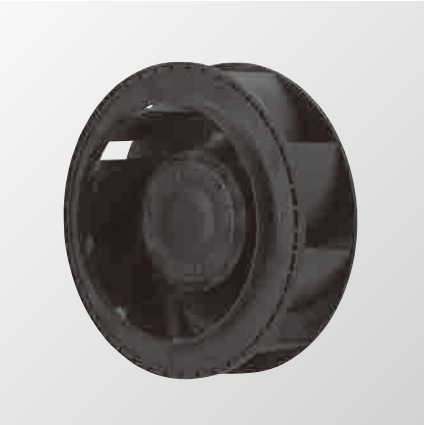
ϕ175mm San Ace 175W



General Specifications

- Material ····· Motor case: Aluminum (Black coating), Impeller: Plastics (Flammability: UL94V-0)
- Expected Life ····· Refer to specifications (Indoor, L10:Survival rate: 90% at 60℃, rated voltage, and continuously run in a free air state)
- Lead Wire ····· ⊕red ⊖black (Sensor) yellow (Control) brown
- Storage Temperature ··· −30℃ to +70℃ (Non-condensing)

ϕ175mm×69mm 〔Mass：760g〕 IP 54 9W type

Specifications

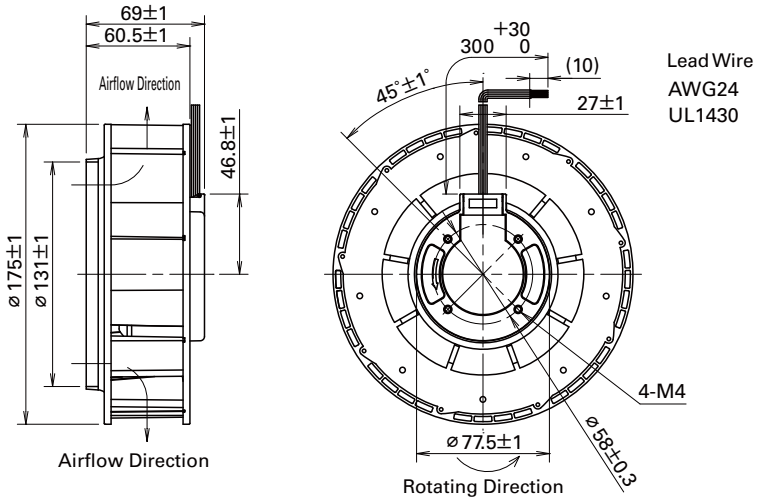
When inlet nozzle〔Option（Model：109-1073)〕is mounted. The following nos. **have PWM controls and pulse sensors.**

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 [m³/min]	Max. Airflow [CFM]	Max. Static Pressure [Pa]	Max. Static Pressure [inchH₂O]	SPL [dB(A)]	Operating Temperature [℃]	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℃ (70,000/40℃)

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

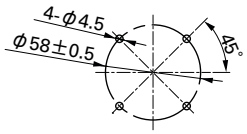
※PWM Frequency：25kHz

Dimensions (unit: mm)

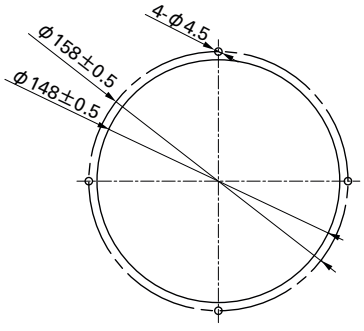


Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)

Fan side



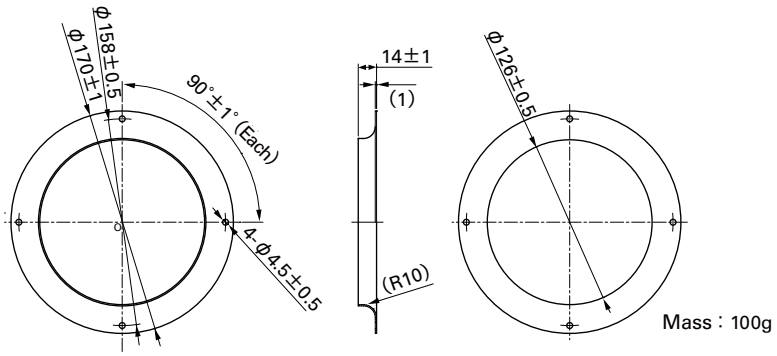
Inlet nozzle side



Options (unit: mm)

Inlet Nozzle

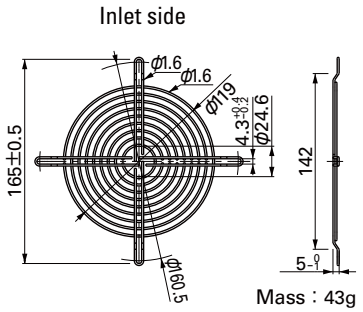
Model : 109-1073 Material : Steel sheet Surface treatment : Electro nickel plating (silver)
: 109-1073H : Steel sheet : Cation electropainting (black)



Mass : 100g

Finger Guards

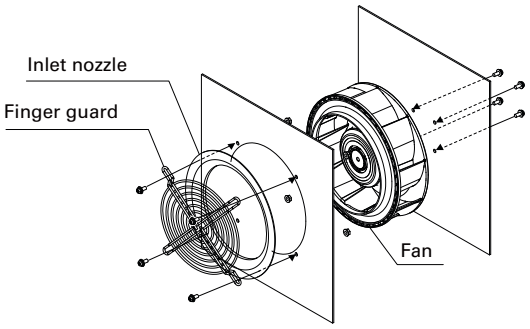
Color
Model : 109-722 Surface treatment : Nickel-chrome plating (silver)

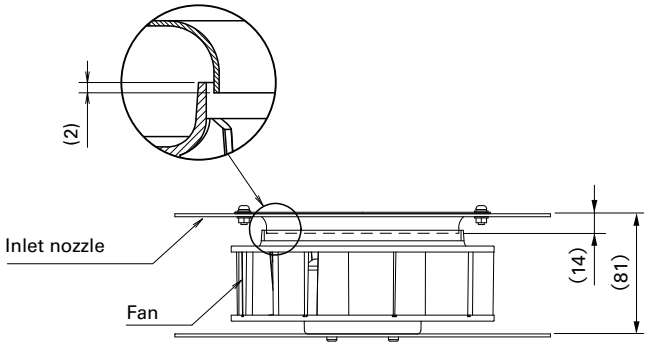


Mass : 43g

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

Reference Diagram for Mounting

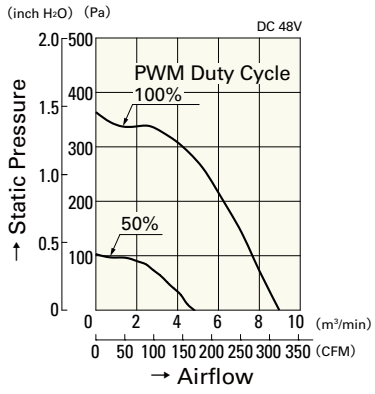




Screw length should be 4 mm or more but not exceeding 6 mm from fan edge face.
To prevent screw from loosing, use plain washer and spring washer.

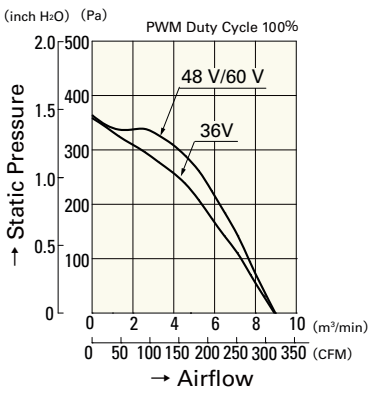
Airflow - Static Pressure Characteristics

PWM Duty Cycle



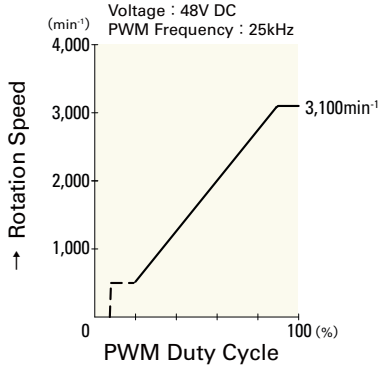
9W1TG48P0H61

Operating Voltage Range



9W1TG48P0H61

PWM Duty Speed Characteristics Example



9W1TG48P0H61