-fan/>

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## Product Description

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The Sanyo Denki 109S074UL is a professional-grade 115VAC axial fan with dimensions of 120 x 120 x 38 mm, engineered for high-reliability cooling in industrial and commercial environments. Part of the San Ace 120 (S type) series, this cooling solution features a robust die-cast aluminum frame and a specialized 5-blade plastic impeller (UL 94V-0) designed to optimize aerodynamic efficiency and structural durability. It operates at a dual-frequency rated speed of 2,700/3,100 RPM, delivering a maximum air flow of 102.5 CFM (2.9 m<sup>3</sup>/min) while maintaining a balanced acoustic profile. Equipped with a high-precision dual ball bearing system and an impedance-protected motor, the 109S074UL ensures an extended service life of 56,000 hours at 40°C. This model is characterized by its superior voltage stability and industrial-standard 2-terminal connection, making it a dependable choice for power supplies, control panels, and heavy-duty electronic enclosures.

109S074UL Fan Parameters

Manufacturer: Sanyo Denki

Model Number: 109S074UL

Series: San Ace 120 (S type)

Type: DC Axial Fan

Dimensions: 120 x 120 x 38 mm

Weight: 550 g

Frame Material: Aluminum

Impeller Material: Plastics (UL 94V-0)

Bearing Type: Dual Ball Bearing

Number of Blades: 5

Rated Voltage: 115 VAC

Operating Voltage Range: 103.5 - 126.5 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.21 / 0.18 A

Locked Rotor Current: 0.27 / 0.24 A

Rated Input Power: 18 / 16 W

Rated Speed: 2,700 / 3,100 RPM

Max. Air Flow: 88.3 / 102.5 CFM (150 / 174 m<sup>3</sup>/h / 2.5 / 2.9 m<sup>3</sup>/min)

Max. Static Pressure: 0.233 / 0.276 inH<sub>2</sub>O (57.9 / 68.7 Pa / 5.9 / 7.0 mmH<sub>2</sub>O)

Sound Pressure Level: 42 / 45 dB(A)

Termination: 2 Terminals

Control Interface: None (Without Pulse Sensor)

Direction of Rotation: Counter-clockwise (viewed toward rotor)

Operating Temperature: -30 - +60 °C

Storage Temperature: -30 - +70 °C

Expected Life: 25,000 h (at 60 °C) / 56,000 h (at 40 °C)

Motor Protection: Impedance Protected

Safety Approvals: UL, CSA, RoHS

Dielectric Strength: 50/60 Hz, 1,500 VAC, for 1 minute

Insulation Resistance: 10 MΩ or more (500 VDC)

#### Application

This industrial AC axial fan is specifically designed for cooling automated control cabinets, high-capacity switching power supplies, ventilation systems in manufacturing equipment, and professional-grade server racks where 115VAC power is utilized.

## Product Images

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