

80mm sq.

San Ace 80

15mm thick, 20mm thick, 25mm thick, **25mm thick (GV type)**
25mm thick (San Cooler), 32mm thick
38mm thick (GV type), 38mm thick (G type)

General Specifications **With a pulse sensor** Specifications for pulse sensors ⇨ Refer to Page 297

With PWM speed control function ➡ Refer to Page 299

- Material Frame: Plastics (Flammability: UL94V-0),
Impeller: Plastics (Flammability: UL94V-1)
- Expected Life Varies for each model (L10: Survival rate: 90% at 60°C,
rated voltage, and continuously run in a free air state)
- Lead Wire ⊕ red ⊖ black Sensor yellow Control brown
- Storage Temperature ... -30°C to +70°C (Non-condensing)



80×80×25mm [Mass : 125g]

GV type



Specifications The numbers in () represent ribless models.

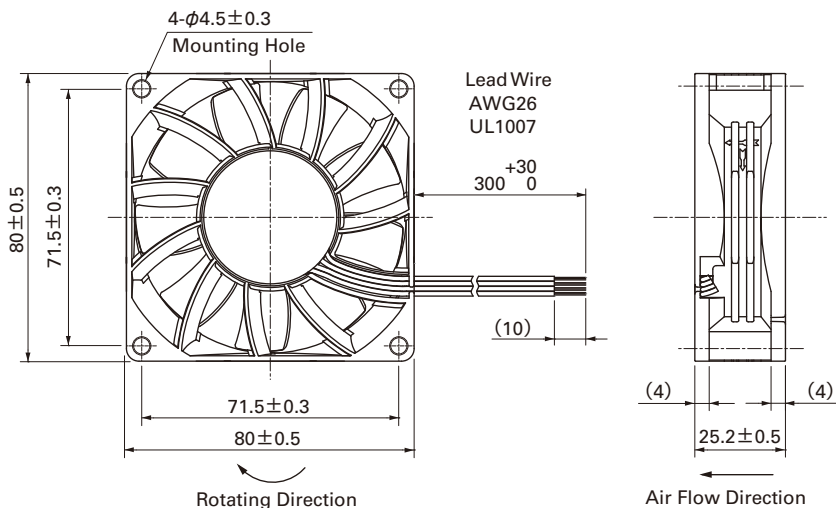
Model No.	Rated Voltage [V]	Operating Voltage Range [V]	PWM duty cycle※ [%]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Max. Air Flow [m³/min] [CFM]		Max. Static Pressure [Pa] [inchH ₂ O]		SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]
9GV0812P4K03(031)	12	10.2 to 13.8	100	0.87	10.4	5,600	2.12	74.8	173.0	0.69	52	- 10 to + 70	40,000
			0	0.10	1.2	1,400	0.53	18.7	10.8	0.04	18		
9GV0812P4J03(031)			100	0.47	5.6	4,500	1.72	60.7	110.0	0.44	46		
			0	0.07	0.8	1,200	0.46	16.2	7.8	0.03	14		
9GV0824P4K01(011)	24	20.4 to 27.6	100	0.44	10.56	5,600	2.12	74.8	173	0.69	52		
			0	0.06	1.44	1,400	0.53	18.7	10.8	0.04	18		
9GV0848P4K03(031)	48	43 to 53	100	0.22	10.56	5,600	2.12	74.8	173.0	0.69	52		
			0	0.04	1.92	1,500	0.57	20.1	12.4	0.05	19		

※PWM Frequency : 25kHz

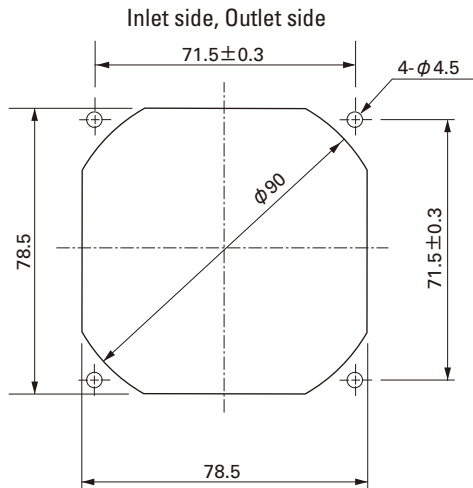
Without Sensor **Pulse Sensor** **PWM Control** Available in all models.

Lock Sensor Please inquire as the availability of these functions depend on the model.

■ Dimensions (Unit : mm) (With ribs)



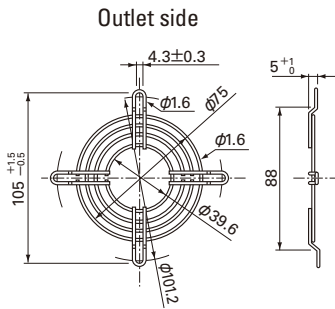
Reference dimension of mounting holes and vent opening (Unit : mm)



Options (Unit : mm)

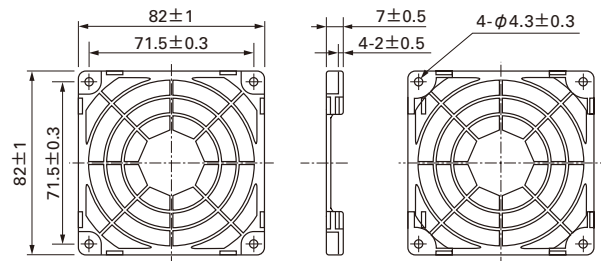
Finger guards

Model : 109-049C Color : Nickel-chrome plating (silver)

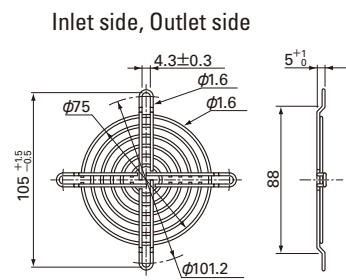


Resin finger guards

Model : 109-1002G

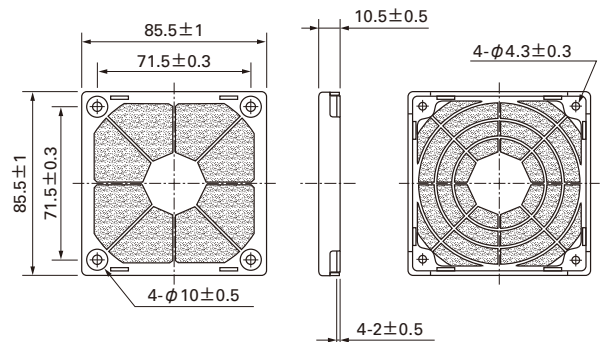


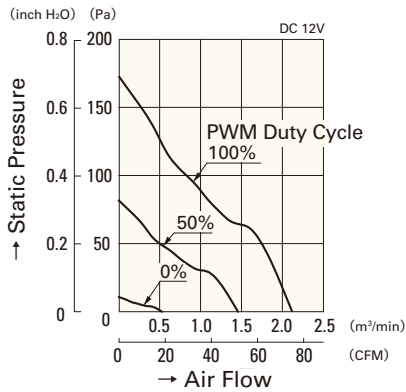
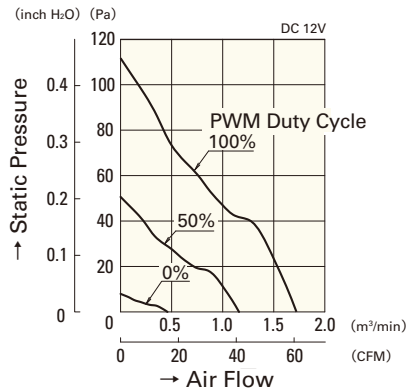
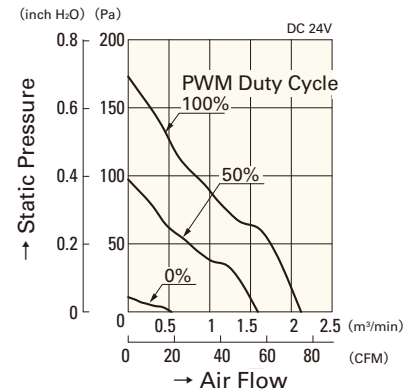
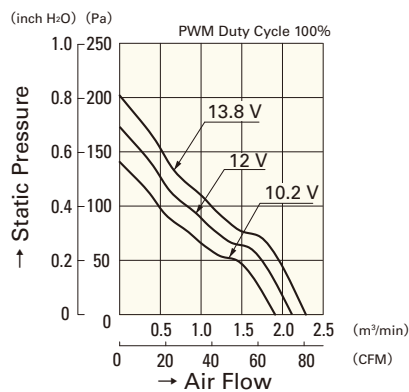
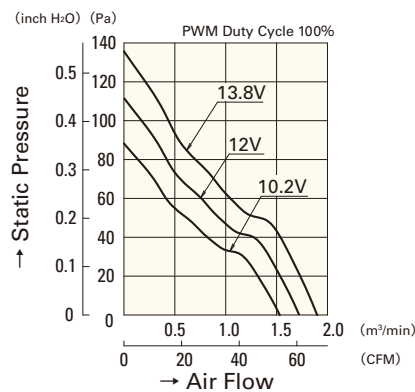
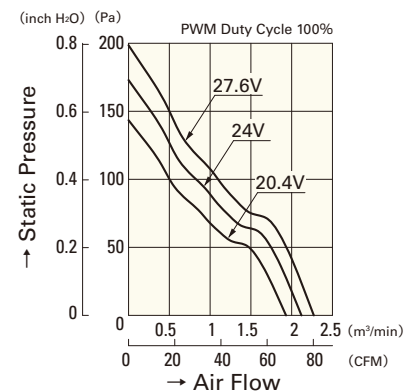
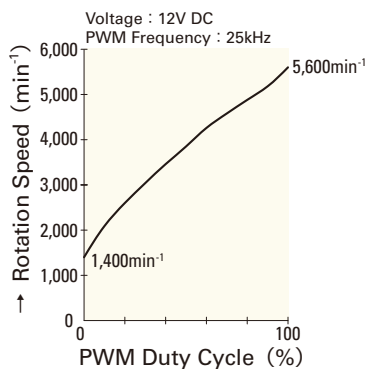
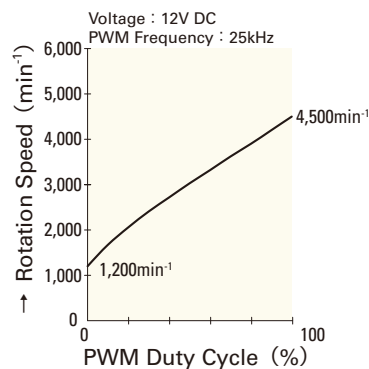
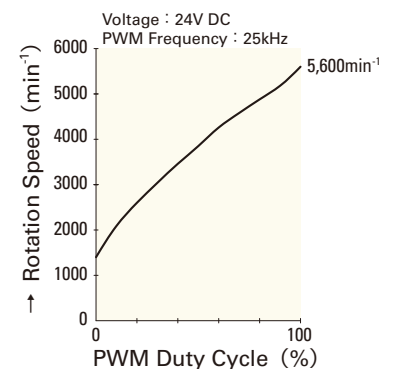
Model : 109-049E Color : Nickel-chrome plating (silver)
Model : 109-049H Color : Cation electropainting (black)

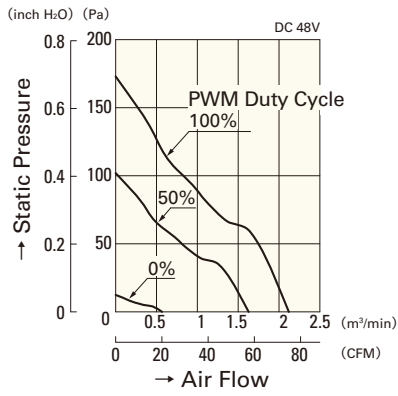


Resin filter kits

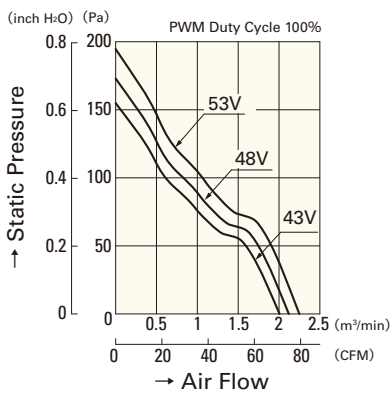
Model : 109-1002F13 (13PPI), 109-1002F20 (20PPI)
Model : 109-1002F30 (30PPI), 109-1002F40 (40PPI)



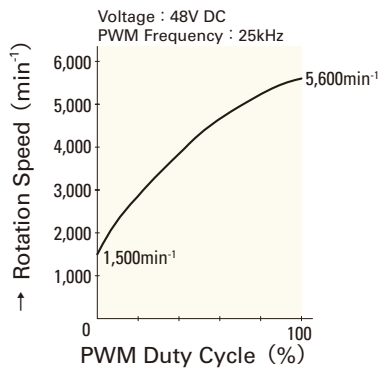
80mm sq.**San Ace 80****80×80×25mm** [Mass : 125g]**Air Flow - Static Pressure Characteristics****PWM Duty Cycle****9GV0812P4K03(031)****9GV0812P4J03(031)****9GV0824P4K01(011)****Operating Voltage Range****9GV0812P4K03(031)****9GV0812P4J03(031)****9GV0824P4K01(011)****PWM Duty - Speed Characteristics Example****9GV0812P4K03(031)****9GV0812P4J03(031)****9GV0824P4K01(011)**



9GV0848P4K03(031)



9GV0848P4K03(031)



9GV0848P4K03(031)