

92mm sq.

San Ace 92



General Specifications

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

92×92×38mm (Mass : 240g) **9GA 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. Airflow [m³/min] [CFM]		Max. Static Pressure [Pa] [inchH ₂ O]		SPL [dB(A)]	Operating Temperature [°C]	Expected Life ^(Note1) [h]
9GA0912P1H03	12	10.2 to 13.8	100	2.10	25.2	9,700	4.00	141	500	2.01	63	−20 to +70	40,000/60°C (70,000/40°C)
			0	0.16	1.92	2,500	0.97	34.3	33	0.13	29		
9GA0924P1H01	24	20.4 to 27.6	100	1.1	26.4	9,700	4.00	141	500	2.01	63	−10 to +70	
			0	0.07	1.68	2,500	0.97	34.3	33	0.13	29		
9GA0948P1H03 ^(Note1)	48	40.8 to 55.2	100	0.55	26.4	9,700	4.00	141	500	2.01	63	−20 to +70	

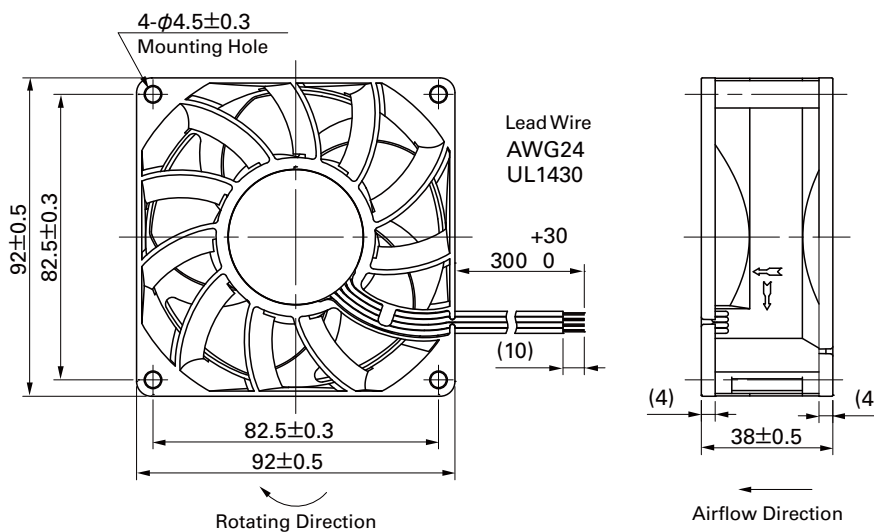
Note 1: Rated voltage 48V fans do not rotate when PWM duty cycle is 0%.

Note 2: Expected life at 40°C ambient is just reference value.

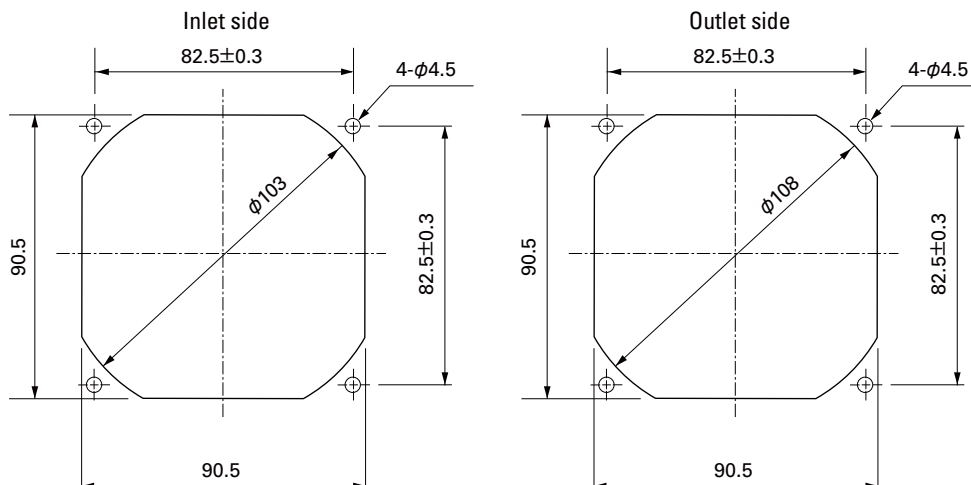
※PWM Frequency : 25kHz

Models without sensors, or with pulse sensors (no PWM control function), or lock sensors are available as options. Please refer to the index (p. 476).

Dimensions (unit: mm) (With ribs)



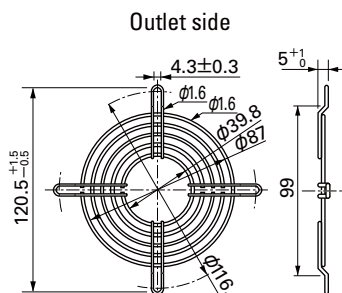
Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)



Options (unit: mm)

Finger Guards

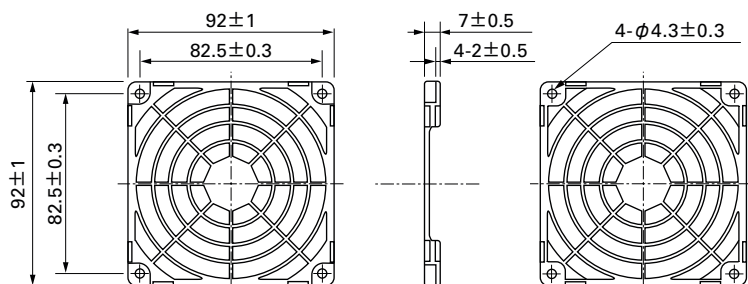
Model : 109-099C Surface treatment : Nickel-chrome plating (silver) Color



Mass : 22g

Resin Finger Guards

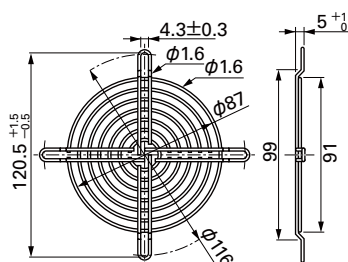
Model : 109-1001G



Mass : 12g

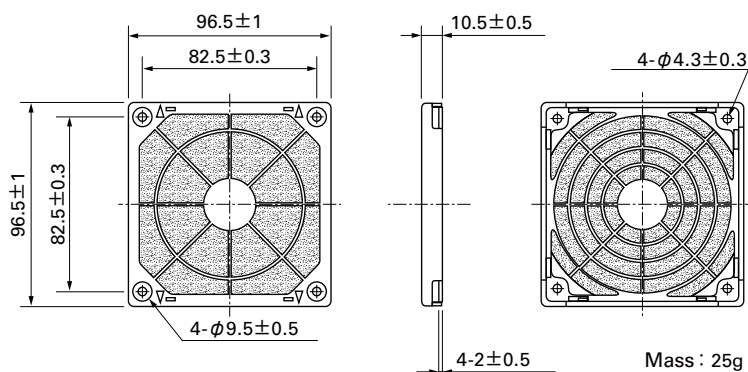
Model : 109-099E Surface treatment : Nickel-chrome plating (silver) Color
: 109-099H : Cation electropainting (black)

Inlet side, Outlet side



Mass : 29g

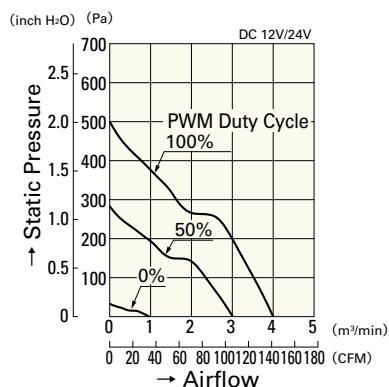
Resin Filter Kits

Model : 109-1001F13 (13PPI), 109-1001F20 (20PPI)
: 109-1001F30 (30PPI), 109-1001F40 (40PPI)

Mass : 25g

Airflow - Static Pressure Characteristics

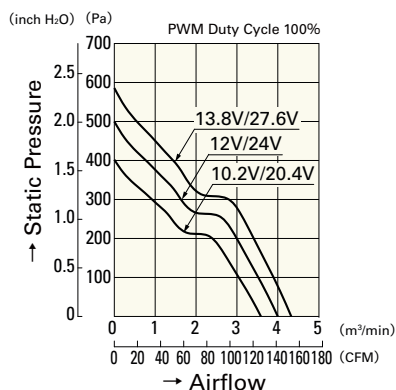
PWM Duty Cycle



9GA0912P1H03

9GA0924P1H01

Operating Voltage Range

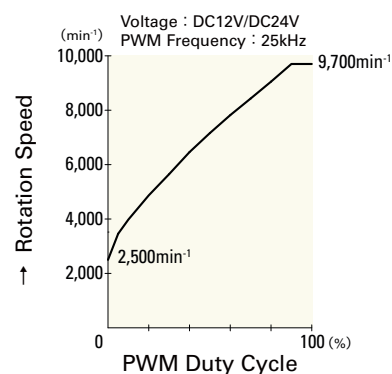


9GA0912P1H03

9GA0924P1H01

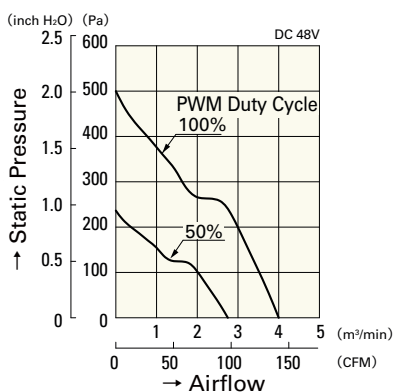
PWM Duty - Speed

Characteristics Example

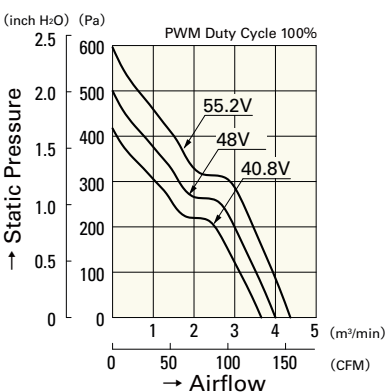


9GA0912P1H03

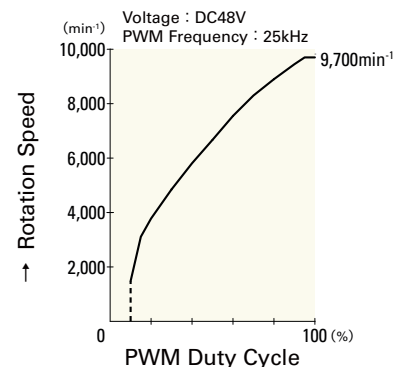
9GA0924P1H01



9GA0948P1H03



9GA0948P1H03



9GA0948P1H03