

October 11th, 2024

SANYO DENKI AMERICA, INC
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SANYO DENKI Develops 38 x 38 x 28 mm DC Fan with the Highest Static Pressure and Airflow in the Industry

SANYO DENKI has developed and launched the 38 x 38 x 28 mm *San Ace 38 9HVA* type DC Fan that features the highest static pressure and airflow in the industry.⁽¹⁾ It is ideal for high-density 1U servers, 1U switching power supplies, and communications equipment that require superior cooling performance.

Features

1. High Static Pressure

This fan achieves a maximum static pressure of 8.40 inchH₂O,⁽²⁾ increasing by a factor of about 2.6 over our current model.⁽³⁾

2. High Airflow

The fan delivers a maximum airflow of 32.2 CFM,⁽²⁾ improving by a factor of about 1.5 compared to the current model.⁽³⁾

3. Contribution to SDGs

This fan uses a lead-free brass material and is RoHS Directive-compliant.⁽⁴⁾ Using eco-friendly resources and technologies, it is certified as an Eco Product.⁽⁵⁾

(1) Based on our own research as of October 3, 2024, conducted among equally sized axial DC fans on the market.

(2) For a model 9HVA0312P3K001

(3) Current model: 38 × 38 × 28 mm *San Ace 38 9GA* type DC Fan (model: 9GA0312P3K001)

(4) The RoHS (Restriction of Hazardous Substances) Directive restricts the use of certain hazardous substances in electrical and electronic equipment distributed within the European Union.

(5) Eco Products are eco-friendly products designed to reduce the environmental impact of the product and its packaging materials compared to our existing products and conventional products on the market. Our products are assessed over the product's life cycle against our own eco-design requirements including product size, weight, power consumption, and CO₂ emissions, and those meeting our standards and higher standards qualify as Eco Products and Eco Products Plus, respectively.

Specifications

Dimensions: 38 x 38 x 28 mm, Mass: 53 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]	[inchH ₂ O]	[dB(A)]
9HVA0312P3K001	12	10.8 to 13.2	25.2	38500	0.91	32.2	2100	8.40	69
9HVA0312P3G001			13.2	30000	0.71	25.1	1300	5.20	64

Expected life: Model 9HVA0312P3K001 - 30000 hours (L10 life: 90% survival rate for continuous operation in free air at 60°C, rated voltage)

Model 9HVA0312P3G001 - 40000 hours (L10 life: 90% survival rate for continuous operation in free air at 60°C, rated voltage)

Applications 1U servers, 1U switching power supplies, and communications equipment

Price Open

Photo



The information stated in this release is current as of October 3, 2024.

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

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