60×60×10 mm

San Ace 60 9GA type Low Power Consumption Fan



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 ····· 35 g

Specifications

The models listed below **have ribs and pulse sensors.**

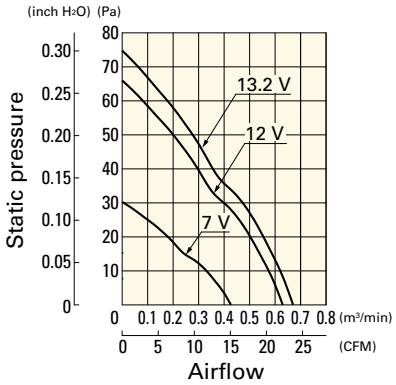
Model no.	Rated voltage [V]	Operating voltage range [V]	Rated current [A]	Rated input [W]	Rated speed [min⁻¹]	Max. airflow [m³/min]	Max. airflow [CFM]	Max. static pressure [Pa]	Max. static pressure [inchH₂O]	SPL [dB (A)]	Operating temperature [˚C]	Expected life [h]
9GA0612G9001	12	7.0 to 13.2	0.27	3.24	6200	0.62	21.9	66	0.26	43	-20 to +60	40000/60˚C (70000/40˚C)
9GA0612H9001		7.0 to 13.8	0.14	1.68	5000	0.5	17.6	42.9	0.17	37	-20 to +70	
9GA0612L9001			0.03	0.36	2300	0.23	8.1	9.1	0.037	17	-10 to +70	

Other sensor specifications are available as options. Refer to the index (p. 551).

Airflow - Static Pressure Characteristics

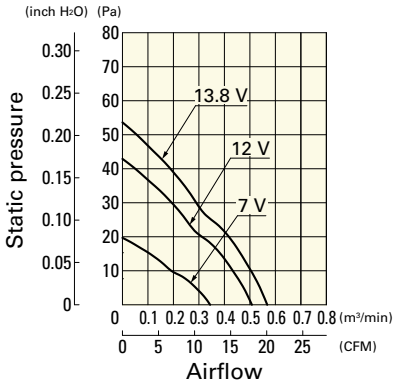
9GA0612G9001 With pulse sensor

Operating voltage range



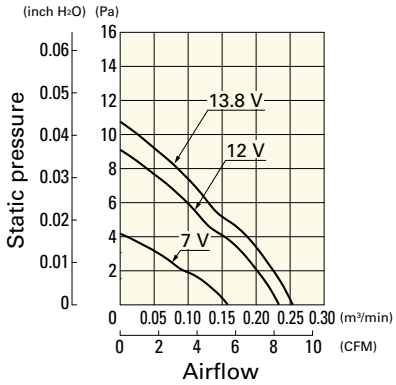
9GA0612H9001 With pulse sensor

Operating voltage range



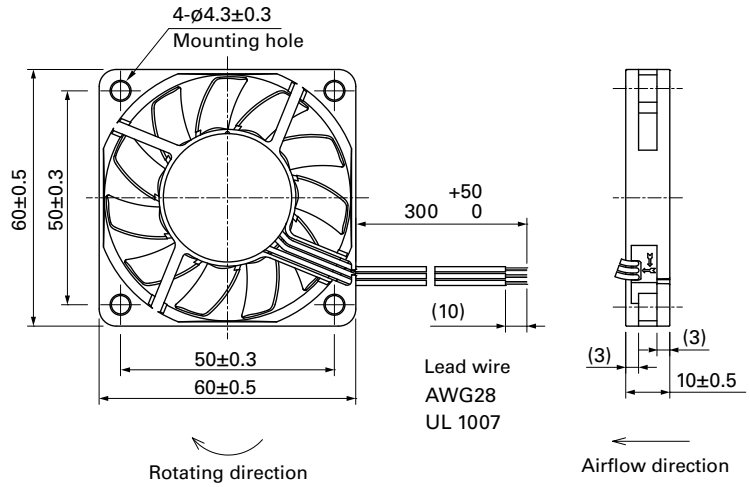
9GA0612L9001 With pulse sensor

Operating voltage range

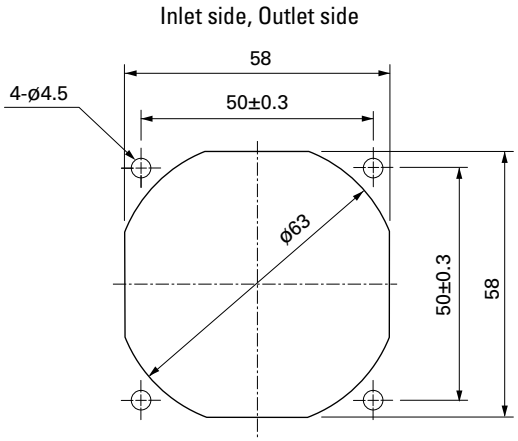


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Dimensions (unit: mm)



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



Options

Finger guards page: p. 513

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

Resin filter kits page: p. 521

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

Resin finger guards page: p. 520

Model no.: 109-1003G

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SA1-DB14S422S 109P0412H601 9GA0612L9001 9HV0812P1G001 9LG0824P4G001 9RA0812G1001 9S0612H402 SA1-9WPA0824P4G001 9A0912G401 9G0624G102 SA1-9RFA1324P3G001 SA1-9W1BM24P2H001 9GA0712P1G001 9HV5724P5H001 9S1212L4011 9TM24P4H01 9WF0424H7D01 9WF1224H101 9WL0424P3G001 9WPA0612P4G001 103H5208-5240 9WP0624H401 SA1-9ADW5701P5H003 9WP1212H1011 109P0412G601 9WPA0624P4G001 9GA0612P7H01 9GE0412P3J03 9W1BM12P2H001 9L0412M301