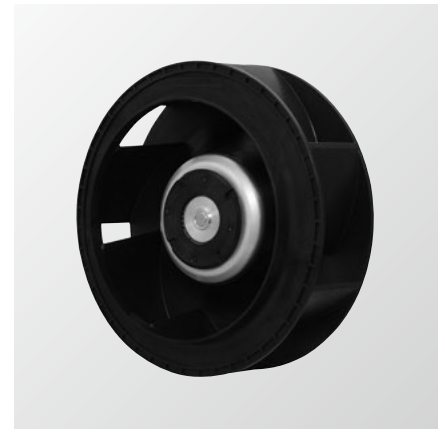


$\phi$  175mm

# San Ace C175



## General Specifications

- Material ..... Motor case: Aluminum,  
Impeller: Plastics (Flammability: UL94V-0)
- Expected Life ..... Refer to specifications (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)

$\phi$  175mm × 69mm (Mass : 720g) **9T type**

## Specifications

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

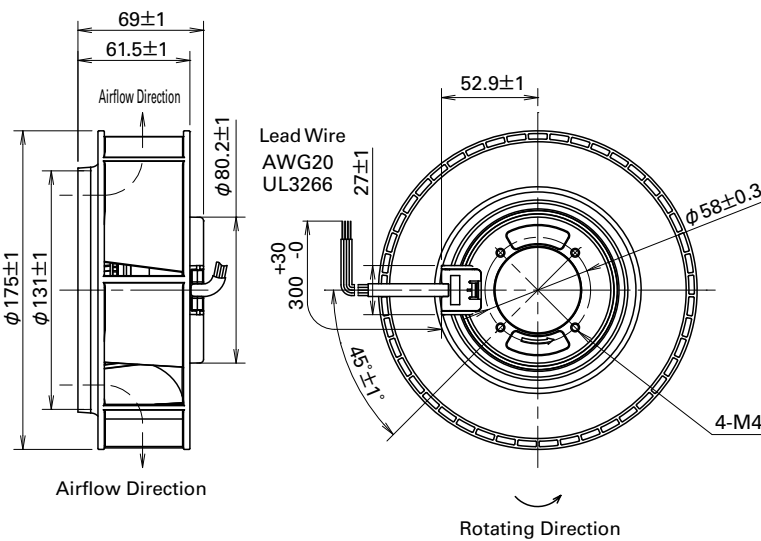
Model No.	Rated Voltage [V]	Operating Voltage Range [V]	PWM duty cycle <sup>※</sup> [%]	Rated Current [A]	Rated Input [W]	Rated Speed [min <sup>-1</sup> ]	Max. Airflow [m <sup>3</sup> /min] [CFM]	Max. Static Pressure [Pa] [inchH <sub>2</sub> O]	SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]
9TGA24P0H001	24	16 to 36	100	4.8	115	4,950	15.3 541	830 3.33	77	-20 to +70	40,000/60°C (70,000/40°C)
			15	0.14	3.36	800	2.5 88.3	21.8 0.088	38		
9TGA48P0G001	48	36 to 72	100	3.5	168	5,700	17.6 622	1,100 4.42	80		
			15	0.07	3.36	800	2.5 88.3	21.8 0.088	38		

Note 1 : Fan does not rotate when PWM duty cycle is 0% .

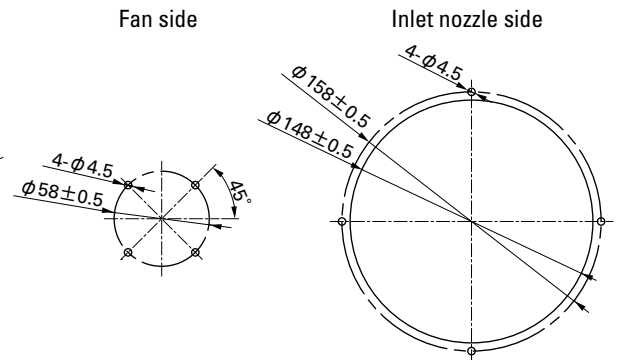
※PWM Frequency : 25kHz

Note 2 : Max input of 9TGA24P0H001: 210 W, 9TGA48P0G001: 325 W at rated voltage.

## Dimensions (unit: mm)



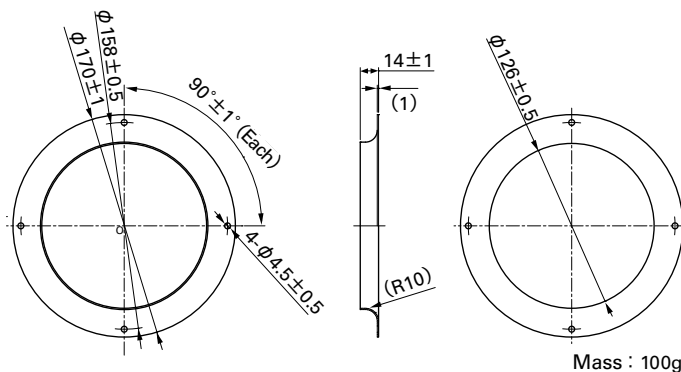
## Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)



## Options (unit: mm)

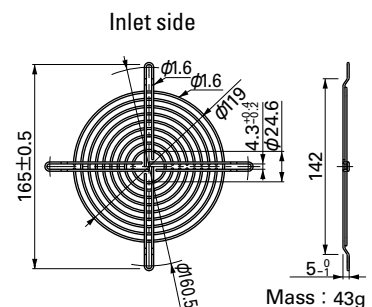
### Inlet Nozzle

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



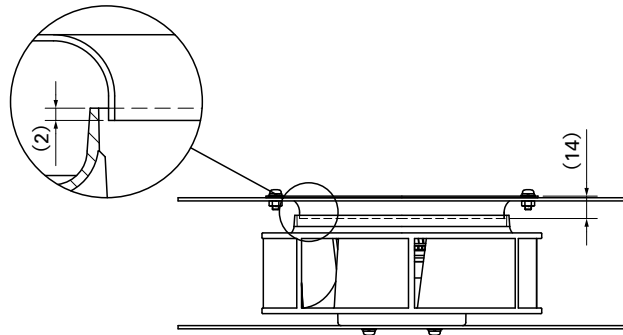
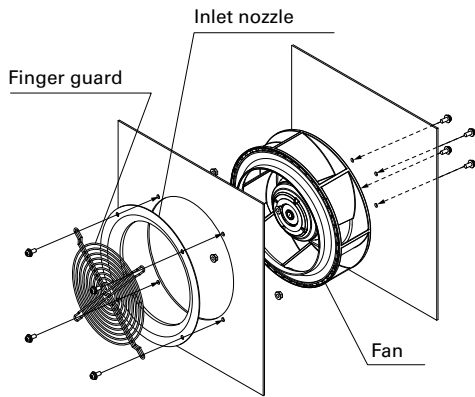
### Finger Guards

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



Inlet nozzle: Equipment to be mounted in inlet side for adjusting incoming airflow.

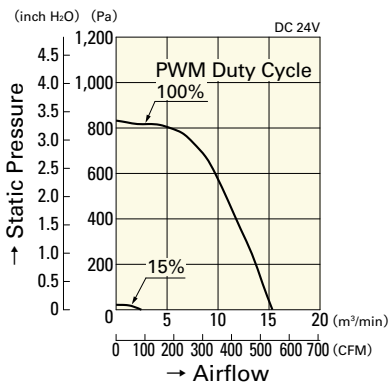
## Reference Diagram for Mounting



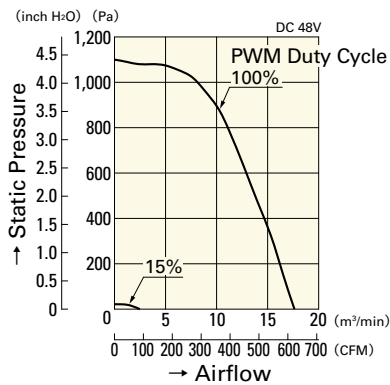
Bolt length: 6 mm max.

## Airflow - Static Pressure Characteristics

### PWM Duty Cycle

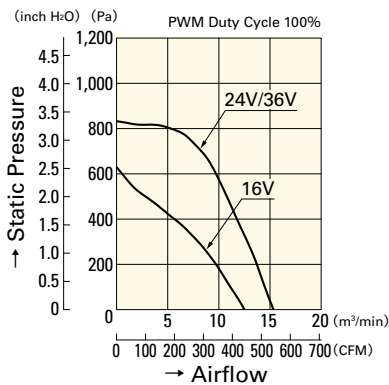


9TGA24P0H001

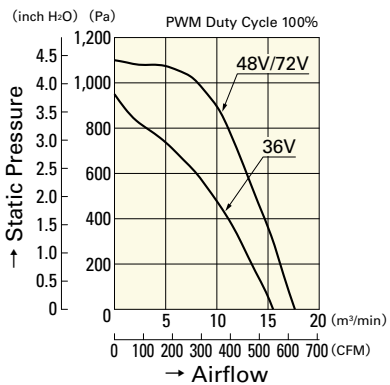


9TGA48P0G001

### Operating Voltage Range

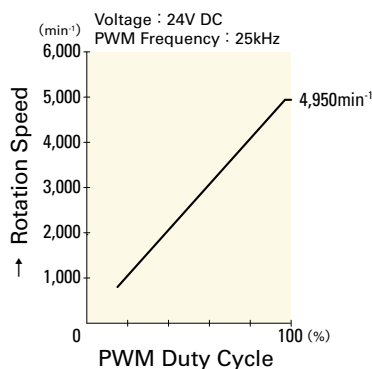


9TGA24P0H001

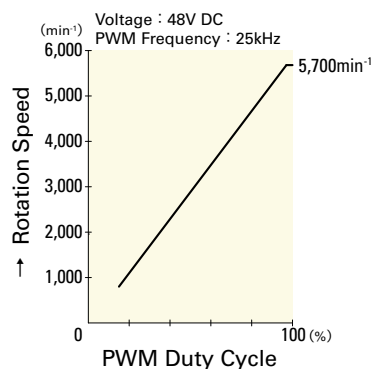


9TGA48P0G001

## PWM Duty - Speed Characteristics Example



9TGA24P0H001



9TGA48P0G001