

Splash Proof Fan

φ172_{mm}

San Ace 172W



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)

φ172mm × 150mm × 51mm (Mass : 860g) **IP 68** **9WG type** **Sidecut type**

Specifications

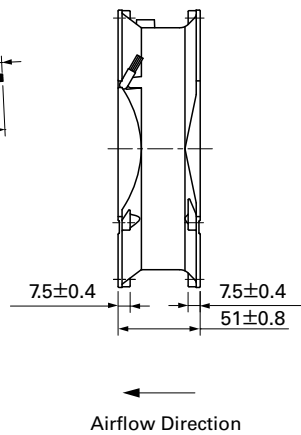
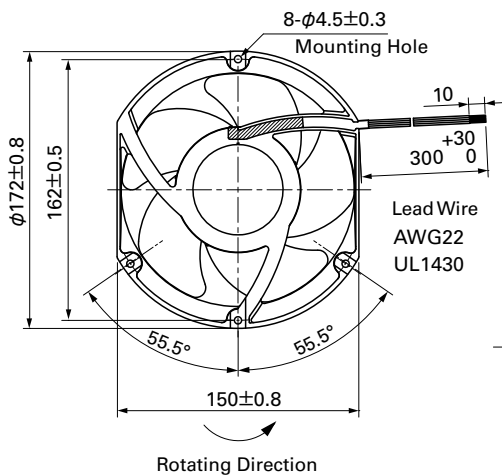
The following nos. **have PWM controls and pulse sensors.**

| 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] |
|---------------|-------------------|-----------------------------|---------------------|-------------------|-----------------|----------------------------------|--|--|-------------|----------------------------|------------------------------|
| 9WG5748P5G001 | 48 | 40.8 to 55.2 | 100 | 2.91 | 140.0 | 8,600 | 15.46 546 | 1,000 4.02 | 78 | -20 to +70 | 40,000/60°C (70,000/40°C) |
| | | | 0 | 0.21 | 10.1 | 2,000 | 3.59 127 | 75.1 0.30 | 40 | | |
| 9WG5748P5H001 | | | 100 | 1.62 | 78.0 | 6,500 | 11.60 410 | 770 3.09 | 71 | | |
| | | | 0 | 0.21 | 10.1 | 2,000 | 3.59 127 | 75.1 0.30 | 40 | | |

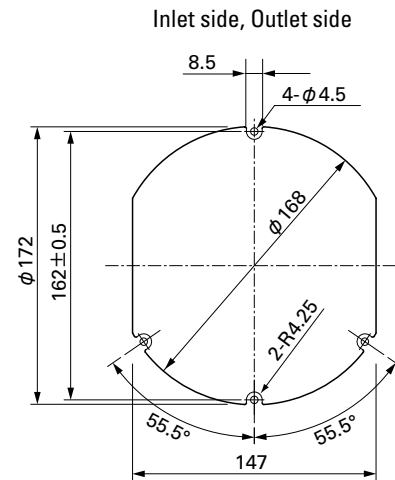
※PWM Frequency : 25kHz

Other sensor specifications are available as options. Please refer to the index (p. 511).

Dimensions (unit: mm)



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

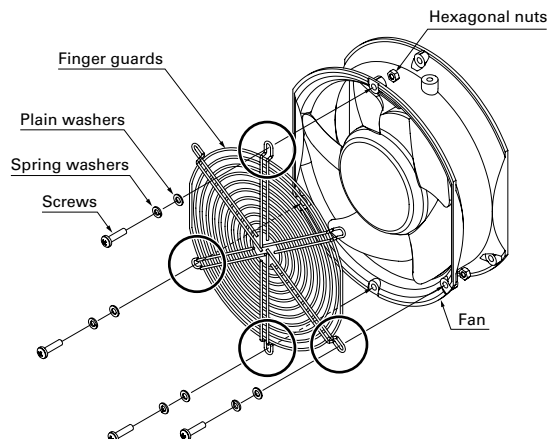
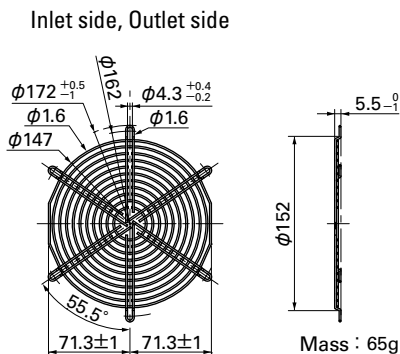


Options (unit: mm)

Finger Guards

Model : 109-319J Color Surface treatment : Nickel-chrome plating (silver)

Finger guard 109-319J should be mounted with four holes as in the drawing.



Options (unit: mm)

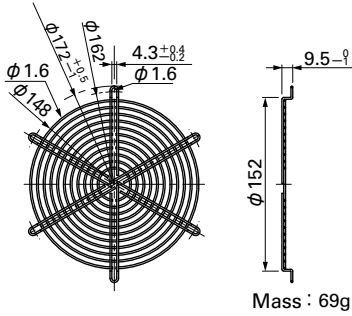
Finger Guards

Model : 109-319E Surface treatment : Nickel-chrome plating (silver) Color : 109-319H : Cation electropainting (black)

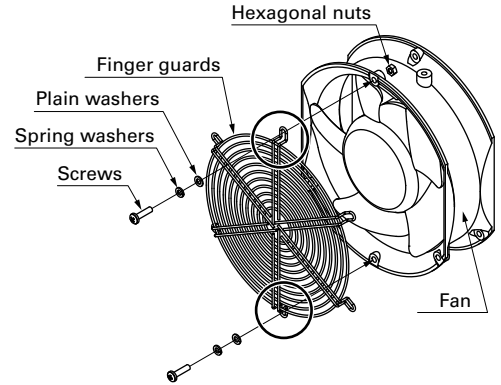
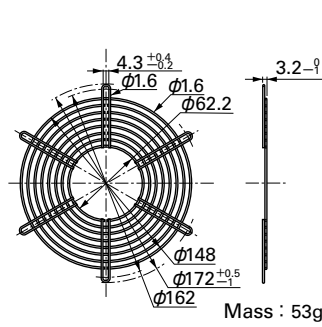
Model : 109-320 Surface treatment : Nickel-chrome plating Color (silver)

Finger guards 109-319E, 109-319H, and 109-320 should be mounted with two holes as in the drawing and do not use any other holes.

Inlet side, Outlet side

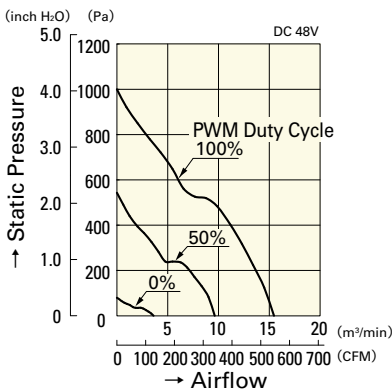


Outlet side

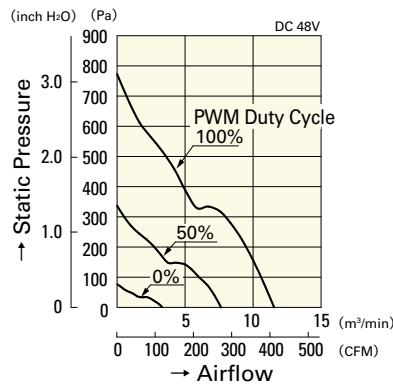


Airflow - Static Pressure Characteristics

PWM Duty Cycle

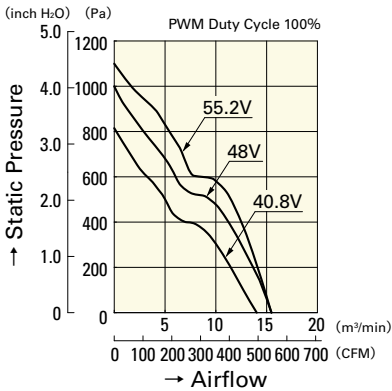


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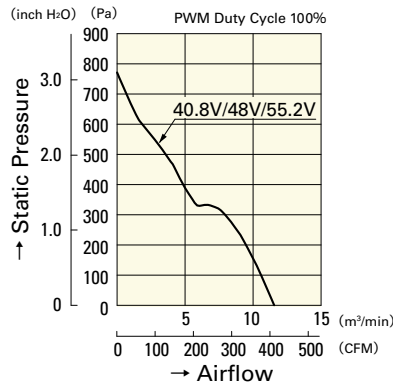


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Operating Voltage Range

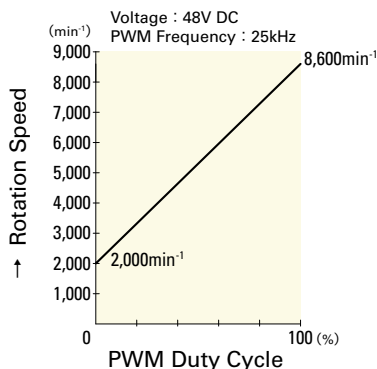


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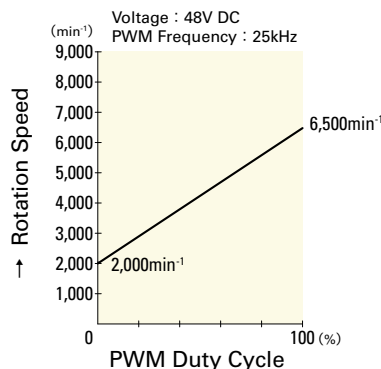


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PWM Duty - Speed Characteristics Example



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