

**φ133mm**

# San Ace 133W

91mm thick (9W type)



## General Specifications

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

**φ133mm × 91mm** (Mass : 720g) **IP 54 9W type**

## Specifications

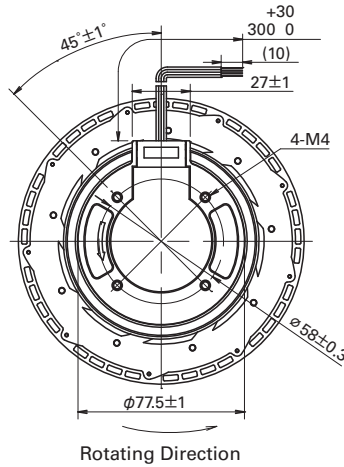
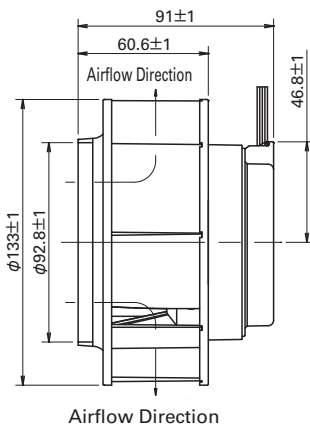
When our inletnozzle [Option (Model : 109-1069)] is mounted. The following nos. **have PWM controls and pulse sensors.**

| Model No.    | Rated Voltage [V] | Operating Voltage Range [V] | PWM duty cycle <sup>Note1)</sup> [%] | Rated Current [A] | Rated Input [W] | Rated Speed [min <sup>-1</sup> ] | Max. Airflow [m <sup>3</sup> /min] [CFM] | Max. Static Pressure [Pa] [inchH <sub>2</sub> O] | SPL [dB(A)] | Operating Temperature [°C] | Expected Life <sup>Note2)</sup> [h] |
|--------------|-------------------|-----------------------------|--------------------------------------|-------------------|-----------------|----------------------------------|--|--|-------------|----------------------------|-------------------------------------|
| 9W1TJ24P0H61 | 24                | 20.4 to 27.6                | 100                                  | 1.2               | 28.8            | 4,150                            | 6.39 225                                 | 395 1.59   | 61          | -20 to +70                 | 40,000/60°C<br>(70,000/40°C)        |
| 9W1TJ48P0H61 | 48                | 36 to 60                    | 100                                  | 0.55              | 26.4            | 4,150                            | 6.39 225                                 | 395 1.59   | 61          |                            |                                     |

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 45W at rated voltage.

※PWM Frequency : 25kHz

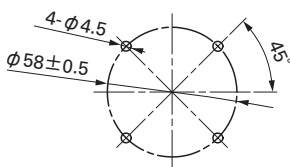
## Dimensions (unit : mm)



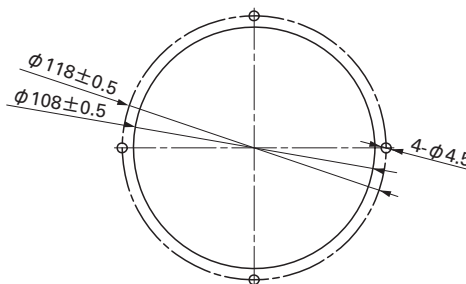
Lead Wire  
 AWG24  
 UL1430

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

Fan side



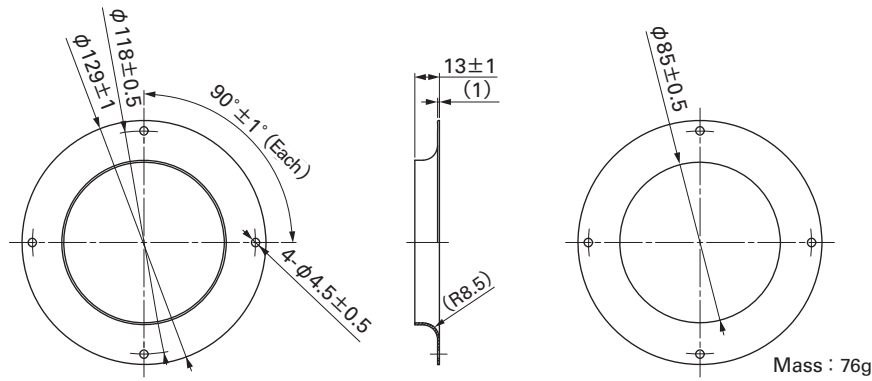
Inlet nozzle side



**Options (unit : mm)**

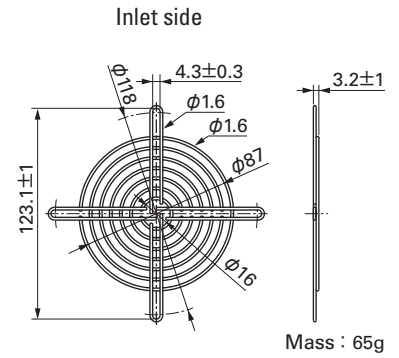
**Inlet Nozzle**

Model : 109-1069 Material : Steel sheet Surface treatment : Electro nickel plating (silver)  
 : 109-1069H : Steel sheet : Cation electropainting (black)



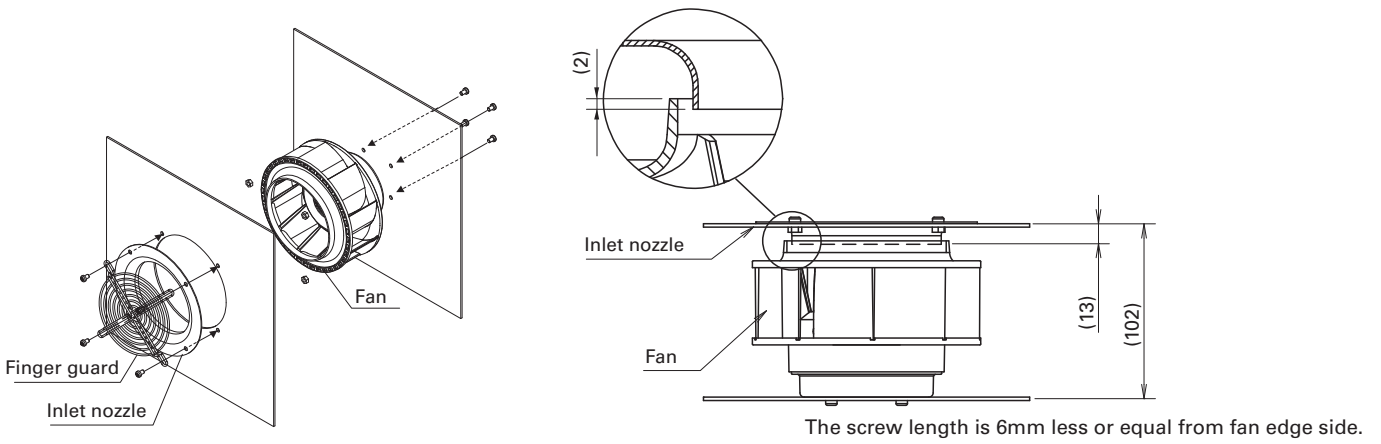
**Finger Guards**

Model : 109-1112 Surface treatment : Nickel-chrome plating (silver) Color



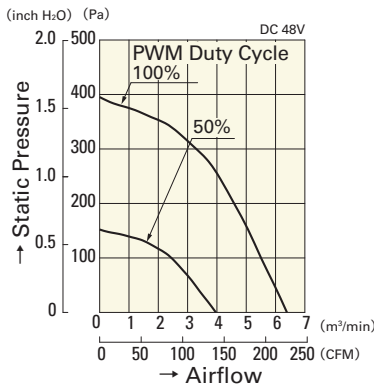
Inlet nozzle : Nozzle mounted in fan inlet side to adjust the flow of introduced air

**Reference Diagram for Mounting**



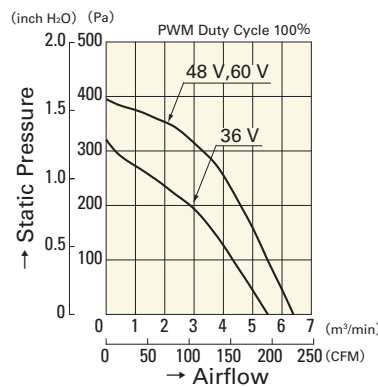
**Airflow - Static Pressure Characteristics**

**PWM Duty Cycle**



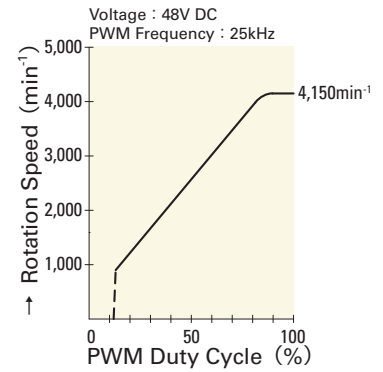
**9W1TJ48P0H61**

**Operating Voltage Range**

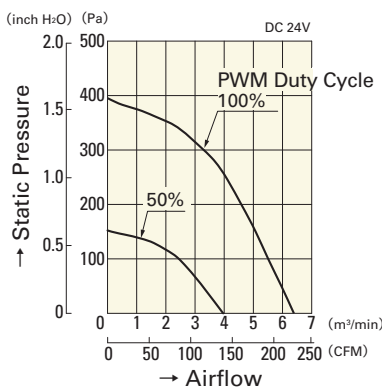


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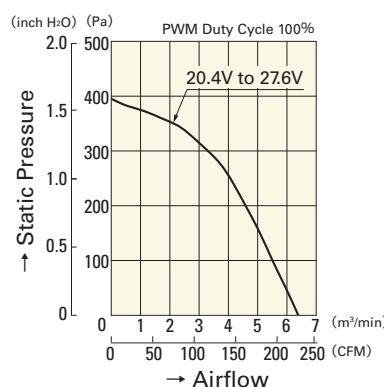
**PWM Duty Speed Characteristics Example**



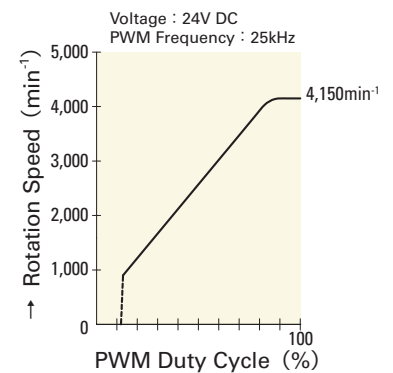
**9W1TJ48P0H61**



**9W1TJ24P0H61**



**9W1TJ24P0H61**



**9W1TJ24P0H61**