

$\phi 172$ mm

San Ace 172



General Specifications

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

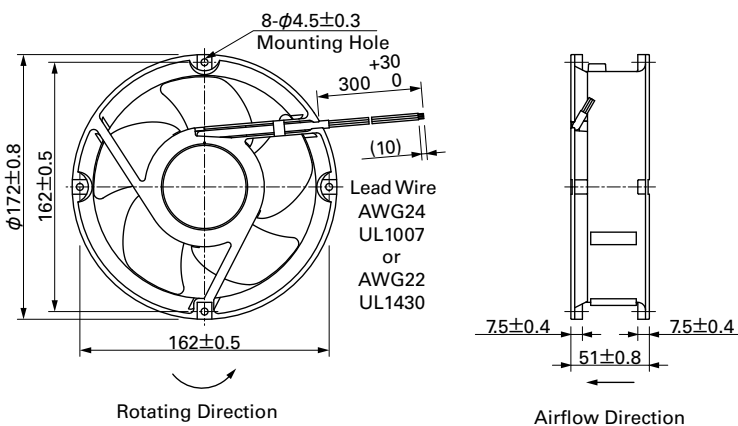
$\phi 172$ mm×51mm (Mass : 780g) **9E type** **Round type**

Specifications The following nos. have pulse sensors.

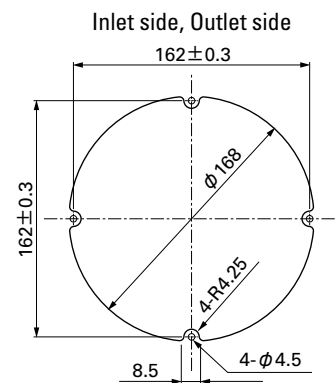
Model No.	Rated Voltage [V]	Operating Voltage Range [V]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Max. Airflow [m³/min] [CFM]		Max. Static Pressure [Pa] [inchH ₂ O]		SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]
109E1712K501	12	10.2 to 13.8	2.9	34.8	4,100	8.5	300	243.0	0.976	55	−20 to +60	40,000/60°C
109E1712Y501			2.3	27.6	3,800	7.8	276	210.0	0.843	53		
109E1712H501			1.2	14.4	3,050	6.4	226	137.2	0.551	47		
109E1712F501			0.9	10.8	2,500	5.1	180	95.0	0.382	42		
109E1712M501			0.48	5.76	2,000	4.2	148	67.6	0.271	36		
109E1724C501	24	20.4 to 27.6	2.3	55.2	4,800	9.9	350	308.0	1.237	60	−20 to +70	
109E1724K501			1.3	31.2	4,100	8.5	300	243.0	0.976	55		
109E1724H501			0.58	13.92	3,050	6.4	226	137.2	0.551	47		
109E1724F501			0.35	8.4	2,500	5.1	180	95	0.382	42		
109E1724M501			0.2	4.8	2,000	4.2	148	67.6	0.271	36		
109E1748C501	48	40.8 to 55.2	1.2	57.6	4,800	9.9	350	308.0	1.237	60	−20 to +60	
109E1748K501			0.7	33.6	4,100	8.5	300	243.0	0.976	55		
109E1748H501			0.28	13.44	3,050	6.4	226	137.2	0.551	47		
109E1748F501			0.19	9.12	2,500	5.1	180	95	0.382	42		
109E1748M501			0.11	5.28	2,000	4.2	148	67.6	0.271	36		

Other sensor specifications are available as options. Please refer to the index (p. 495).

Dimensions (unit: mm)



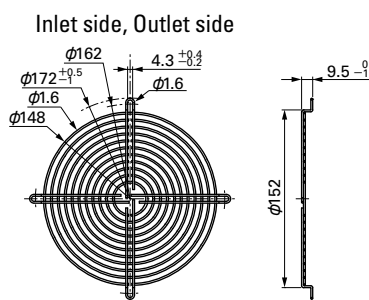
Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)



Options (unit: mm)

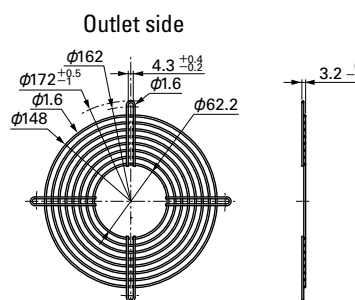
Finger Guards

Model : 109-1066 Surface treatment : Nickel-chrome plating (silver) Color



Mass : 61g

Model : 109-1068 Surface treatment : Nickel-chrome plating (silver) Color



Mass : 54g

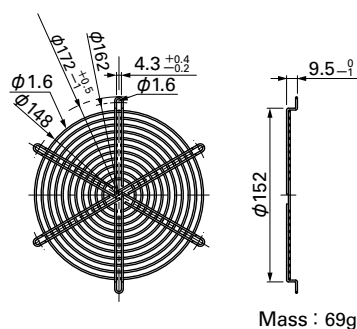
Options (unit: mm)

Finger Guards

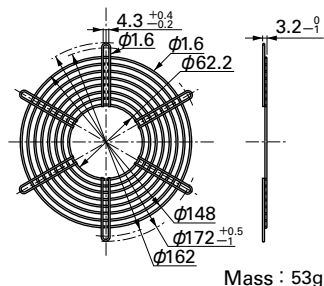
Model : 109-319E Surface treatment : Nickel-chrome plating (silver)
 : 109-319H : Cation electropainting (black)

Model : 109-320 Surface treatment : Nickel-chrome plating (silver)
 Color : Cation electropainting (black)

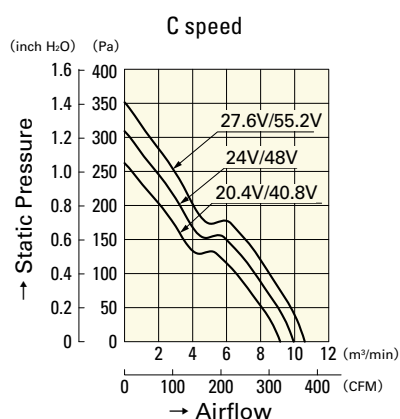
Inlet side, Outlet side



Outlet side

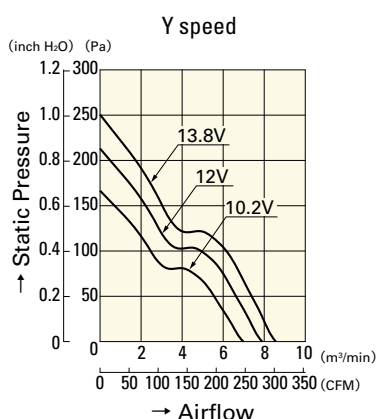


Airflow - Static Pressure Characteristics

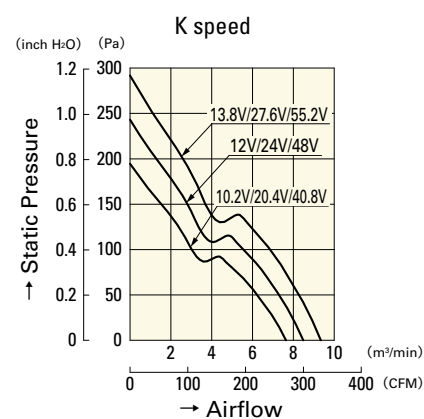


109E1724C501

109E1748C501



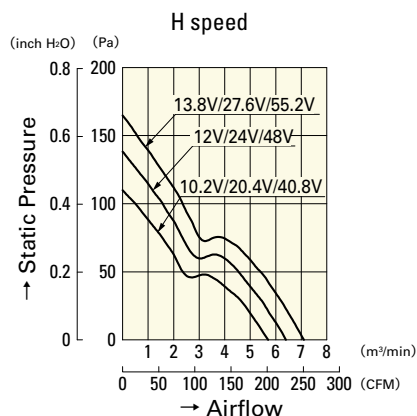
109E1712Y501



109E1712K501

109E1724K501

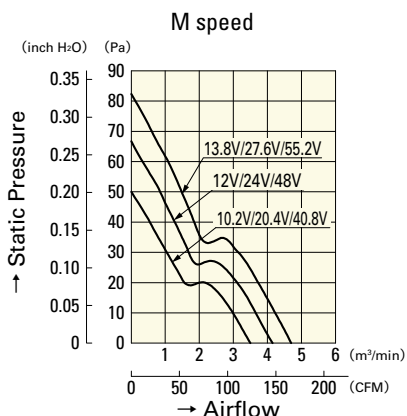
109E1748K501



109E1712H501

109E1724H501

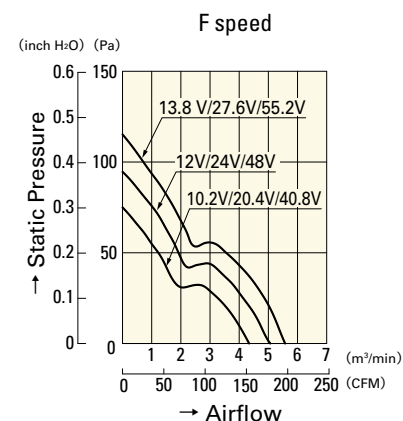
109E1748H501



109E1712M501

109E1724M501

109E1748M501



109E1712F501

109E1724F501

109E1748F501

Mouser Electronics

Authorized Distributor

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Sanyo Denki:

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[109E1724C5D01](#) [109E1724F502](#) [109E1724H502](#) [109E1724H5D01](#) [109E1724K502](#) [109E1724K5D01](#)
[109E1724M502](#) [109E1748C502](#) [109E1748F502](#) [109E1748H502](#) [109E1748H5D01](#) [109E1748K502](#) [109E1748M502](#)