



92x92x32 mm

San Ace 92 9G type

General Specifications

- Material Frame: Plastic (Flammability: UL 94V-0), 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. 580.
- 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 or Blue Sensor Yellow
- Mass 170 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 ⁻¹]	Max. airflow [m ³ /min] [CFM]	Max. static pressure [Pa] [inchH ₂ O]	SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
9G0912A201	12	10.2 to 13.8	0.58	6.96	4300	2.5 88.3	115 0.462	44	-20 to +70	40000/60°C (70000/40°C)
9G0912S201			0.38	4.56	3500	2.0 70.7	77 0.309	38		
9G0912H201			0.23	2.76	2850	1.59 56.2	51 0.205	32		
9G0912M201			0.13	1.56	2100	1.2 42.4	27 0.108	25		
9G0924A201	24	20.4 to 27.6	0.3	7.2	4300	2.5 88.3	115 0.462	44	-20 to +60	
9G0924S201			0.19	4.56	3500	2.0 70.7	77 0.309	38		
9G0924H201			0.12	2.88	2850	1.59 56.2	51 0.205	32		
9G0924M201			0.08	1.92	2100	1.2 42.4	27 0.108	25		
9G0948A201	48	40.8 to 55.2	0.16	7.68	4300	2.5 88.3	115 0.462	44	-20 to +70	
9G0948S201			0.11	5.28	3500	2.0 70.7	77 0.309	38		
9G0948H201			0.08	3.84	2850	1.59 56.2	51 0.205	32		
9G0948M201			0.05	2.4	2100	1.2 42.4	27 0.108	25		

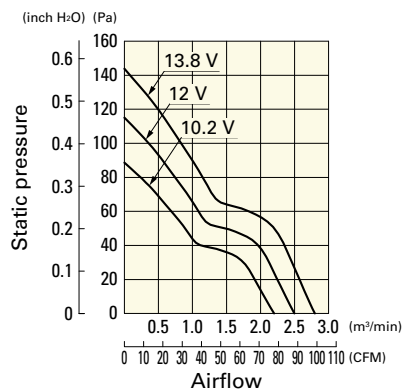
Note 1: Sensor and control options are available for selection. Refer to the table on pp. 605 to 606.

Note 2: The mark indicates Short LeadTime Service applicable models. See p. 630 for details.

Airflow - Static Pressure Characteristics

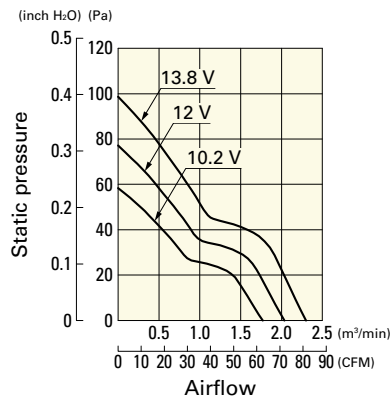
9G0912A201 With pulse sensor

Operating voltage range



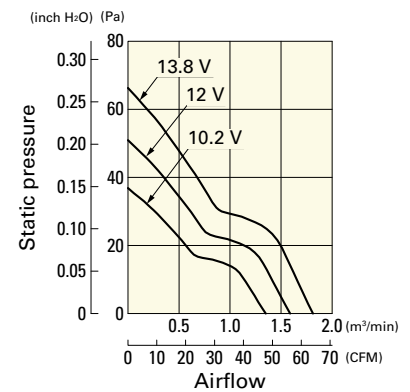
9G0912S201 With pulse sensor

Operating voltage range



9G0912H201 With pulse sensor

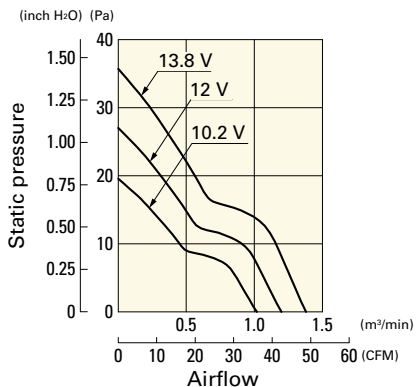
Operating voltage range



Airflow - Static Pressure Characteristics

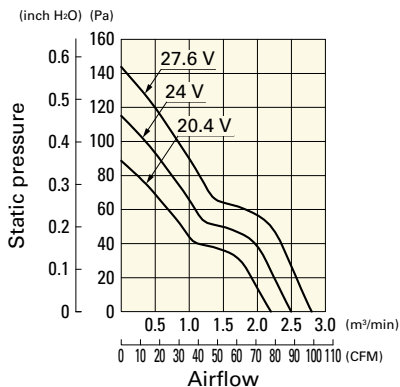
9G0912M201 With pulse sensor

Operating voltage range



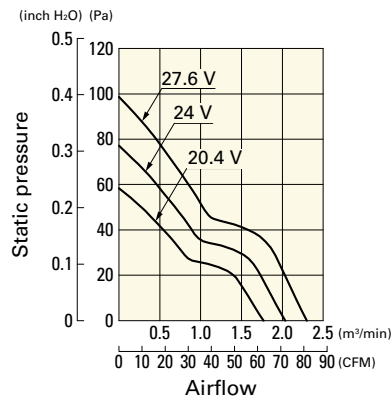
9G0924A201 With pulse sensor

Operating voltage range



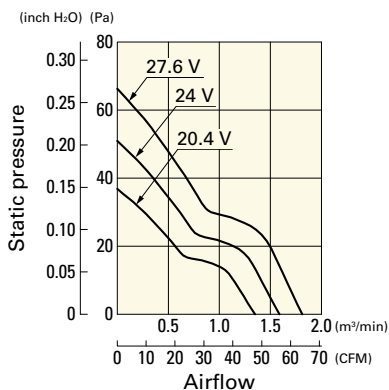
9G0924S201 With pulse sensor

Operating voltage range



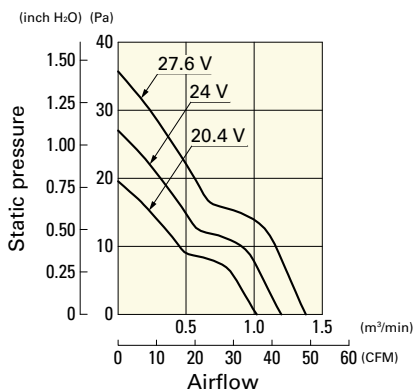
9G0924H201 With pulse sensor

Operating voltage range



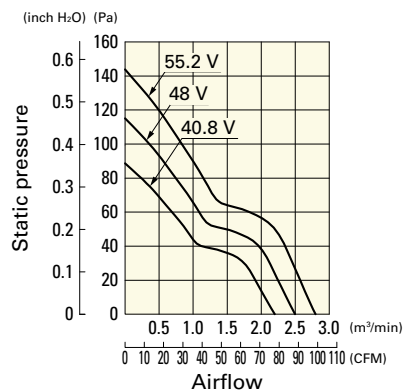
9G0924M201 With pulse sensor

Operating voltage range



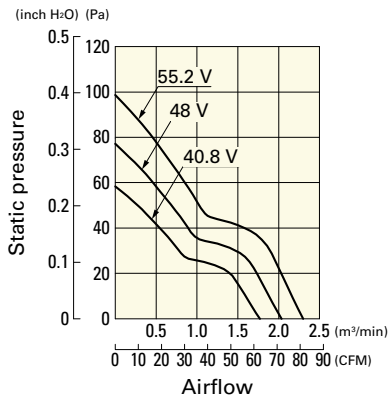
9G0948A201 With pulse sensor

Operating voltage range



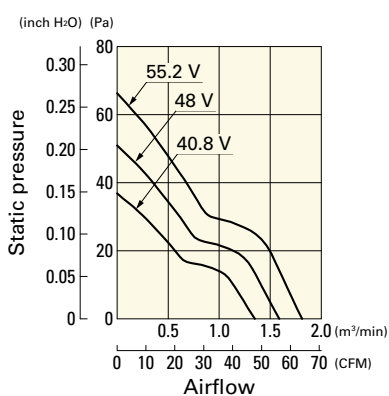
9G0948S201 With pulse sensor

Operating voltage range



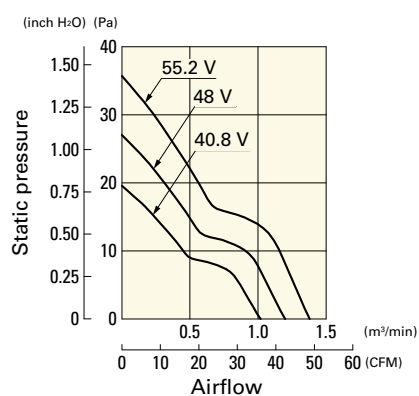
9G0948H201 With pulse sensor

Operating voltage range

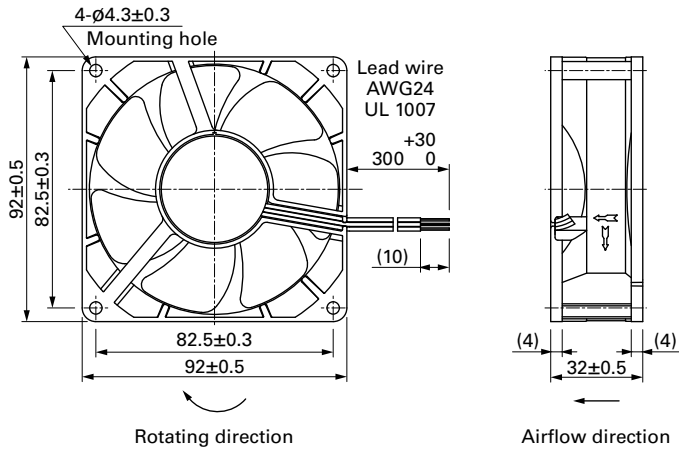


9G0948M201 With pulse sensor

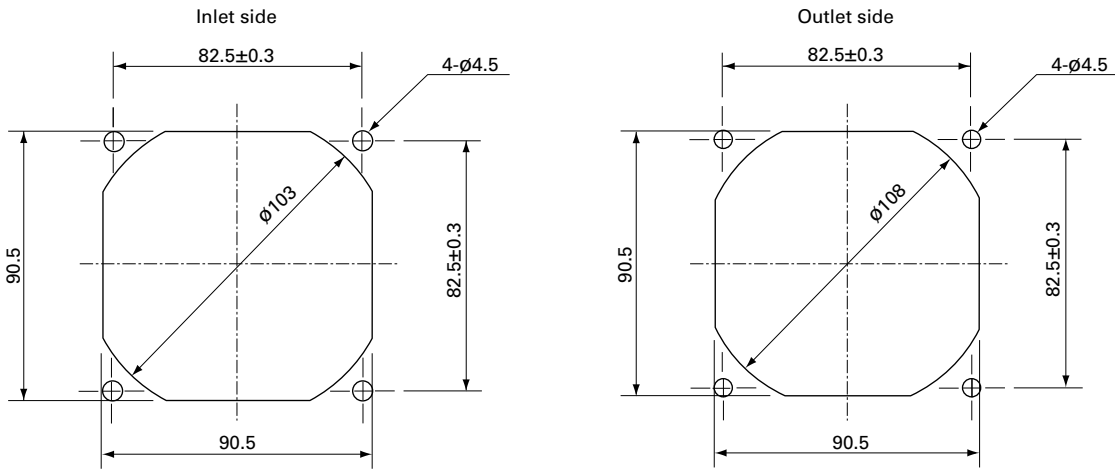
Operating voltage range



Dimensions (unit: mm) (With ribs)



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



Options

Finger guards

page: p. 564

Model no.: 109-099E, 109-099H, 109-099C

Resin finger guards

page: p. 571

Model no.: 109-1001G

Resin filter kits

page: p. 572

Model no.: 109-1001F13 (13PPI), 109-1001F20 (20PPI),
109-1001F30 (30PPI), 109-1001F40 (40PPI)