

June 2nd, 2023

SANYO DENKI AMERICA, INC  
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## **SANYO DENKI Develops 40 x 40 x 28 mm Long Life Fan with the Highest Static Pressure and Airflow in the Industry**

SANYO DENKI has developed and launched the 40 x 40 x 28 mm *San Ace 40L* 9LG type Long Life Fan that features the highest static pressure and airflow in the industry.<sup>(1)</sup> It is suitable for cooling servers, communications equipment, and telecom power supplies.

### **Features**

#### **1. High Static Pressure, High Airflow, and Long Life**

This fan delivers a maximum static pressure of 7.15 inchH<sub>2</sub>O and a maximum airflow of 32.9 CFM.<sup>(2)</sup> Compared with our current model,<sup>(3)</sup> the maximum static pressure has increased by 8.6 times and maximum airflow has increased by 1.8 times. This fan offers greatly improved static pressure and airflow while maintaining the long service life of the current model.

#### **2. Low Noise and Energy Saving**

The PWM control enables the control of fan speed, contributing to lowering noise and improving energy efficiency of devices.

(1) Based on our own research as of May 25, 2023, conducted among axial DC fans of equivalent size and cooling performance on the market.

(2) For models 9LG0412P3G001 and 9LG0424P3G001.

(3) Current model: 40 x 40 x 28 mm *San Ace 40L* 9L type Long Life Fan (model: 9L0412J301).

### Specifications

**Dimensions: 40 x 40 x 28 mm, Mass: 60 g**

Model no.	Rated voltage	Operating voltage range	Rated input	Rated speed	Max. airflow		Max. static pressure		Sound pressure level
	[V]	[V]	[W]	[min <sup>-1</sup> ]	[m <sup>3</sup> /min]	[CFM]	[Pa]	[inchH <sub>2</sub> O]	[dB(A)]
9LG0412P3G001	12	10.2 to 13.8	22.8	33500	0.93	32.9	1780	7.15	68
9LG0412P3S001			14.8	28000	0.77	27.2	1290	5.18	65
9LG0412P3H001			8.28	22500	0.62	21.9	830	3.33	62
9LG0424P3G001	24	21.6 to 26.4	22.8	33500	0.93	32.9	1780	7.15	68
9LG0424P3S001			14.6	28000	0.77	27.2	1290	5.18	65
9LG0424P3H001			8.16	22500	0.62	21.9	830	3.33	62

Expected life: 100000 hours (L10 life: 90% survival rate for continuous operation in free air at 60°C, rated voltage)

80000 hours for 9LG0412P3G001 and 9LG0424P3G001 models (L10 life: 90% survival rate for continuous operation in free air at 60°C, rated voltage)

**Applications** Servers, communications equipment, and telecom power supplies

**Price** Open

**Photo**



The information stated in this release is current as of May 25, 2023.

San Ace is a registered trademark of SANYO DENKI CO., LTD.

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