

# 60×60×38 mm

## San Ace 60 9G type



(Ribless model depicted)

### 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)
- Motor protection function ..... Locked rotor burnout protection, Reverse polarity protection  
For details, please refer to p. 529.
- 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 ..... 110 g

### Specifications

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

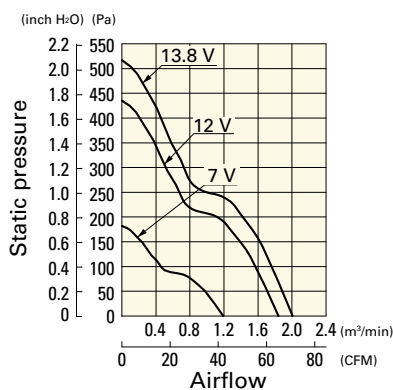
| Model no.  | Rated voltage [V] | Operating voltage range [V] | Rated current [A] | Rated input [W] | Rated speed [min <sup>-1</sup> ] | Max. airflow [m <sup>3</sup> /min] [CFM] | Max. static pressure [Pa] [inchH <sub>2</sub> O] | SPL [dB (A)] | Operating temperature [°C] | Expected life [h] |
|------------|-------------------|-----------------------------|-------------------|-----------------|----------------------------------|------------------------------------------|--------------------------------------------------|--------------|----------------------------|-------------------|
| 9G0612G101 | 12                | 7.0 to 13.8                 | 1.54              | 18.5            | 11800                            | 1.84 65                                  | 435 1.747                                        | 58           | -20 to +70                 | 40000/60°C        |
| 9G0612S101 |                   |                             | 1.36              | 16.3            | 10800                            | 1.7 60                                   | 370 1.486                                        | 56           |                            |                   |
| 9G0624G101 | 24                | 14.0 to 27.6                | 0.85              | 20.4            | 11800                            | 1.84 65                                  | 435 1.747                                        | 58           |                            |                   |
| 9G0624S101 |                   |                             | 0.7               | 16.8            | 10800                            | 1.7 60                                   | 370 1.486                                        | 56           |                            |                   |
| 9G0624H101 |                   |                             | 0.57              | 13.68           | 9800                             | 1.54 54.4                                | 304.6 1.223                                      | 54           |                            |                   |
| 9G0648G101 | 48                | 28 to 55.2                  | 0.35              | 16.8            | 11800                            | 1.84 65                                  | 435 1.747                                        | 58           |                            |                   |
| 9G0648S101 |                   |                             | 0.29              | 13.9            | 10800                            | 1.7 60                                   | 370 1.486                                        | 56           |                            |                   |

Other sensor specifications are available as options. Refer to the index (pp. 548 to 549).

### Airflow - Static Pressure Characteristics

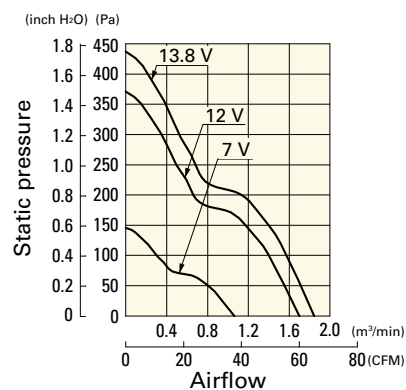
#### 9G0612G101 With pulse sensor

Operating voltage range



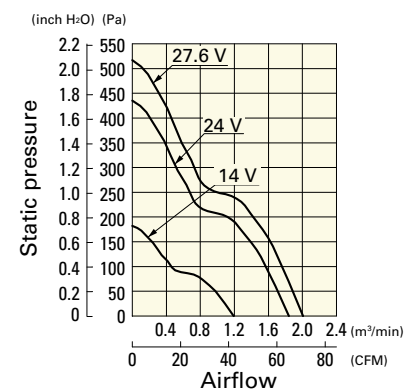
#### 9G0612S101 With pulse sensor

Operating voltage range



#### 9G0624G101 With pulse sensor

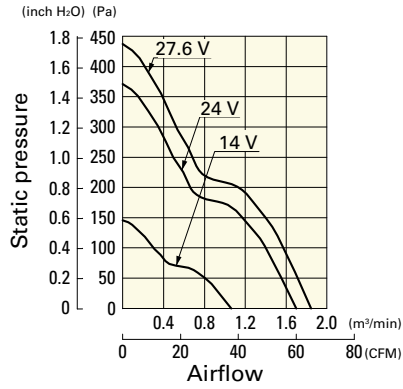
Operating voltage range



## Airflow - Static Pressure Characteristics

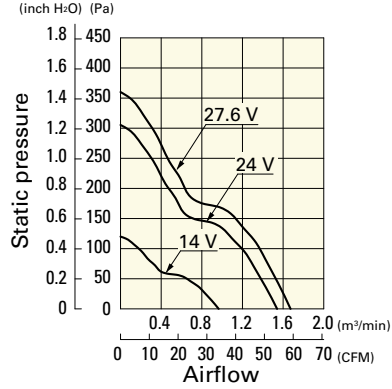
### 9G0624S101 With pulse sensor

Operating voltage range



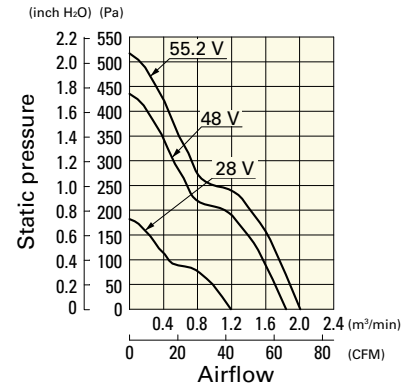
### 9G0624H101 With pulse sensor

Operating voltage range



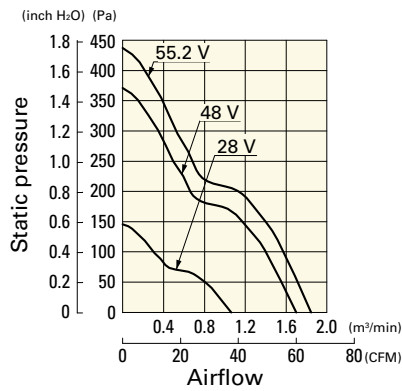
### 9G0648G101 With pulse sensor

Operating voltage range

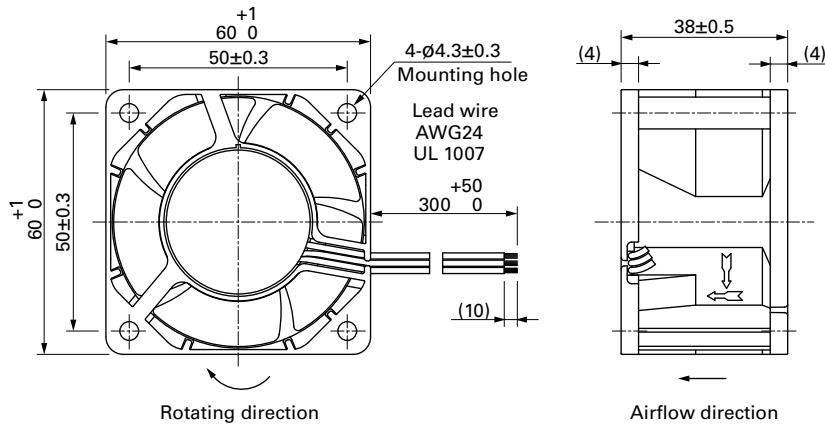


### 9G0648S101 With pulse sensor

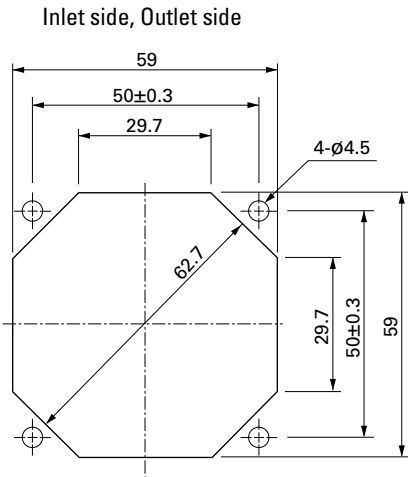
Operating voltage range



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



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



■ **Options**

**Finger guards**

page: p. 513

Model no.: 109-139E, 109-139H

**Resin finger guards**

page: p. 520

Model no.: 109-1003G

**Resin filter kits**

page: p. 521

Model no.: 109-1003F13 (13PPI), 109-1003F20 (20PPI),  
109-1003F30 (30PPI), 109-1003F40 (40PPI)