

80mm sq.**San Ace 80****General Specifications**

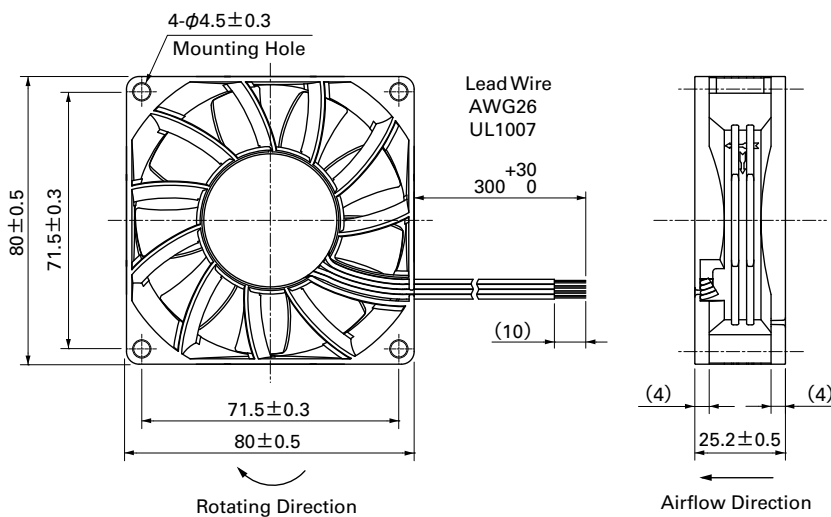
- Material.....Frame: Plastics (Flammability: UL94V-0),
Impeller: Plastics (Flammability: UL94V-1)
- Expected LifeRefer to specifications (L10:Survival rate:90% at 60°C ,
rated voltage, and continuously run in a free air state)
- Lead Wire⊕red ⊖black (Sensor) yellow (Control) brown
- Storage Temperature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

80×80×25mm (Mass : 125g) **9GV type** **Specifications** The following nos. **have PWM controls, pulse sensors, and ribs.** For ribless, append "1" to the model no.

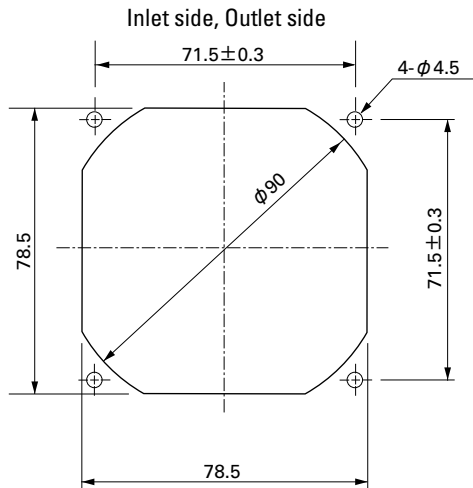
Model No.	Rated Voltage [V]	Operating Voltage Range [V]	PWM duty cycle* [%]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Max. Airflow [m³/min] [CFM]	Max. Static Pressure [Pa] [inchH ₂ O]	SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]
9GV0812P4K03	12	10.2 to 13.8	100	0.87	10.4	5,600	2.12 74.8	173.0 0.69	52	-20 to +70	40,000/60°C
			0	0.10	1.2	1,400	0.50 18.7	10.3 0.04	18		
9GV0812P4J03			100	0.47	5.6	4,500	1.72 60.7	110.0 0.44	46		
			0	0.07	0.8	1,200	0.45 16.2	7.5 0.03	14		
9GV0824P4K01	24	20.4 to 27.6	100	0.44	10.56	5,600	2.12 74.8	173.0 0.69	52		
			0	0.06	1.44	1,400	0.53 18.7	10.8 0.04	18		
9GV0848P4K03	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

Other sensor specifications are available as options. Please refer to the index (p. 507).

Dimensions (unit: mm) (With ribs)

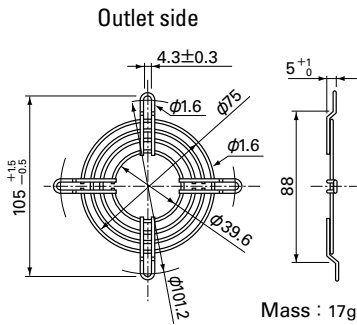
Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)



Options (unit: mm)

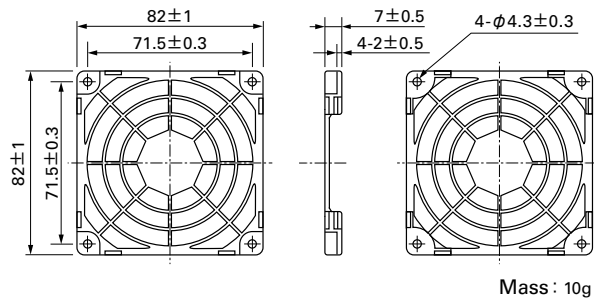
Finger Guards

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

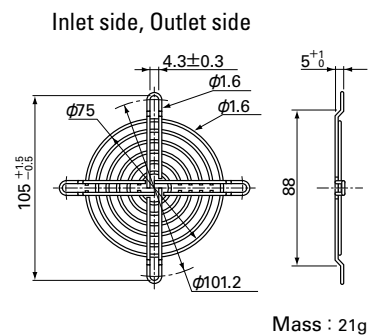


Resin Finger Guards

Model : 109-1002G

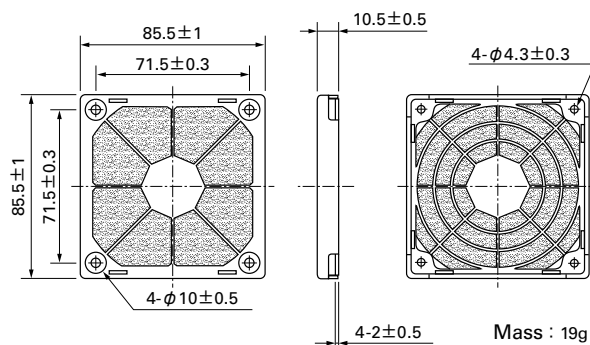


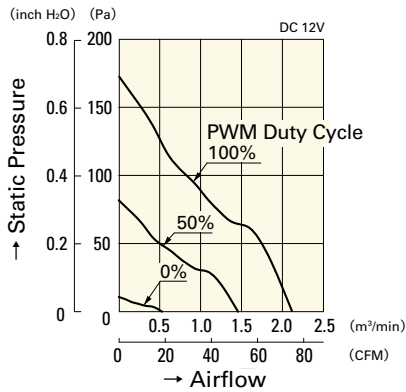
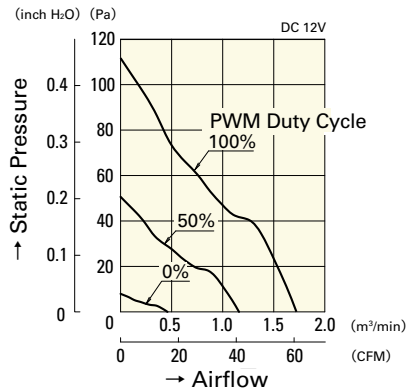
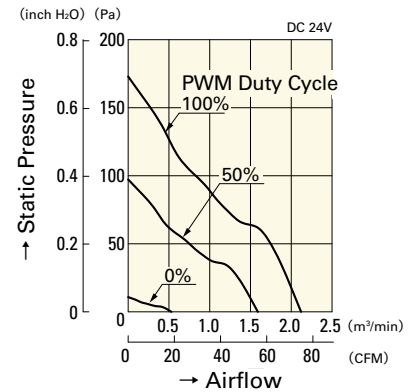
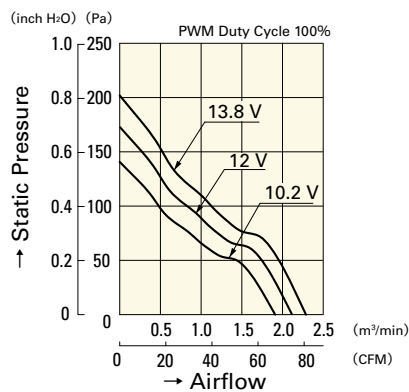
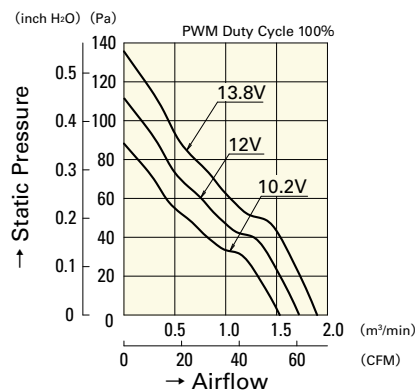
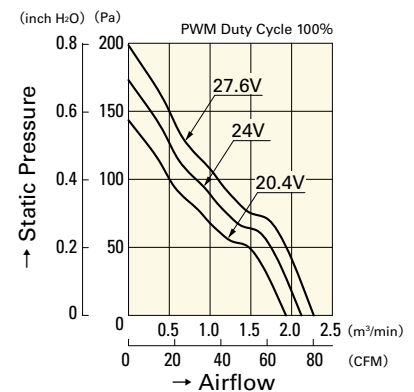
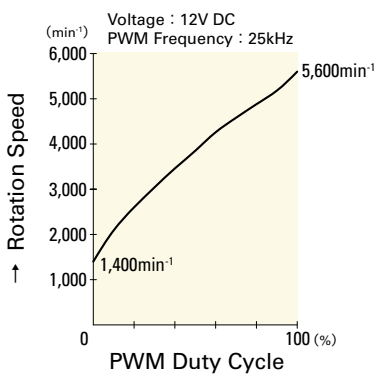
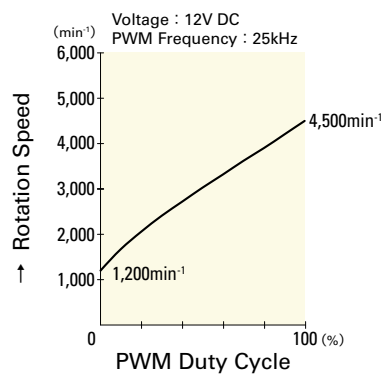
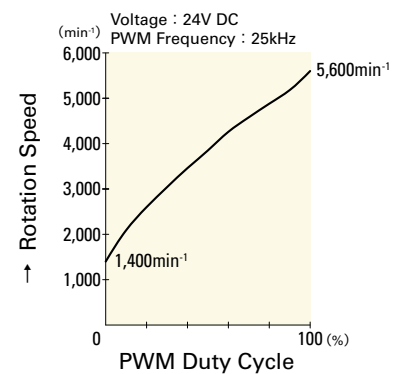
Model : 109-049E Surface treatment : Nickel-chrome plating (silver) Color : Nickel-chrome plating (silver)
Model : 109-049H Surface treatment : Cation electropainting (black) Color : Cation electropainting (black)

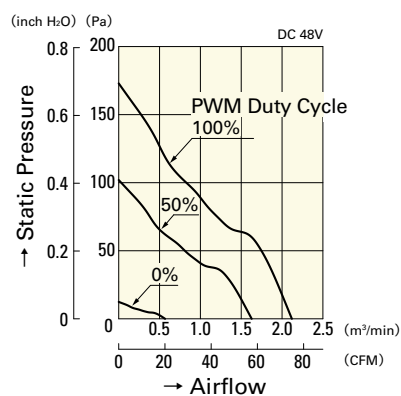


Resin Filter Kits

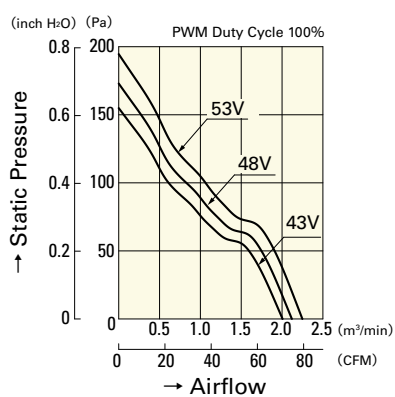
Model : 109-1002F13 (13PPI), 109-1002F20 (20PPI)
Model : 109-1002F30 (30PPI), 109-1002F40 (40PPI)



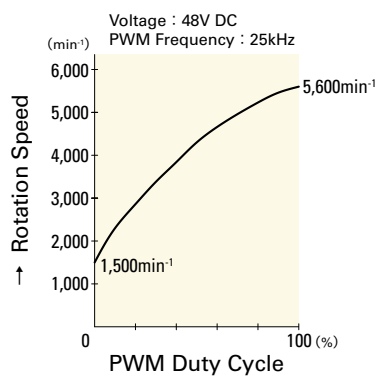
80mm sq.**San Ace 80****80×80×25mm** [Mass : 125g]**Airflow - Static Pressure Characteristics****PWM Duty Cycle****9GV0812P4K03****9GV0812P4J03****9GV0824P4K01****Operating Voltage Range****9GV0812P4K03****9GV0812P4J03****9GV0824P4K01****PWM Duty - Speed Characteristics Example****9GV0812P4K03****9GV0812P4J03****9GV0824P4K01**



9GV0848P4K03



9GV0848P4K03



9GV0848P4K03

Mouser Electronics

Authorized Distributor

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[9GV0848K4D01](#) [9GV0812K402](#) [9GV0824K401](#) [9GV0812K4D01](#) [9GV0848K401](#) [9GV0812K4021](#) [9GV0812J4D01](#)
[9GV0812J401](#)