



# 60x60x25 mm

San Ace 60L 9LG type

## General Specifications

- Material ..... Frame: Aluminum, Impeller: Plastic (Flammability: UL 94V-1)
- 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. 616.
- 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 (Control) Brown
- Mass ..... 100 g

## Specifications

The models listed below **have a pulse sensor with PWM control.**

Model no.	Rated voltage [V]	Operating voltage range [V]	PWM duty cycle [%]	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]	
9LG0612P4S001	12	10.8 to 13.2	100	0.67	8.04	11000	1.4 49.4	300 1.204	53	-20 to +70	18000/60°C (215000/40°C)	
			20	0.06	0.72	2900	0.36 12.7	20.8 0.083	20			
			9LG0612P4J001	100	0.39	4.68	8650	1.1 38.8	182 0.73			47
				25	0.04	0.48	2100	0.26 9.1	10.7 0.042			17
			9LG0612P4H001	100	0.17	2.04	6150	0.78 27.5	97 0.389			35
				25	0.03	0.36	1350	0.17 6.0	4.7 0.018			14
9LG0612P4M001	100	0.09	1.08	4200	0.53 18.7	45 0.18	24					
	25	0.03	0.36	900	0.11 3.8	2.0 0.008	14					
9LG0624P4S001	24	21.6 to 26.4	100	0.34	8.16	11000	1.4 49.4	300 1.204	53			
			20	0.03	0.72	2900	0.36 12.7	20.8 0.083	20			
			9LG0624P4J001	100	0.19	4.56	8650	1.1 38.8	182 0.73			47
				20	0.02	0.48	2200	0.28 9.8	12.0 0.048			17
			9LG0624P4H001	100	0.08	1.92	6150	0.78 27.5	97 0.389			35
				20	0.02	0.48	1300	0.16 5.6	4.3 0.017			14
9LG0624P4M001	100	0.04	0.96	4200	0.53 18.7	45 0.18	24					
	20	0.01	0.24	800	0.1 3.5	1.6 0.006	14					
9LG0648P4S001	48	36 to 72	100	0.18	8.64	11000	1.4 49.4	305 1.224	53			
			20	0.02	0.96	2900	0.36 12.7	20.8 0.083	20			
			9LG0648P4J001	100	0.1	4.8	8650	1.1 38.8	182 0.73	47		
				20	0.02	0.96	2100	0.26 9.1	10.7 0.042	17		
			9LG0648P4H001	100	0.06	2.88	6150	0.78 27.5	97 0.389	35		
				20	0.02	0.96	1000	0.12 4.2	2.5 0.01	14		
9LG0648P4M001	100	0.04	1.92	4200	0.53 18.7	45 0.18	24					
	20	0.02	0.96	650	0.08 2.8	1.0 0.004	14					

\* PWM frequency is 25 kHz. Models without ratings for 0% PWM duty cycle have zero speed at 0%. When control terminal is open, speed is the same as at 100% duty cycle.

Note: Sensor and control options are available for selection. Refer to the table on p. 653.

DC  
Long Life Fan 60 mm sq.