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SANYO DENKI AMERICA, INC
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SANYO DENKI Develops 36 × 36 × 28 mm High Static Pressure Fan Industry's highest static pressure and airflow

SANYO DENKI has developed and launched the *San Ace* 36 9HV type 36 × 36 × 28 mm High Static Pressure Fan that features a compact design and the highest static pressure and airflow in the industry.⁽¹⁾

This fan is suitable for cooling 1U servers, 1U switching power supplies, optical transmission equipment, and other devices with high component density.

It also comes with the PWM control function to externally control the fan speed.

Features

1. High Static Pressure and High Airflow

This fan delivers a maximum static pressure of 5.62 inchH₂O and a maximum airflow of 25.4 CFM.

Compared with the current model,⁽²⁾ the maximum static pressure has increased by 1.67 times and maximum airflow has increased by 1.04 times.

2. Space-saving

This fan provides the same cooling performance as our conventional 40 × 40 mm fans.⁽³⁾
The reduced fan size enables enhanced design flexibility.

3. High Energy Efficiency and Low Noise

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

(1) Based on our own research as of December 13, 2018, conducted among equally-sized axial DC fans on the market.

(2) Current model: *San Ace* 36 9GX type 36 × 36 × 28 mm (9GX3612P3K001).

(3) Conventional fans: 40 × 40 × 28 mm *San Ace* 40 9HV type (9HV0412P3K001) and 9GAX type (9GAX0412P3S001).

Specifications

Dimensions: 36 × 36 × 28 mm, mass: approx. 53 g

Model no.	Rated voltage	Operating voltage range	Rated input	Rated speed	Max. airflow		Max. static pressure		SPL
	[V]	[V]	[W]	[min ⁻¹]	[m ³ /min]	[CFM]	[Pa]	[inchH ₂ O]	[dB(A)]
9HV3612P3K001	12	10.8 to 13.2	21.0	32500	0.72	25.4	1400	5.62	67

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

Applications

For cooling 1U servers, 1U switching power supplies, and optical transmission equipment

Release Date

December 13, 2018

Price

Open

Photo



Note: The information stated in this release is current as of December 13, 2018.

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