

92×92×25 mm

San Ace 92 9S type Silent Fan 


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. 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
- Mass 100 g

Specifications

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

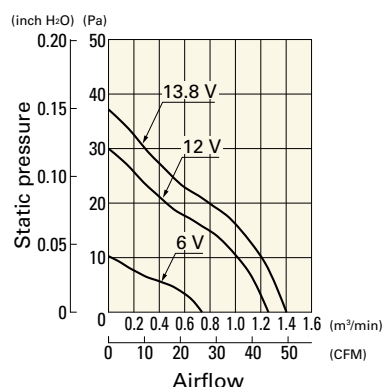
Model no.	Rated voltage [V]	Operating voltage range [V]	Rated current [A]	Rated input [W]	Rated speed [min ⁻¹]	Max. airflow [m ³ /min] [CFM]	Max. static pressure [Pa] [inchH ₂ O]	SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
9S0912F401	12	6 to 13.8	0.14	1.68	2650	1.26 44.5	30.0 0.12	27	-10 to +70	40000/60°C (70000/40°C)
9S0912M401		7 to 13.8	0.11	1.32	2250	1.07 37.8	21.6 0.087	22		
9S0912L401			0.07	0.84	1750	0.83 29.3	13.1 0.053	17		
9S0924F401	24	14 to 26.4	0.09	2.16	2650	1.26 44.5	30.0 0.12	27		
9S0924M401			0.07	1.68	2250	1.07 37.8	21.6 0.087	22		
9S0924L401			0.04	0.96	1750	0.83 29.3	13.1 0.053	17		

Note: Sensor and control options are available for selection. Refer to the table on p. 659.

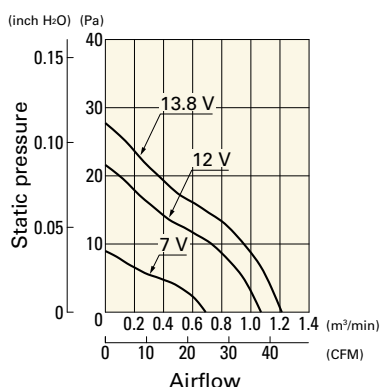
Airflow - Static Pressure Characteristics

9S0912F401 With pulse sensor

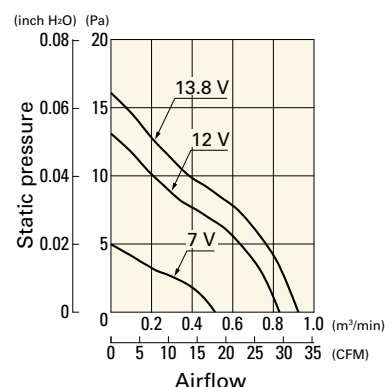
Operating voltage range


9S0912M401 With pulse sensor

Operating voltage range


9S0912L401 With pulse sensor

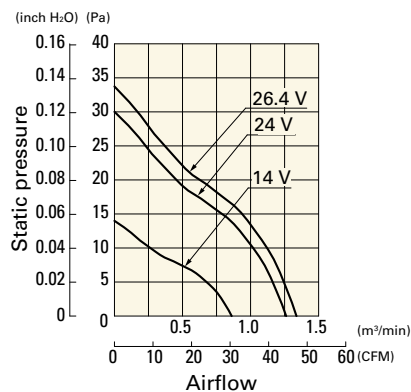
Operating voltage range



Airflow - Static Pressure Characteristics

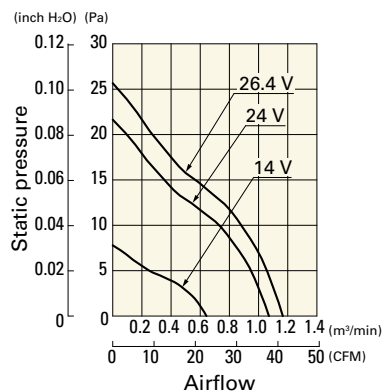
9S0924F401 With pulse sensor

Operating voltage range



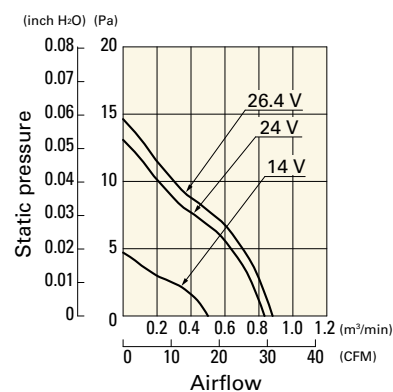
9S0924M401 With pulse sensor

Operating voltage range

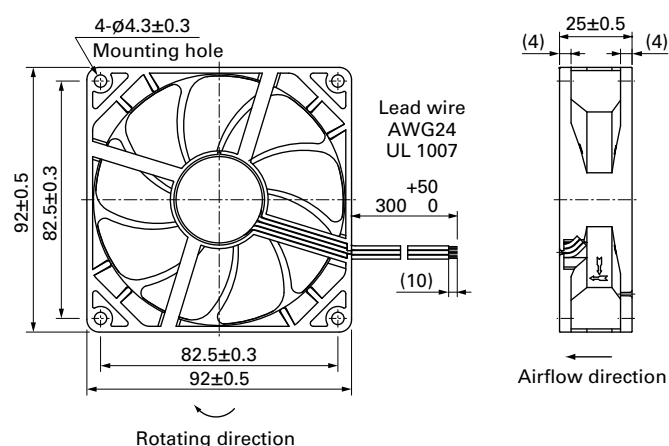


9S0924L401 With pulse sensor

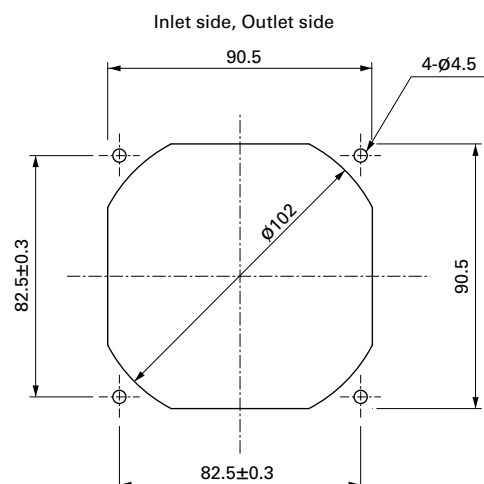
Operating voltage range



Dimensions (unit: mm) (With ribs)



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



Options

Finger guards

page: p. 598

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

Resin finger guards

page: p. 605

Model no.: 109-1001G

Resin filter kits

page: p. 606

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

Models listed in product pages	List of models (The models listed on the right of the models listed in product pages are option models. Option models may not necessarily comply with the same standards as the models listed in product pages. Contact us for details of the "—" models.)				Frame size	Rib	page
	Without sensor	With pulse sensor	With lock sensor	With PWM control and pulse sensor			
9RF1312P3H601	—	—	—	9RF1312P3H601	Ø136 × 28 mm	Yes	258
9RF1324P3H601	—	—	—	9RF1324P3H601	Ø136 × 28 mm	Yes	258
9RFA1312P3G001	—	—	—	9RFA1312P3G001	Ø136 × 28 mm	Yes	255
9RFA1312P3H001	—	—	—	9RFA1312P3H001	Ø136 × 28 mm	Yes	255
9RFA1324P3G001	—	—	—	9RFA1324P3G001	Ø136 × 28 mm	Yes	255
9RFA1324P3H001	—	—	—	9RFA1324P3H001	Ø136 × 28 mm	Yes	255
9S0612F401	9S0612F402	9S0612F401	9S0612F4D01	9S0612P4F01	60 × 60 × 25 mm	Yes	80
9S0612F4011	9S0612F4021	9S0612F4011	9S0612F4D011	9S0612P4F011	60 × 60 × 25 mm	No	80
9S0612H401	9S0612H402	9S0612H401	9S0612H4D01	9S0612P4H01	60 × 60 × 25 mm	Yes	80
9S0612H4011	9S0612H4021	9S0612H4011	9S0612H4D011	9S0612P4H011	60 × 60 × 25 mm	No	80
9S0612M401	9S0612M402	9S0612M401	9S0612M4D01	9S0612P4M01	60 × 60 × 25 mm	Yes	80
9S0612M4011	9S0612M4021	9S0612M4011	9S0612M4D011	—	60 × 60 × 25 mm	No	80
9S0612S401	9S0612S402	9S0612S401	9S0612S4D01	9S0612P4S01	60 × 60 × 25 mm	Yes	80
9S0612S4011	—	9S0612S4011	—	9S0612P4S011	60 × 60 × 25 mm	No	80
9S0812F401	9S0812F402	9S0812F401	9S0812F4D01	9S0812P4F01	80 × 80 × 25 mm	Yes	108
9S0812F4011	9S0812F4021	9S0812F4011	9S0812F4D011	9S0812P4F011	80 × 80 × 25 mm	No	108
9S0812H401	9S0812H402	9S0812H401	9S0812H4D01	—	80 × 80 × 25 mm	Yes	108
9S0812H4011	—	9S0812H4011	9S0812H4D011	—	80 × 80 × 25 mm	No	108
9S0812L401	9S0812L402	9S0812L401	9S0812L4D01	—	80 × 80 × 25 mm	Yes	108
9S0812L4011	9S0812L4021	9S0812L4011	9S0812L4D011	—	80 × 80 × 25 mm	No	108
9S0812M401	9S0812M402	9S0812M401	9S0812M4D01	9S0812P4M01	80 × 80 × 25 mm	Yes	108
9S0812M4011	9S0812M4021	9S0812M4011	9S0812M4D011	9S0812P4M011	80 × 80 × 25 mm	No	108
9S0824L401	9S0824L402	9S0824L401	9S0824L4D01	—	80 × 80 × 25 mm	Yes	108
9S0824L4011	9S0824L4021	9S0824L4011	9S0824L4D011	—	80 × 80 × 25 mm	No	108
9S0824M401	9S0824M402	9S0824M401	9S0824M4D01	—	80 × 80 × 25 mm	Yes	108
9S0824M4011	9S0824M4021	9S0824M4011	9S0824M4D011	—	80 × 80 × 25 mm	No	108
9S0912F401	9S0912F402	9S0912F401	9S0912F4D01	9S0912P4F01	92 × 92 × 25 mm	Yes	141
9S0912F4011	9S0912F4021	9S0912F4011	9S0912F4D011	9S0912P4F011	92 × 92 × 25 mm	No	141
9S0912L401	9S0912L402	9S0912L401	9S0912L4D01	—	92 × 92 × 25 mm	Yes	141
9S0912L4011	9S0912L4021	9S0912L4011	9S0912L4D011	—	92 × 92 × 25 mm	No	141
9S0912M401	9S0912M402	9S0912M401	9S0912M4D01	9S0912P4M01	92 × 92 × 25 mm	Yes	141
9S0912M4011	9S0912M4021	9S0912M4011	9S0912M4D011	9S0912P4M011	92 × 92 × 25 mm	No	141
9S0924F401	9S0924F402	9S0924F401	9S0924F4D01	—	92 × 92 × 25 mm	Yes	141
9S0924F4011	9S0924F4021	9S0924F4011	—	—	92 × 92 × 25 mm	No	141
9S0924L401	9S0924L402	9S0924L401	9S0924L4D01	—	92 × 92 × 25 mm	Yes	141
9S0924L4011	9S0924L4021	9S0924L4011	—	—	92 × 92 × 25 mm	No	141
9S0924M401	9S0924M402	9S0924M401	9S0924M4D01	—	92 × 92 × 25 mm	Yes	141
9S0924M4011	9S0924M4021	9S0924M4011	—	—	92 × 92 × 25 mm	No	141
9S1212F401	9S1212F402	9S1212F401	9S1212F4D01	9S1212P4F01	120 × 120 × 25 mm	Yes	171
9S1212F4011	9S1212F4021	9S1212F4011	9S1212F4D011	9S1212P4F011	120 × 120 × 25 mm	No	171
9S1212H401	9S1212H402	9S1212H401	9S1212H4D01	9S1212P4H01	120 × 120 × 25 mm	Yes	171
9S1212H4011	9S1212H4021	9S1212H4011	—	9S1212P4H011	120 × 120 × 25 mm	No	171
9S1212L401	9S1212L402	9S1212L401	9S1212L4D01	—	120 × 120 × 25 mm	Yes	171
9S1212L4011	9S1212L4021	9S1212L4011	9S1212L4D011	9S1212P4L011	120 × 120 × 25 mm	No	171
9S1212M401	9S1212M402	9S1212M401	9S1212M4D01	9S1212P4M01	120 × 120 × 25 mm	Yes	171
9S1212M4011	9S1212M4021	9S1212M4011	9S1212M4D011	9S1212P4M011	120 × 120 × 25 mm	No	171
9S1224M401	9S1224M402	9S1224M401	9S1224M4D01	—	120 × 120 × 25 mm	Yes	171
9S1224M4011	9S1224M4021	9S1224M4011	9S1224M4D011	—	120 × 120 × 25 mm	No	171
9SG5724P5H61	9SG5724H562	—	—	9SG5724P5H61	Ø172 × 150 × 51 mm	No	200
9SG5748P5G01	—	—	—	9SG5748P5G01	Ø172 × 150 × 51 mm	No	200
9SG5748P5H01	—	9SG5748H501	—	9SG5748P5H01	Ø172 × 150 × 51 mm	No	200
9SX1212P1K001	—	—	—	9SX1212P1K001	120 × 120 × 38 mm	No	176
9TD12P6G001	—	—	—	9TD12P6G001	Ø70 × 20 mm	No	286
9TG24P0G01	9TG24G002	9TG24G001	—	9TG24P0G01	Ø175 × 69 mm	—	298
9TG24P0S01	9TG24S002	9TG24S001	—	9TG24P0S01	Ø175 × 69 mm	—	298
9TG48P0G01	—	—	—	9TG48P0G01	Ø175 × 69 mm	—	298
9TGA24P0H001	—	—	—	9TGA24P0H001	Ø175 × 69 mm	—	295

Note: For compliance with standards, see individual product pages. Please contact your point of sale regarding low-speed sensors.