

80mm sq.**San Ace 80**

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

**General Specifications**

With a pulse sensor

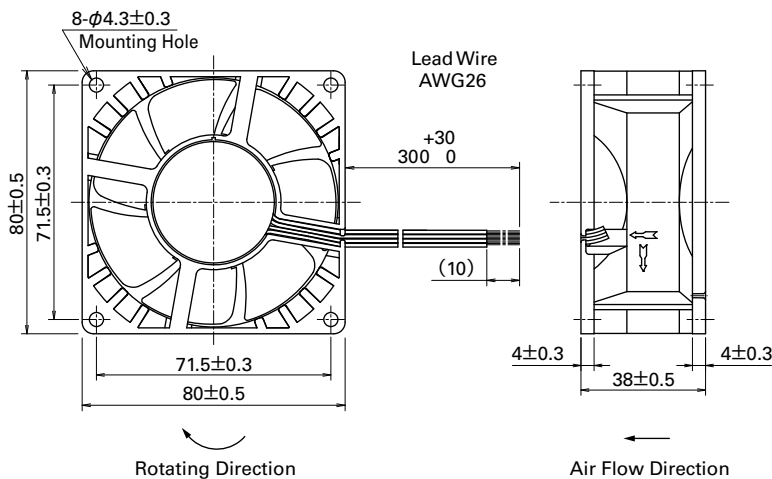
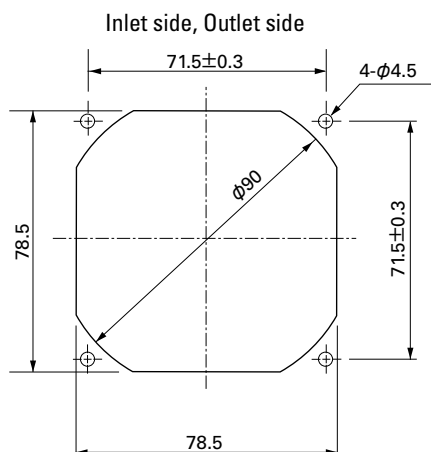
With PWM speed control function

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

80×80×38mm [Mass : 170g]**G type****Specifications**

Model No.	Rated Voltage [V]	Operating Voltage Range [V]	PWM duty cycle※ [%]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Air Flow [m ³ /min] [CFM]		Static Pressure [Pa] [inchH ₂ O]		SPL [dB(A)]	Operating Temperature [°C]	Life Expectancy [h]
9G0812P1K081	12	10.8 to 13.2	100	1.8	21.6	7,800	3.10	109	310	1.24	58	0 to +60	40,000
			0	0.14	1.68	2,000	0.75	26.5	20.3	0.08	24		

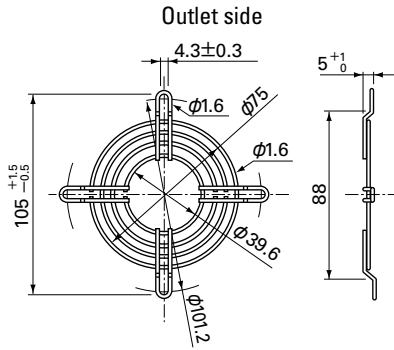
※PWM Frequency : 25kHz

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

Options (Unit : mm)

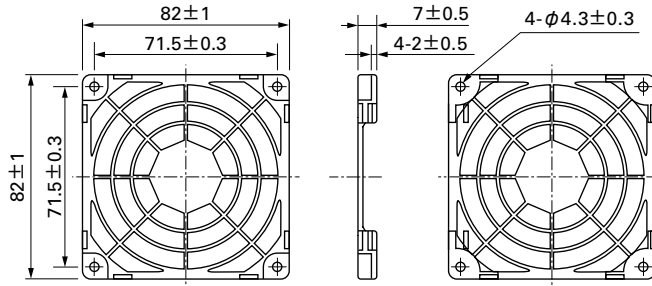
Finger guards

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



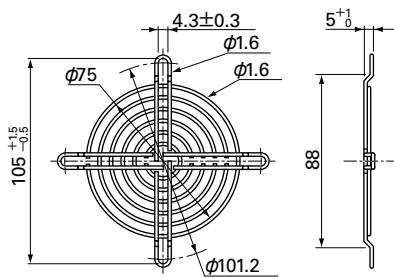
Resin finger guards

Model : 109-1002G



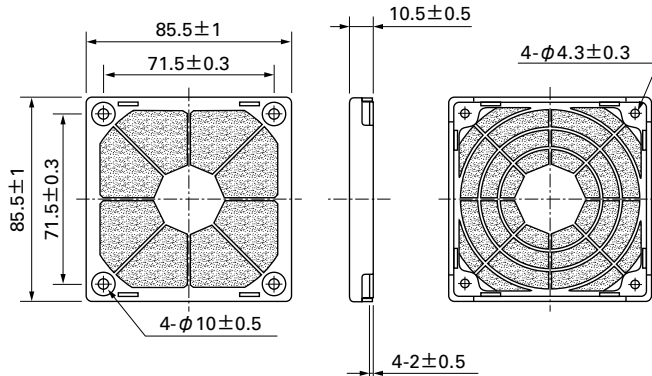
Model : 109-049E Surface treatment : Nickel-chrome plating (silver) Color
: 109-049H : Cation electropainting (black)

Inlet side, Outlet side



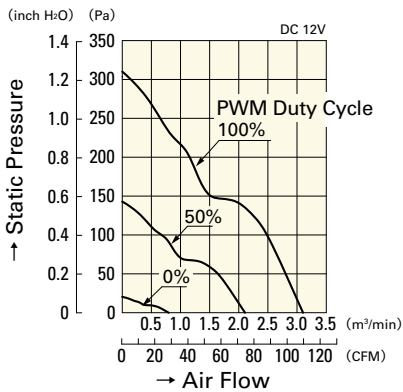
Resin filter kits

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



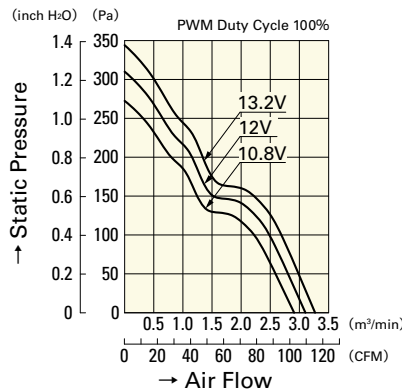
Air Flow - Static Pressure Characteristics

PWM Duty Cycle



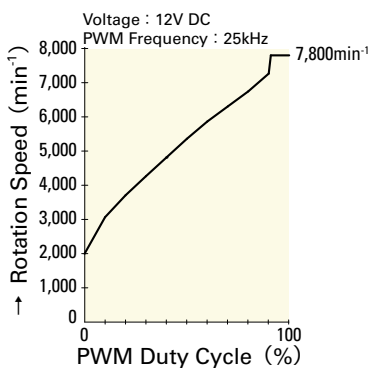
9G0812P1K081

Operating Voltage Range



9G0812P1K081

PWM Duty - Speed Characteristics Example



9G0812P1K081