

120mm sq.**San Ace 120****38mm thick (SX type)****General Specifications** With a pulse sensorWith PWM speed control function

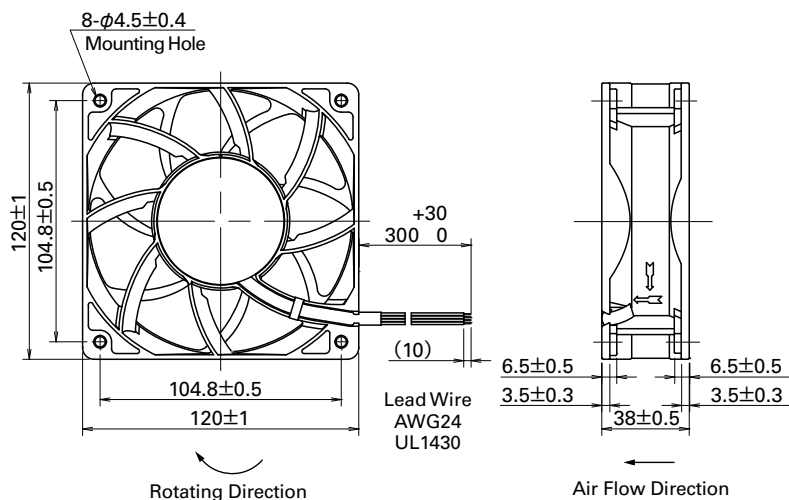
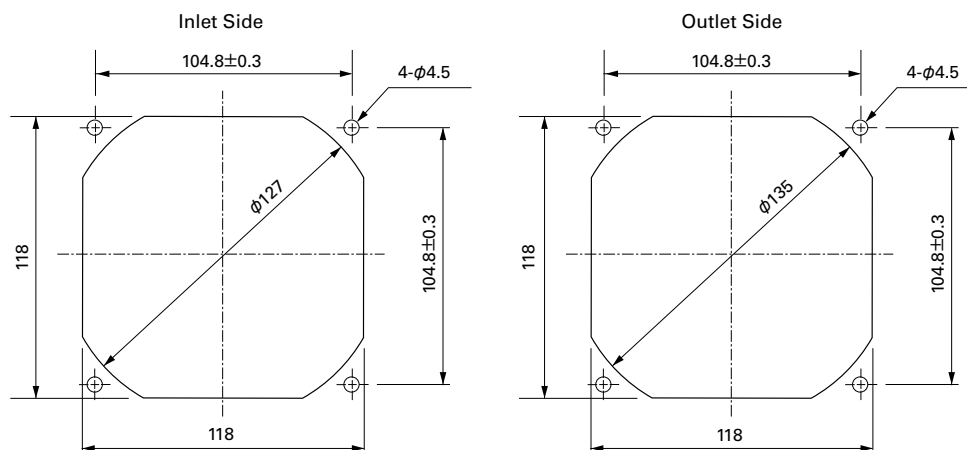
- Material Frame: Aluminum, Impeller:Plastics (Flammability: UL94V-1)
- Expected LifeVaries for each model
(L10:Survival rate:90% at 60°C, rated voltage, and continuously run in a free air state)
- Lead Wire⊕red ⊖black (Sensor) yellow (Control) brown
- Storage Temperature ...-30°C to +70°C (Non-condensing)

120×120×38mm (Mass : 390g) **SX type****Specifications**

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 [m ³ /min] [CFM]	Max. Static Pressure [Pa] [inchH ₂ O]	SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]
9SX1212P1K001	12	10.8 to 13.2	100	4.4	52.8	7,400	7.3 257.7	480 1.93	66	-10 to +60	40,000
			15	0.5	6.0	2,600	2.5 88.2	59 0.23	37		

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

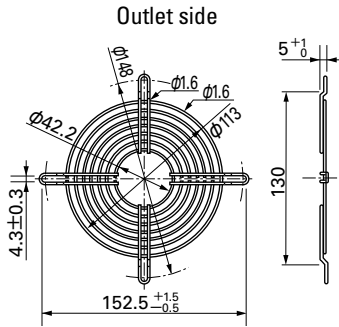
※PWM Frequency : 25kHz

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

Options (Unit : mm)

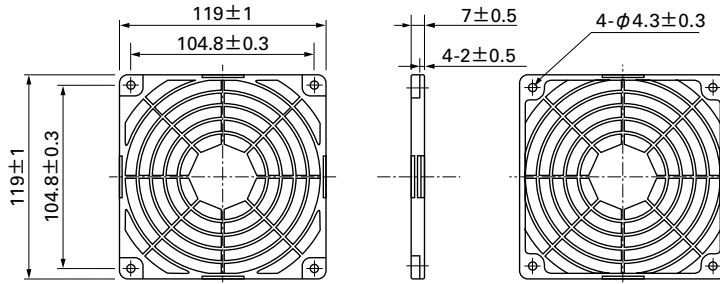
Finger guards

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



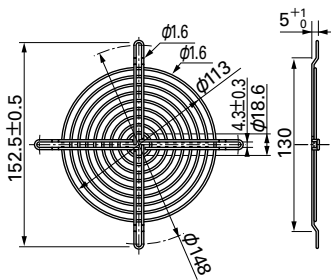
Resin finger guards

Model : 109-1000G



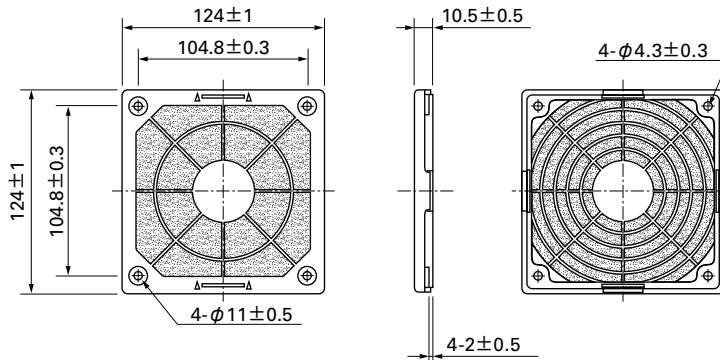
Model : 109-019E Surface treatment : Nickel-chrome plating (silver)
: 109-019K : Cation electropainting (black)

Inlet side, Outlet side



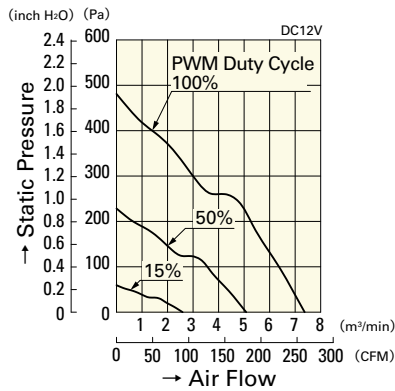
Resin filter kits

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



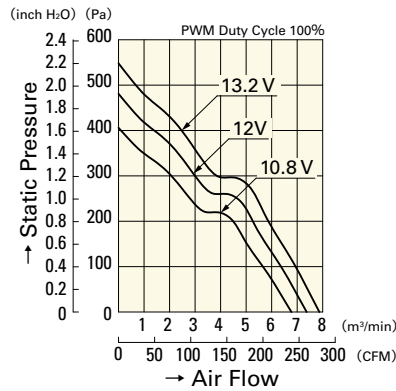
Air Flow - Static Pressure Characteristics

PWM Duty Cycle



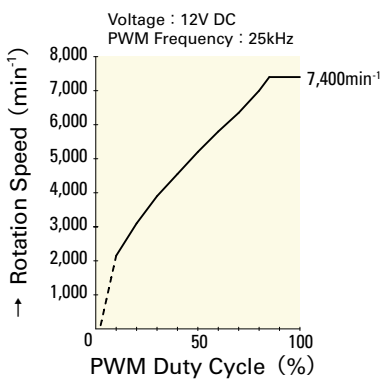
9SX1212P1K001

Operating Voltage Range



9SX1212P1K001

PWM Duty - Speed Characteristics Example



9SX1212P1K001