

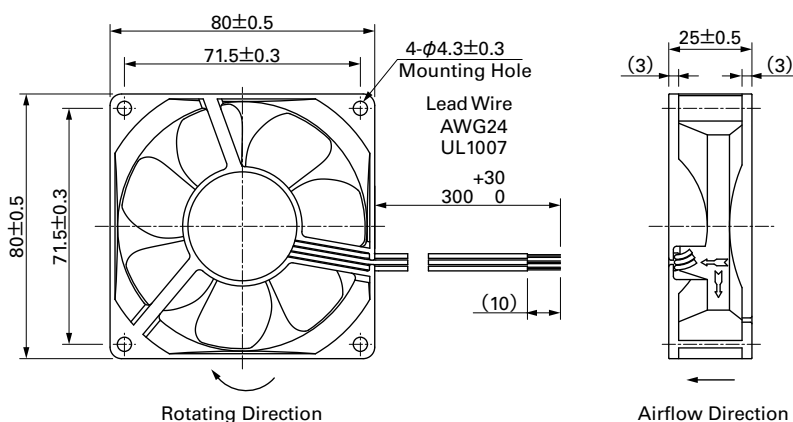
80mm sq.**San Ace 80**

Model no. 109R0812E401 is not certified.

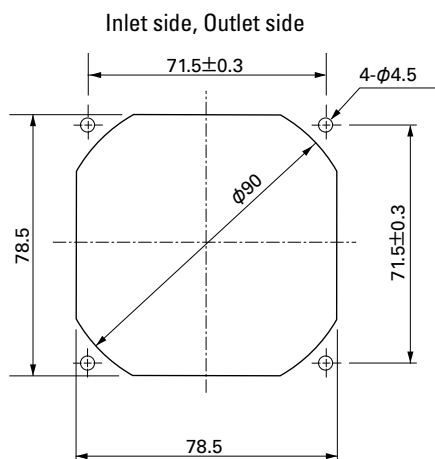
80×80×25mm [Mass : 110g] **9R type****Specifications** The following nos. **have pulse sensors and ribs**. For ribless, append "1" to the model no.

Model No.	Rated Voltage [V]	Operating Voltage Range [V]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Max. Airflow [m³/min] [CFM]		Max. Static Pressure [Pa] [inchH ₂ O]		SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]	
109R0805F401	5	4.5 to 5.5	0.25	1.25	2,600	0.92	32.5	28.4	0.114	26	-20 to +70	60,000/60°C	
109R0805M401			0.17	0.85	2,350	0.83	29.3	22.5	0.090	23			
109R0812G401	12	10.8 to 13.2	0.37	4.44	4,500	1.50	53.0	80.4	0.323	40	-20 to +60	40,000/60°C	
109R0812E401		6 to 13.8	0.24	2.88	3,700	1.31	46.3	57.8	0.232	35			
109R0812S401			0.18	2.16	3,400	1.20	42.4	48.0	0.193	34	-20 to +70	60,000/60°C	
109R0812H401			0.13	1.56	2,900	1.03	36.4	35.3	0.142	29			
109R0812F401			0.11	1.32	2,600	0.92	32.5	28.4	0.114	26			
109R0812M401			0.09	1.08	2,350	0.83	29.3	22.5	0.090	23			
109R0812L401			7 to 13.8	0.06	0.72	1,850	0.65	23.0	14.7	0.059			20
109R0824G401			24	20.4 to 26.4	0.20	4.80	4,500	1.50	53.0	80.4	0.323	40	-20 to +60
109R0824S401		12 to 27.6		0.10	2.40	3,400	1.20	42.4	48.0	0.193	34		
109R0824H401	0.07			1.68	2,900	1.03	36.4	35.3	0.142	29	-20 to +70	60,000/60°C	
109R0824F401	0.06			1.44	2,600	0.92	32.5	28.4	0.114	26			
109R0824M401	0.05			1.20	2,350	0.83	29.3	22.5	0.090	23			
109R0824L401	14 to 27.6	0.04		0.96	1,850	0.65	23.0	14.7	0.059	20			
109R0848K401	48	40.8 to 55.2	0.10	4.80	4,600	1.56	55.1	88.4	0.355	41	-20 to +60	40,000/60°C	
109R0848S401			0.06	2.88	3,400	1.20	42.4	48.0	0.193	34	-20 to +70	60,000/60°C	

Other sensor specifications are available as options. Please refer to the index (p. 499).

Dimensions (unit: mm) (With ribs)

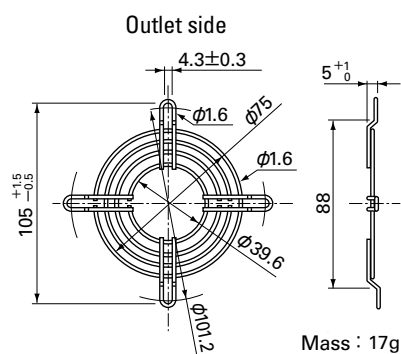
Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)



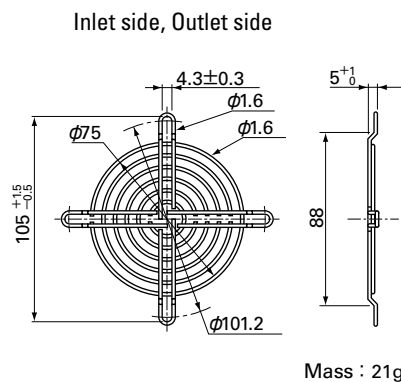
Options (unit: mm)

Finger Guards

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

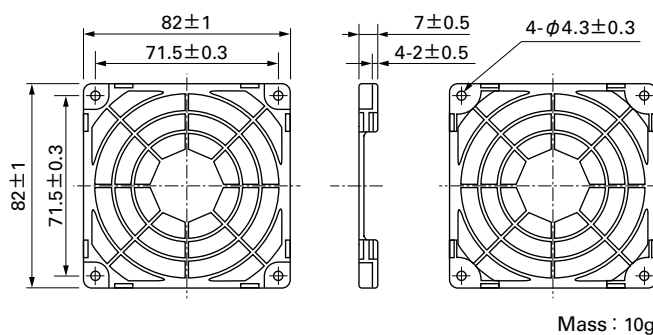


Model : 109-049E Surface treatment : Nickel-chrome plating (silver) Color (silver)
: 109-049H : Cation electropainting (black)



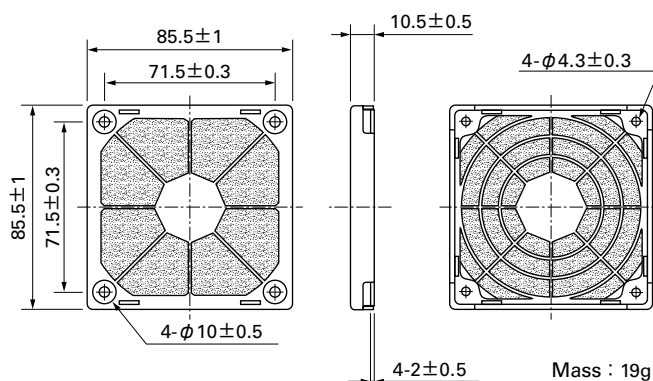
Resin Finger Guards

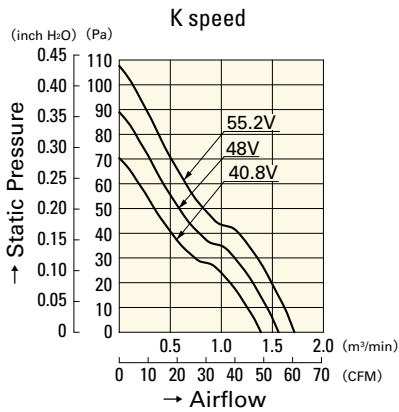
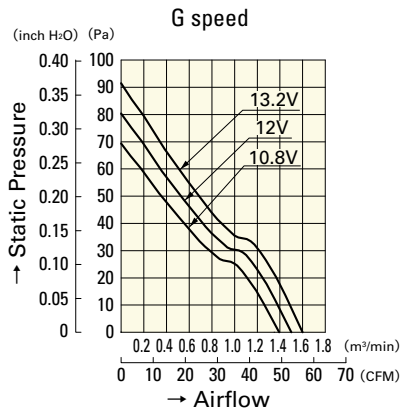
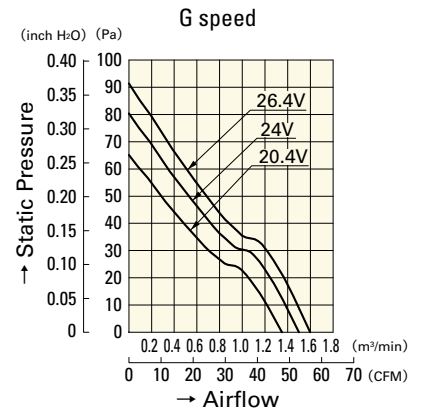
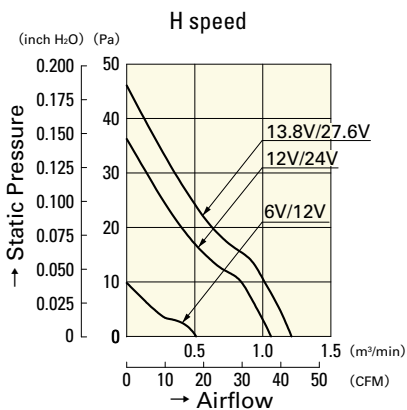
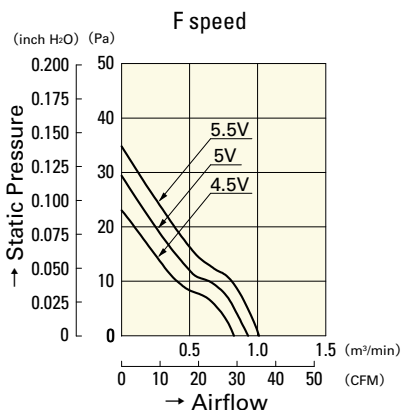
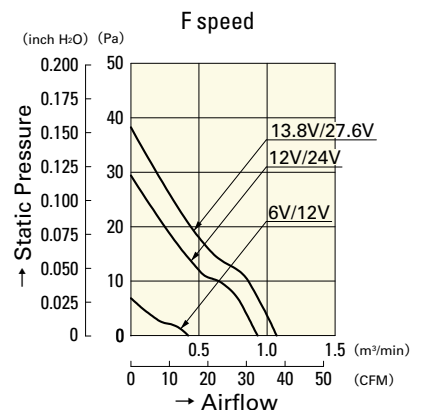
Model : 109-1002G

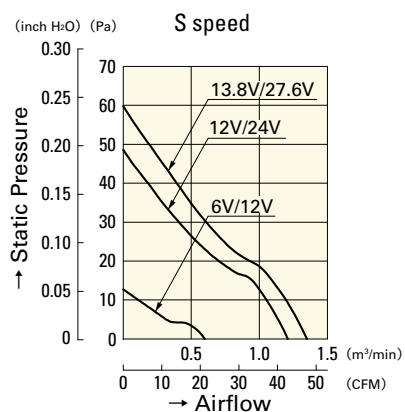
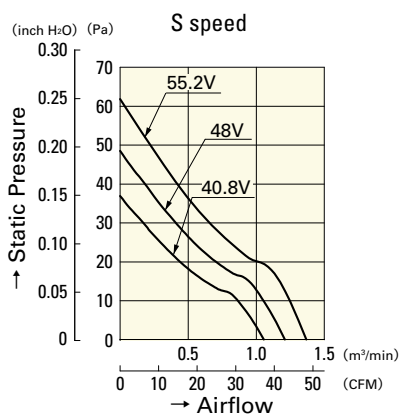
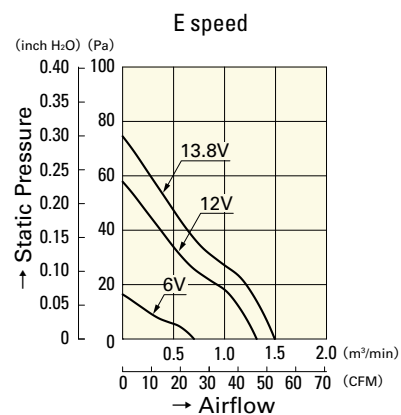
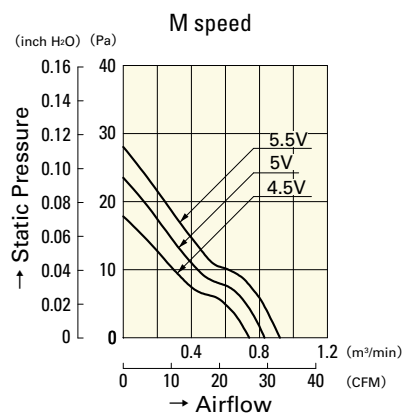
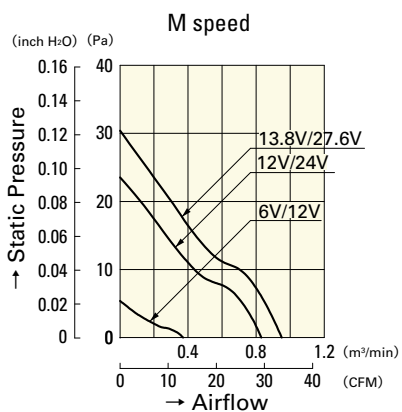
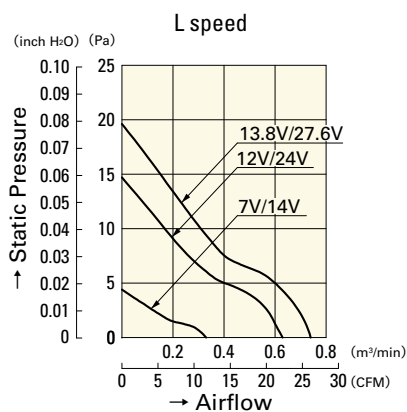


Resin Filter Kits

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



80mm sq.**San Ace 80****80×80×25mm** [Mass : 110g]**Airflow - Static Pressure Characteristics****109R0848K401****109R0812G401****109R0824G401****109R0812H401****109R0824H401****109R0805F401****109R0812F401****109R0824F401**

**109R0812S401****109R0824S401****109R0848S401****109R0812E401****109R0805M401****109R0812M401****109R0824M401****109R0812L401****109R0824L401**

Mouser Electronics

Authorized Distributor

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[109R0812E402](#) [109R0824F4D011](#) [109R0824H4D01](#) [109R0812F4D011](#) [109R0812G4D01](#) [109R0824H4D011](#)
[109R0848K4D01](#) [109R0824L402](#) [109R0812L402](#) [109R0824F402](#) [109R0848S4021](#) [109R0824L4D011](#)
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[109R0812G4D011](#) [109R0812S4D01](#) [109R0812L4D011](#) [109R0812M4D01](#)