

July 9th, 2020

SANYO DENKI AMERICA, INC  
468 Amapola Avenue, Torrance, CA 90501

## SANYO DENKI Develops 40 × 40 × 28 mm High Static Pressure Fan

### Achieves the highest static pressure in the industry

SANYO DENKI has developed and launched the *San Ace 40 9HVA* type 40 × 40 × 28 mm High Static Pressure Fan that features the highest static pressure in the industry.<sup>(1)</sup>

This fan is suitable for cooling 1U servers, switching power supplies, and communications equipment. It also comes with the PWM control function to control the fan speed.

#### Features

##### 1. High Static Pressure and High Airflow

This fan delivers a maximum static pressure of 9.24 inchH<sub>2</sub>O and a maximum airflow of 37.1 CFM.

Compared with our current model,<sup>(2)</sup> the maximum static pressure has increased by 2.1 times and the maximum airflow has increased by 1.3 times.

##### 2. Energy-saving

Power consumption has been reduced by approximately 20% compared with the current model.<sup>(2)</sup>

##### 3. Space-saving

This fan delivers higher cooling performance than our 40 × 40 × 56 mm Counter Rotating Fan.<sup>(3)</sup> The smaller fan size provides enhanced design flexibility.

(1) Based on our own research as of May 28, 2020, conducted among equally-sized axial DC fans on the market.

(2) Current model: *San Ace 40 9HV* type 40 × 40 × 28 mm DC Fan (model no. 9HV0412P3K001).

(3) *San Ace 40 9CRV* type 40 × 40 × 56 mm Counter Rotating Fan (model no. 9CRV0412P5J201).

**Specifications**

Dimensions: 40 × 40 × 28 mm, Mass: 57 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]	[inch H <sub>2</sub> O]	[dB(A)]
9HVA0412P3J001	12	10.2 to 13.8	31.2	38000	1.05	37.1	2300	9.24	71

Expected life: 30000 hours (L10 life: 90% survival rate for continuous operation in free air at 60°C, rated voltage)

**Applications**

1U servers, switching power supplies, and communications equipment

**Release Date**

May 28, 2020

**Price**

Open

**Photo**

Note: The information stated in this release is current as of May 28, 2020.

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

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