

80mm sq.**San Ace 80**

Model no. 109P0812C601 is not certified.

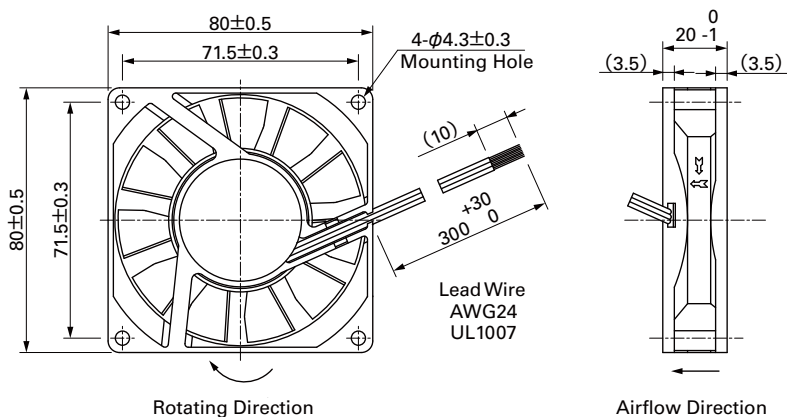
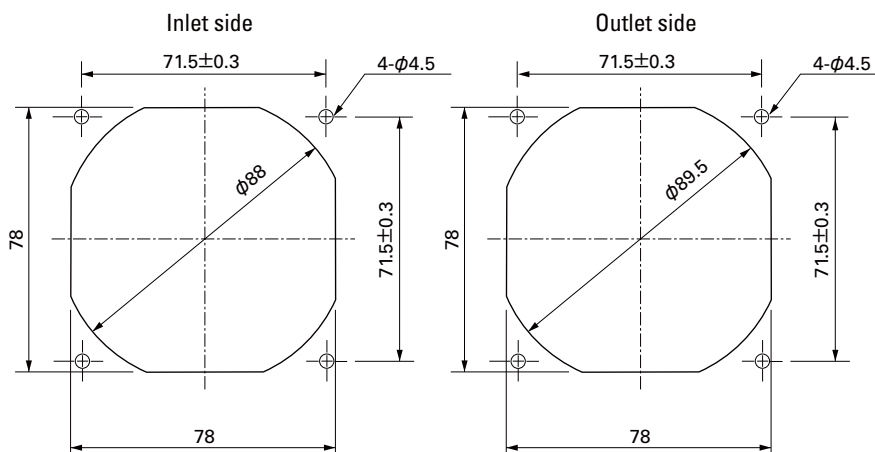
General Specifications

- Material.....Frame: Plastics (Flammability: UL94V-0),
Impeller: Plastics (Flammability: UL94V-1)
- Expected LifeRefer to specifications (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)

80×80×20mm (Mass : 100g) **9P 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]			
109P0812C601	12	10.2 to 13.8	0.29	3.48	3,700	1.07	37.8	46	0.185	39	-20 to +60	60,000/60°C	
109P0812H601			0.21	2.52	2,900	0.84	29.7	29.4	0.118	31			-20 to +70
109P0812M601			0.13	1.56	2,300	0.67	23.7	18.6	0.075	25			
109P0824H601	24	20.4 to 27.6	0.12	2.88	2,900	0.84	29.7	29.4	0.118	31	-20 to +70		
109P0824M601			0.07	1.68	2,300	0.67	23.7	18.6	0.075	25			
109P0848C601	48	38 to 57.6	0.08	3.84	3,700	1.07	37.8	46	0.185	39	-20 to +70		40,000/60°C
109P0848H601			0.05	2.4	2,900	0.84	29.7	29.4	0.118	31	-20 to +60		

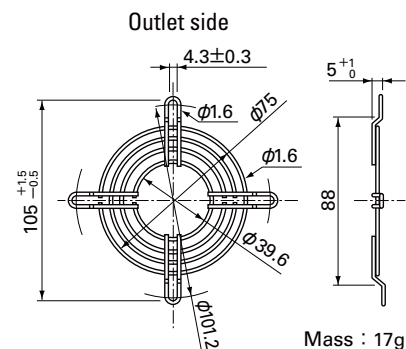
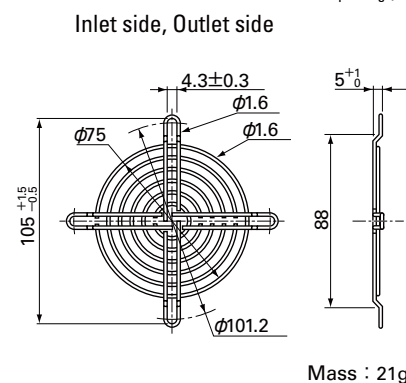
Models without sensors or with lock sensors are available as options. Please refer to the index (pp. 467 to 468).

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

Options (unit: mm)

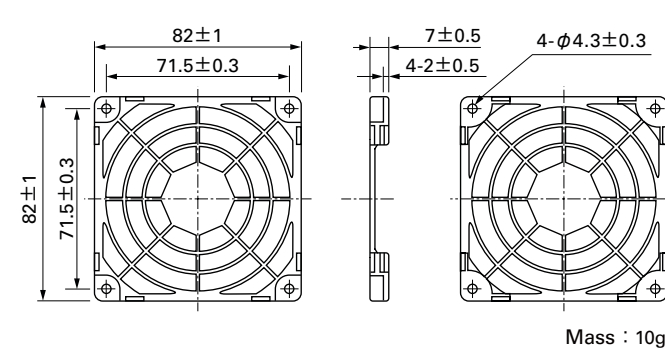
Finger Guards

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

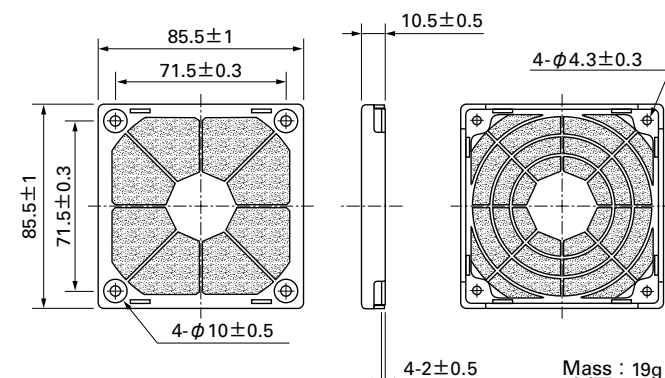
Model : 109-049E Surface treatment : Nickel-chrome plating (silver) Color (silver)
Model : 109-049H Surface treatment : Cation electropainting (black) Color (black)

Resin Finger Guards

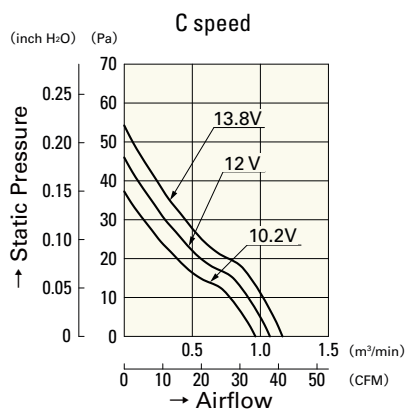
Model : 109-1002G



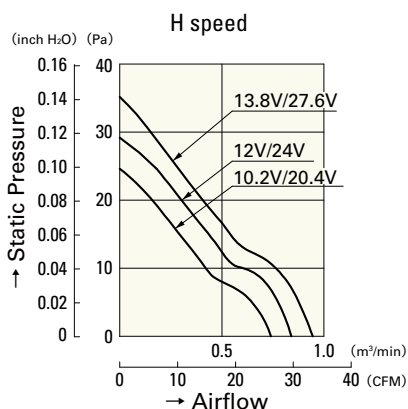
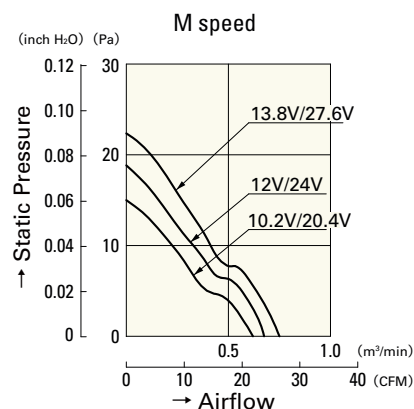
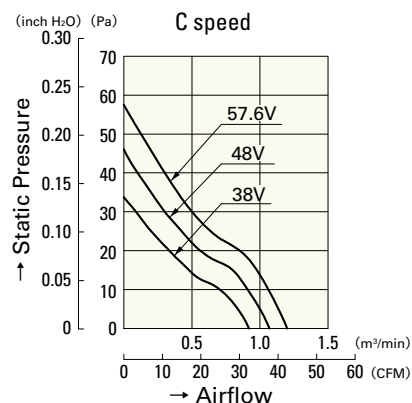
Resin Filter Kits

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

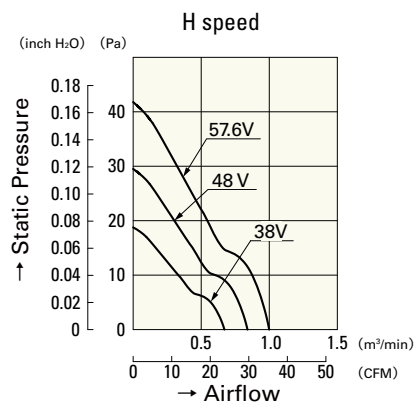
Airflow - Static Pressure Characteristics



109P0812C601

109P0812H601
109P0824H601109P0812M601
109P0824M601

109P0848C601



109P0848H601