

φ 175mm

San Ace 175W

69mm thick (9W type)



General Specifications

- Material Motor case: Aluminum (Black coating),
Impeller: Plastics (Flammability: UL94V-1Min.)
- 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)

φ 175mm × 69mm (Mass : 760g) **IP 54** **9W type**

Specifications

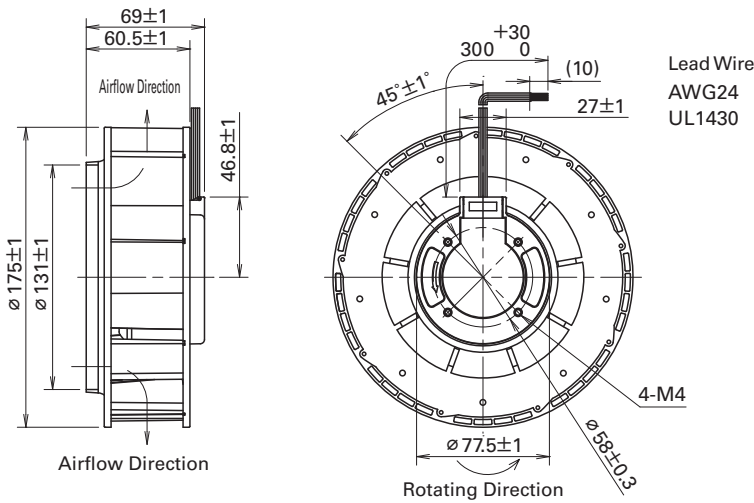
When inlet nozzle [Option (Model : 109-1073)] is mounted. The following nos. **have PWM controls and pulse sensors.**

Model No.	Rated Voltage [V]	Operating Voltage Range [V]	PWM duty cycle ^(Note1) [%]	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 ^(Note2) [h]
9W1TG48P0H61	48	36 to 60	100	0.65	31.2	3,100	9.0 318	360 1.44	64	-20 to +70	40,000/60°C (70,000/40°C)

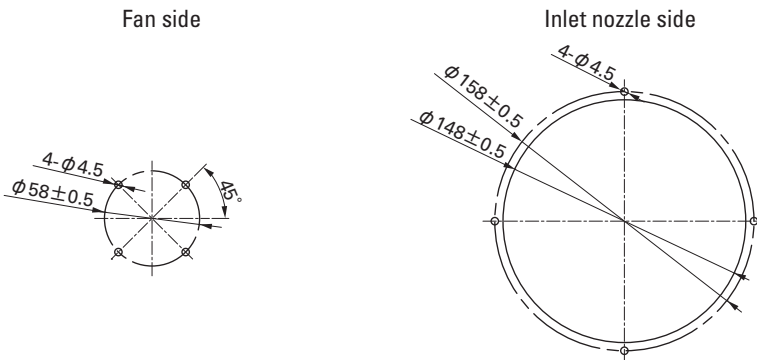
Note 1: Fan does not rotate when PWM duty cycle is 0%.
Note 2: Expected life at 40°C ambient is just reference value.
Max input is 60W at rated voltage.

*PWM Frequency : 25kHz

Dimensions (unit : mm)



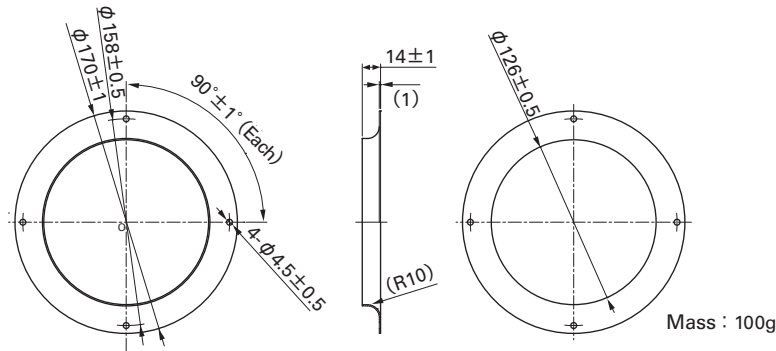
Reference Dimension of Mounting Holes and Vent Opening (unit : mm)



Options (unit : mm)

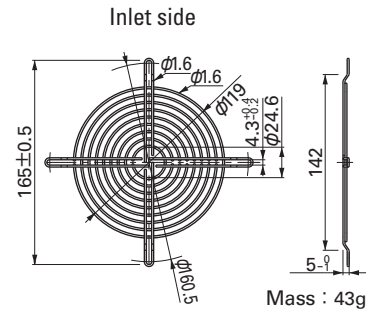
Inlet Nozzle

Model : 109-1073 Material : Steel sheet Surface treatment : Electro nickel plating (silver)
 : 109-1073H : Steel sheet : Cation electropainting (black)



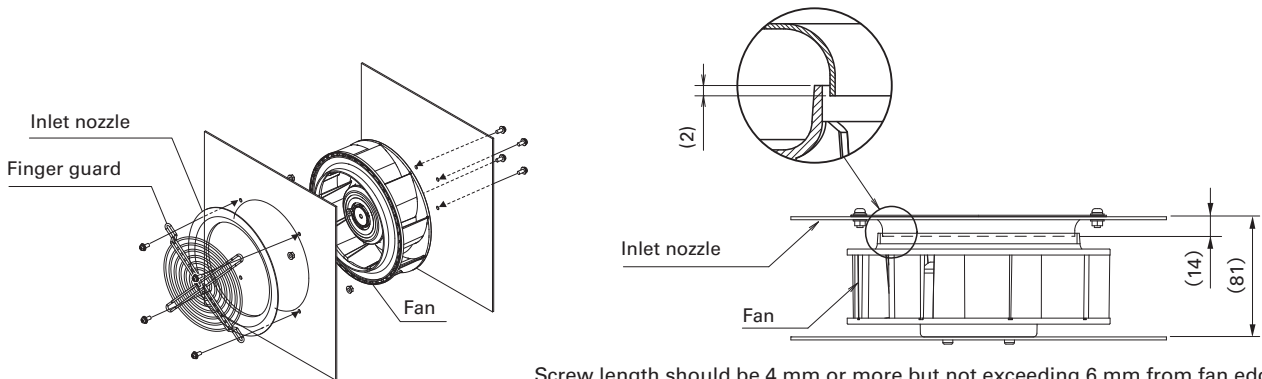
Finger Guards

Model : 109-722 Surface treatment : Nickel-chrome plating (silver) Color (silver)



Inlet nozzle : Nozzle mounted in fan inlet side to adjust the flow of introduced air

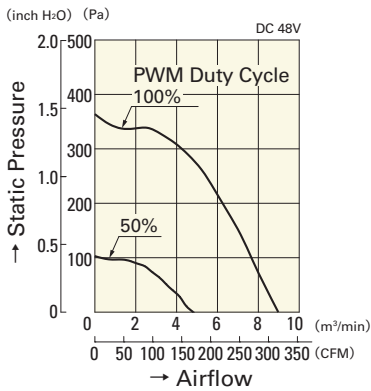
Reference Diagram for Mounting



Screw length should be 4 mm or more but not exceeding 6 mm from fan edge face. To prevent screw from loosening, use plain washer and spring washer.

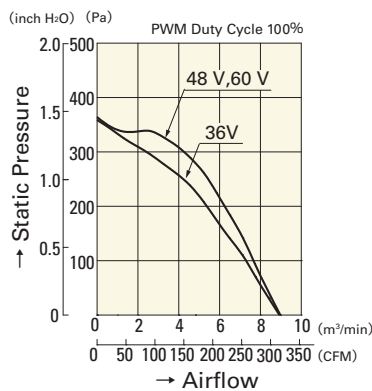
Airflow - Static Pressure Characteristics

PWM Duty Cycle



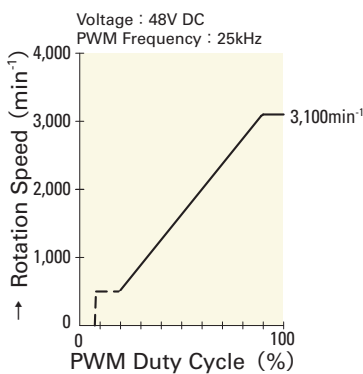
9W1TG48P0H61

Operating Voltage Range



9W1TG48P0H61

PWM Duty Speed Characteristics Example



9W1TG48P0H61