

127×127×38 mm

San Ace 127 9E type


General Specifications

- Material Frame: Aluminum, 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)
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. 573.
- 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 or Blue Sensor Yellow
- Mass 400 g

Specifications

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

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]
109E1312A101	12	10.2 to 13.8	1.4	16.8	3850	4.81 170	155 0.622	52	-20 to +70	60000/60°C (90000/40°C)
109E1312S101			1.2	14.4	3450	4.37 154	125 0.502	49		
109E1324G101	24	20.4 to 27.6	1.1	26.4	4550	5.66 200	216 0.867	57	-20 to +60	40000/60°C (70000/40°C)
109E1324A101			0.7	16.8	3850	4.81 170	155 0.622	52		
109E1324S101			0.53	12.7	3450	4.37 154	125 0.502	49		
109E1348G101	48	40.8 to 55.2	0.54	25.9	4550	5.66 200	216 0.867	57	-20 to +60	40000/60°C (70000/40°C)
109E1348A101			0.36	17.3	3850	4.81 170	155 0.622	52		
109E1348S101			0.28	13.4	3450	4.37 154	125 0.502	49		

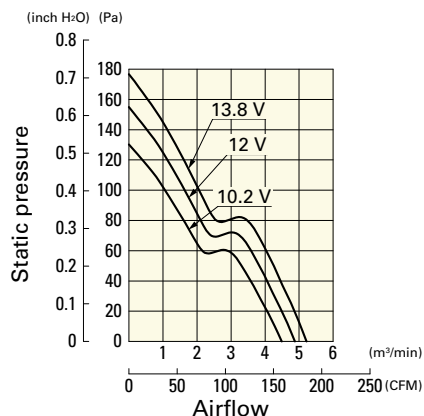
The following sensor and control options are available for selection.

Available for all models. Without sensor Lock sensor

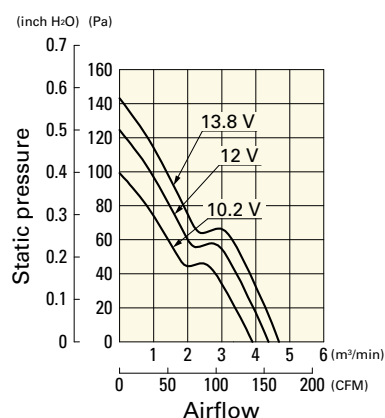
Airflow - Static Pressure Characteristics

109E1312A101 With pulse sensor

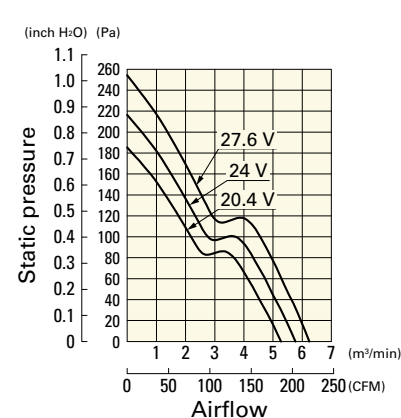
Operating voltage range


109E1312S101 With pulse sensor

Operating voltage range


109E1324G101 With pulse sensor

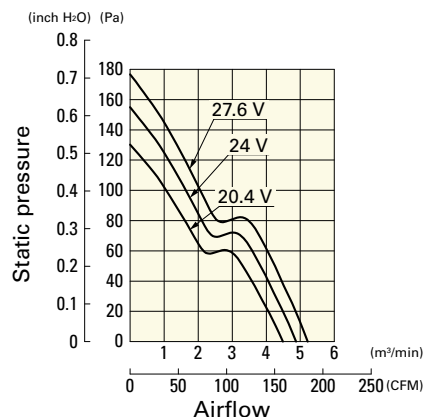
Operating voltage range



Airflow - Static Pressure Characteristics

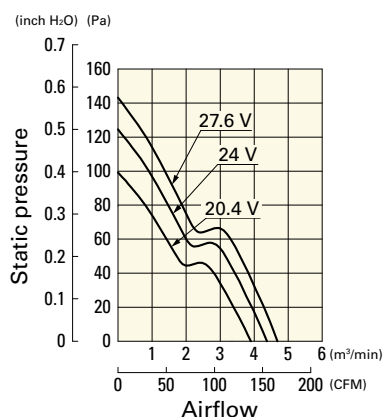
109E1324A101 With pulse sensor

Operating voltage range



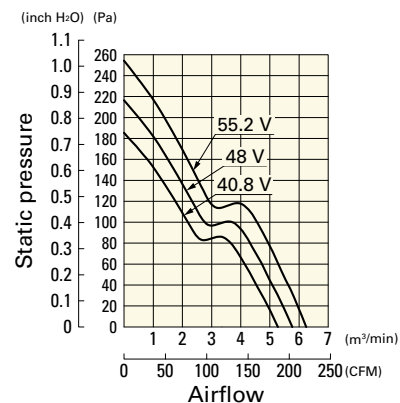
109E1324S101 With pulse sensor

Operating voltage range



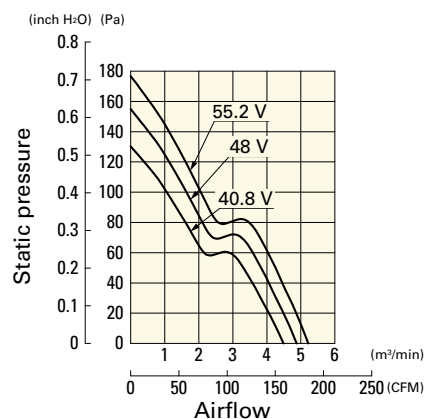
109E1348G101 With pulse sensor

Operating voltage range



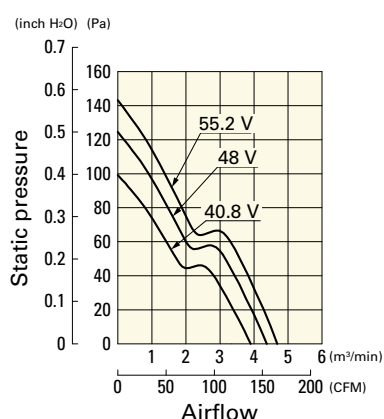
109E1348A101 With pulse sensor

Operating voltage range

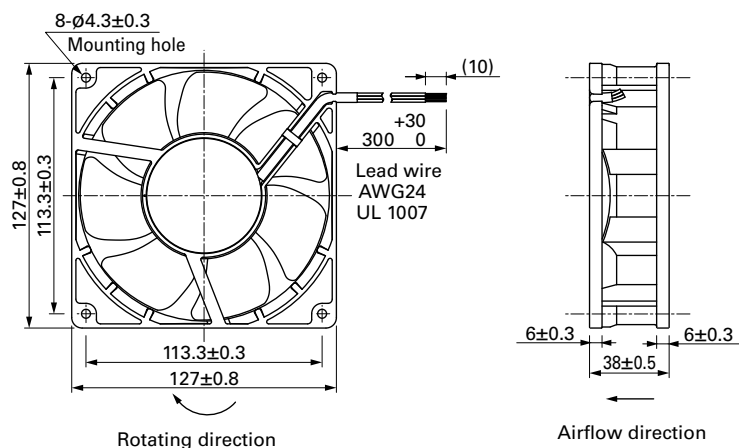


109E1348S101 With pulse sensor

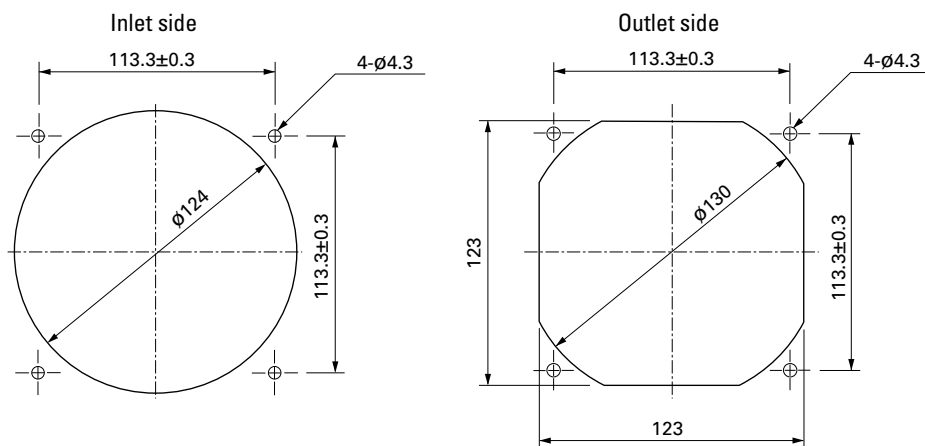
Operating voltage range



Dimensions (unit: mm)



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



Options

Finger guards

page: p. 559

Model no.: 109-722, 109-722H, 109-723

DC Fan

127×127×38 mm

San Ace 127 9P 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. 573.
- 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 or Blue Sensor Yellow
- Mass 350 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]
109P1312S101	12	10.2 to 13.8	1.3	15.6	3300	4.2 148	117.6 0.472	47	-20 to +60	40000/60°C (70000/40°C)
109P1312H101			0.82	9.84	2950	3.8 134	98 0.394	45		
109P1324S101			0.55	13.2	3300	4.2 148	117.6 0.472	47		
109P1324H101	24	20.4 to 27.6	0.41	9.84	2950	3.8 134	98 0.394	45		
109P1348S101			0.3	14.4	3300	4.2 148	117.6 0.472	47		
109P1348H101			0.2	9.6	2950	3.8 134	98 0.394	45		

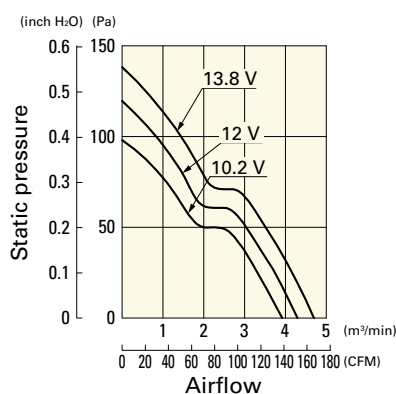
The following sensor and control options are available for selection.

Available for all models. Without sensor Lock sensor

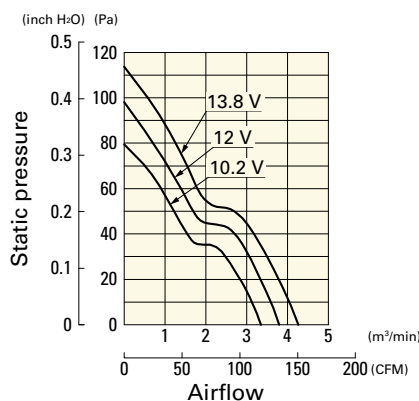
Airflow - Static Pressure Characteristics

109P1312S101 With pulse sensor

Operating voltage range


109P1312H101 With pulse sensor

Operating voltage range


109P1324S101 With pulse sensor

Operating voltage range

