

40×40×28 mm

San Ace 40 9GV type



General Specifications

- Material Frame: Plastic (Flammability: UL 94V-0), 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 -20 to +70°C (Non-condensing)
- Lead wire ⊕Red ⊖Black or Blue ☐ Sensor ☐ Yellow
- Mass 50 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]
9GV0412K301	12	10.8 to 12.6	0.84	10.08	16500	0.76 26.8	415 1.668	58	-20 to +60	40000/60°C (70000/40°C)
9GV0412J301		7 to 13.2	0.6	7.2	14700	0.68 24.0	330 1.325	55		
9GV0412G301			0.47	5.64	13000	0.6 21.1	260 1.044	52		
9GV0412H301			0.31	3.72	11600	0.53 18.7	207 0.831	49		
9GV0412C301			0.15	1.8	8300	0.37 13.1	100 0.402	41	-20 to +70	

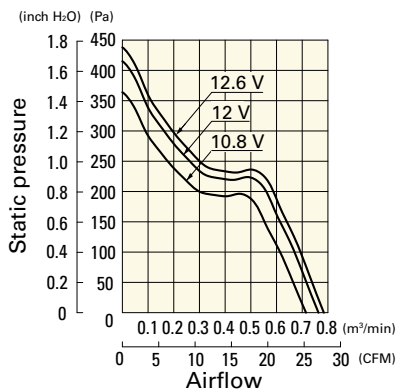
The following sensor and control options are available for selection.

Differs according to the model. Refer to the table on p. 606. ☐ Without sensor ☐ Lock sensor ☐ PWM control

Airflow - Static Pressure Characteristics

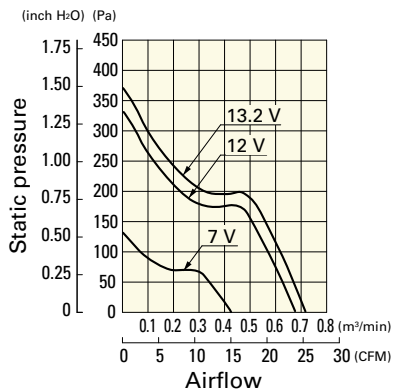
9GV0412K301 With pulse sensor

Operating voltage range



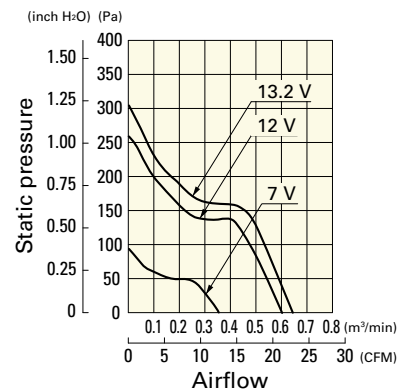
9GV0412J301 With pulse sensor

Operating voltage range



9GV0412G301 With pulse sensor

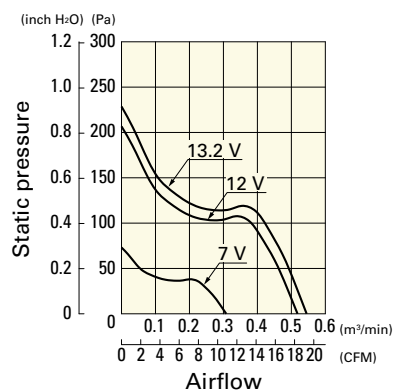
Operating voltage range



Airflow - Static Pressure Characteristics

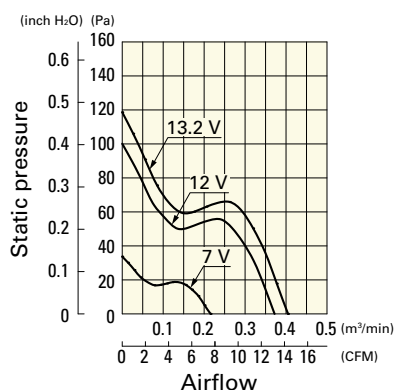
9GV0412H301 With pulse sensor

Operating voltage range

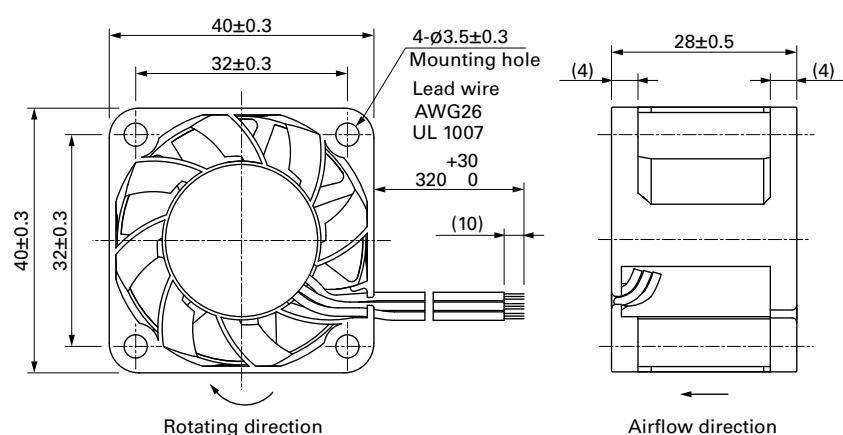


9GV0412C301 With pulse sensor

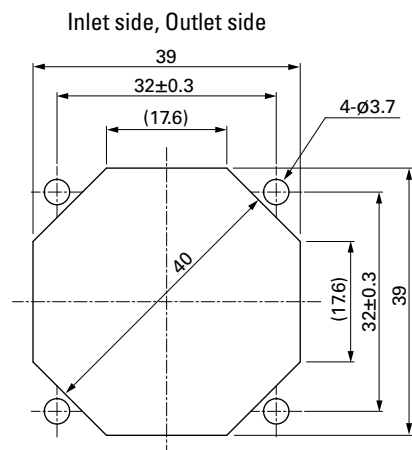
Operating voltage range



Dimensions (unit: mm) (With ribs)



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



Options

Finger guards

page: p. 558

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