

φ 225 mm

San Ace C225



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)

φ 225 mm × 99 mm (Mass : 1,220g) **9TS type**

Specifications

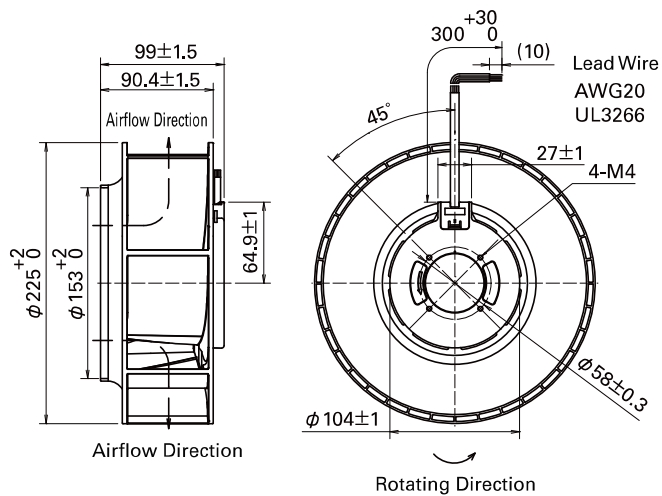
When inlet nozzle [Option (Model : 109-1134)] is mounted. The following nos. have PWM controls and pulse sensors.

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]
9TS48P0G001	48	36 to 72	100	3.65	175.2	3,550	28.1 992	861 3.46	74.5	-20 to +60	40,000/60°C (70,000/40°C)
			15	0.24	11.5	1,000	7.85 277	68.5 0.28	52.0		
9TS48P0H001			100	2.08	99.8	2,900	22.7 802	590 2.37	70.5	-20 to +70	
			15	0.24	11.5	1,000	7.85 277	68.5 0.28	52.0		

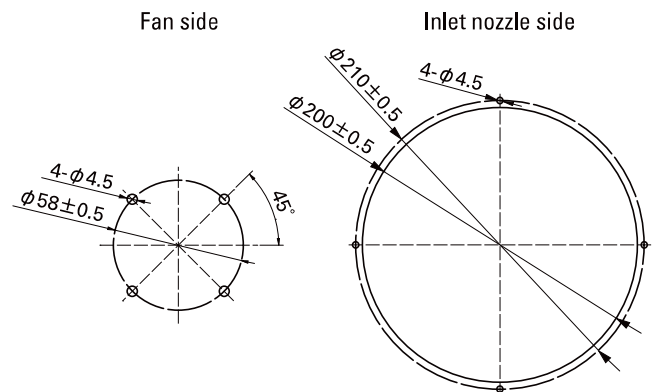
Note 1 : Fan does not rotate when PWM duty cycle is 0%.
 Note 2 : Max input is 380 W at rated voltage.

※PWM Frequency : 25kHz

Dimensions (unit: mm)



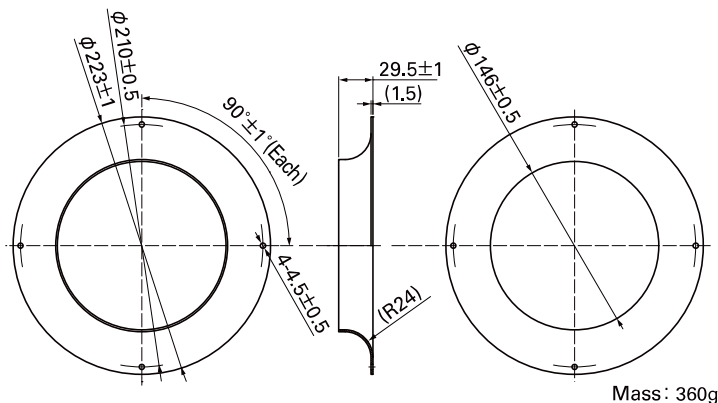
Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)



Options (unit: mm)

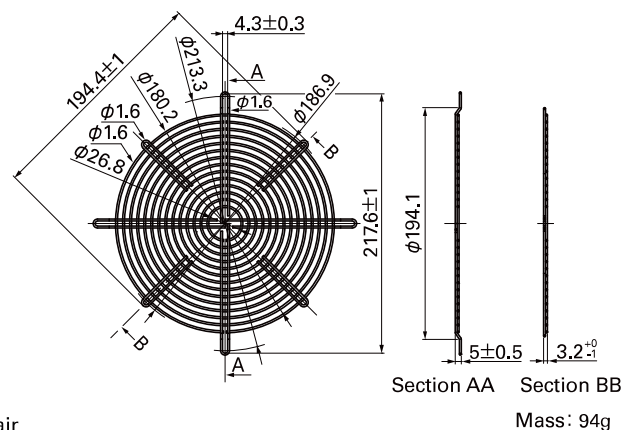
Inlet Nozzle

Model : 109-1134 Material : Steel sheet Surface treatment : Electro nickel plating (silver) Color : (silver)



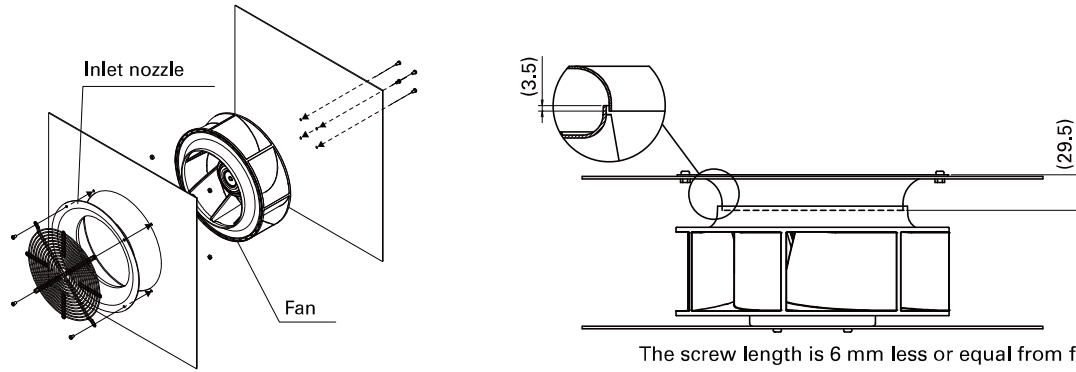
Finger Guards

Model : 109-1137 Surface treatment : Nickel-chrome plating (silver) Color : (silver)



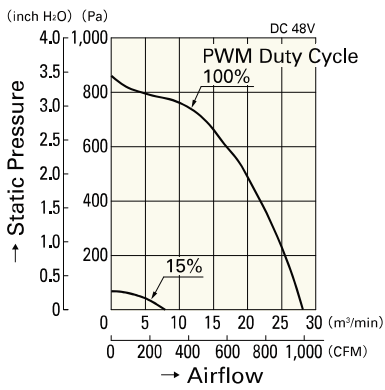
Inlet nozzle : Nozzle mounted in fan inlet side to adjust the flow of introduced air

Reference Diagram for Mounting

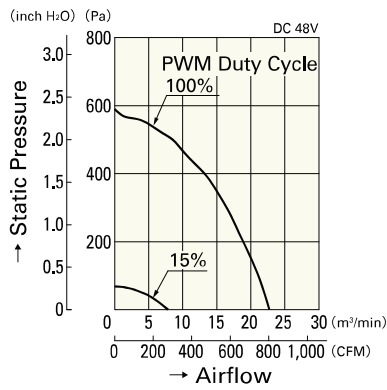


Airflow - Static Pressure Characteristics

PWM Duty Cycle

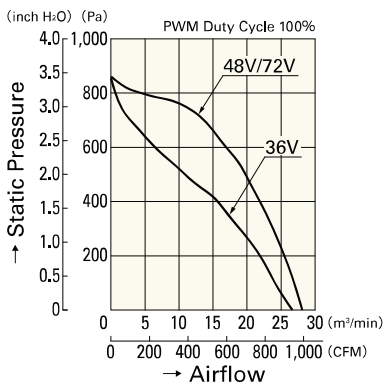


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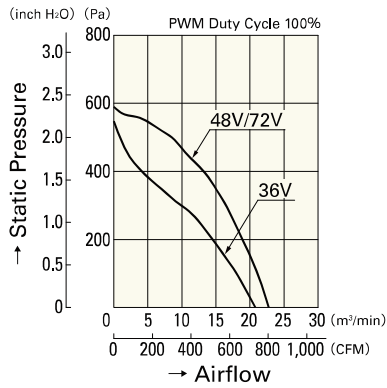


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Operating Voltage Range

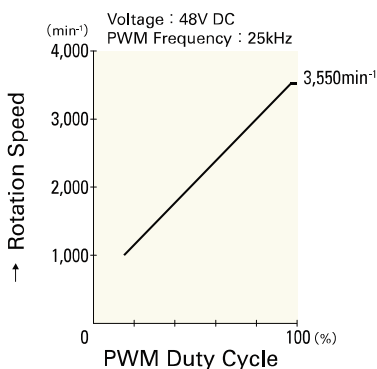


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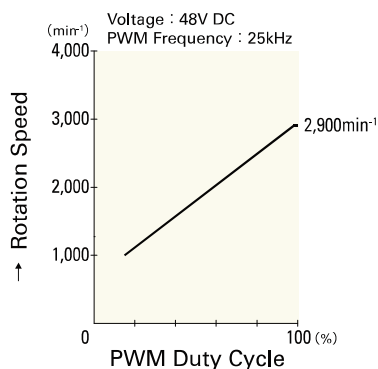


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PWM Duty - Speed Characteristics Example



9TS48P0G001



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