

120mm sq.**San Ace 120**

76mm thick (CR type)

**General Specifications**

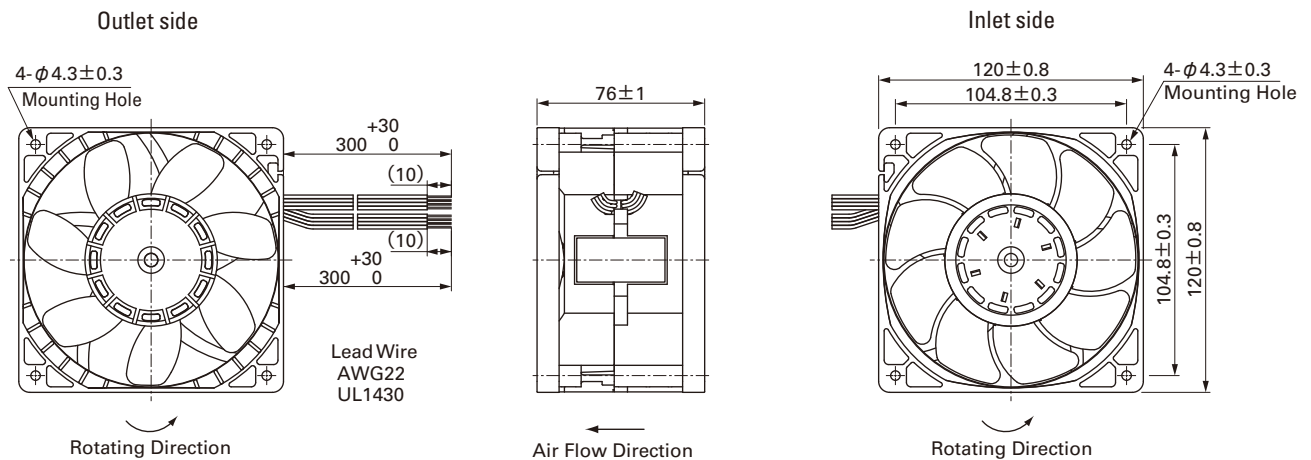
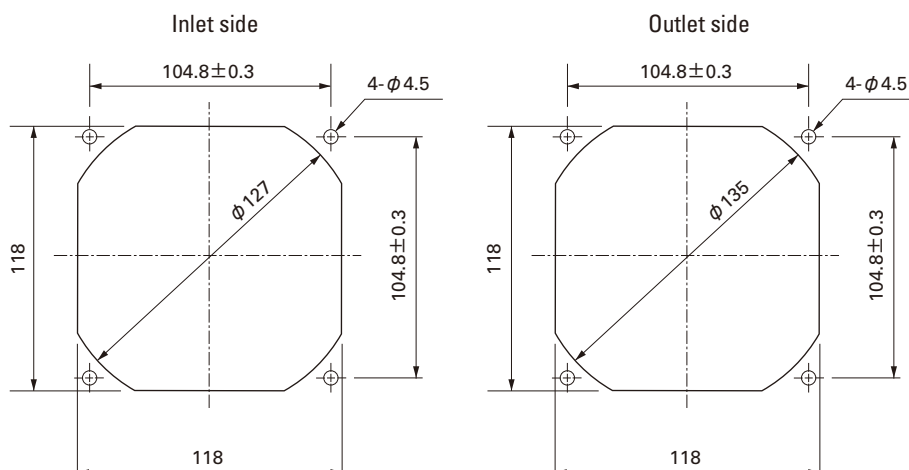
- Material Frame: Plastics (Flammability: UL94V-0),
Impeller: Plastics (Flammability: UL94V-1)
- Expected Life Refer to specifications (L10:Survival rate:90% at 60°C ,
rated voltage, and continuously run in a free air state)
- Lead Wire Inlet ⊕red ⊖black (Sensor) yellow (Control) brown
Outlet ⊕orange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

120×120×76mm [Mass : 670g] **CR type****Specifications** The following nos. **have PWM controls and pulse sensors.**

Model No.	Rated Voltage [V]	Operating Voltage Range [V]	PWM duty cycle※ [%]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹] Inlet Outlet	Max. Air Flow [m³/min] [CFM]	Max. Static Pressure [Pa] [inchH₂O]	SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]
9CR1212P0G03	12	10.8 to 13.2	100	7.2	86.4	6,200 3,800	8.5 300	480 1.93	70	−20 to +60	40,000
			0	1.1	13.2	2,700 1,800	3.8 134	95 0.38	51		

※PWM Frequency : 25kHz

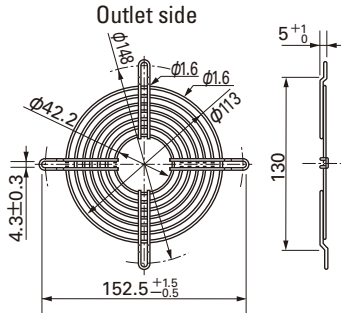
- Available options: ⇒ **Without Sensor** **Pulse Sensor**

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

Options (Unit : mm)

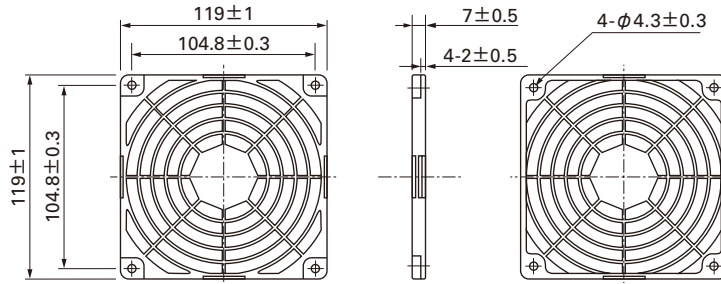
Finger guards

Model : 109-019C Surface treatment : Nickel-chrome plating (silver)
 : 109-019H : Cation electropainting (black)



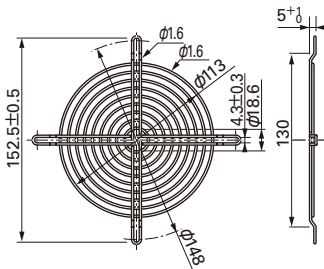
Resin finger guards

Model : 109-1000G



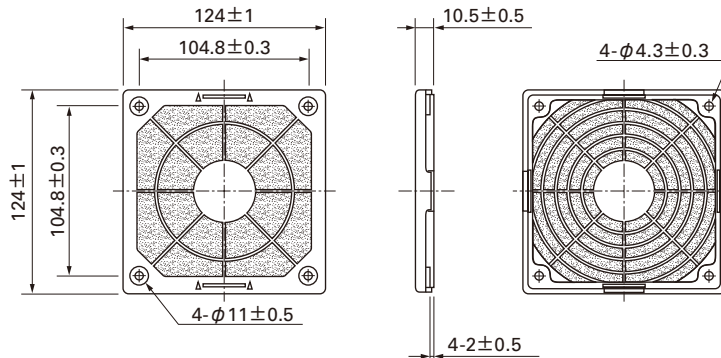
Model : 109-019E Surface treatment : Nickel-chrome plating (silver)
 : 109-019K : Cation electropainting (black)

Inlet side, Outlet side



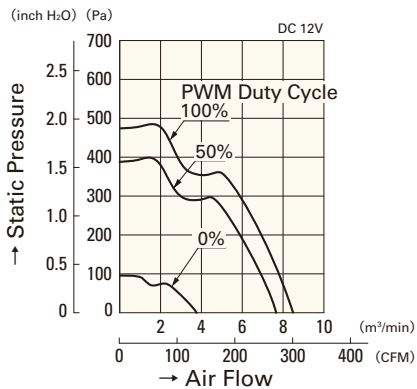
Resin filter kits

Model : 109-1000F13 (13PPI), 109-1000F20 (20PPI)
 : 109-1000F30 (30PPI), 109-1000F40 (40PPI)



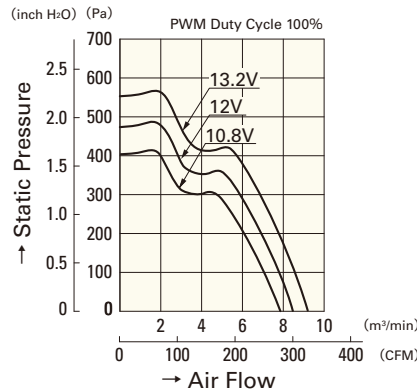
Air Flow - Static Pressure Characteristics

PWM Duty Cycle



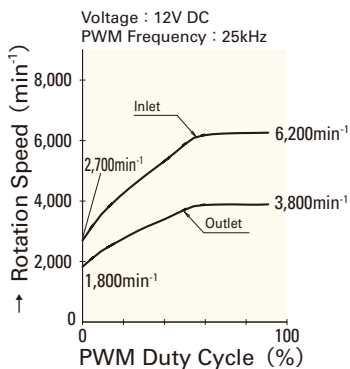
9CR1212P0G03

Operating Voltage Range



9CR1212P0G03

PWM Duty Speed Characteristics Example



9CR1212P0G03