



# 92x92x32 mm

San Ace 92WF 9WF<sub>type</sub>

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. 599.
- Dielectric strength ..... 50/60 Hz, 500 VAC, for 1 minute (between lead wire conductors and frame)
- Insulation resistance ..... 10 MΩ or more with a 500 VDC megger (between lead wire conductors and frame)
- 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 ..... 185 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.

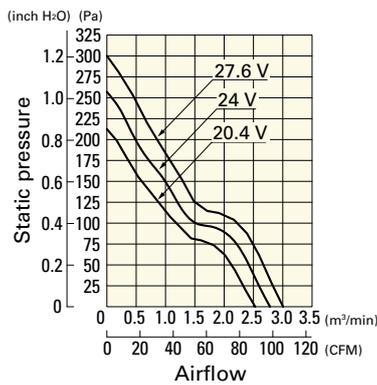
| Model no.   | Rated voltage [V] | Operating voltage range [V] | Rated current [A] | Rated input [W] | Rated speed [min <sup>-1</sup> ] | Max. airflow [m <sup>3</sup> /min] [CFM] | Max. static pressure [Pa] [inchH <sub>2</sub> O] | SPL [dB (A)] | Operating temperature [°C] | Expected life [h]          |
|-------------|-------------------|-----------------------------|-------------------|-----------------|----------------------------------|--|--|--------------|----------------------------|----------------------------|
| 9WF0924S201 | 24                | 20.4 to 27.6                | 0.5               | 12              | 7300                             | 2.8 98.9                                 | 255 1.02   | 58           | -20 to +70                 | 40000/60°C<br>(70000/40°C) |
| 9WF0924H201 |                   |                             | 0.35              | 8.4             | 6500                             | 2.45 86.5                                | 200 0.8  | 56           |                            |                            |

Note: Sensor and control options are available for selection. Refer to the table on p. 637.

## Airflow - Static Pressure Characteristics

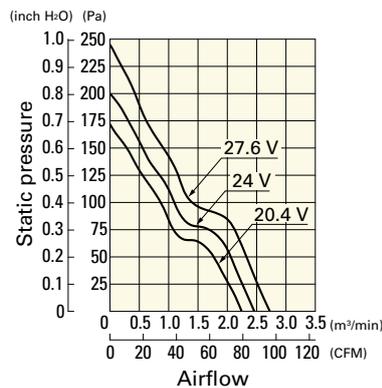
**9WF0924S201** With pulse sensor

Operating voltage range

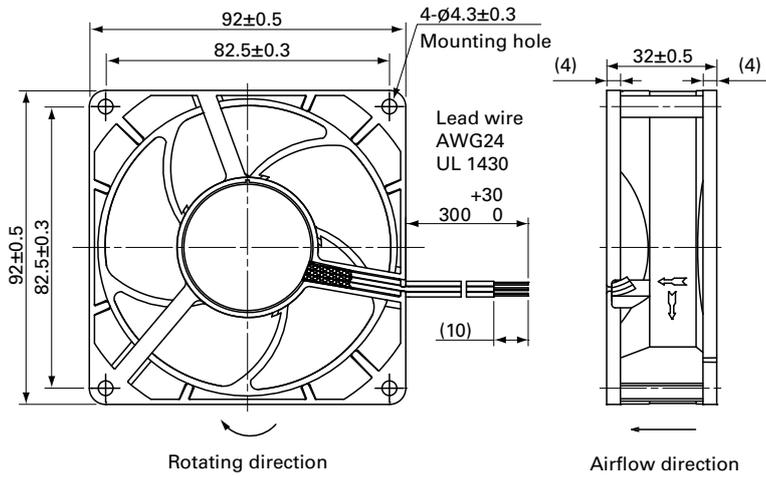


**9WF0924H201** With pulse sensor

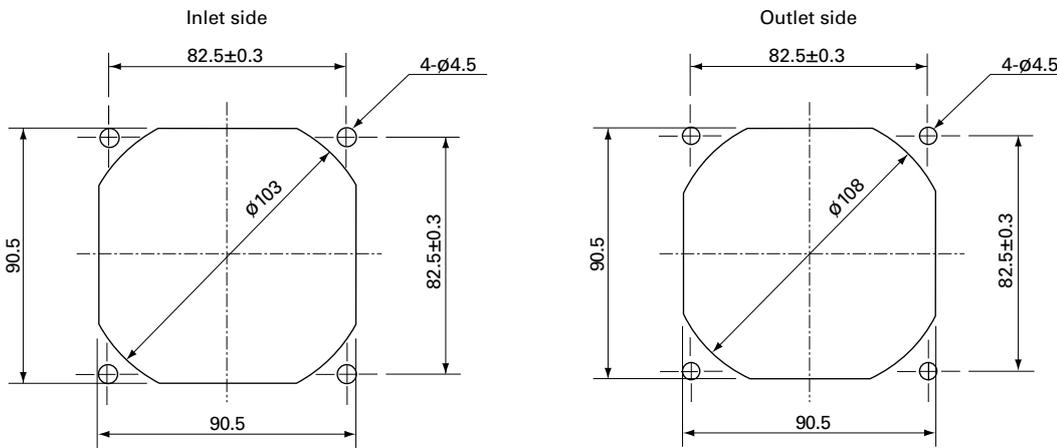
Operating voltage range



**Dimensions (unit: mm)** (With ribs)



**Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)**



**Options**

Finger guards

page: p. 584

Model no.: 109-099E, 109-099H, 109-099C

DC

Oil Proof Fan 92 mm sq.