

120mm sq.**San Ace 120****General Specifications**

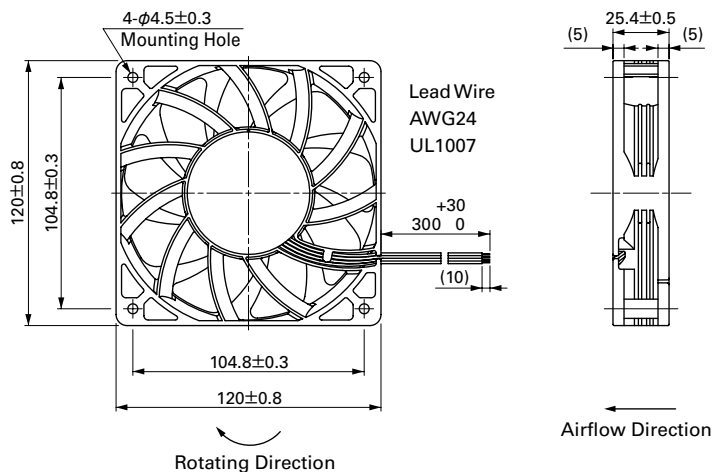
- Material.....Frame: Plastics (Flammability: UL94V-0),
Impeller: Plastics (Flammability: UL94V-1)
- Expected LifeRefer to specifications (L10:Survival rate:90% at 60°C ,
rated voltage, and continuously run in a free air state)
- Lead Wire⊕red ⊖black (Sensor) yellow (Control) brown
- Storage Temperature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

120×120×25mm [Mass : 260g] **9GV type** **Specifications** The following nos. **have PWM controls, pulse sensors, and ribs.** For ribless, append "1" to the model no.

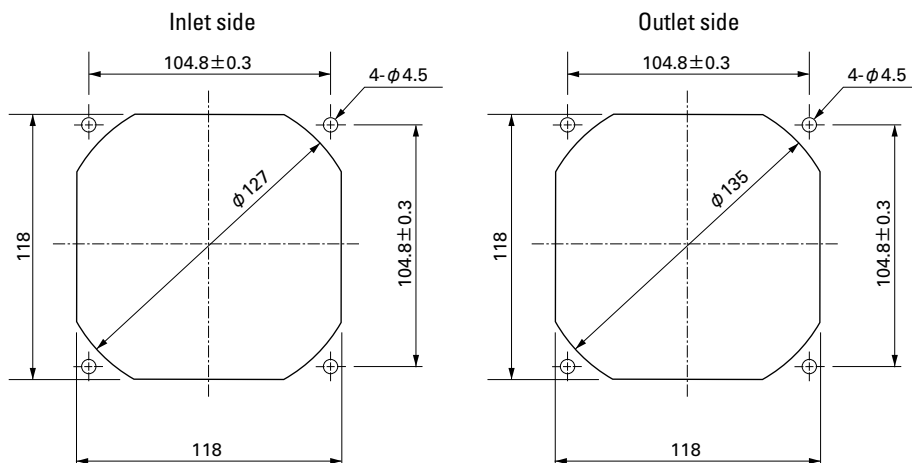
Model No.	Rated Voltage [V]	Operating Voltage Range [V]	PWM duty cycle* [%]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Max. Airflow [m³/min] [CFM]		Max. Static Pressure [Pa] [inchH ₂ O]		SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]
9GV1212P4G01	12	10.2 to 13.8	100	1.68	20.16	5,100	4.83	171	224	0.90	58	-20 to +70	40,000/60°C
			0	0.18	2.16	1,650	1.56	55.1	23.5	0.09	30		
9GV1224P4G01	24	20.4 to 27.6	100	0.84	20.16	5,100	4.83	171	224	0.90	58		
			0	0.13	3.12	1,650	1.56	55.1	23.5	0.09	30		
9GV1248P4J01	48	40.8 to 55.2	100	0.5	24.00	5,400	5.11	180	251	1.01	59		
			0	0.15	7.20	3,000	2.84	100	77.5	0.31	47		
40.8 to 60.0		100	0.42	20.16	5,100	4.83	171	224	0.90	58			
		0	0.07	3.36	1,650	1.56	55.1	23.5	0.09	30			
		100	0.33	15.84	4,600	4.35	154	182	0.73	55			
		0	0.07	3.36	1,650	1.56	55.1	23.5	0.09	30			

※PWM Frequency : 25kHz

Other sensor specifications are available as options. Please refer to the index (p. 508).

Dimensions (unit: mm) (With ribs)

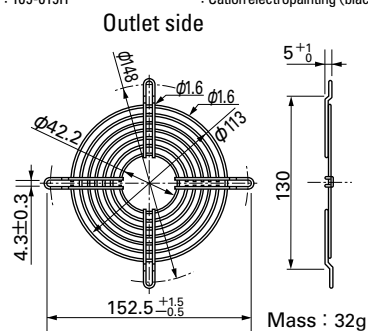
Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)



Options (unit: mm)

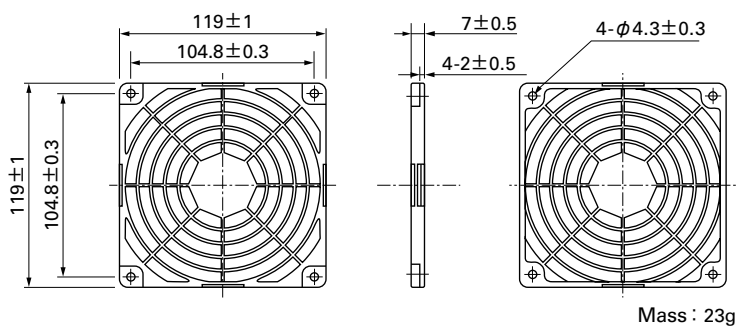
Finger Guards

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

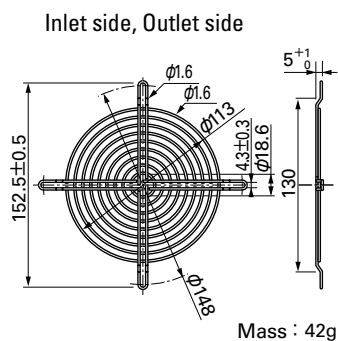


Resin Finger Guards

Model : 109-1000G

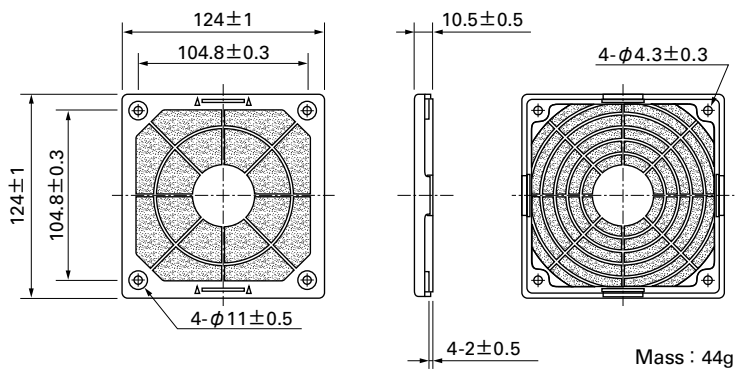


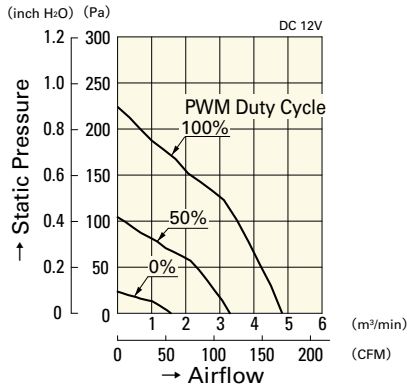
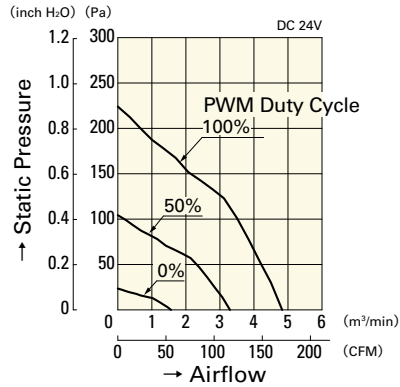
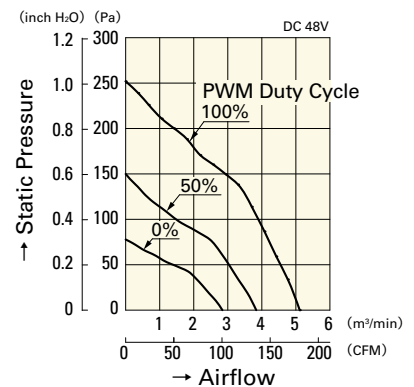
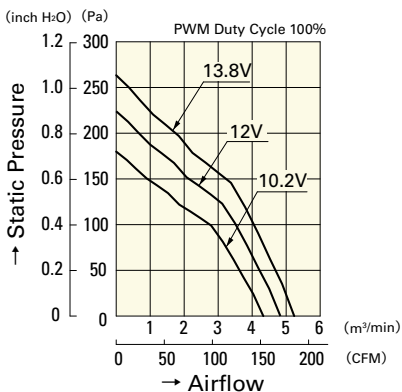
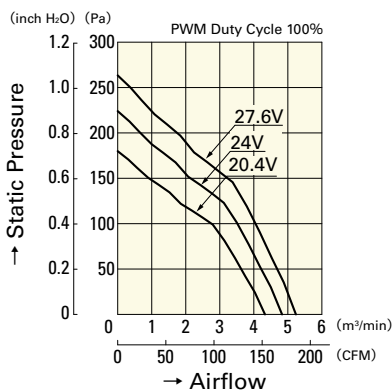
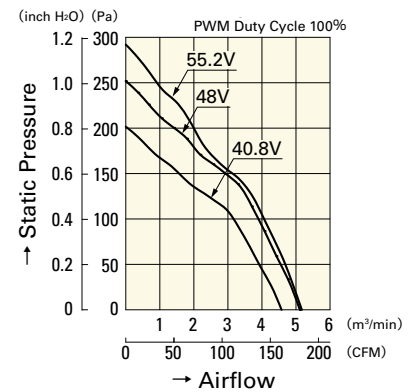
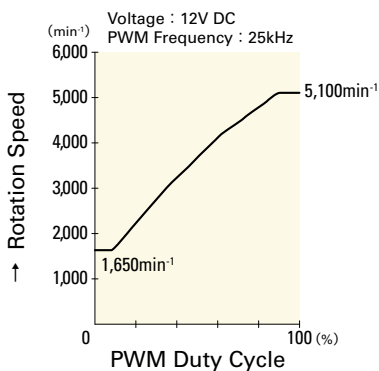
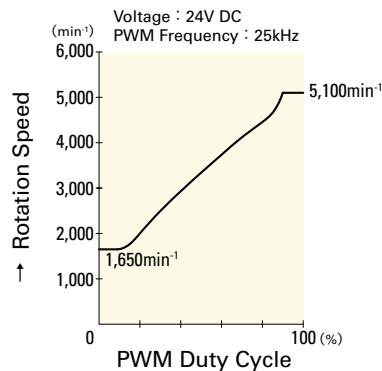
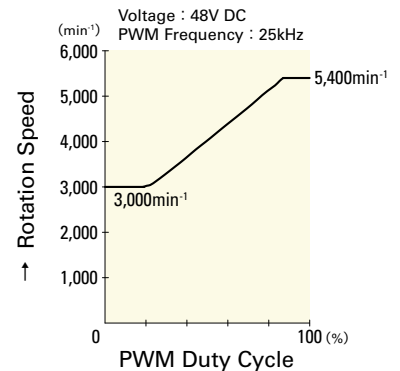
Model : 109-019E Surface treatment : Nickel-chrome plating (silver) Color
: 109-019K : Cation electropainting (black)

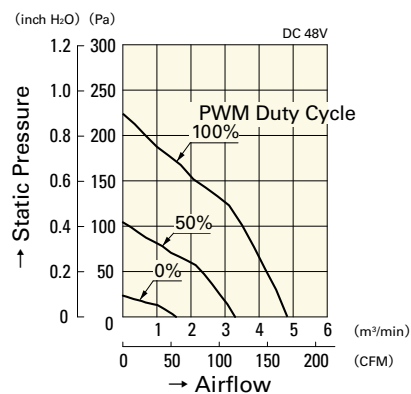
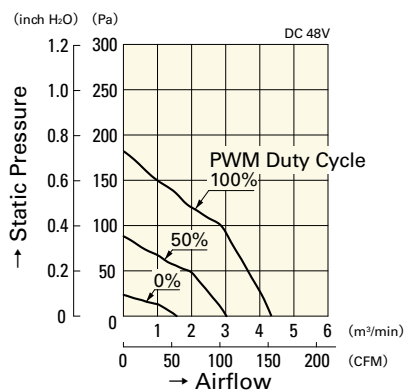
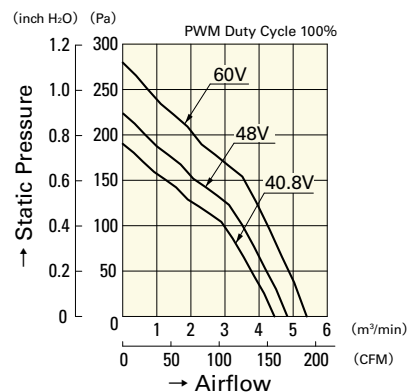
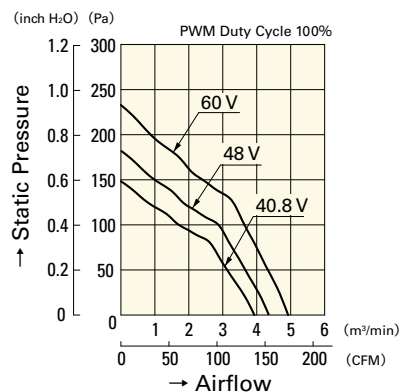
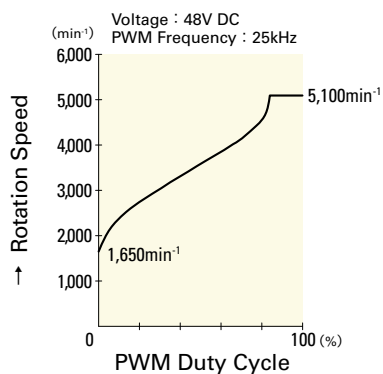
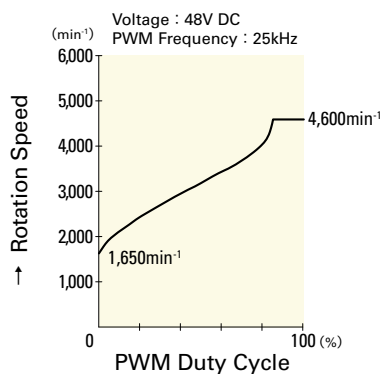


Resin Filter Kits

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



120mm sq.**San Ace 120****120×120×25mm** [Mass : 260g]**Airflow - Static Pressure Characteristics****PWM Duty Cycle****9GV1212P4G01****9GV1224P4G01****9GV1248P4J01****Operating Voltage Range****9GV1212P4G01****9GV1224P4G01****9GV1248P4J01****PWM Duty - Speed Characteristics Example****9GV1212P4G01****9GV1224P4G01****9GV1248P4J01**

**9GV1248P4G01****9GV1248P4H01****9GV1248P4G01****9GV1248P4H01****9GV1248P4G01****9GV1248P4H01**

Mouser Electronics

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[9GV1212P4G011](#) [9GV1224P4G01](#) [9GV1248P4H01](#) [9GV1212P4G01](#) [9GV1248P4G01](#) [9GV1248P4J011](#)
[9GV1248P4J01](#)