

August 23rd, 2017

SANYO DENKI AMERICA, INC
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SANYO DENKI Releases Splash Proof Centrifugal Fan In $\varnothing 221 \times 71$ mm and $\varnothing 225 \times 99$ mm sizes with industry-leading airflow

SANYO DENKI has developed and launched the Splash Proof Centrifugal Fan with industry-leading* airflow in two sizes: $\varnothing 221 \times 71$ mm *San Ace 221W9W2T* type and $\varnothing 225 \times 99$ mm *San Ace 225W9W2T* type.

It is suitable for the cooling or ventilation of air conditioners, commercial refrigerators, dust collectors, and outdoor-installed communications equipment and PV inverters.

This fan also has the PWM control function as standard that enables to externally control the rotational speed of the fan.

$\varnothing 221 \times 71$ mm is the industry's first size as a splash proof centrifugal fan of IP56 protection rating.*

Features

1. High Airflow

The $\varnothing 221 \times 71$ mm model** and the $\varnothing 225 \times 99$ mm model achieve maximum airflow values of 19.6 m³/min and 23.5 m³/min, respectively, both of which are leading in the industry.*

2. Water and Dust Resistant

These fans have an IP56 rated water and dust proof performance.***
It ensures stable operation of the fans even in harsh environments.

3. Low Noise and High Energy Efficiency

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

* Based on our own research as of July 11, 2017, among equally sized axial splash proof centrifugal fans in the market.

** The value is for the 9W2TP48P0S001 model.

*** Ingress Protection (IP Code) rating is defined by International Electrotechnical Commission (IEC).

IP56 rating:

- Protection against a level of dust that could hinder operation or impair safety
- Protection against high pressure water jets

Specifications:

Size: \varnothing 221 × 71 mm Mass: Approx. 1250 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)]
9W2TP24P0H001	24	16 to 36	80.4	3050	17.6	621	530	2.13	71.5
9W2TP48P0S001	48	36 to 72	110.4	3400	19.6	692	659	2.65	73.5

Expected life: 40,000 hours (L10: Survival rate: 90% at 60°C, rated voltage, and continuously run in a free air state)

Size: \varnothing 225 × 99 mm Mass: Approx. 1500 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)]
9W2TS48P0S001	48	36 to 72	117.6	3000	23.5	830	635	2.55	72.0

Expected life: 40,000 hours (L10: Survival rate: 90% at 60°C, rated voltage, and continuously run in a free air state)

Applications:

The cooling or ventilation of air conditioners, commercial refrigerators, dust collectors, and outdoor-installed communications equipment and PV inverters

Release Date:

July 11, 2017

Price:

Open

Photo:



\varnothing 221 × 71 mm
San Ace 221W 9W2T type



\varnothing 225 × 99 mm
San Ace 225W 9W2T type

Note: The information stated in this release is current as of July 11, 2017.

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