

120mm sq.

San Ace 120W



General Specifications

- Material Frame: Aluminum,
Impeller: Plastics (Flammability: UL94V-1)
- Expected Life Refer to specifications (Indoor, 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 : 440g) **IP 68** **9WV type**

Specifications The following nos. have PWM controls and pulse sensors.

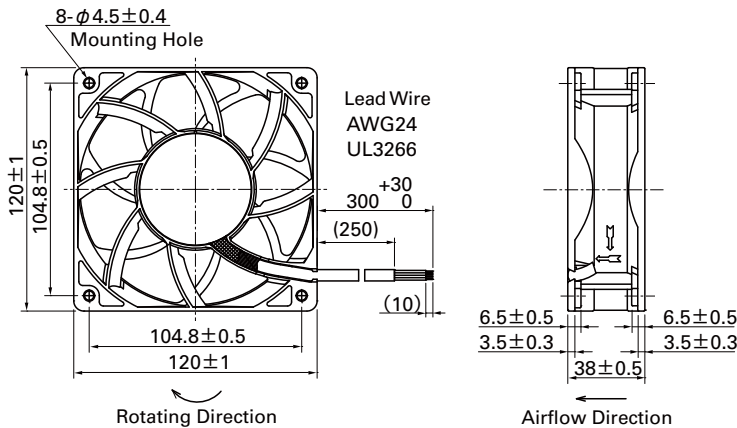
Model No.	Rated Voltage [V]	Operating Voltage Range [V]	PWM duty cycle* [%]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Max. Airflow [m ³ /min] [CFM]	Max. Static Pressure [Pa] [inchH ₂ O]	SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]
9WV1212P1J001	12	10.2 to 13.8	100 0	3 0.2	36 2.4	6,400 1,500	6.35 224.0 1.49 52.6	360 1.45 19.8 0.080	64 33	-20 to +70	60,000/60°C
9WV1224P1J601	24	20.4 to 27.6	100 0	1.5 0.12	36 2.88	6,400 1,500	6.35 224.0 1.49 52.6	360 1.450 26.1 0.105	64 33		
9WV1224P1H001 ^(Note)			100	0.80	19.2	5,200	5.16 182	237 0.95	58		
9WV1248P1J001	48	40.8 to 55.2	100 0	0.65 0.06	31.2 2.88	6,400 1,500	6.35 224.0 1.49 52.6	360 1.45 26.1 0.105	64 33		

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

*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. 483).

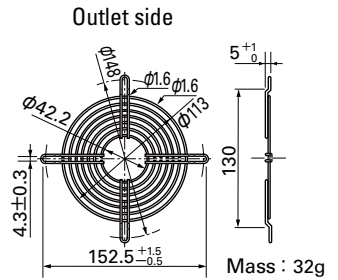
Dimensions (unit: mm)



Options (unit: mm)

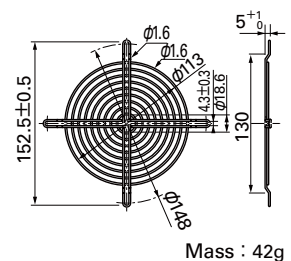
Finger Guards

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

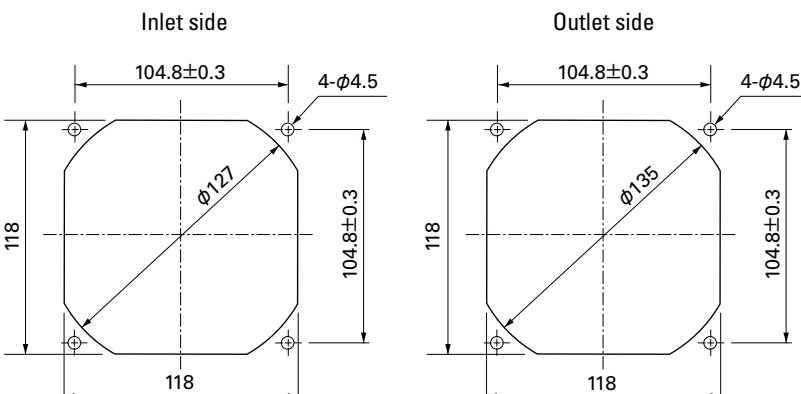


Model : 109-019E Surface treatment : Nickel-chrome plating (silver)
: 109-019K : Cation electropainting (black)

Inlet side, Outlet side



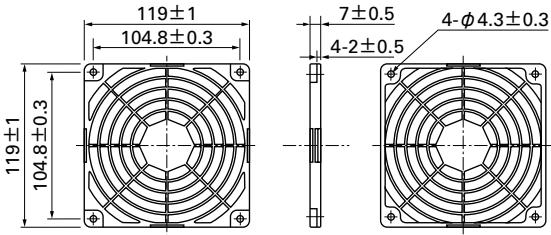
Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)



Options (unit: mm)

Resin Finger Guards

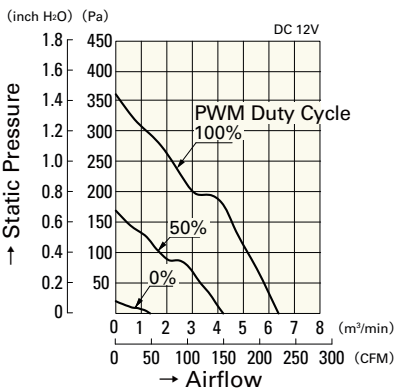
Model : 109-1000G



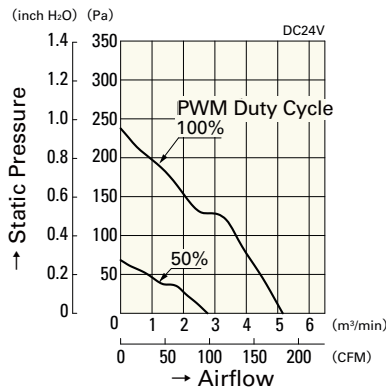
Mass : 23g

Airflow - Static Pressure Characteristics

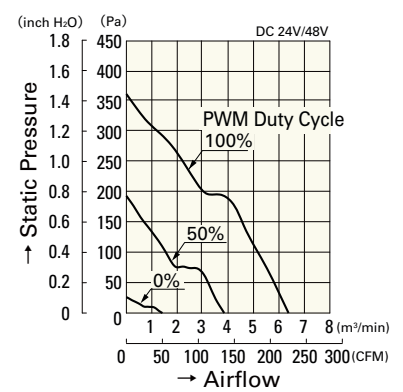
PWM Duty Cycle



9WV1212P1J001

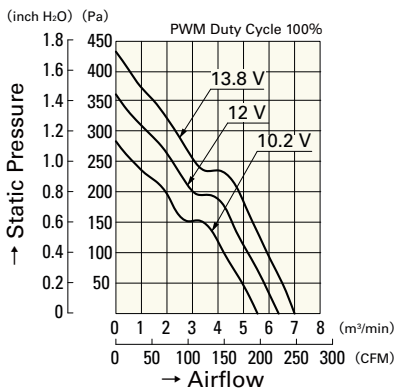


9WV1224P1H001

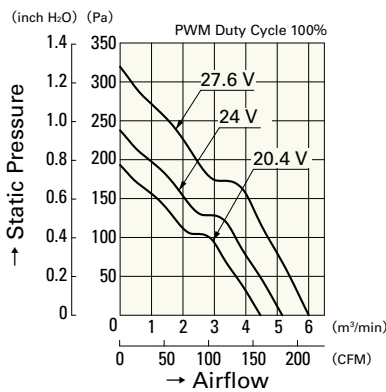


9WV1224P1J601
9WV1248P1J001

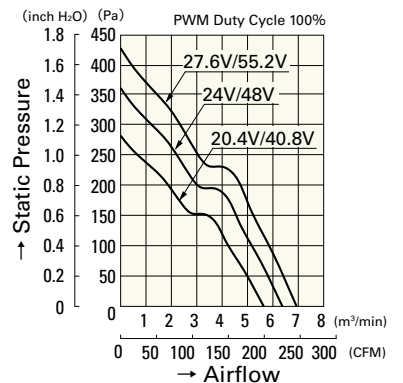
Operating Voltage Range



9WV1212P1J001

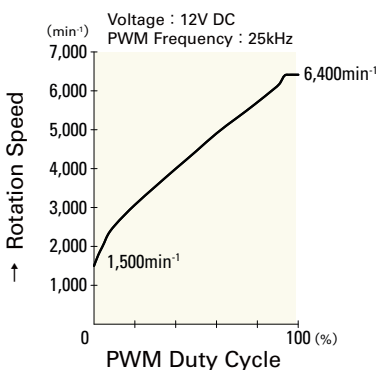


9WV1224P1H001

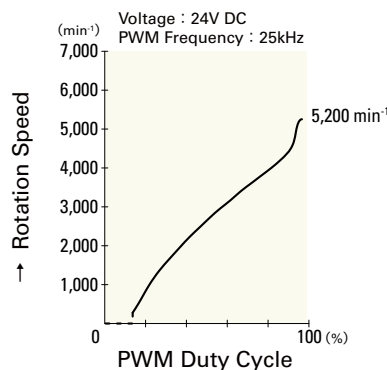


9WV1224P1J601
9WV1248P1J001

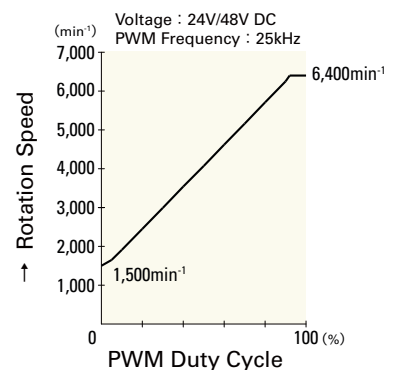
PWM Duty - Speed Characteristics Example



9WV1212P1J001



9WV1224P1H001



9WV1224P1J601
9WV1248P1J001