

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

- Material Frame: Plastics (Flammability: UL94V-0),
Impeller: Plastics (Flammability: UL94V-0)
- Expected Life Refer 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)

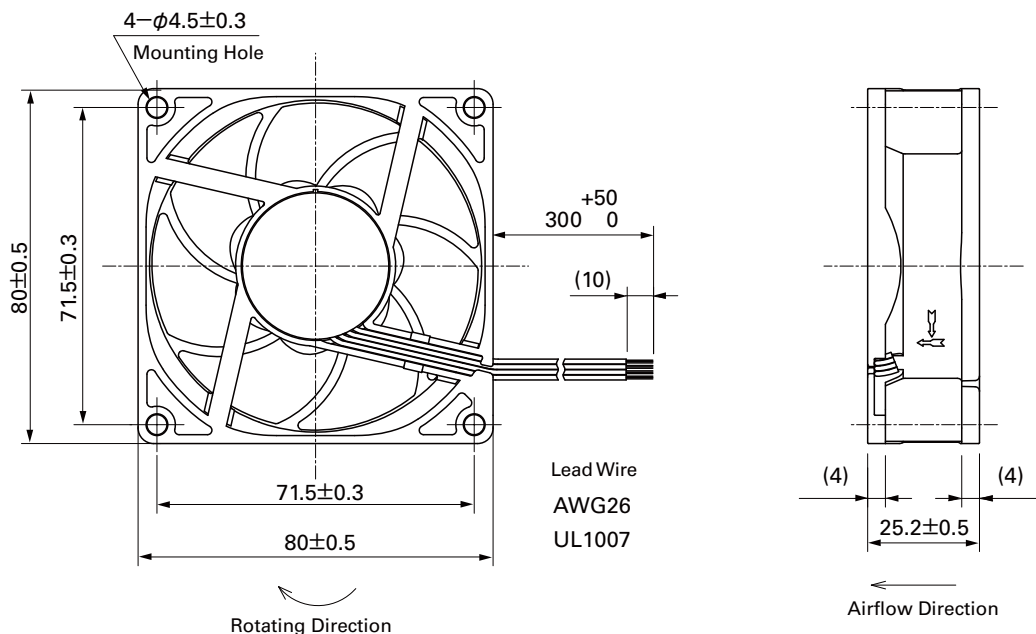
80×80×25mm (Mass : 110g) **9GA type** **Low Noise Low Power Consumption Fan****Specifications** The following nos. **have PWM controls, pulse sensors, and ribs.** For ribless, append "1" to the model no.

Model No.	Rated Voltage [V]	Operating Voltage Range [V]	PWM duty cycle ^{Note①} [%]	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]		
9GA0812P4J001	12	10.8 to 13.2	100	0.6	7.2	7,400	2.07	73.0	177.6	0.7	48	-20 to +70	40,000/60°C (70,000/40°C)		
			25	0.08	0.96	2,500	0.69	24.3	20.2	0.08	21				
9GA0812P4G001			100	0.48	5.76	6,800	1.91	67.4	150	0.6	45				
			25	0.06	0.72	1,500	0.42	14.8	7.2	0.02	17				
9GA0812P4H001			100	0.22	2.64	5,200	1.46	51.5	87.7	0.35	37				
			25	0.06	0.72	1,600	0.44	15.5	8.3	0.03	17				
9GA0824P4J001	24	21.6 to 26.4	100	0.28	6.72	7,400	2.07	73.0	177.6	0.7	48				
			25	0.06	1.44	2,800	0.78	27.5	25.4	0.1	23				
9GA0824P4G001			100	0.21	5.04	6,800	1.91	67.4	150	0.6	45				
			25	0.04	0.96	2,100	0.58	20.4	14.3	0.05	19				
9GA0824P4H001			100	0.1	2.4	5,200	1.46	51.5	87.7	0.35	37				
			25	0.02	0.48	1,500	0.42	14.8	7.2	0.02	17				

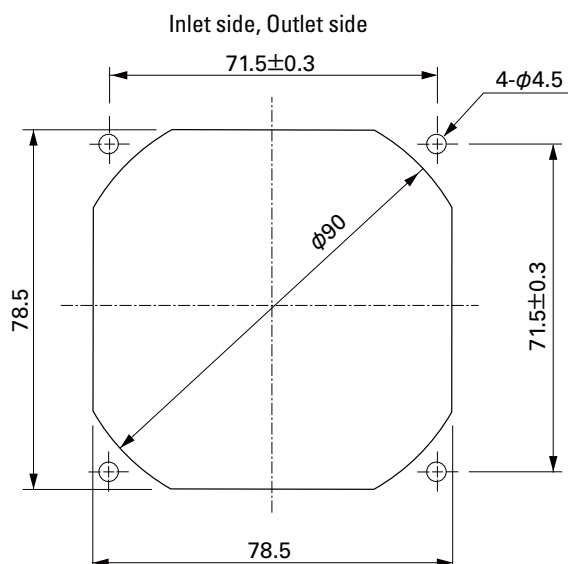
Note: Fan does not rotate when PWM duty cycle is 0%.

※PWM Frequency : 25kHz

Other sensor specifications are available as options. Please refer to the index (pp. 505 to 506).

Dimensions (unit: mm) (With ribs)

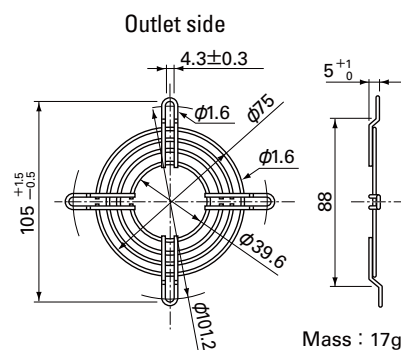
Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)



Options (unit: mm)

Finger Guards

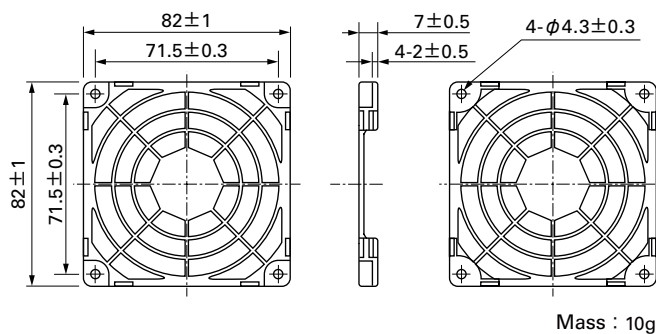
Model : 109-049C Surface treatment : Nickel-chrome plating (silver) Color



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

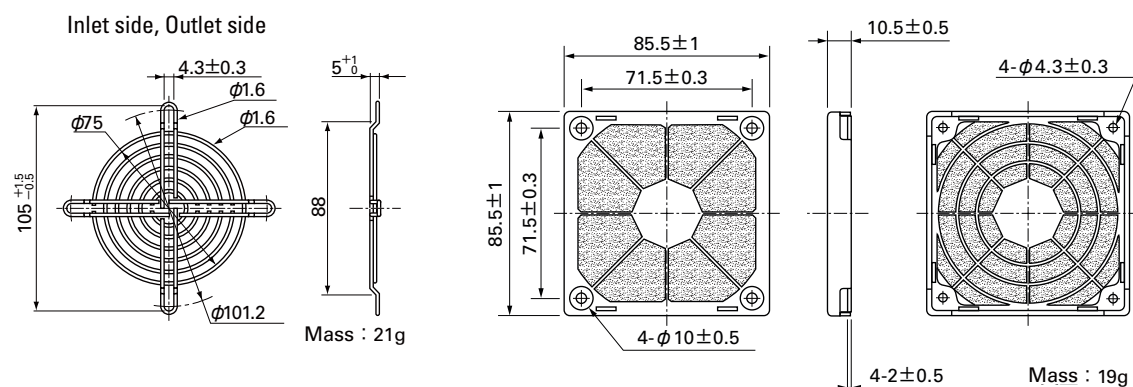
Resin Finger Guards

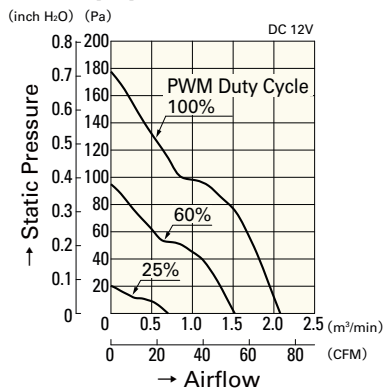
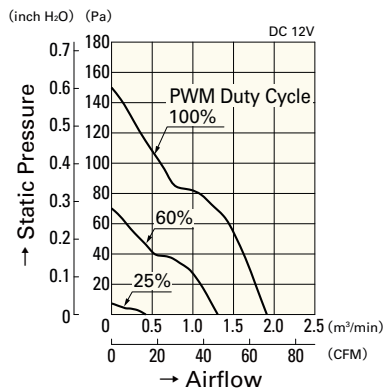
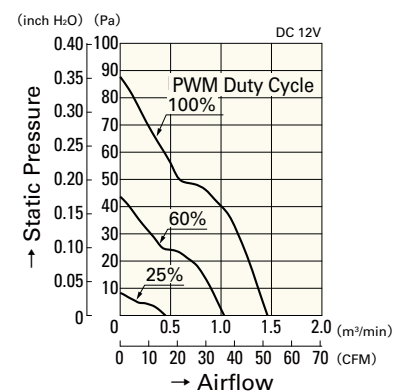
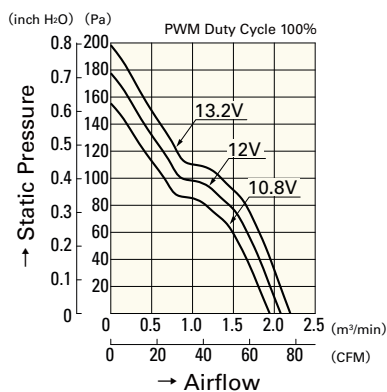
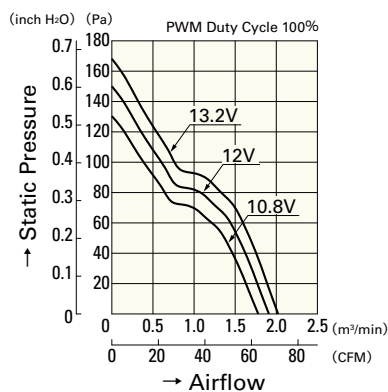
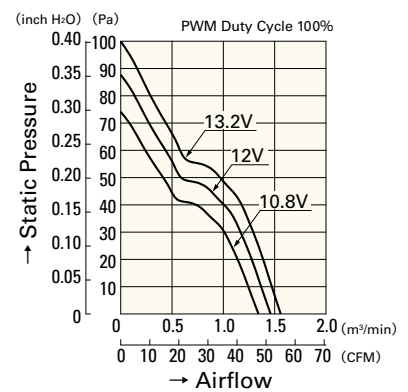
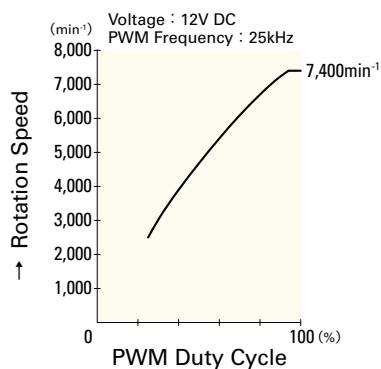
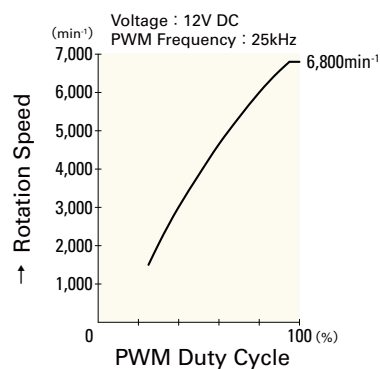
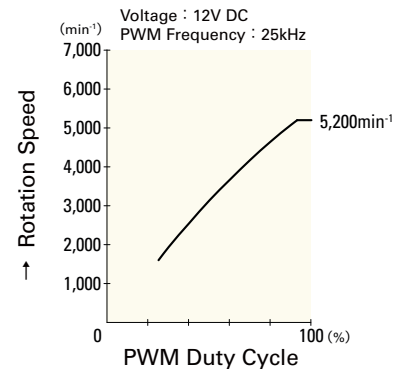
Model : 109-1002G

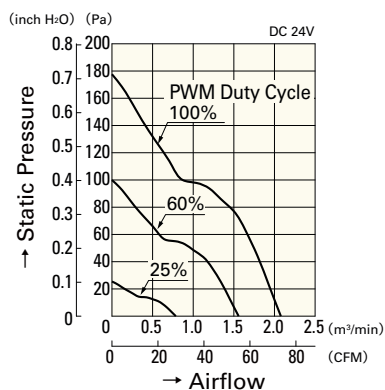
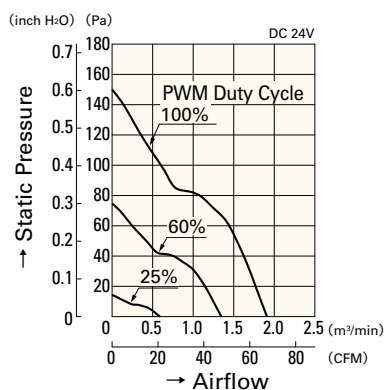
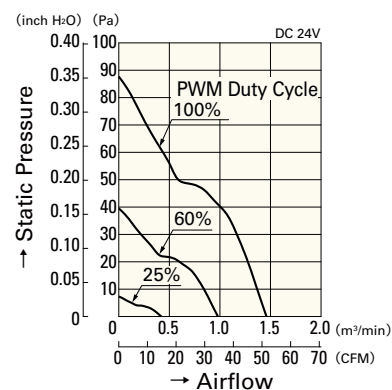
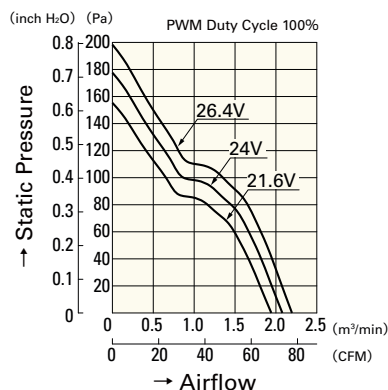
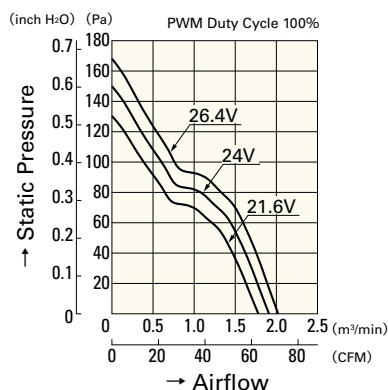
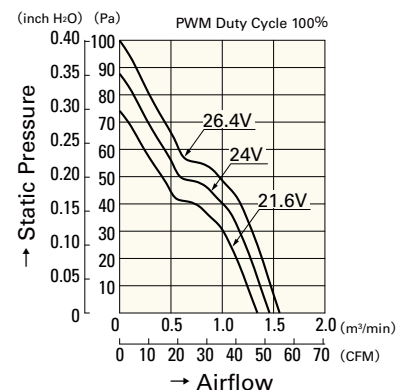
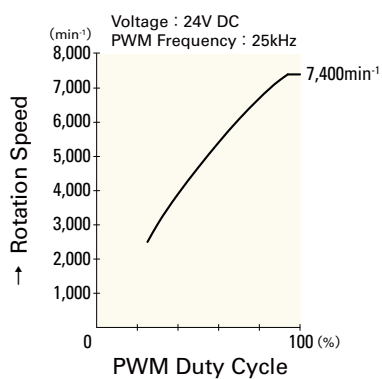
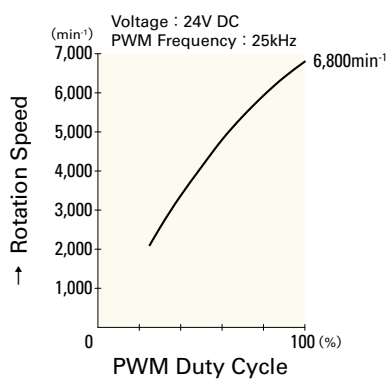
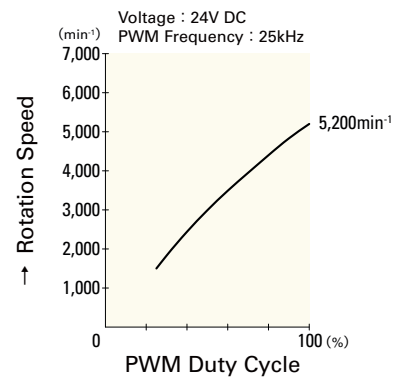


Resin Filter Kits

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



80mm sq.**San Ace 80****80×80×25mm** [Mass : 110g]**Airflow - Static Pressure Characteristics****PWM Duty Cycle****9GA0812P4J001****9GA0812P4G001****9GA0812P4H001****Operating Voltage Range****9GA0812P4J001****9GA0812P4G001****9GA0812P4H001****PWM Duty - Speed Characteristics Example****9GA0812P4J001****9GA0812P4G001****9GA0812P4H001**

**9GA0824P4J001****9GA0824P4G001****9GA0824P4H001****9GA0824P4J001****9GA0824P4G001****9GA0824P4H001****9GA0824P4J001****9GA0824P4G001****9GA0824P4H001**