

Ø172×150×51 mm

San Ace 172L 9L type

Sidecut 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. 608.
- 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 760 g

Specifications

The models listed below **have a pulse sensor**.

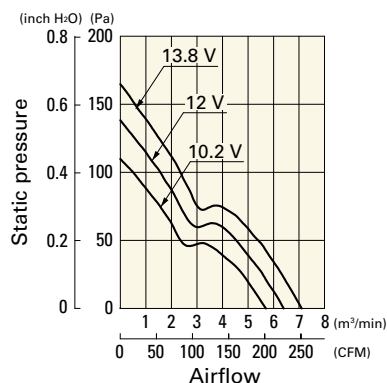
Model no.	Rated voltage [V]	Operating voltage range [V]	Rated current [A]	Rated input [W]	Rated speed [min ⁻¹]	Max. airflow [m ³ /min] [CFM]	Max. static pressure [Pa] [inchH ₂ O]	SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
109L5712H501	12	10.2 to 13.8	1.2	14.4	3050	6.4 226	137.2 0.551	52	-20 to +70	100000/60°C (135000/40°C)
109L5712M501			0.48	5.76	2000	4.2 148	67.6 0.271	41		
109L5724H501			0.58	13.92	3050	6.4 226	137.2 0.551	52		
109L5724M501	24	20.4 to 27.6	0.2	4.8	2000	4.2 148	67.6 0.271	41		
109L5748H501			0.28	13.44	3050	6.4 226	137.2 0.551	52		
109L5748M501			0.11	5.28	2000	4.2 148	67.6 0.271	41		

Note: Sensor and control options are available for selection. Refer to the table on p. 635.

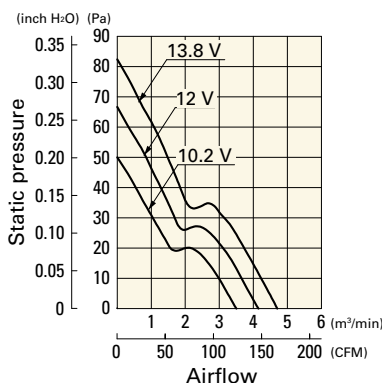
Airflow - Static Pressure Characteristics

109L5712H501 With pulse sensor

Operating voltage range


109L5712M501 With pulse sensor

Operating voltage range


109L5724H501 With pulse sensor

Operating voltage range

