

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.⁽¹⁾

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 inchH₂O and a maximum airflow of 37.1 CFM.

Compared with our current model,⁽²⁾ 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.⁽²⁾

3. Space-saving

This fan delivers higher cooling performance than our 40 × 40 × 56 mm Counter Rotating Fan.⁽³⁾ 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 ⁻¹]	[m ³ /min]	[CFM]	[Pa]	[inch H ₂ 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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