

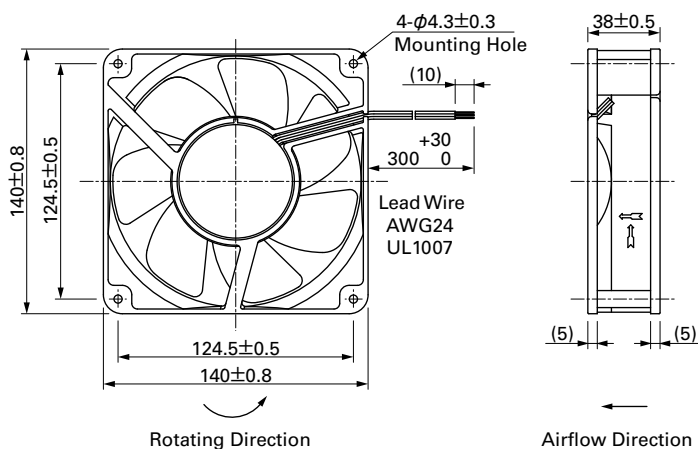
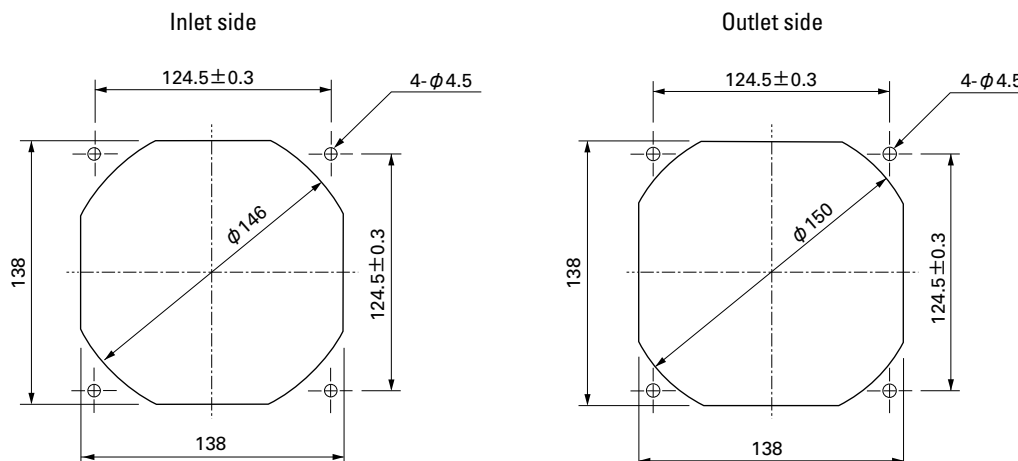
140mm sq.**San Ace 140****General Specifications**

- 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)

140×140×38mm (Mass : 450g) **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]
109P1412H101	12	10.2 to 13.8	0.73	8.76	2,600	4.5 159	94 0.378	46	-20 to +70	40,000/60°C
109P1412M101			0.33	3.96	1,900	3.3 117	52 0.209	38		
109P1424H101	24	20.4 to 27.6	0.37	8.88	2,600	4.5 159	94 0.378	46		
109P1424M101			0.16	3.84	1,900	3.3 117	52 0.209	38		
109P1448H101	48	40.8 to 55.2	0.2	9.6	2,600	4.5 159	94 0.378	46		
109P1448M101			0.09	4.32	1,900	3.3 117	52 0.209	38		

Other sensor specifications are available as options. Please refer to the index (p. 498).

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

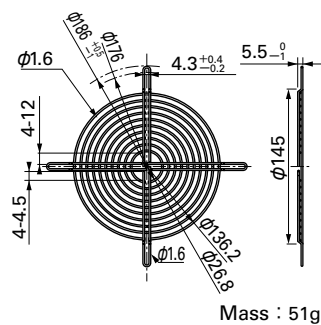
Options (unit: mm)

Finger Guards

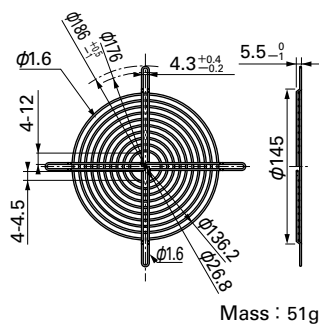
Model : 109-719 Surface treatment : Nickel-chrome plating (silver) Color

Model : 109-719H Surface treatment : Cation electropainting (black) Color

Inlet side, Outlet side

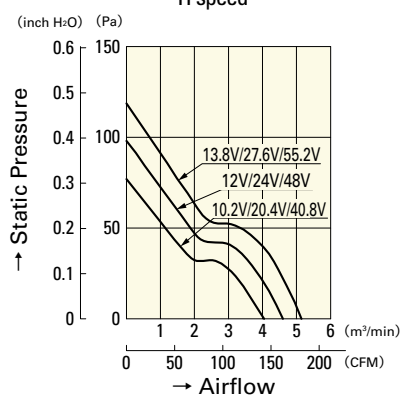


Inlet side, Outlet side



Airflow - Static Pressure Characteristics

H speed

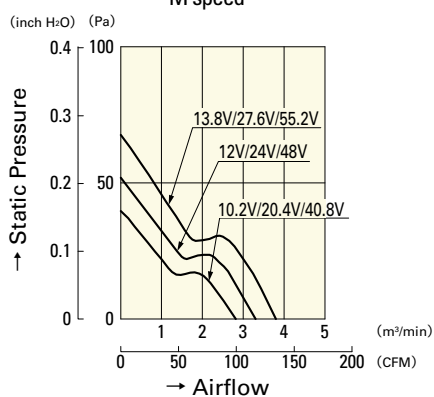


109P1412H101

109P1424H101

109P1448H101

M speed



109P1412M101

109P1424M101

109P1448M101

Mouser Electronics

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Sanyo Denki:

[109P1412H101](#) [109P1412M101](#) [109P1424M101](#) [109P1424H101](#) [109P1448H101](#) [109P1448M101](#)