

# 9CRA0612P6K001 Sanyo Denki 12VDC Counter Rotating Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [1032380162389](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$21.99**

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**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

**Web:** <https://www.equipspares.com>

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Product Page:

<https://www.equipspares.com/product/9cra0612p6k001-sanyo-denki-12vdc-counter-rotating-fan>

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## Product Description

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Sanyo Denki 9CRA0612P6K001 is a 12VDC 60x60x56mm Counter Rotating Fan optimized for overcoming extreme static pressure in high-density server enclosures. This unit features a sophisticated dual-motor architecture where two independent rotors spin in opposite directions to neutralize tangential flow and maximize laminar air velocity. The aerodynamic design reduces thermal impedance in tightly packed systems, utilizing precision ball bearings to maintain structural rigidity at high rotational velocities. Operating at a rated current of 3.1A, this fan delivers a massive 102 CFM (2.89 m<sup>3</sup>/min) of airflow and a peak static pressure of 1050 Pa, ensuring critical components remain within thermal tolerances under heavy computational loads.

Model Number: 9CRA0612P6K001

Brand: Sanyo Denki

Product Type: Counter Rotating Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 3.1 A

Power: 37.2 W

Rated Speed: 14000 RPM (Inlet) / 11500 RPM (Outlet)

Bearing Type: Dual Ball Bearing

Max. Air Flow: 102 CFM (2.89 m<sup>3</sup>/min)

Max. Static Pressure: 4.22 inH<sub>2</sub>O (1050 Pa)

Dimensions: 60 x 60 x 56 mm

Weight: 290 g

Life Expectancy: 40,000 Hours at 60°C

Speed Control: PWM Control

Output Signal: Tachometer (Pulse Sensor)

Noise Level: 72 dB(A)

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Termination: Lead Wires

Operating Temperature: -20 to +70 °C

Storage Temperature: -30 to +70 °C

Protection Features: Locked Rotor Burnout Protection, Reverse Polarity Protection

Certifications: UL, CSA, TUV, RoHS

#### 9CRA0612P6K001 Applications

1. 1U/2U High-Density Servers: The counter-rotating blades provide the necessary static pressure to push air through dense heatsinks and drive arrays, serving as a high-performance replacement fan for enterprise hardware.
2. Telecom Base Stations: Optimized for ruggedized outdoor telecom enclosures where high-velocity cooling is required to prevent thermal throttling in compact power amplifiers.
3. VFD Control Cabinets: Ideal for industrial frequency drives where overcoming high system impedance is critical for maintaining the longevity of power electronics." semiconductors.

## Supplemental Images

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