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

## **SANYO DENKI Launches 97 × 33 mm Splash Proof Blower** **With industry's highest static pressure and airflow**

SANYO DENKI has developed and released the *San Ace 97W 9W1B* type 97 × 33 mm Splash Proof Blower that features an excellent IP68<sup>(1)</sup> water and dust protection. This fan achieves the highest static pressure and airflow in the industry.<sup>(2)</sup> It is suitable for cooling and ventilation applications that require high reliability even in harsh environments.

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

### **Features**

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

This blower delivers a maximum static pressure of 2.17 inchH<sub>2</sub>O and a maximum airflow of 38.5 CFM.<sup>(3)</sup>

Blowers can send out straight airflow with high static pressure, making them suitable for localized and spot cooling applications.

#### **2. Water and Dust Resistance**

Its IP68-rated<sup>(1)</sup> water and dust protection ensures stable fan operation even in harsh environments.

#### **3. High Energy Efficiency and Low Noise**

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

(1) The degree of protection (IP code) is defined by IEC 60529 (International Electrotechnical Commission).

IP68:

- Completely protected against dust
- Protected against submersion in water

(2) Based on our own research as of March 26, 2019, conducted among equally-sized splash proof blowers on the market.

(3) These values are for models 9W1BM12P2H001 and 9W1BM24P2H001

### Specifications

Dimensions: 97 × 33 mm, mass: 240 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)]
9W1BM12P2H001	12	10.2 to 13.8	15.6	4800	1.09	38.5	540	2.17	58
9W1BM12P2M001			10.8	4100	0.93	32.8	380	1.53	55
9W1BM24P2H001	24	20.4 to 27.6	15.6	4800	1.09	38.5	540	2.17	58
9W1BM24P2M001			10.8	4100	0.93	32.8	380	1.53	55

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

### Applications

Cooling of commercial kitchen equipment, ventilation systems, and battery packs

### Release Date

March 26, 2019

### Price

Open

### Photo



Note: The information stated in this release is current as of March 26, 2019.

Kathleen Whitcher  
 Distribution Sales Manager  
 Cooling Systems Division  
 SANYO DENKI AMERICA, INC  
 TEL: (310) 783-5400  
 e-mail: [marketing@sanyo-denki.com](mailto:marketing@sanyo-denki.com)  
<http://www.sanyodenki.com/america>