

DC Fan

92mm sq.

San Ace 92

25mm thick (9GA type), 25mm thick (9S type)
 25mm thick (9P type), 25mm thick (San Cooler) (9A type)
 32mm thick (9G type), 38mm thick (9GA type)
 38mm thick (9HV type), 38mm thick (9GV type)
 38mm thick (9G type)

General Specifications

- Material.....Frame: Plastics (Flammability: UL94V-0),
Impeller: Plastics (Flammability: UL94V-1)
- Expected LifeRefer to specifications (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)



92×92×38mm (Mass : 250g) 9GV type

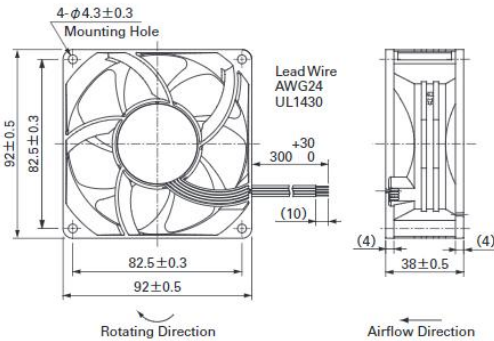
Specifications The following nos. have PWM controls, pulse sensors, and ribs. For ribless, append "1" to the model no.

Model No.	Rated Voltage [V]	Operating Voltage Range [V]	PWM duty cycle # [%]	Rated Current [A]	Rated Input [W]	Rated Speed [mm ³ /min]	Max. Airflow [m ³ /min] [CFM]	Max. Static Pressure [Pa] [mmHg@40°C]	SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]
9GV0912P1G03	12	10.8 to 13.2	100	4.10	49.2	9,000	5.35 189.0	430.0 1.73	68	-20 to +70	40,000
			0	0.33	4.0	2,900	1.72 60.8	44.6 0.18	37		
10.2 to 13.8		100	3.50	42.0	8,500	5.05 178.0	385.0 1.55	64	-10 to +70		
		0	0.29	3.5	2,700	1.60 56.5	38.8 0.16	34			
9GV0912P1H03		100	1.9	22.8	7,000	4.15 146.6	261 1.05	59		-10 to +70	
9GV0912P1F03		0	0.16	1.92	2,200	1.3 45.9	25.7 0.1	31			
9GV0948P1H03	48	40.8 to 55.2	100	0.82	39.4	8,500	5.05 178.0	385.0 1.55	64	-20 to +70	
			0	0.14	6.7	4,000	2.37 83.7	85.2 0.34	45		
			100	0.48	23.04	7,000	4.15 146.6	261 1.05	59	-10 to +70	
			0	0.12	5.76	3,500	2.07 73.1	65.2 0.26	42		

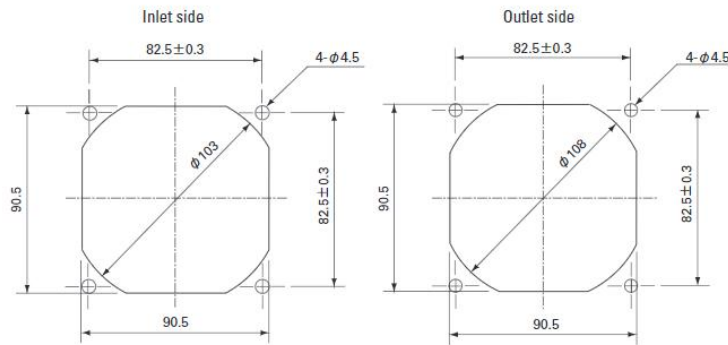
※PWM Frequency : 25kHz

Some models can also be equipped without sensors or with pulse sensors (no PWM control functions) as an option. Please refer to the index (pp. 417 to 437).

Dimensions (unit : mm) (With ribs)



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

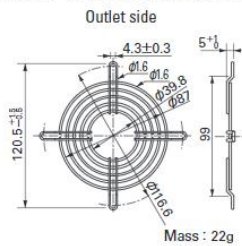


DC
DC Fan 92mm

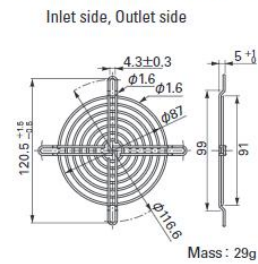
Options (unit : mm)

Finger Guards

Model : 109-099C Surface treatment : Nickel-chrome plating (silver) Color

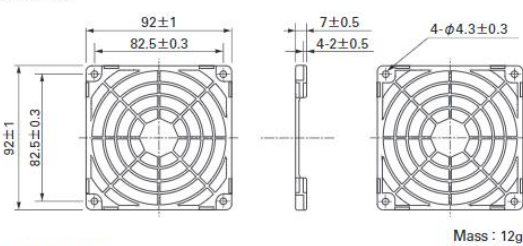


Model : 109-099E Surface treatment : Nickel-chrome plating (silver) Color
Model : 109-099H Surface treatment : Carbon electroplating (black)



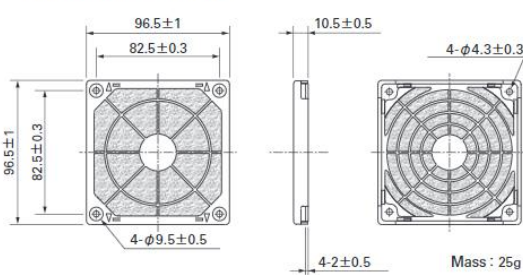
Resin Finger Guards

Model : 109-1001G



Resin Filter Kits

Model : 109-1001F13 (13PPI), 109-1001F20 (20PPI)
Model : 109-1001F30 (30PPI), 109-1001F40 (40PPI)



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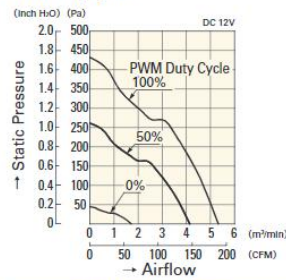
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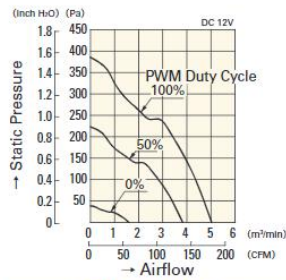
92×92×38mm (Mass : 250g)

Airflow - Static Pressure Characteristics

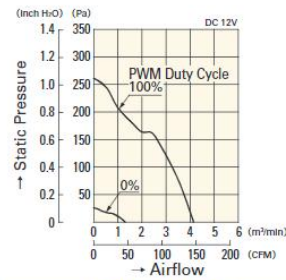
PWM Duty Cycle



9GV0912P1G03

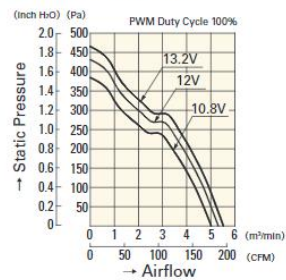


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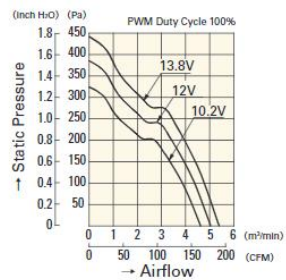


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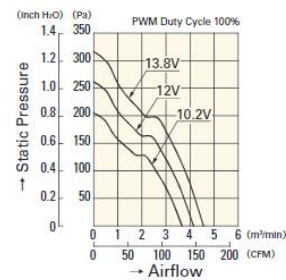
Operating Voltage Range



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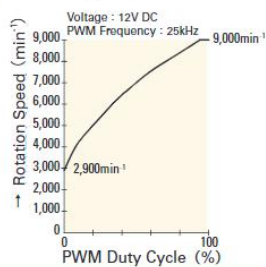


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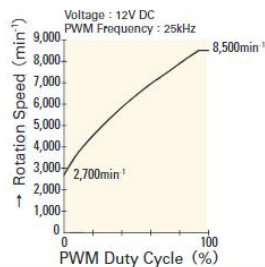


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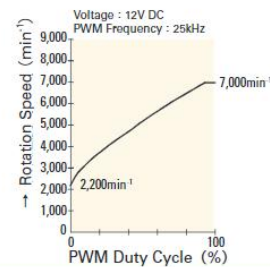
PWM Duty - Speed Characteristics Example



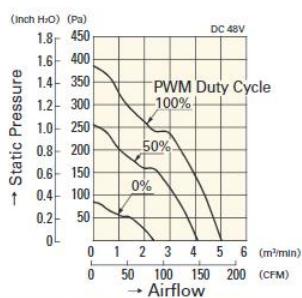
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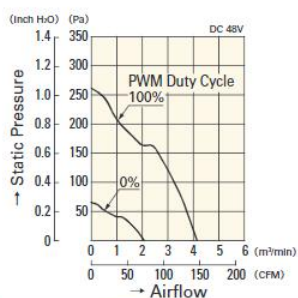
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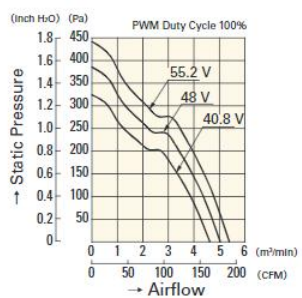
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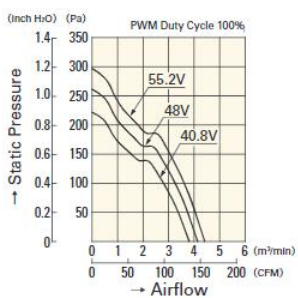
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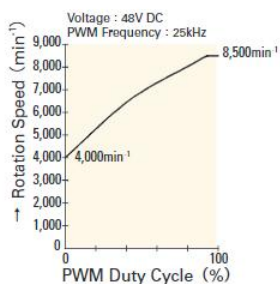
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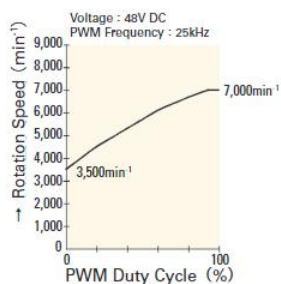
9GV0948P1H03



9GV0948P1F03



9GV0948P1H03



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