

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

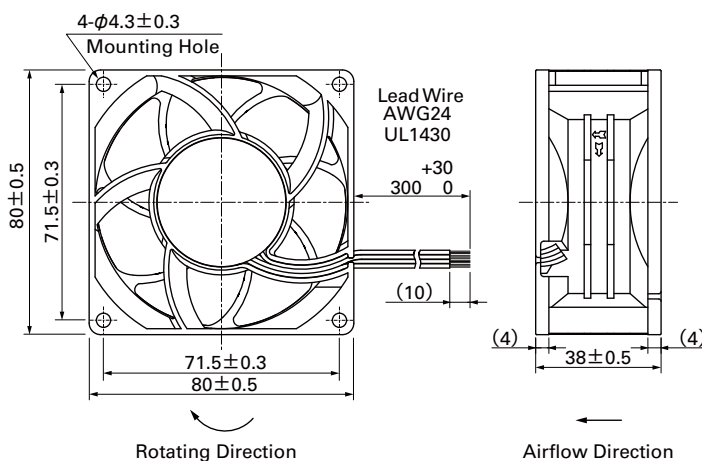
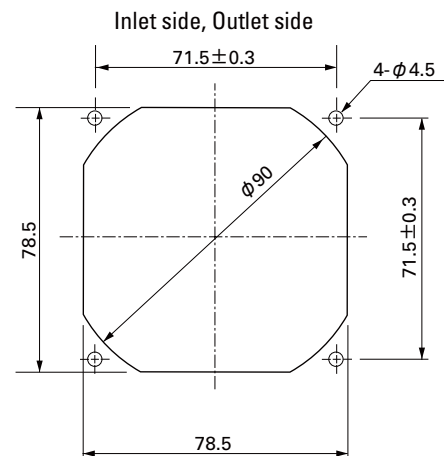
- Material.....Frame: Plastics (Flammability: UL94V-0),
Impeller: Plastics (Flammability: UL94V-1)
- Expected LifeRefer to specifications (L10:Survival rate:90% at 60°C ,
rated voltage, and continuously run in a free air state)
- Lead Wire⊕red ⊖black (Sensor) yellow (Control) brown
- Storage Temperature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

80×80×38mm [Mass : 220g] **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]		
9GV0812P1G03	12	10.8 to 13.2	100	3.80	45.60	10,200	3.90	138.0	490.0	1.97	65	-20 to +70	40,000/60℃		
			0	0.32	3.84	3,000	1.15	40.6	42.4	0.17	34				
9GV0812P1H03			100	3.00	36.00	9,700	3.70	131.0	440.0	1.77	63				
			0	0.20	2.40	2,900	1.11	39.2	39.0	0.16	34				
9GV0812P1F03		10.2 to 13.8	100	1.5	18	8,000	3.05	108.0	301.0	1.21	58				
			0	0.12	1.44	2,400	0.92	32.0	27.1	0.11	26				
9GV0812P1M03			100	0.75	9	6,000	2.29	81.0	169.0	0.68	51				
			0	0.09	1.08	1,700	0.65	23.0	13.6	0.05	19				
9GV0824P1G03	24	20.4 to 27.6	100	1.6	38.40	10,200	3.9	138.0	490.0	1.97	65				
			0	0.3	7.2	4,700	1.79	63.2	104.0	0.41	44				
9GV0848P1G03	48	40.8 to 55.2	100	0.84	40.32	10,200	3.9	138.0	490.0	1.97	65				
			0	0.15	7.2	4,700	1.79	63.2	104.0	0.41	44				

※PWM Frequency : 25kHz

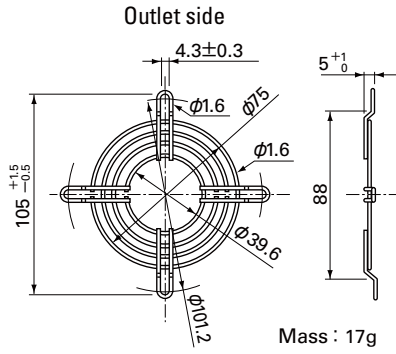
Models without sensors or with pulse sensors (no PWM function) are available as options. Please refer to the index (p. 477).

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

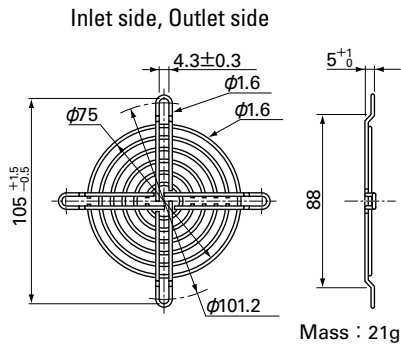
Options (unit: mm)

Finger Guards

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

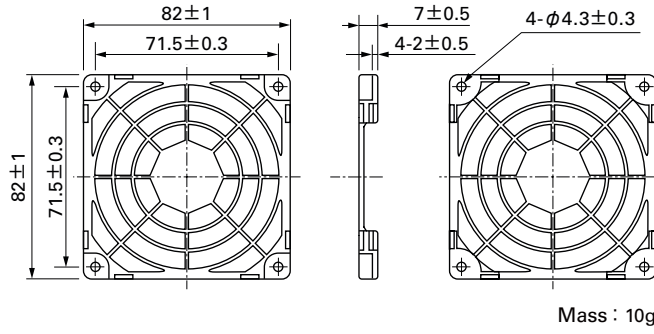


Model : 109-049E Surface treatment : Nickel-chrome plating (silver) Color (silver)
: 109-049H : Cation electropainting (black)



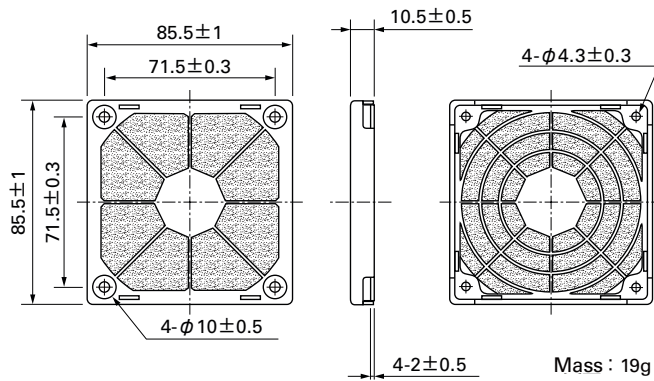
Resin Finger Guards

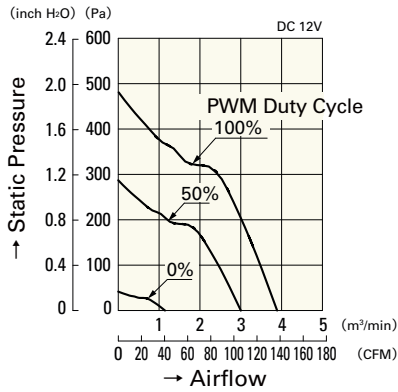
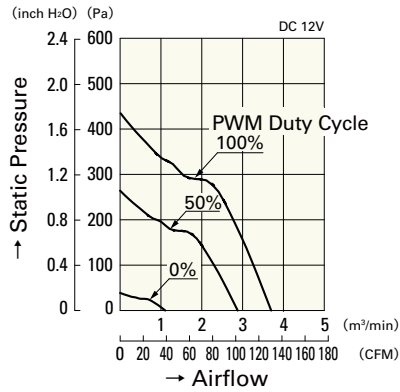
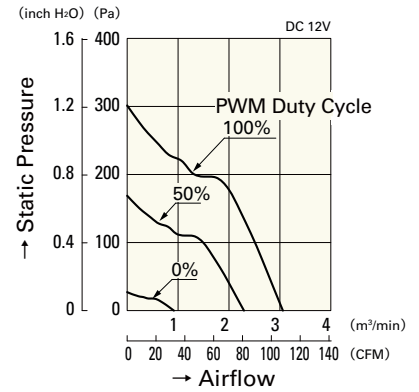
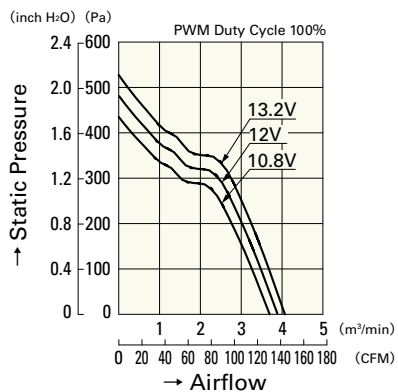
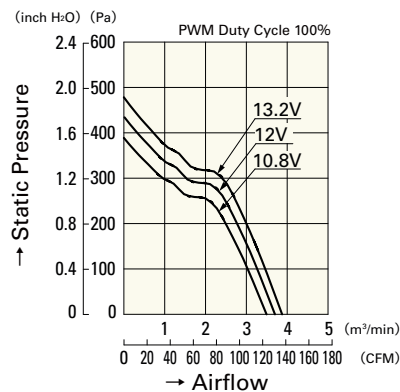
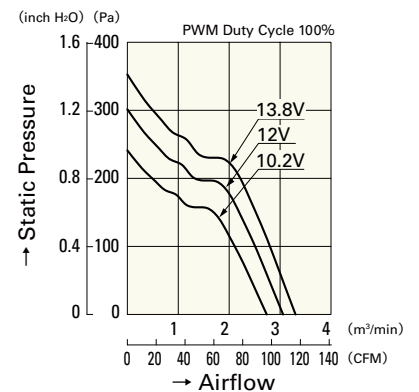
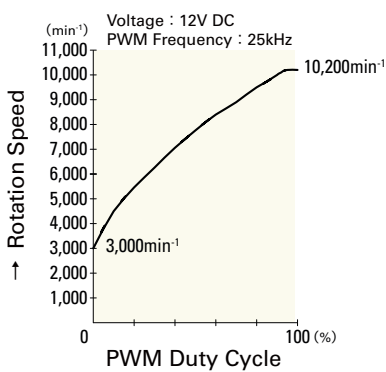
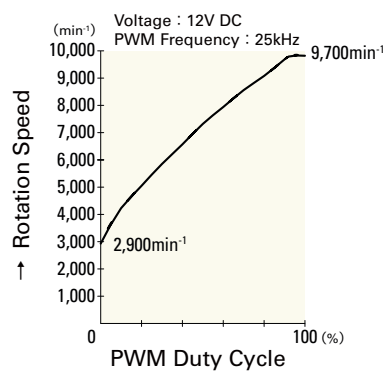
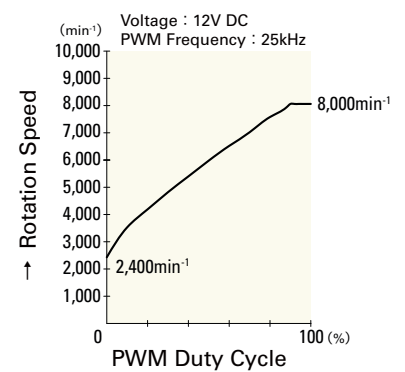
Model : 109-1002G

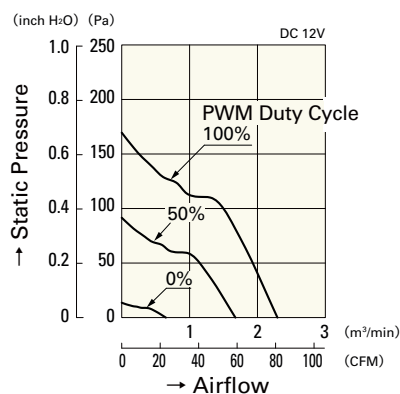
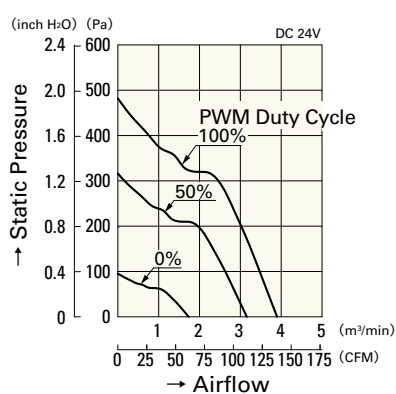
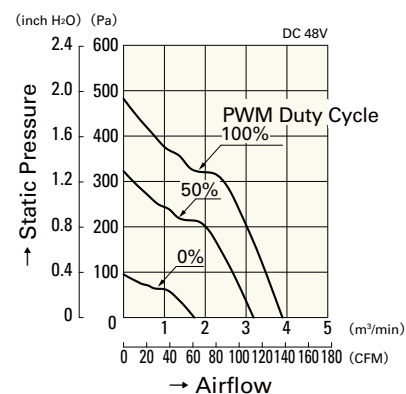
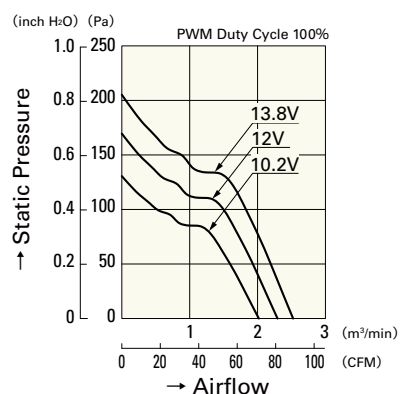
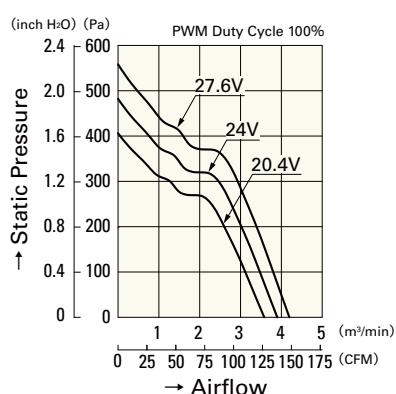
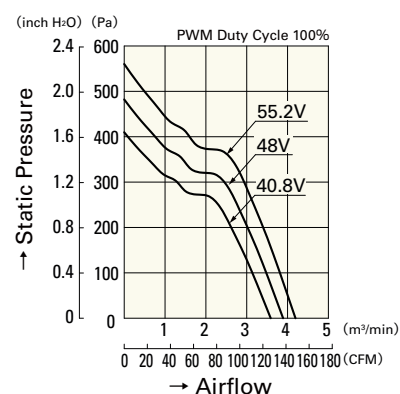
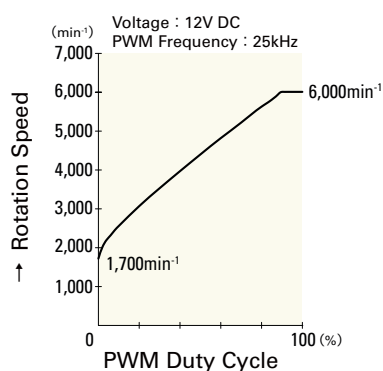
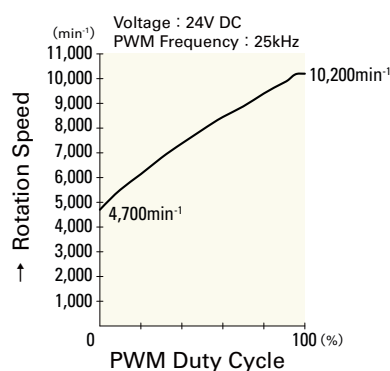
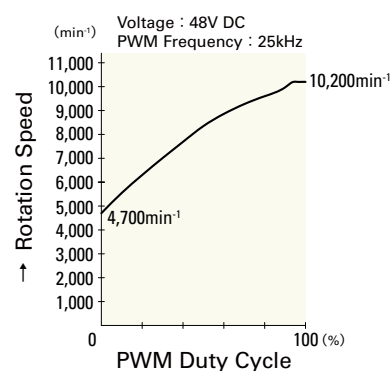


Resin Filter Kits

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



80mm sq.**San Ace 80****80×80×38mm** [Mass : 220g]**Airflow - Static Pressure Characteristics****PWM Duty Cycle****9GV0812P1G03****9GV0812P1H03****9GV0812P1F03****Operating Voltage Range****9GV0812P1G03****9GV0812P1H03****9GV0812P1F03****PWM Duty - Speed Characteristics Example****9GV0812P1G03****9GV0812P1H03****9GV0812P1F03**

**9GV0812P1M03****9GV0824P1G03****9GV0848P1G03****9GV0812P1M03****9GV0824P1G03****9GV0848P1G03****9GV0812P1M03****9GV0824P1G03****9GV0848P1G03**

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