

80mm sq.

San Ace 80WS



General Specifications

- Material.....Frame: Plastics (Flammability: UL94V-0),
Impeller: Plastics (Flammability: UL94V-1)
- Expected LifeRefer to specifications (Indoor, L10:Survival rate: 90% at 60°C,
rated voltage, and continuously run in a free air state)
- Lead Wire⊕red ⊖black or blue (Sensor) yellow
- Storage Temperature ...-30°C to +70°C (Non-condensing)

80×80×25mm [Mass : 120g] **IP 54** **9WS type**

Specifications

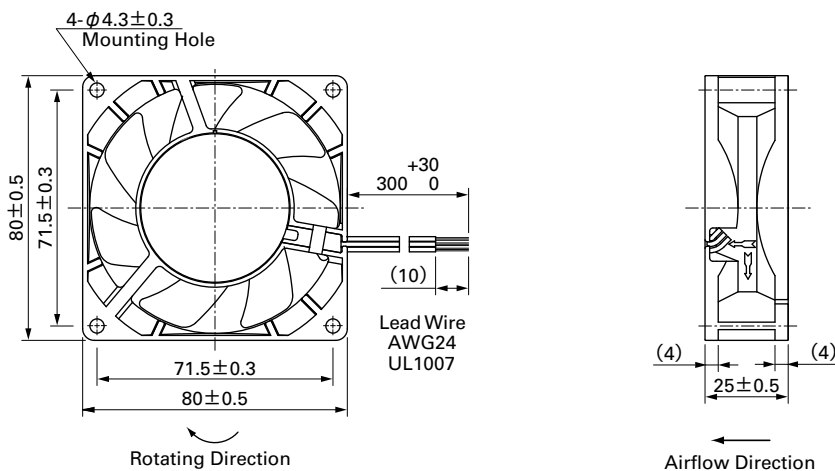
The following nos. **have pulse sensors and ribs**. For ribless, append "1" to the model no.

Model No.	Rated Voltage [V]	Operating Voltage Range [V]	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]
9WS0812H401	12	10.2 to 13.8	0.16	1.92	3,100	0.94	33.2	45.1 0.181	- 20 to + 70	40,000/60°C
9WS0812F401			0.13	1.56	2,700	0.83	29.3	34.3 0.138		
9WS0812M401			0.1	1.2	2,200	0.65	23.0	23.5 0.094		
9WS0824H401	24	20.4 to 27.6	0.09	2.16	3,100	0.94	33.2	45.1 0.181		
9WS0824F401			0.07	1.68	2,700	0.83	29.3	34.3 0.138		
9WS0824M401			0.05	1.2	2,200	0.65	23.0	23.5 0.094		

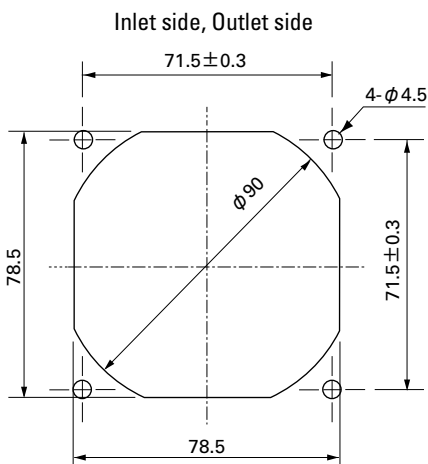
Other sensor specifications are available as options. Please refer to the index (pp. 512 to 513).

Dimensions (unit: mm)

(With ribs)



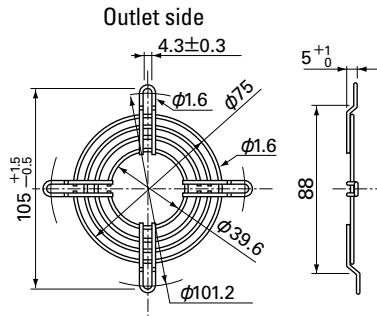
Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)



Options (unit: mm)

Finger Guards

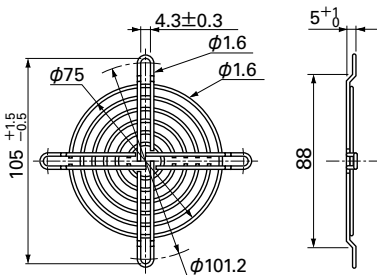
Model : 109-049C Surface treatment : Nickel-chrome plating (silver) Color



Mass : 17g

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

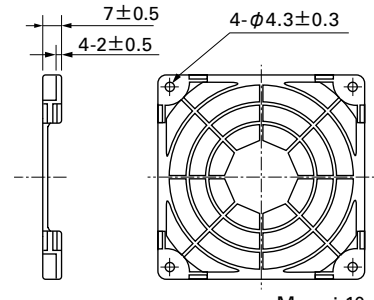
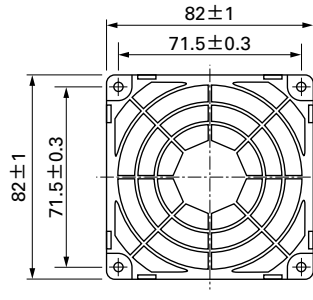
Inlet side, Outlet side



Mass : 21g

Resin Finger Guards

Model : 109-1002G

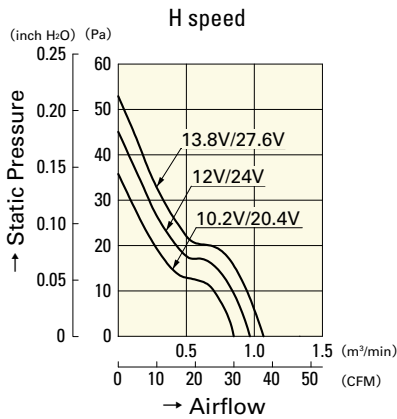


Mass : 10g

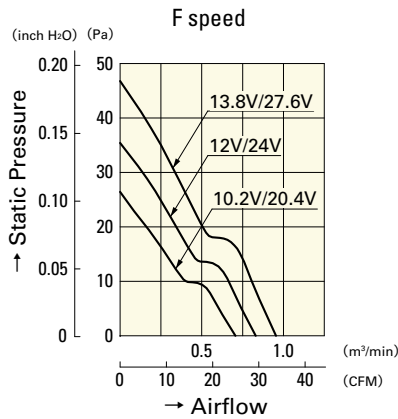
DC

Splash Proof Fan 80mm

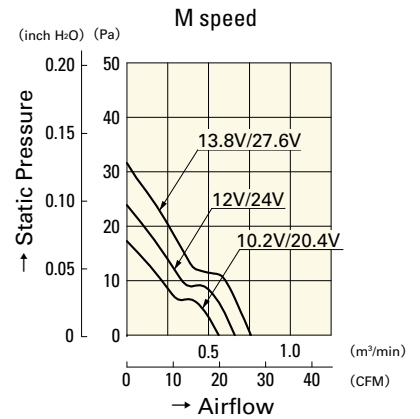
Airflow - Static Pressure Characteristics



9WS0812H401
9WS0824H401



9WS0812F401
9WS0824F401



9WS0812M401
9WS0824M401

Mouser Electronics

Authorized Distributor

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Sanyo Denki:

[9WS0824H401](#) [9WS0812H401](#) [9WS0812M401](#) [9WS0824M401](#) [9WS0812F401](#) [9WS0824F401](#) [9WS0812H4011](#)