

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 [m ³ /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	40,000/60°C
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

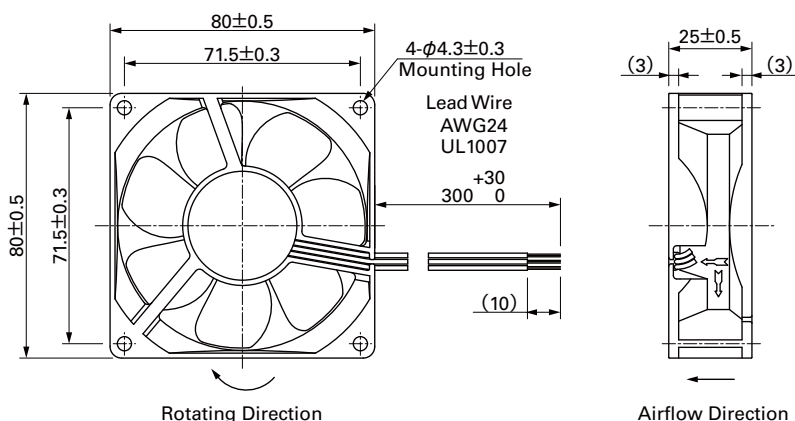
Models without sensors or with lock sensors are available as options. Please refer to the index (p. 469).

Set Models

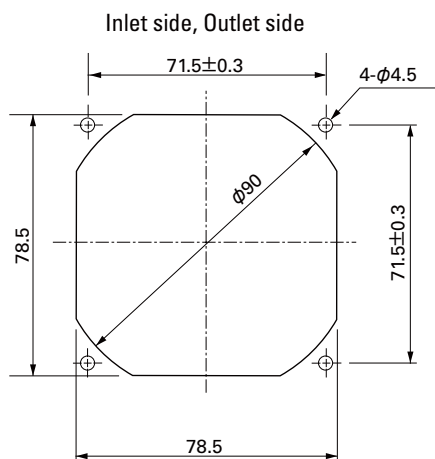
The set models listed below can be ordered as a single order.

Set configuration items: Fan (without sensor), finger guard, screws (with flat washer and spring washer), hex nuts, operation manual

Model Number to Order	Fan Model	Sensor Specifications	Finger Guard Model	Mounting Screws
9U-109R0812H402	109R0812H402 (performs the same as the 109R0812H401)	Without sensor	109-049E	M4 screws (40 mm) x 4, Nuts x 4
9U-109R0824H402	109R0824H402 (performs the same as the 109R0824H401)			

Dimensions (unit: mm) (With ribs)

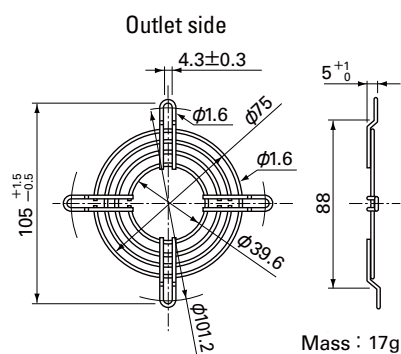
Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)



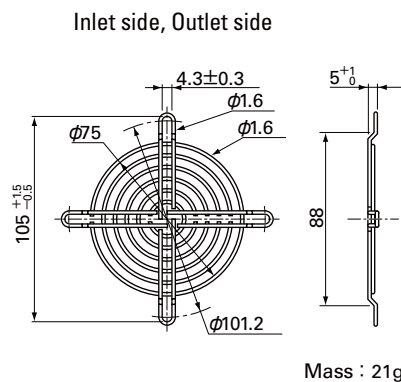
Options (unit: mm)

Finger Guards

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

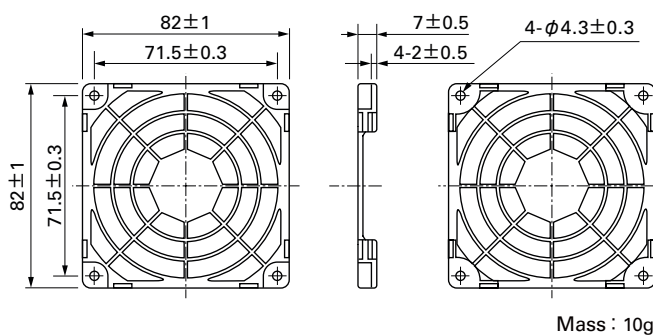


Model : 109-049E Surface treatment : Nickel-chrome plating (silver) Color (silver)
Model : 109-049H Surface treatment : Cation electropainting (black) Color (black)



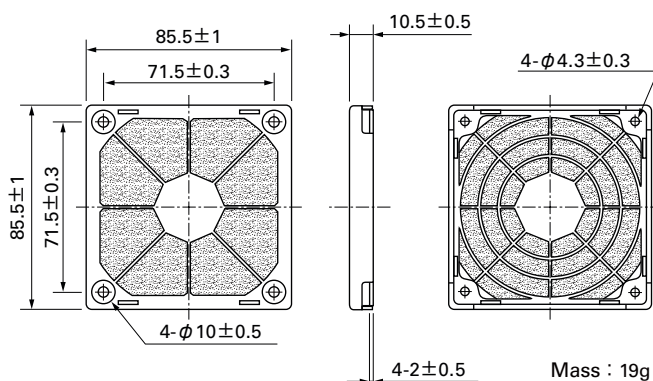
Resin Finger Guards

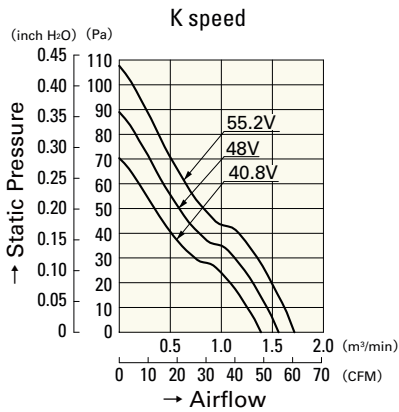
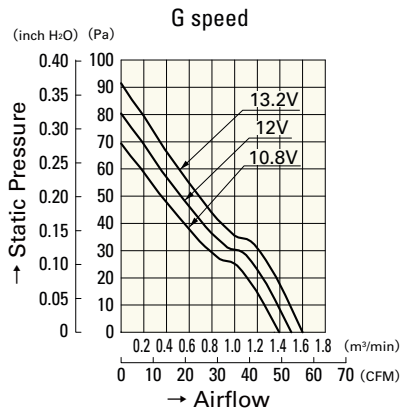
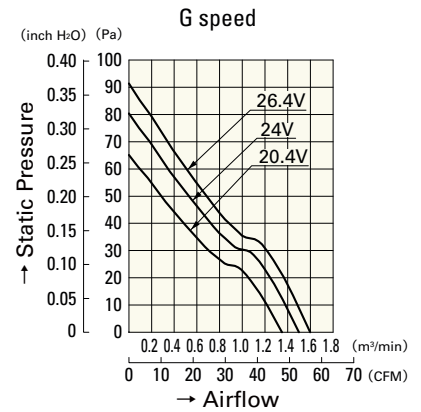
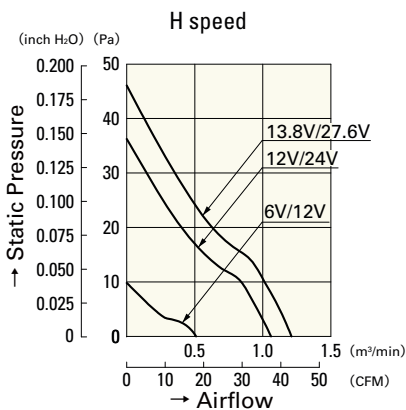
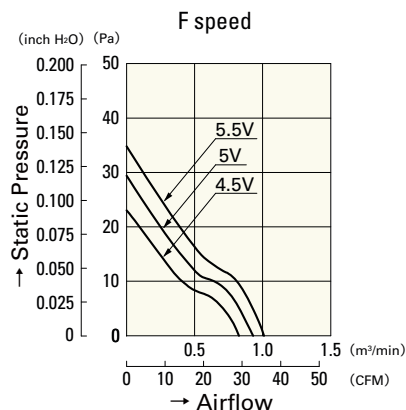
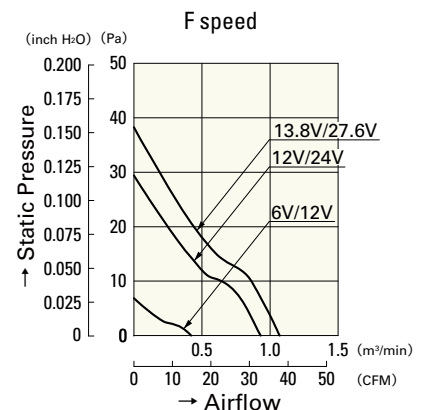
Model : 109-1002G

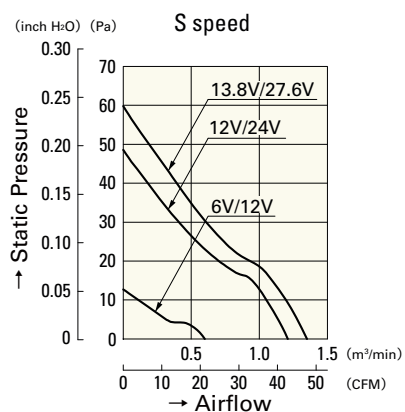
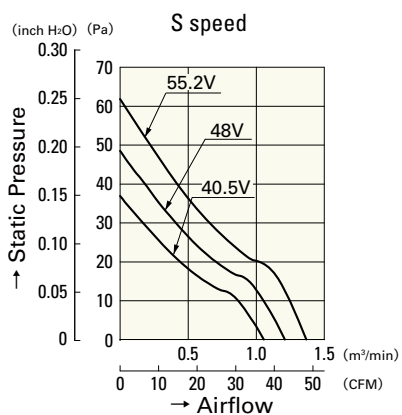
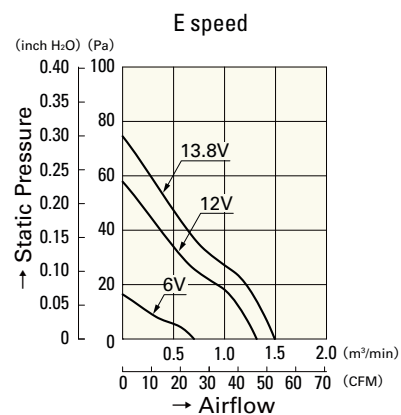
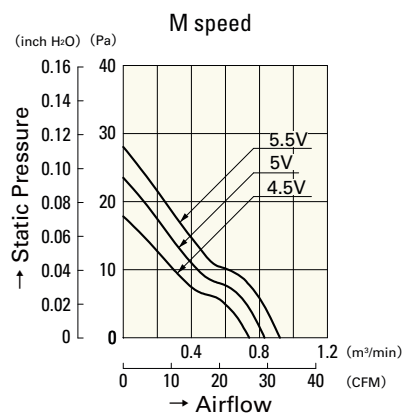
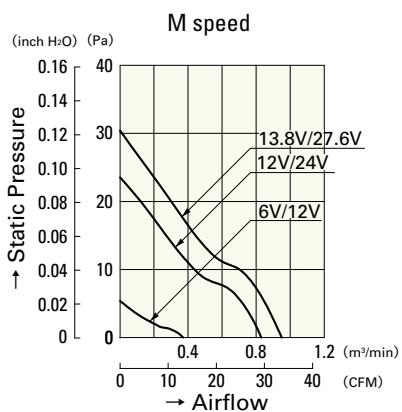
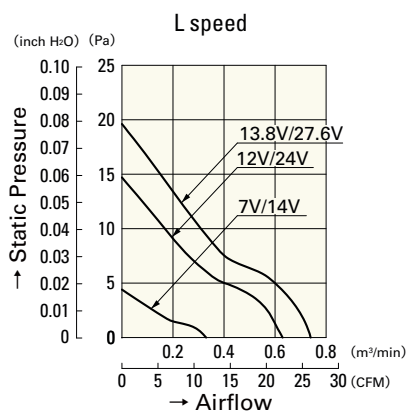


Resin Filter Kits

Model : 109-1002F13 (13PPI), 109-1002F20 (20PPI)
Model : 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**

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