

ϕ 221 mm

San Ace C221



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: \oplus red \ominus black (Sensor) yellow (Control) brown
- Storage Temperature: -30°C to +70°C (Non-condensing)

ϕ 221 mm \times 71 mm (Mass : 1,050g) **9TP type**

Specifications When inlet nozzle [Option (Model : 109-1135)] is mounted. The following nos. **have PWM controls and pulse sensors.**

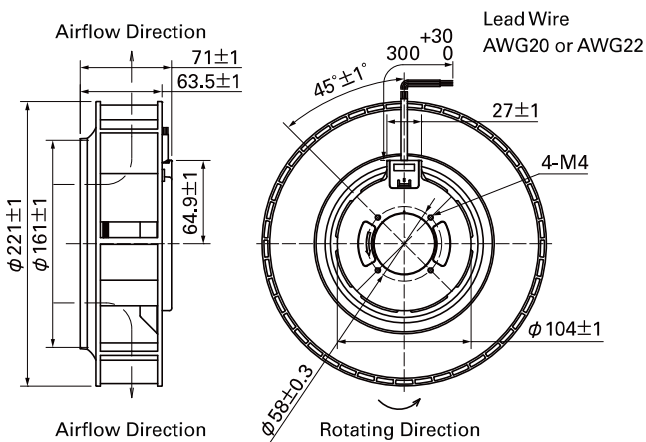
Model No.	Rated Voltage [V]	Operating Voltage Range [V]	PWM duty cycle ^{Max/Min} [%]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Max. Airflow [m ³ /min] [CFM]	Max. Static Pressure [Pa] [inchH ₂ O]	SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]
9TP24P0H001	24	16 to 36	100	3.2	76.8	3,050	17.6 622	530 2.13	71	-20 to +70	40,000/60°C (70,000/40°C)
			15	0.4	9.6	1,000	5.75 203	57.4 0.23	53		
9TP48P0G001	48	36 to 72	100	2.75	132	3,650	21 742	760 3.05	74	-20 to +60	
			15	0.2	9.6	1,000	5.75 203	57.4 0.23	53		
9TP48P0H001			100	1.6	76.8	3,050	17.6 622	530 2.13	71	-20 to +70	
			15	0.2	9.6	1,000	5.75 203	57.4 0.23	53		

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

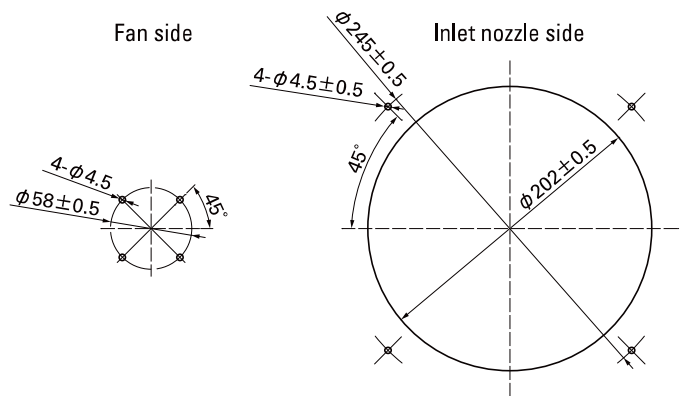
*PWM Frequency : 25kHz

Note 2 : Max input is 9TP48P0G001: 280 W, 9TP24P0H001 / 9TP48P0H001: 160 W at rated voltage.

Dimensions (unit: mm)



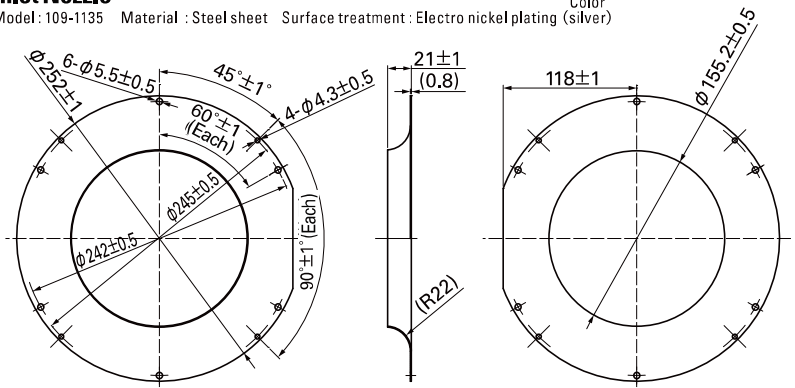
Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)



Options (unit: mm)

Inlet Nozzle

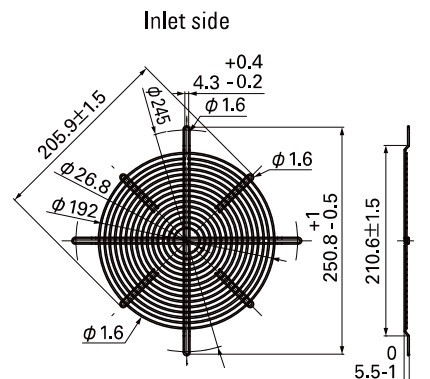
Model: 109-1135 Material : Steel sheet Surface treatment : Electro nickel plating Color (silver)



Mass: 230g

Finger Guards

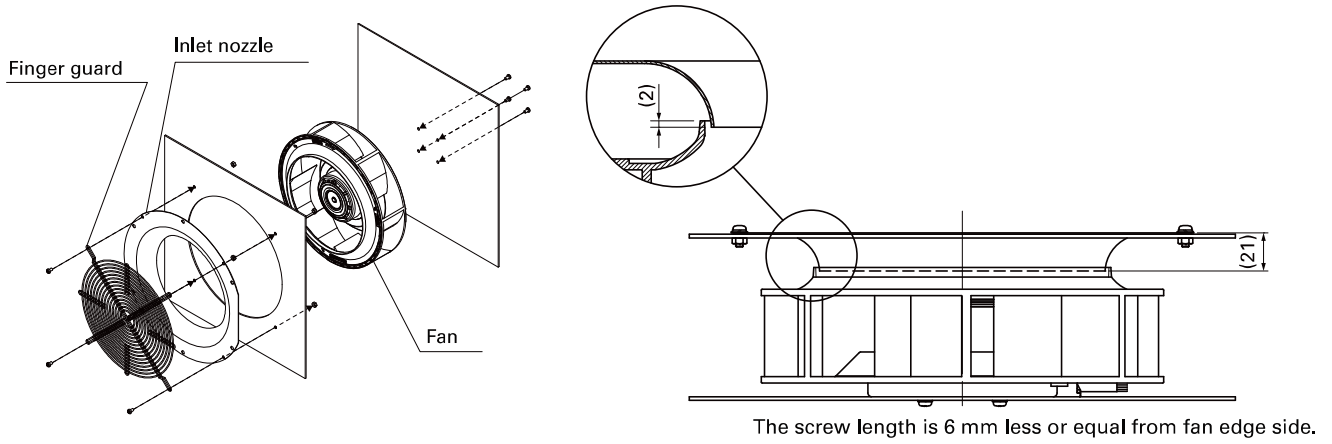
Model: 109-1138 Surface treatment : Nickel-chrome plating Color (silver)



Mass: 105g

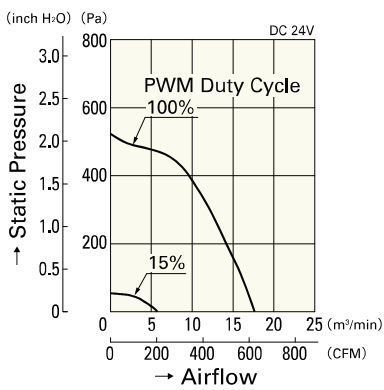
Inlet nozzle : Nozzle mounted in fan inlet side to adjust the flow of introduced air

Reference Diagram for Mounting

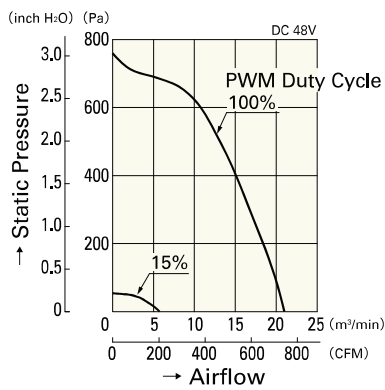


Airflow - Static Pressure Characteristics

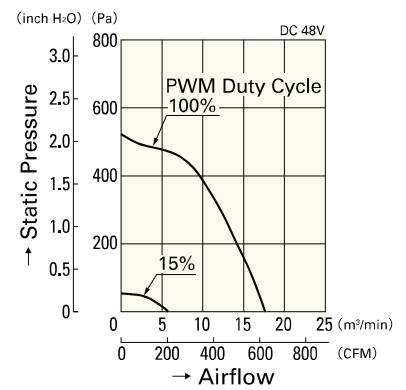
PWM Duty Cycle



9TP24P0H001

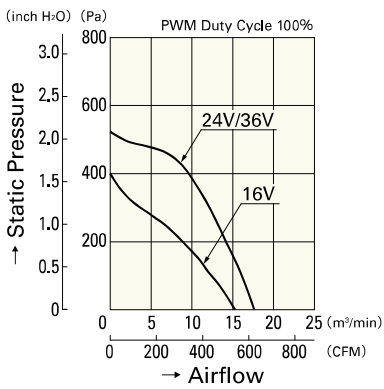


9TP48P0G001

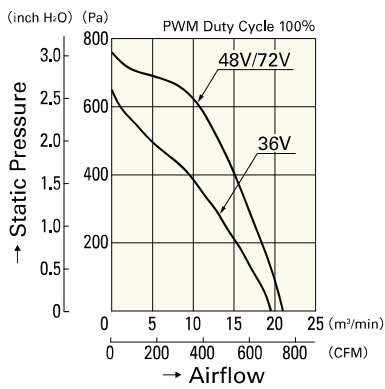


9TP48P0H001

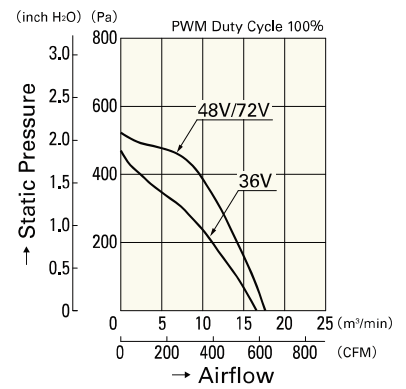
Operating Voltage Range



9TP24P0H001

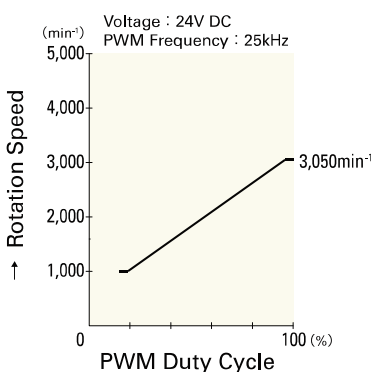


9TP48P0G001

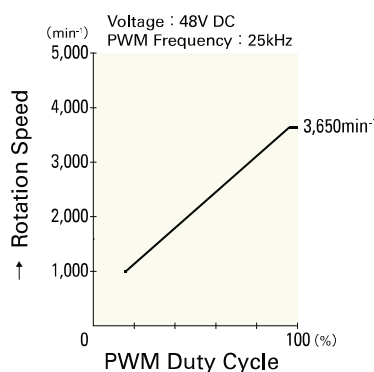


9TP48P0H001

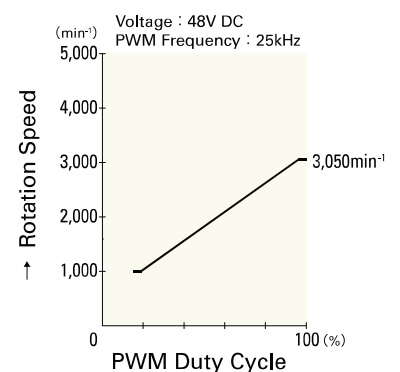
PWM Duty - Speed Characteristics Example



9TP24P0H001



9TP48P0G001



9TP48P0H001