



40x40x28 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			0.6	7.2	14700	0.68 24.0	330 1.325	55		
9GV0412G301		7 to 13.2	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	

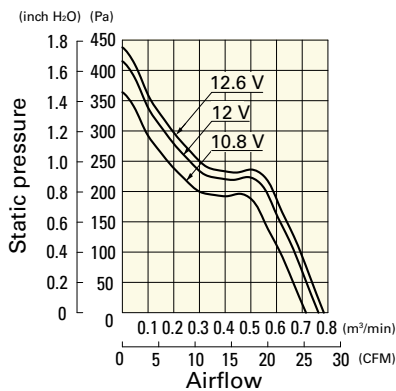
The following sensor and control options are available for selection.

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

Airflow - Static Pressure Characteristics

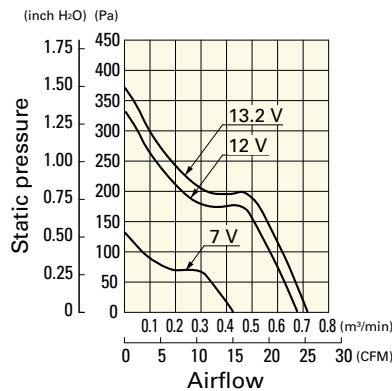
9GV0412K301 With pulse sensor

Operating voltage range



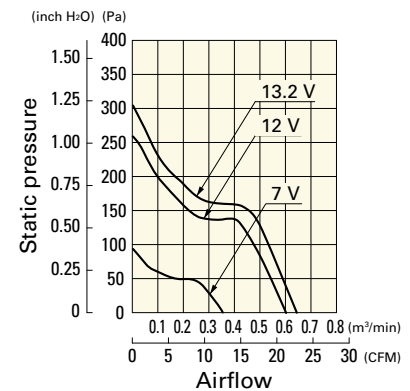
9GV0412J301 With pulse sensor

Operating voltage range



9GV0412G301 With pulse sensor

Operating voltage range



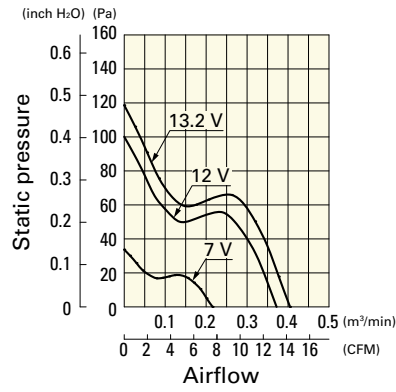
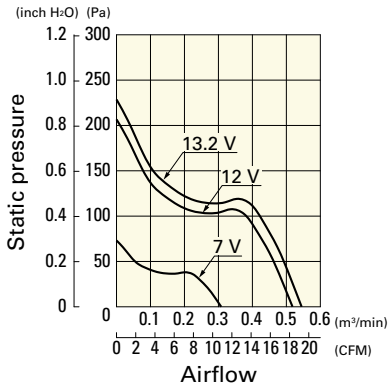
Airflow - Static Pressure Characteristics

9GV0412H301 With pulse sensor

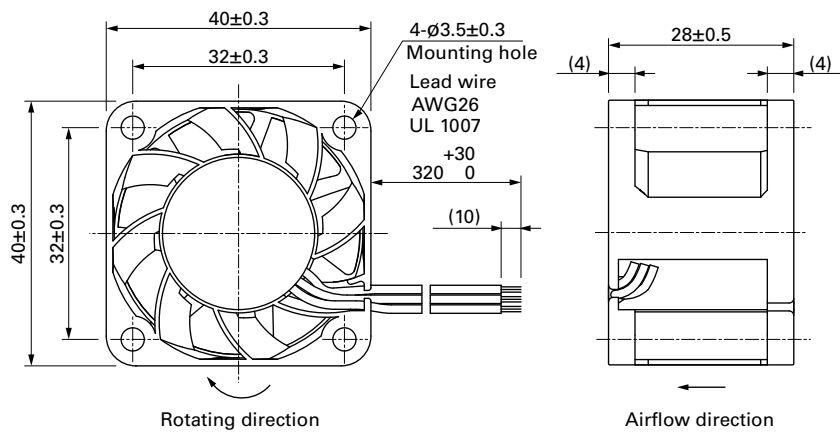
9GV0412C301 With pulse sensor

Operating voltage range

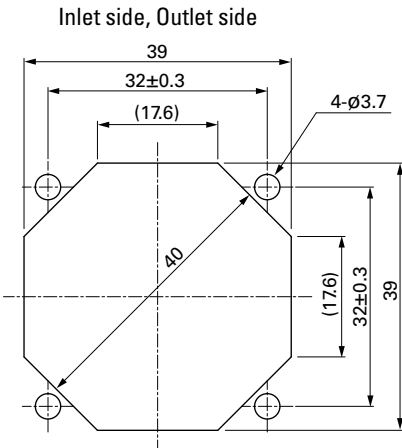
Operating voltage range



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