

January 22nd, 2024

## SANYO DENKI Launches 92 x 92 x 38 mm DC Fan with the Lowest Noise in the Industry

SANYO DENKI has developed and launched the 92 x 92 x 38 mm *San Ace 92 9RA* type DC Fan that features the lowest noise in the industry.<sup>(1)</sup> It is suitable for cooling industrial equipment, medical equipment, and servers.

### Features

#### 1. Low Noise

Compared to our current product,<sup>(2)</sup> noise level has been reduced by 5 dB(A).

#### 2. Energy Saving

Power consumption has been reduced by approximately 13% compared to the current product.<sup>(3)</sup>

#### 3. High Static Pressure

The maximum static pressure has increased by approximately 8% compared to the current product.<sup>(2)</sup>

#### 4. Rich Lineup

The lineup offers four different rotational speeds for each of 12/24/48 V rated voltages. The broad lineup of fans enables you to choose the right fan best suited to your applications.

(1) Based on our own research as of November 13, 2023, conducted among axial DC fans of equivalent size and cooling performance on the market.

(2) Comparison of the new product (model 9RA0948J1001) and current DC fan of the same size (model 9G0948J101).

(3) Comparison of the new product (model 9RA0912G1001) and current DC fan of the same size (model 9G0912G101).

### Specifications

**Dimensions: 92 x 92 x 38 mm, Mass: 210 g**

The models listed below have pulse sensors with PWM control.

Model no.	Rated voltage	Operating voltage range	Rated input	Rated speed	Max. airflow		Max. static pressure		Sound pressure level
	[V]				[W]	[min <sup>-1</sup> ]	[m <sup>3</sup> /min]	[CFM]	[Pa]
9RA0912P1J001	12	10.8 to 13.2	14.9	6400	3.28	116	192	0.77	50
9RA0912P1G001			11.5	5800	2.97	105	158	0.63	47
9RA0924P1J001	24	21.6 to 26.4	14.9	6400	3.28	116	192	0.77	50
9RA0924P1G001			11.5	5800	2.97	105	158	0.63	47
9RA0948P1J001	48	43.2 to 52.8	14.9	6400	3.28	116	192	0.77	50
9RA0948P1G001			12.0	5800	2.97	105	158	0.63	47

Expected life: 40000 hours (L10 life: 90% survival rate for continuous operation in free air at 60°C, rated voltage)

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Model no.	Rated voltage	Operating voltage range	Rated input	Rated speed	Max. airflow		Max. static pressure		Sound pressure level
	[V]				[W]	[min <sup>-1</sup> ]	[m <sup>3</sup> /min]	[CFM]	[Pa]
9RA0912J1001	12	7 to 13.2	14.9	6400	3.28	116	192	0.77	50
9RA0912G1001		7 to 13.8	11.5	5800	2.97	105	158	0.63	47
9RA0912H1001			6.2	4650	2.36	83	102	0.41	40
9RA0924J1001	24	14 to 26.4	14.9	6400	3.28	116	192	0.77	50
9RA0924G1001		14 to 27.6	11.5	5800	2.97	105	158	0.63	47
9RA0924H1001			6.2	4650	2.36	83	102	0.41	40
9RA0948J1001	48	36 to 52.8	14.9	6400	3.28	116	192	0.77	50
9RA0948G1001		36 to 55.2	12.0	5800	2.97	105	158	0.63	47
9RA0948H1001			6.7	4650	2.36	83	102	0.41	40

Expected life: 40000 hours (L10 life: 90% survival rate for continuous operation in free air at 60°C, rated voltage)

**Applications** Industrial equipment, medical equipment, and servers

**Price** Open

**Photo**



The information stated in this release is current as of November 13, 2023.

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

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