



(Ribless model depicted)

# 60×60×38 mm

San Ace 60 9G type

## 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.

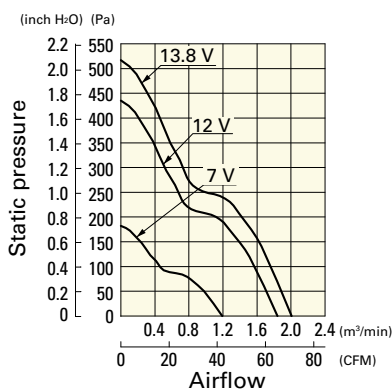
Model no.	Rated voltage [V]	Operating voltage range [V]	Rated current [A]	Rated input [W]	Rated speed [min <sup>-1</sup> ]	Max. airflow [m <sup>3</sup> /min] [CFM]	Max. static pressure [Pa] [inchH <sub>2</sub> O]	SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
9G0612G101	12	7.0 to 13.8	1.54	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

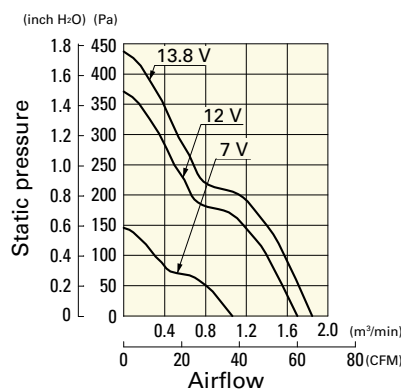
**9G0612G101** With pulse sensor

Operating voltage range



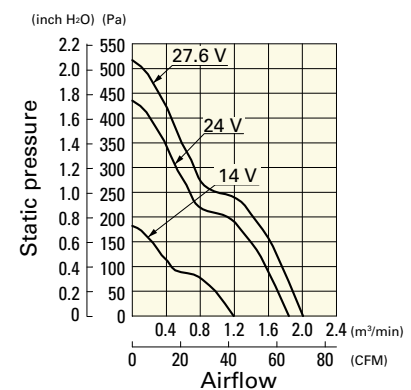
**9G0612S101** With pulse sensor

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)

Inlet side, Outlet side



## 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)