

80mm sq.

San Ace 80

32mm thick (GA type), 38mm thick (GA type)



General Specifications With a pulse sensor Specifications for pulse sensors ⇨ Refer to Page 297

With PWM speed control function ⇨ Refer to Page 299

- Material Frame: Plastics (Flammability: UL94V-0),
Impeller: Plastics (Flammability: UL94V-0)
- Expected Life Varies for each model (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)

80×80×32mm (Mass : 130g)

GA type

High air flow



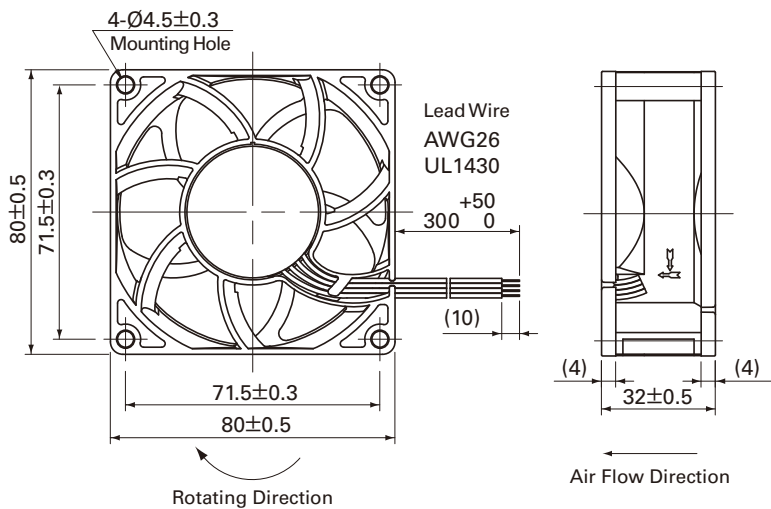
Specifications The numbers in () represent ribless models.

Model No.	Rated Voltage [V]	Operating Voltage Range [V]	PWM duty cycle* [%]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Max. Air Flow [m ³ /min] [CFM]	Max. Static Pressure [Pa] [inchH ₂ O]	SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]
9GA0812P2S001(0011)	12	10.2 to 13.8	100	0.83	9.96	9,700	2.45 86.5	360 1.45	57	-10 to +70	40,000
			0	0.08	0.96	2,800	0.71 25.1	30 0.12	24		
9GA0812P2H001(0011)			100	0.59	7.08	8,700	2.20 77.7	294 1.18	54		
			0	0.05	0.6	2,600	0.66 23.3	26 0.105	21		
9GA0824P2S001(0011)	24	20.4 to 27.6	100	0.42	10.1	9,700	2.45 86.5	360 1.45	57		
			0	0.05	1.2	2,800	0.71 25.1	30 0.12	24		

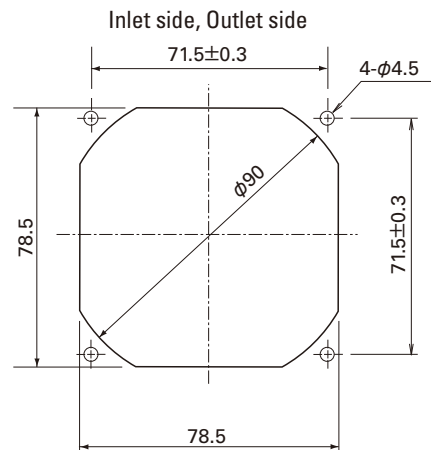
※PWM Frequency : 25kHz

Without Sensor Pulse Sensor PWM Control Available in all models.

Dimensions (Unit : mm)



Reference dimension of mounting holes and vent opening (Unit : mm)



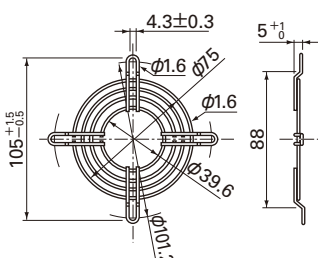
Options (Unit : mm)

Finger guards

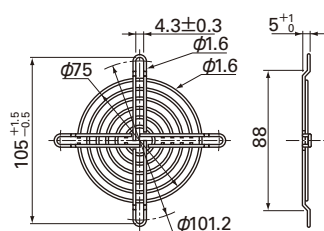
Model : 109-049C Surface treatment : Nickel-chrome plating (silver) Color

Model : 109-049E Surface treatment : Nickel-chrome plating (silver) Color
: 109-049H : Cation electropainting (black)

Outlet side



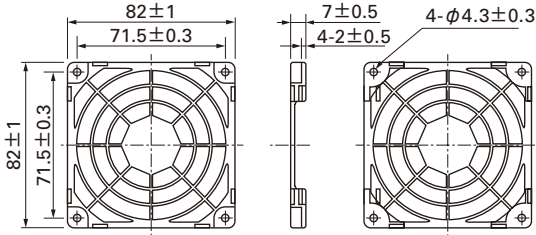
Inlet side, Outlet side



Options (Unit : mm)

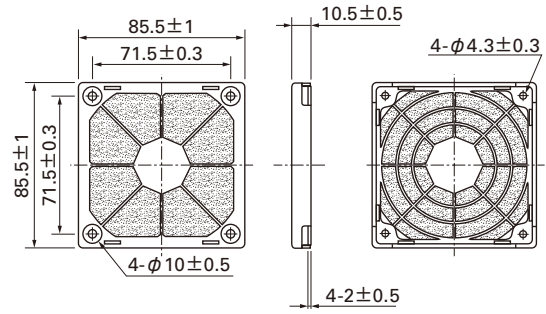
Resin finger guards

Model : 109-1002G



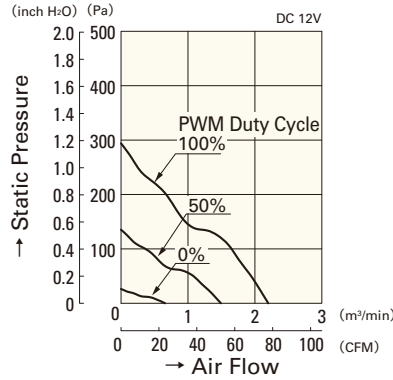
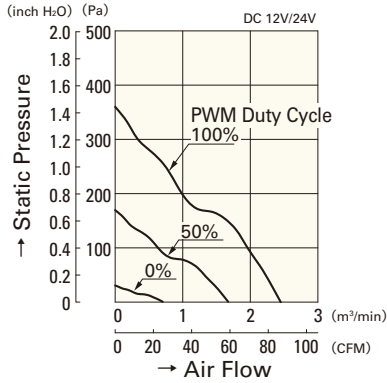
Resin filter kits

Model : 109-1002F13 (13PPI), 109-1002F20 (20PPI)
: 109-1002F30 (30PPI), 109-1002F40 (40PPI)



Air Flow - Static Pressure Characteristics

PWM Duty Cycle

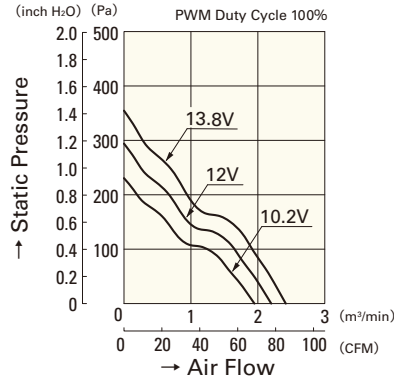
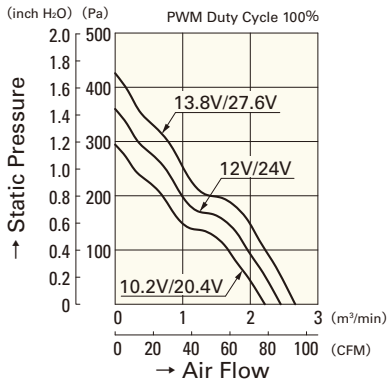


9GA0812P2S001(0011)

9GA0812P2H001(0011)

9GA0824P2S001(0011)

Operating Voltage Range

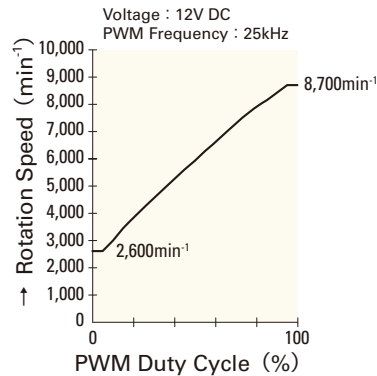
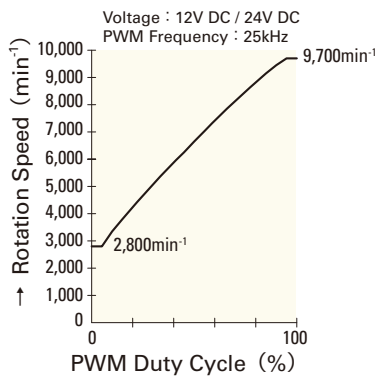


9GA0812P2S001(0011)

9GA0812P2H001(0011)

9GA0824P2S001(0011)

PWM Duty - Speed Characteristics Example



9GA0812P2S001(0011)

9GA0812P2H001(0011)

9GA0824P2S001(0011)

Mouser Electronics

Authorized Distributor

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Sanyo Denki:

[9GA0812P2H0011](#) [9GA0824P2S0011](#)