

# 9G1212H401 Sanyo Denki 12V 120x120x25mm DC Axial Fan

**SKU:** 9G1212H401

**Price:** \$29.99

**Categories:** Fans

**Tags:** Sanyo Denki

**Product Link:**

<https://www.electspares.com/product/9g1212h401-sanyo-denki-12v-120x120x25mm-dc-axial-fan/>

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## Product Description

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The Sanyo Denki 9G1212H401 is a high-performance 12VDC axial fan with dimensions of 120 x 120 x 25 mm, specifically engineered for efficient thermal management in computer systems, industrial machinery, and power supplies. As part of the San Ace 120 series, this cooling solution features a robust plastic frame and a specialized 7-blade high-efficiency impeller, optimized for balanced airflow and static pressure. It operates at a rated speed of 2,850 min<sup>-1</sup>, delivering a maximum air flow of 88.0 CFM (149.5 m<sup>3</sup>/h) and a static pressure of 0.257 inH<sub>2</sub>O (64.0 Pa). Equipped with a precision dual ball bearing system and an integrated speed sensor, the 9G1212H401 ensures a reliable service life of 40,000 hours at 60 °C. This model is characterized by its high reliability and quiet operation, making it an ideal choice for server enclosures, networking hardware, and general-purpose cooling applications.

9G1212H401 Fan Parameters

Manufacturer: Sanyo Denki

Model Number: 9G1212H401

Type: DC Axial Fan

Series: San Ace 120

Dimensions: 120 x 120 x 25 mm

Weight: 239.95 g

Frame Material: Plastics (UL 94V-0)

Impeller Material: Plastics (UL 94V-0)

Bearing Type: Dual Ball Bearing

Number of Blades: 7

Rated Voltage: 12 VDC

Operating Voltage Range: 6 - 13.8 VDC

Rated Current: 0.31 A  
Rated Input Power: 3.72 W  
Rated Speed: 2,850 min<sup>-1</sup> (RPM)  
Max. Air Flow: 88.0 CFM (149.5 m<sup>3</sup>/h / 2.49 m<sup>3</sup>/min)  
Max. Static Pressure: 0.257 inH<sub>2</sub>O (64.0 Pa / 6.5 mmH<sub>2</sub>O)  
Sound Pressure Level: 40.0 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: 40,000 h (at 60 °C) / 70,000 h (at 40 °C)  
Locked Rotor Protection: Supported  
Reverse Polarity Protection: Supported  
Safety Approvals: UL, CSA, TUV, RoHS

#### Application

The Sanyo Denki 9G1212H401 DC axial fan is specifically designed for cooling desktop computers, server chassis, industrial control cabinets, telecommunications racks, and electronic power supplies requiring reliable and quiet 12V DC ventilation.

## **Product Images**

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