

80mm sq.

San Ace 80

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

■ 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)



80×80×38mm [Mass : 160g] **GA type** **Low Power Consumption Fan** 

Specifications The following nos. **have PWM controls, pulse sensors, and ribs.** For ribless, append "1" to the model no.

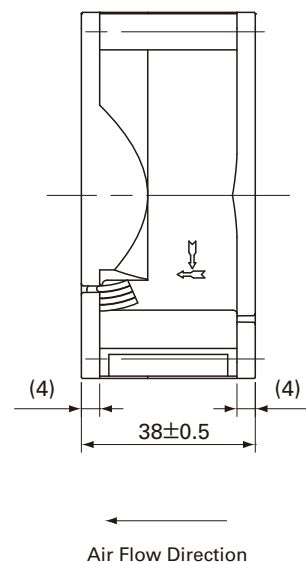
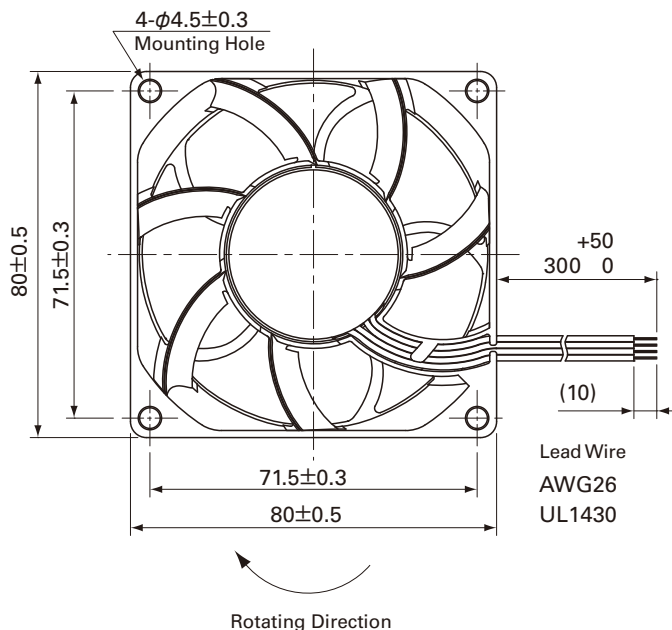
Model No.	Rated Voltage [V]	Operating Voltage Range [V]	PWM duty cycle* [%]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Max. Air Flow [m³/min] [CFM]	Max. Static Pressure [Pa] [inchH ₂ O]	SPL [dB(A)]	Operating Temperature [°C]	Expected Life ^(Note) [h]
9GA0812P1G61	12	10.8 to 13.2	100	1.2	14.4	10,500	2.85 100.6	480 1.92	60	-20 to +70	40,000/60°C (70,000/40°C)
0			0.04	0.48	2,000	0.51 18.0	28.7 0.11	21			
9GA0812P1S61			100	0.94	11.28	9,550	2.6 91.8	480 1.93	59		
0			0.1	1.2	2,900	0.74 26.1	60 0.24	27			
9GA0812P1H61	24	20.4 to 27.6	100	0.6	7.2	8,250	2.25 79.4	380 1.53	55		
0			0.08	0.96	2,500	0.64 22.6	45 0.18	24			
9GA0824P1S61			100	0.47	11.28	9,550	2.6 91.8	480 1.93	59		
0			0.06	1.44	2,900	0.74 26.1	60 0.24	27			
9GA0824P1H61	24	20.4 to 27.6	100	0.3	7.2	8,250	2.25 79.4	380 1.53	55		
0			0.05	1.2	2,500	0.64 22.6	45 0.18	24			

Note: Expected life at 40°C ambient is just reference value.

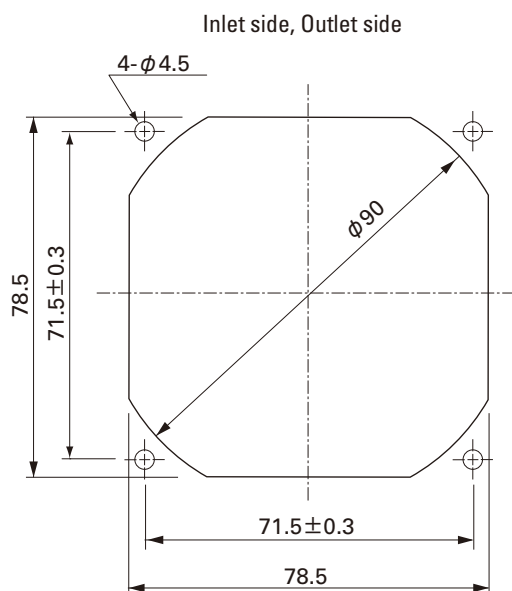
※PWM Frequency : 25kHz

- Available options: ⇒ **Without Sensor** **Pulse Sensor**

■ Dimensions (Unit : mm) (With ribs)



DC Fan 80mm

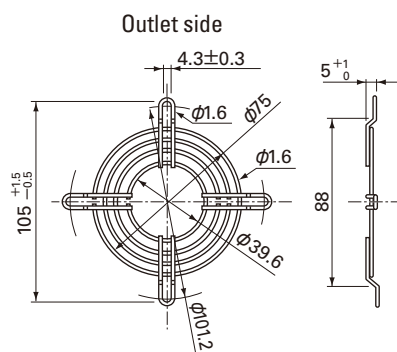


Options (Unit : mm)

Finger guards

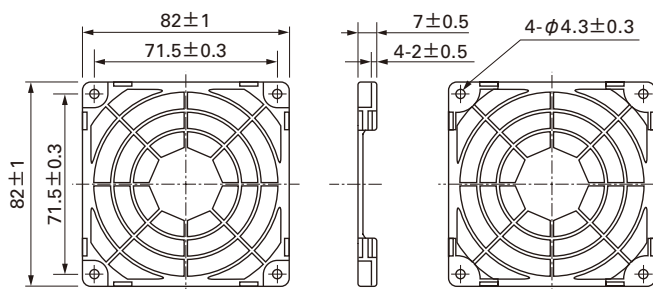
Model : 109-049C Surface treatment : Nickel-chrome plating (silver) Color

Color



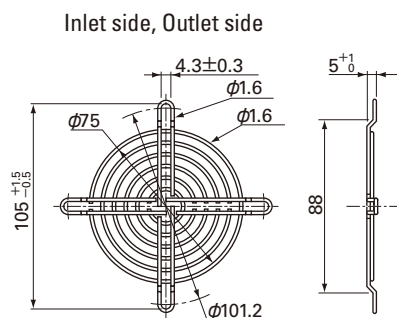
Resin finger guards

Resin finger
Model : 109-1002G



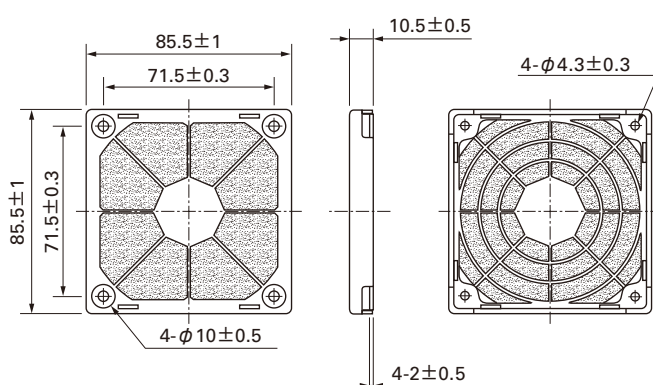
Model : 109-049E Surface treatment : Nickel-chrome plating (silver) Color
: 109-049H : Cation electropainting (black)

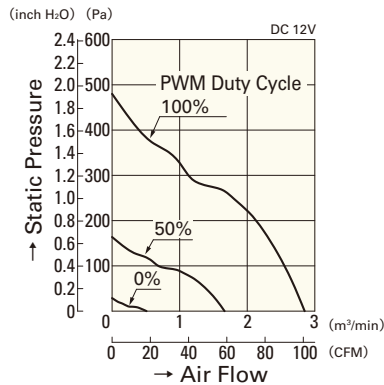
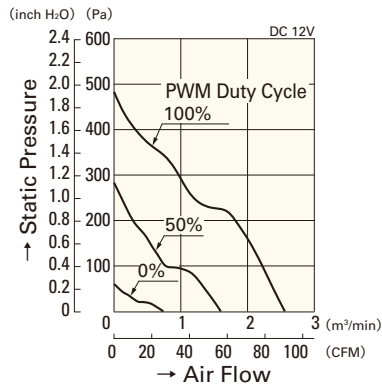
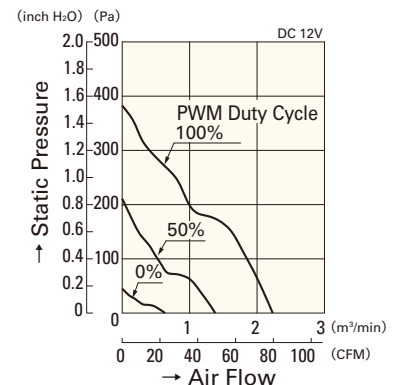
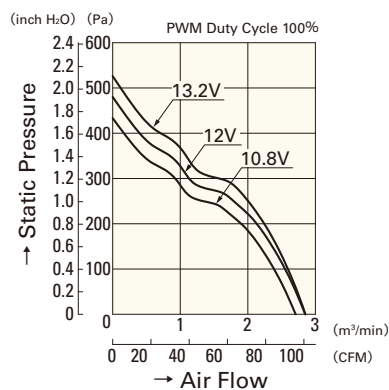
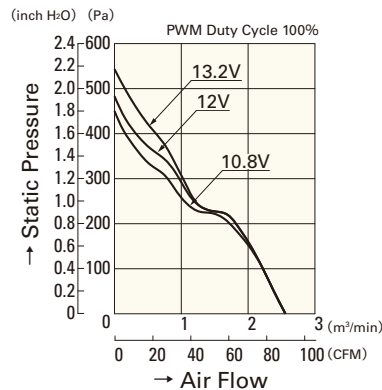
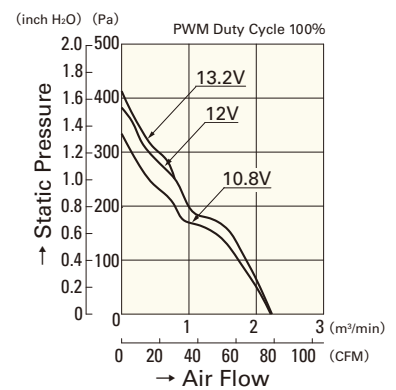
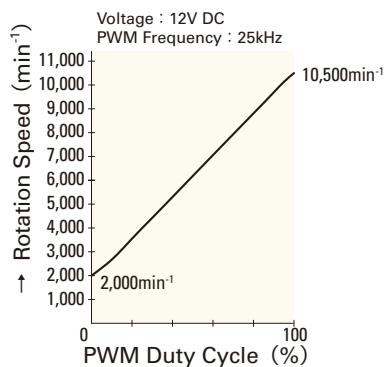
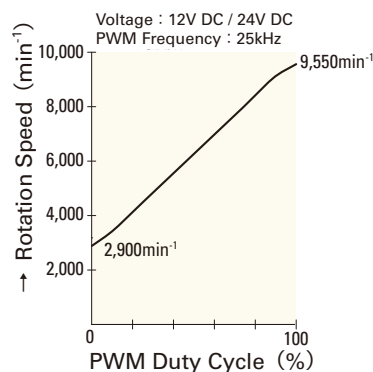
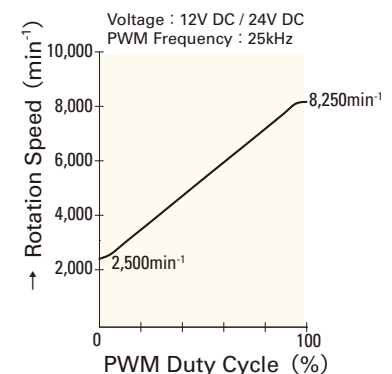
Color

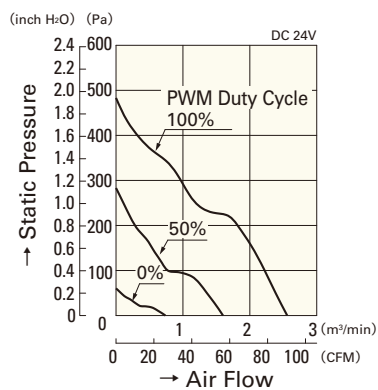
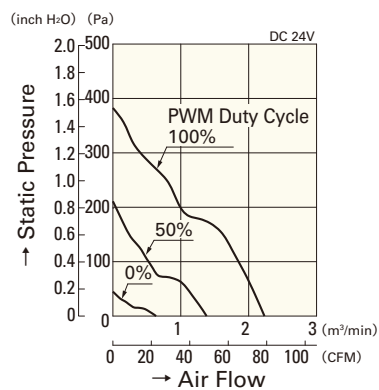
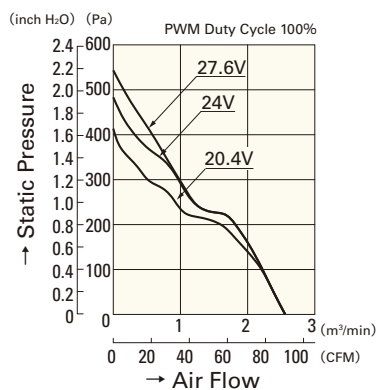
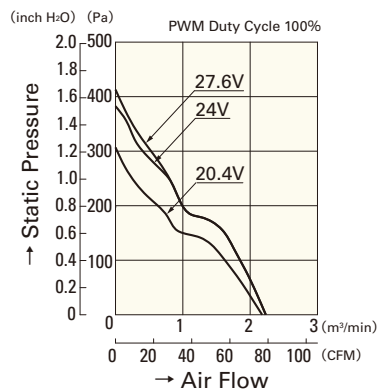


Resin filter kits

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



80mm sq.**San Ace 80****80×80×38mm** [Mass : 160g]**Air Flow - Static Pressure Characteristics****PWM Duty Cycle****9GA0812P1G61****9GA0812P1S61****9GA0812P1H61****Operating Voltage Range****9GA0812P1G61****9GA0812P1S61****9GA0812P1H61****PWM Duty - Speed Characteristics Example****9GA0812P1G61****9GA0812P1S61****9GA0824P1S61****9GA0812P1H61****9GA0824P1H61**

**9GA0824P1S61****9GA0824P1H61****9GA0824P1S61****9GA0824P1H61**