

52mm sq.**San Ace 52**

15mm thick (9GA type), 15mm thick (9P type)

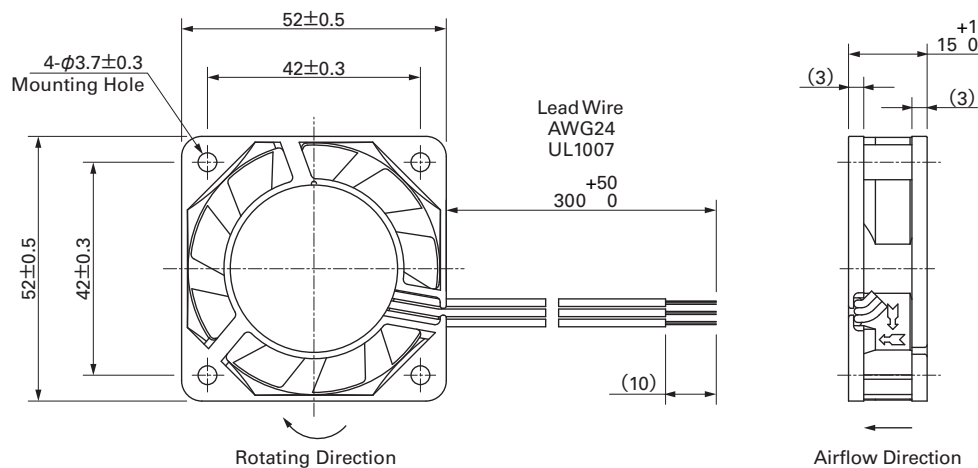
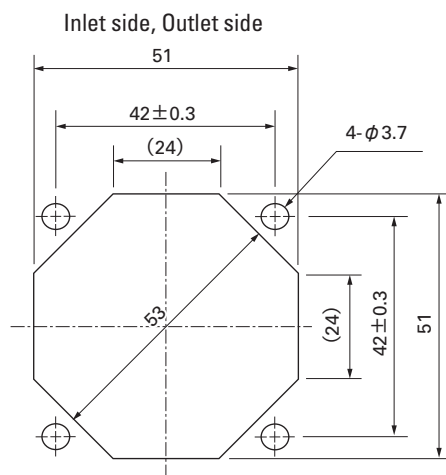
**General Specifications**

- Material Frame: Plastics (Flammability: UL94V-0),
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)

52×52×15mm (Mass : 55g) **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]
109P0505M701	5	4.5 to 5.5	0.15	0.75	3,700	0.205 7.24	21.4 0.086	22	-20 to +70	60,000
109P0512A701	12	10.2 to 13.8	0.21	2.52	6,800	0.375 13.25	69.7 0.280	36		40,000
109P0512H701		7 to 13.8	0.10	1.20	4,600	0.255 9.00	31.9 0.128	27		60,000
109P0512M701			0.07	0.84	3,700	0.205 7.24	21.4 0.086	22		60,000
109P0524A701	24	14 to 27.6	0.11	2.64	6,800	0.375 13.24	69.7 0.280	36	-20 to +60	40,000
109P0524H701			0.05	1.20	4,600	0.255 9.00	31.9 0.128	27	-20 to +70	60,000
109P0524M701			0.04	0.96	3,700	0.205 7.24	21.4 0.086	22		

Some models can also be equipped without sensors as an option. Please refer to the index (pp. 417 to 437).

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

Options (unit : mm)

Finger Guards

Model : 109-149

Surface treatment : Nickel-chrome plating

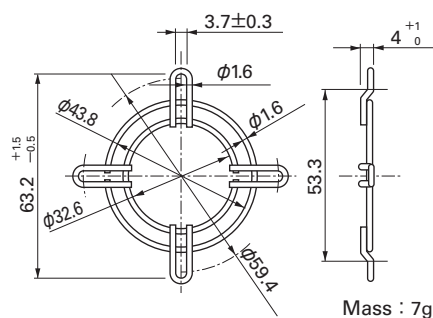
Color (silver)

Model : 109-149E

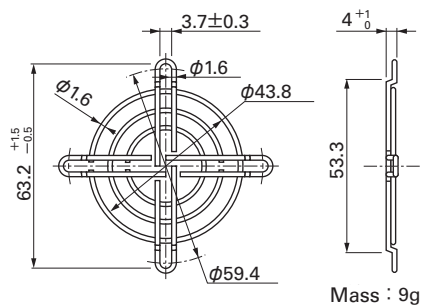
Surface treatment : Nickel-chrome plating

Color (silver)

Outlet side

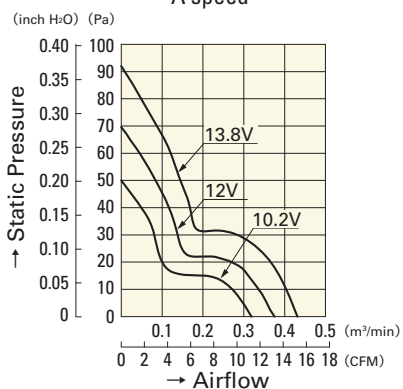


Inlet side, Outlet side



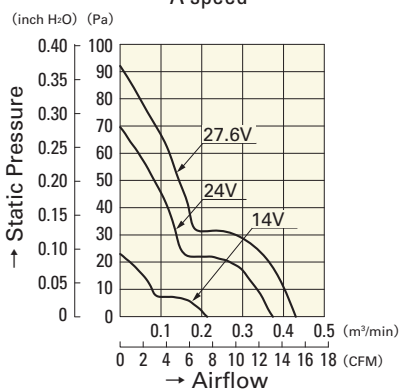
Airflow - Static Pressure Characteristics

A speed



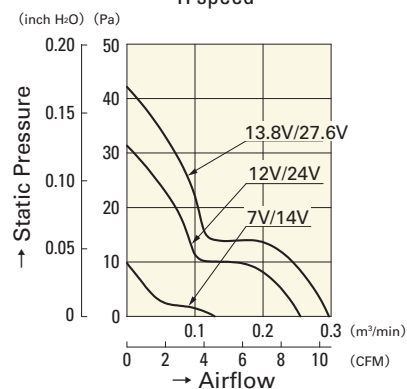
109P0512A701

A speed



109P0524A701

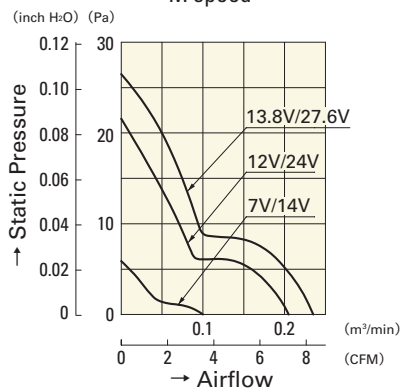
H speed



109P0512H701

109P0524H701

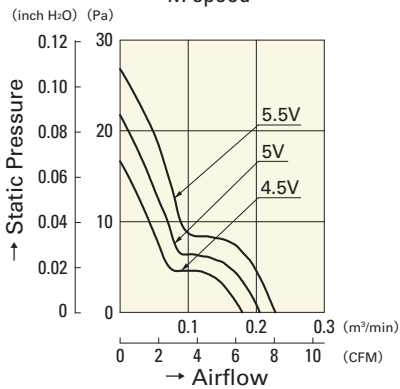
M speed



109P0512M701

109P0524M701

M speed



109P0505M701