

# 9WF0924H201 Sanyo Denki 24V 0.35A 92x92x32mm DC Axial Fan

**SKU:** 9WF0924H201

**Price:** \$47.99

**Categories:** Fans

**Tags:** Sanyo Denki

**Product Link:**

<https://www.electspares.com/product/9wf0924h201-sanyo-denki-24v-0-35a-92x92x32mm-dc-axial-fan/>

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## Product Description

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The Sanyo Denki 9WF0924H201 is a high-performance 24VDC oil-proof axial fan with dimensions of 92 x 92 x 32 mm, specifically engineered for reliable cooling in harsh industrial environments exposed to oil mist. As part of the San Ace 92WF series, this cooling solution features a robust oil-resistant plastic frame and impeller (UL 94V-0), optimized for superior aerodynamic efficiency and structural integrity in demanding conditions. It operates at a rated speed of 6,500 min<sup>-1</sup>, delivering a maximum air flow of 86.5 CFM (147 m<sup>3</sup>/h) and a static pressure of 0.80 inH<sub>2</sub>O (199.3 Pa). Equipped with a precision dual ball bearing system and an integrated speed sensor, the 9WF0924H201 ensures a reliable service life of 40,000 hours at 60 °C. This model is characterized by its high ingress protection and specialized winding insulation, making it a critical component for machine tools, industrial robotics, and automated manufacturing equipment where standard fans would fail due to oil exposure.

9WF0924H201 Fan Parameters

Manufacturer: Sanyo Denki

Model Number: 9WF0924H201

Type: DC Axial Fan

Series: San Ace 92WF (Oil Proof)

Dimensions: 92 x 92 x 32 mm

Weight: 185 g

Frame Material: Plastics (UL 94V-0)

Impeller Material: Plastics (UL 94V-0)

Bearing Type: Dual Ball Bearing

Number of Blades: 5

Rated Voltage: 24 VDC

Operating Voltage Range: 20.4 – 27.6 VDC  
Rated Current: 0.35 A  
Rated Input Power: 8.4 W  
Rated Speed: 6,500 min<sup>-1</sup> (RPM)  
Max. Air Flow: 86.5 CFM (147 m<sup>3</sup>/h / 2.45 m<sup>3</sup>/min)  
Max. Static Pressure: 0.80 inH<sub>2</sub>O (199.3 Pa / 20.3 mmH<sub>2</sub>O)  
Sound Pressure Level: 56 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)  
Ingress Protection: Oil Resistant  
Locked Rotor Protection: Supported  
Reverse Polarity Protection: Supported  
Safety Approvals: UL, CSA, TUV, RoHS

#### Application

The Sanyo Denki 9WF0924H201 oil-proof axial fan is specifically designed for cooling high-precision CNC machine tools, industrial robotic controllers, automated assembly lines, factory automation sensors, and electronic control panels operating in environments with significant oil mist or high humidity.

## Product Images

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