

40×40×28 mm

San Ace 40L 9L 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)
- Motor protection function Locked rotor burnout protection, Reverse polarity protection
For details, please refer to p. 547.
- 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 55 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]
9L0412J301	12	10.2 to 13.8	0.31	3.72	11700	0.52 18.4	206 0.827	48	-20 to +70	100000/60°C
9L0412H301			0.15	1.8	8400	0.37 13.1	106 0.426	40		
9L0412M301			0.045	0.54	4000	0.16 5.65	24 0.096	19		

The following sensor and control options are available for selection.

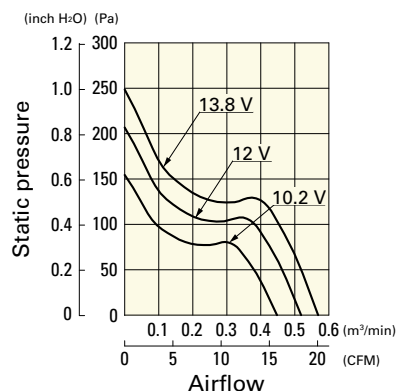
Available for all models. **Without sensor** **Lock sensor**

Differs according to the model. Refer to the table on pp. 575 to 576. **PWM control**

Airflow - Static Pressure Characteristics

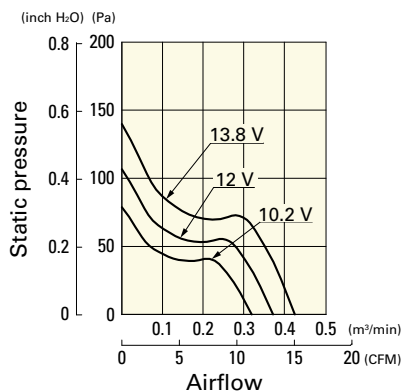
9L0412J301 With pulse sensor

Operating voltage range



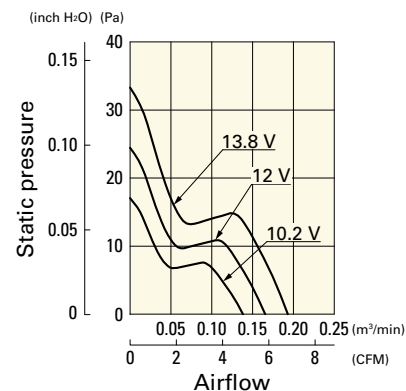
9L0412H301 With pulse sensor

Operating voltage range

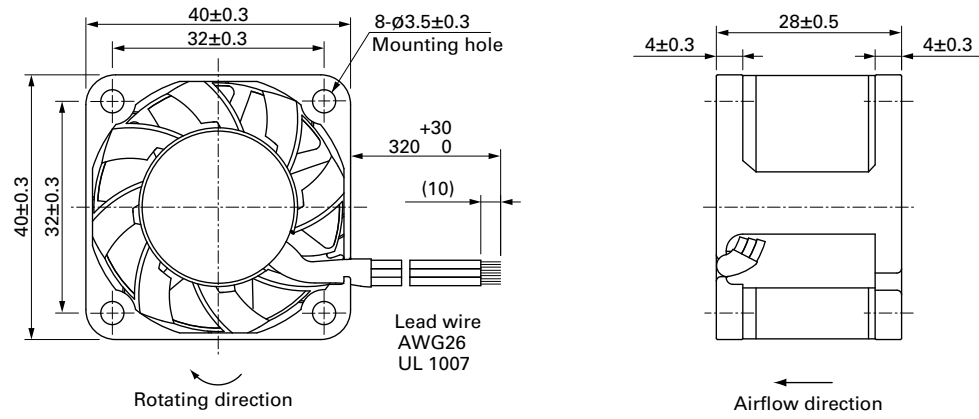


9L0412M301 With pulse sensor

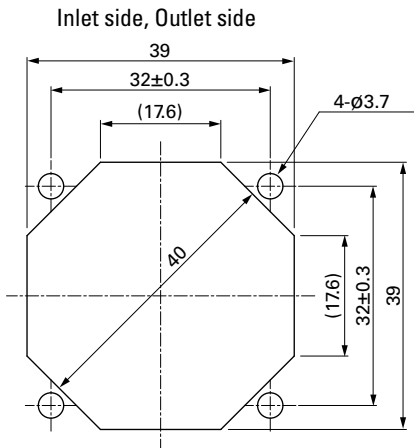
Operating voltage range



■ Dimensions (unit: mm)



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



■ Options

Finger guards

page: p. 532

Model no.: 109-059, 109-059H

DC
Long Life Fan 40 mm sq.