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

## **SANYO DENKI Develops 80 × 80 × 38 mm High Static Pressure Fan**

### **Achieves the highest static pressure and airflow in the industry**

SANYO DENKI has developed and launched the *San Ace 80* 9HVB type 80 × 80 × 38 mm High Static Pressure Fan that features the highest static pressure and airflow in the industry.<sup>(1)</sup> This fan is suitable for cooling high-density equipment such as servers, storage devices, and routers. 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 6.42 inchH<sub>2</sub>O, and a maximum airflow of 141.3 CFM.

Compared with our current model,<sup>(2)</sup> the maximum static pressure has increased by 1.2 times and maximum airflow has increased by 1.1 times.

This fan can efficiently cool high-density equipment that is hard to ventilate, contributing to system downsizing.

##### **2. Low Noise and Energy-saving**

Power consumption has been reduced by approximately 5% compared with the current model.<sup>(2)</sup>

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

(1) Based on our own research as of September 29, 2020, conducted among equally-sized axial DC fans on the market.

(2) Current model: *San Ace 80* 9HVA type 80 × 80 × 38 mm DC Fan (model no. 9HVA0812P1G001).

### Specifications

Dimensions: 80 × 80 × 38 mm, Mass: 230 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]	[inchH <sub>2</sub> O]	[dB(A)]
9HVB0812P1G001	12	10.8 to 12.6	57.6	18300	4.0	141.3	1600	6.42	75

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

### Applications

Servers, storage devices, routers

### Release Date

September 29, 2020

### Price

Open

### Photo



Note: The information stated in this release is current as of September 29, 2020.

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

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