

92mm sq.

San Ace 92WS



General Specifications

- Material Frame: Plastics (Flammability: UL94V-0),
Impeller: Plastics (Flammability: UL94V-1)
- Expected Life Refer 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)

92×92×25mm [Mass : 150g] **IP 54** **9WS type**

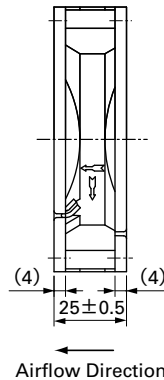
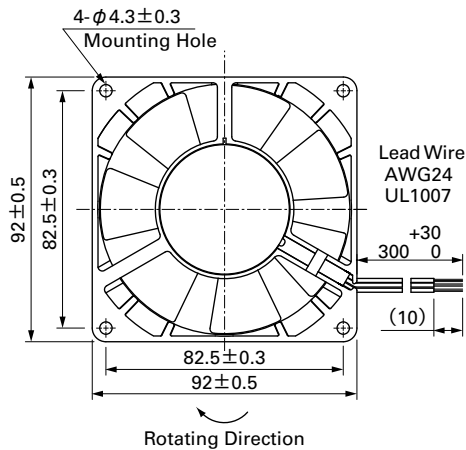
Specifications

The following nos. have pulse sensors and ribs.

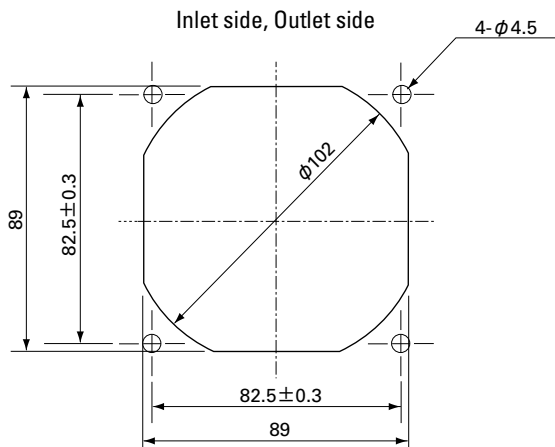
Model No.	Rated Voltage [V]	Operating Voltage Range [V]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Max. Airflow [m ³ /min] [CFM]	Max. Static Pressure [Pa] [inchH ₂ O]	SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]
9WS0912H401	12	10.2 to 13.8	0.17	2.04	2,850	1.38	48.7	45.1	0.181	33
9WS0912F401			0.13	1.56	2,450	1.18	41.7	32.3	0.130	30
9WS0912M401			0.1	1.2	2,100	1.01	35.7	23.5	0.094	27
9WS0912L401			0.06	0.72	1,700	0.8	28.2	16.7	0.067	23
9WS0924H401	24	20.4 to 27.6	0.1	2.4	2,850	1.38	48.7	45.1	0.181	33
9WS0924F401			0.07	1.68	2,450	1.18	41.7	32.3	0.130	30
9WS0924M401			0.06	1.44	2,100	1.01	35.7	23.5	0.094	27
9WS0924L401			0.05	1.2	1,700	0.8	28.2	16.7	0.067	23

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

Dimensions (unit: mm)



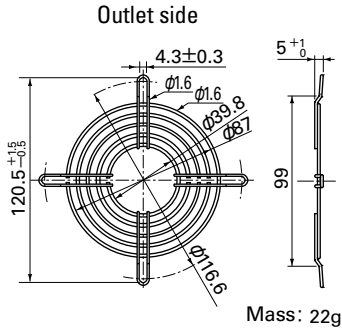
Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)



Options (unit: mm)

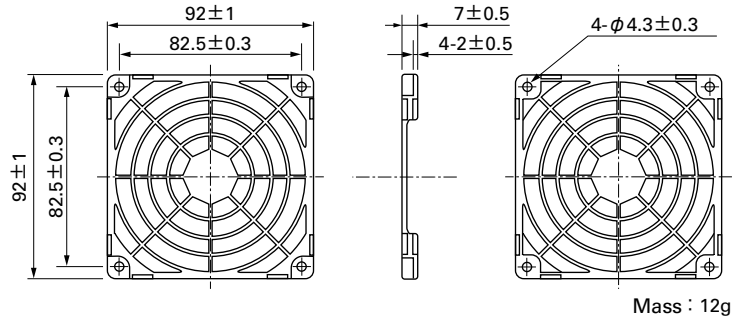
Finger Guards

Model : 109-099C Surface treatment : Nickel-chrome plating (silver) Color : 109-099H : Cation electropainting (black)

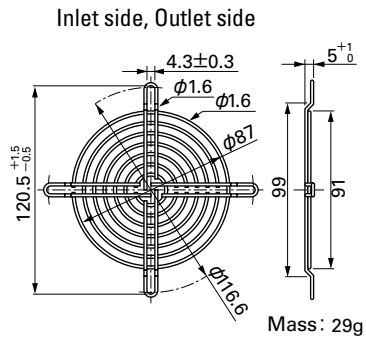


Resin Finger Guards

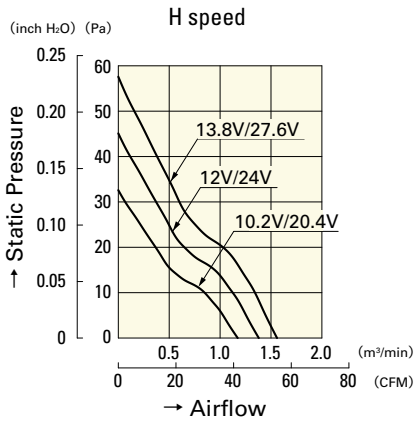
Model : 109-1001G



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

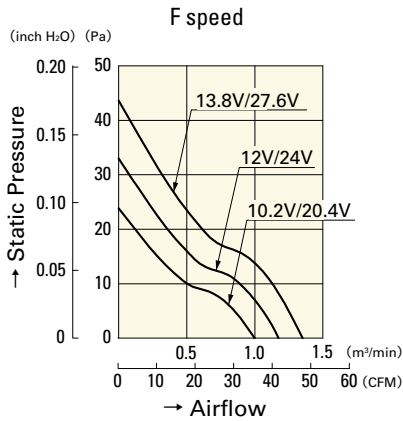


Airflow - Static Pressure Characteristics



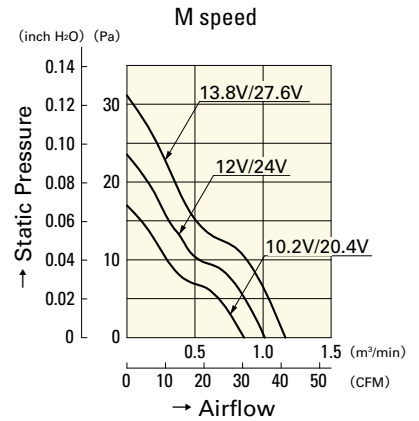
9WS0912H401

9WS0924H401



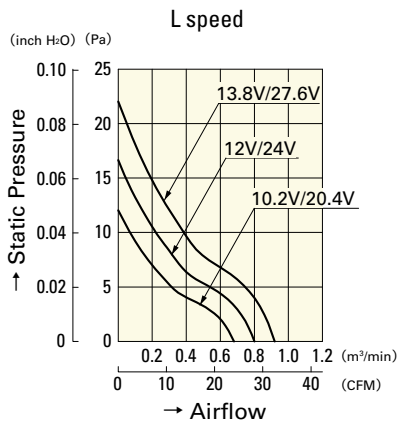
9WS0912F401

9WS0924F401



9WS0912M401

9WS0924M401



9WS0912L401

9WS0924L401

Mouser Electronics

Authorized Distributor

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Sanyo Denki:

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[9WS0912H401](#) [9WS0812M401](#) [9WS1248M102](#) [9WS0812H4021](#) [9WS1248H1021](#) [9WS0912M401](#) [9WS1212M101](#)
[9WS0912F401](#) [9WS1224M1011](#) [9WS0924H401](#) [9WS1248M1011](#) [9WS1224M101](#) [9WS1248M101](#) [9WS0924M401](#)
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[9WS0812F401](#) [9WS0824F401](#) [9WS1248H102](#) [9WS1224M102](#) [9WS1212M1021](#) [9WS1224M1021](#) [9WS1224H1021](#)
[9WS1212H1021](#) [9WS1248H1D01](#) [9WS1248M1021](#) [9WS1212H102](#) [9WS1224H102](#) [9WS1212M102](#) [9WS0912H402](#)
[9WS0924H4D01](#) [9WS0924H402](#) [9WS0924F402](#) [9WS0912F402](#) [9WS0912L402](#) [9WS0912M402](#) [9WS0924L402](#)
[9WS0912F4D01](#) [9WS0924M402](#) [9WS0812H402](#) [9WS0812M402](#) [9WS0812M4021](#) [9WS0824M4D01](#) [9WS0824M402](#)
[9WS0824F402](#) [9WS0824F4021](#) [9WS0812F402](#) [9WS0824H402](#) [9WS0824H4D01](#) [9WS0824M4021](#)
[9WS0812F4021](#) [9WS0812F4D01](#)