

# San Ace 60 WF

## Oil Proof Fan

Oil Proof Fan 60mm

### Features

The product can be used in an oil mist environment (environment where cutting oil scatters in the form of a mist).

Oil resistant materials protect coils and electronic parts. Therefore, even in a severe environment with oil mist, the product maintains stable operation.



60×60×20mm

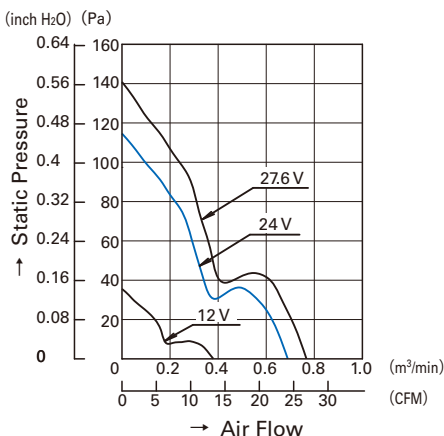
### Specifications

Model No	Rated Voltage [V]	Operating Voltage Range [V]	Rated Current [A]	Rated Input [W]	Rated Speed [min <sup>-1</sup> ]	Air Flow [m <sup>3</sup> /min] [CFM]	Static Pressure [Pa] [inchH <sub>2</sub> O]	SPL [dB(A)]	Operating Temperature Range [°C]	Life Expectancy [h]
9WF0624H601	24	12 to 27.6	0.15	3.6	6,600	0.69 24.3	114 0.46	42	-10 to +70	40,000

### Common Specifications

- Material ..... Frame, Impeller: Plastics (Flammability: UL94V-0)
- Life Expectancy ..... Varies for each model  
(L10: Survival rate: 90% at 60°C, rated voltage, and continuously run in a free air state)
- Motor Protection System ..... Current blocking function and Reverse polarity protection
- Dielectric Strength ..... 50/60 Hz, 500VAC, 1 minute (between lead conductor and frame)
- Sound Pressure Level (SPL) ..... Expressed as the value at 1m from air inlet side
- Operating Temperature ..... Varies for each model (Non-condensing)
- Storage Temperature ..... -30°C to +70°C (Non-Condensing)
- Lead Wire ..... ⊕red ⊖black Sensor: yellow
- Mass ..... Approx. 80 g

### Air Flow - Static Pressure Characteristics

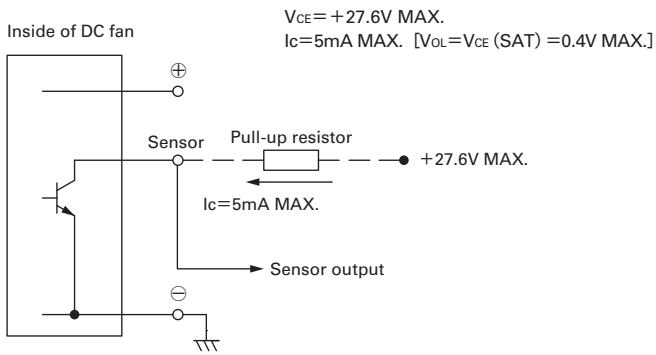


60mm

## Pulse Sensor Specification

Output circuit : Open collector

Output waveform (Need pull-up resistor)

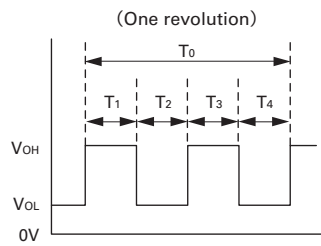


In case of steady running

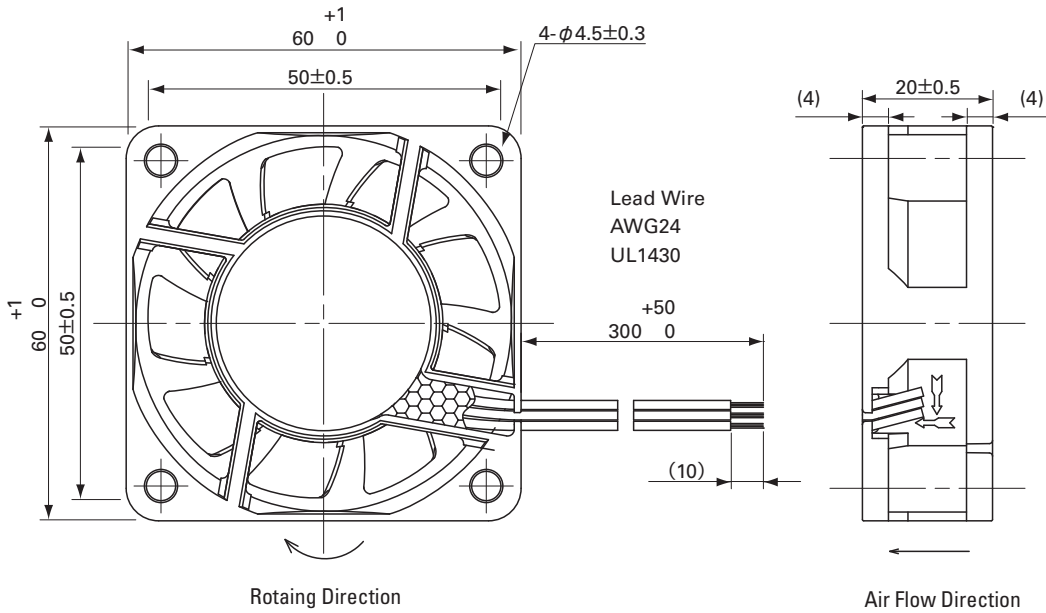
$$T_{1\sim4} \approx (1/4) T_0$$

$$T_{1\sim4} \approx (1/4) T_0 = 60/4N \text{ (sec)}$$

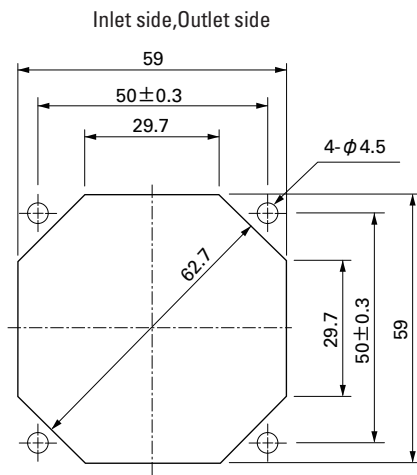
$$N = \text{Fan speed (min}^{-1}\text{)}$$



## Dimensions (unit : mm)



## Reference dimension of mounting holes and vent opening (unit : mm)



## Notice

- The products shown in the catalog are subject to Japanese Export Control Law. Diversion contrary to the law of exporting country is prohibited.
- To protect against electrolytic corrosion that may occur in locations with strong electromagnetic noise, we provide fans that are unaffected by electrolytic corrosion.