



# 92x92x25 mm

San Ace 92WF 9WFA type

DC Oil Proof Fan 92 mm sq.

## General Specifications

- Material ..... Frame: Plastic (Flammability: UL 94V-0), Impeller: Plastic (Flammability: UL 94V-0)
- Expected life ..... See the table below. (L10 life: 90% survival rate for continuous operation in free air at 60°C, rated voltage) Expected life at 40°C is for reference only.
- Motor protection function ..... Locked rotor burnout protection, Reverse polarity protection For details, please refer to p. 580.
- Dielectric strength ..... 50/60 Hz, 500 VAC, for 1 minute (between lead wire conductors and frame)
- Insulation resistance ..... 10 MΩ min. at 500 VDC (between lead wire conductors and frame)
- Sound pressure level (SPL) ..... A-weighted sound pressure level (SPL) at 1 m away from the air inlet.
- Storage temperature ..... -30 to +70°C (Non-condensing)
- Lead wire ..... ⊕Red ⊖Black Sensor Yellow
- Mass ..... 170 g

This fan can be used in environments with oil mist.\*

\* Environment where cutting oil creates oil mist. Conduct a product evaluation with the type of oil to be used.

## Specifications

The models listed below **have ribs and pulse sensors**. For models without ribs, append "1" to the end of model numbers.

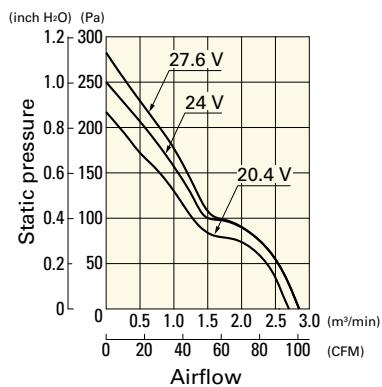
Model no.	Rated voltage [V]	Operating voltage range [V]	Rated current [A]	Rated input [W]	Rated speed [min <sup>-1</sup> ]	Max. airflow		Max. static pressure		SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
						[m <sup>3</sup> /min]	[CFM]	[Pa]	[inchH <sub>2</sub> O]			
9WFA0924G4001	24	20.4 to 27.6	0.45	10.8	7350	2.85	100.6	250	1.0	56	-20 to +70	40000/60°C (70000/40°C)
9WFA0924H4001			0.28	6.72	6100	2.35	83.0	171	0.69	52		

Note: Sensor and control options are available for selection. Refer to the table on p. 618.

## Airflow - Static Pressure Characteristics

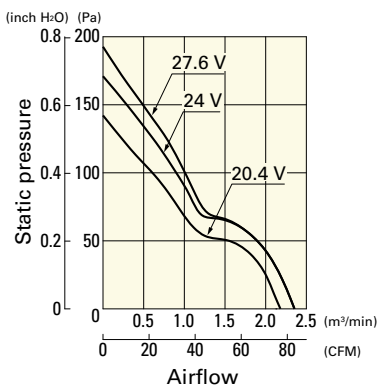
9WFA0924G4001 With pulse sensor

Operating voltage range



9WFA0924H4001 With pulse sensor

Operating voltage range



## Dimensions (unit: mm)

