

# $\phi 172$ mm

## San Ace 172

25mm thick(Sidecut type)  
 51mm thick(Sidecut type SG type)  
 51mm thick(Sidecut type GV type)  
 51mm thick(Sidecut type)  
 51mm thick(Round type)



### 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 × 147mm × 25mm (Mass : 500g) **SideCut type**

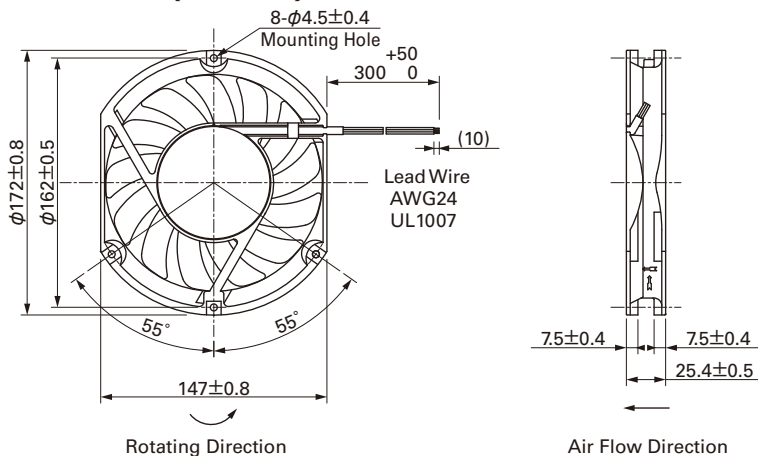
### Specifications The following nos. have pulse sensors.

| Model No.    | Rated Voltage [V] | Operating Voltage Range [V] | Rated Current [A] | Rated Input [W] | Rated Speed [min <sup>-1</sup> ] | Max. Air Flow [m <sup>3</sup> /min] [CFM] | Max. Static Pressure [Pa] [inchH <sub>2</sub> O] | SPL [dB(A)] | Operating Temperature [°C] | Expected Life [h] |
|--------------|-------------------|-----------------------------|-------------------|-----------------|----------------------------------|-------------------------------------------|--------------------------------------------------|-------------|----------------------------|-------------------|
| 109E4712M401 | 12                | 10.2 to 13.8                | 1.3               | 15.6            | 2,800                            | 5.2 183                                   | 92 0.369                                         | 51          | -20 to +60                 | 40,000            |
| 109E4712L401 |                   |                             | 1.0               | 12.0            | 2,500                            | 4.6 162                                   | 73 0.293                                         | 48          |                            |                   |
| 109E4724H401 | 24                | 20.4 to 27.6                | 1.0               | 24.0            | 3,400                            | 6.4 226                                   | 135 0.542                                        | 57          |                            |                   |
| 109E4724F401 |                   |                             | 0.79              | 19.0            | 3,100                            | 5.8 204                                   | 112 0.450                                        | 54          |                            |                   |
| 109E4724M401 |                   |                             | 0.58              | 13.9            | 2,800                            | 5.2 183                                   | 92 0.369                                         | 51          |                            |                   |
| 109E4724L401 |                   |                             | 0.44              | 10.6            | 2,500                            | 4.6 162                                   | 73 0.293                                         | 48          |                            |                   |
| 109E4748S401 | 48                | 40.8 to 55.2                | 0.62              | 29.8            | 3,650                            | 6.8 240                                   | 156 0.627                                        | 58          |                            |                   |
| 109E4748H401 |                   |                             | 0.52              | 25.0            | 3,400                            | 6.4 226                                   | 135 0.542                                        | 57          |                            |                   |
| 109E4748F401 |                   |                             | 0.40              | 19.2            | 3,100                            | 5.8 204                                   | 112 0.450                                        | 54          |                            |                   |
| 109E4748M401 |                   |                             | 0.32              | 15.4            | 2,800                            | 5.2 183                                   | 92 0.369                                         | 51          |                            |                   |
| 109E4748L401 |                   |                             | 0.25              | 12.0            | 2,500                            | 4.6 162                                   | 73 0.293                                         | 48          |                            |                   |

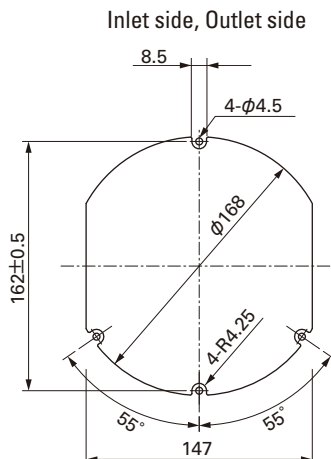
Available options: ⇒ **Without Sensor**

Please inquire as the availability of these functions depend on the model. ⇒ **Lock Sensor** **Low speed Sensor** **PWM Control**

### Dimensions (Unit : mm)



### Reference dimension of mounting holes and vent opening (Unit : mm)

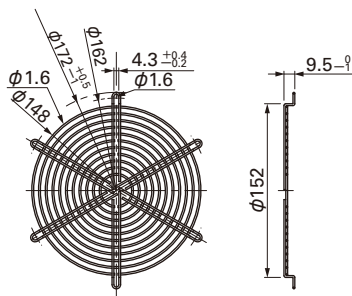


## Options (Unit : mm)

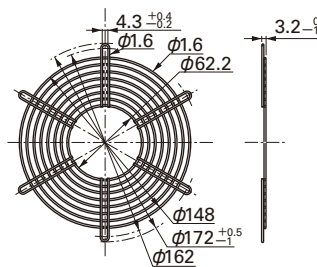
### Finger guards

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

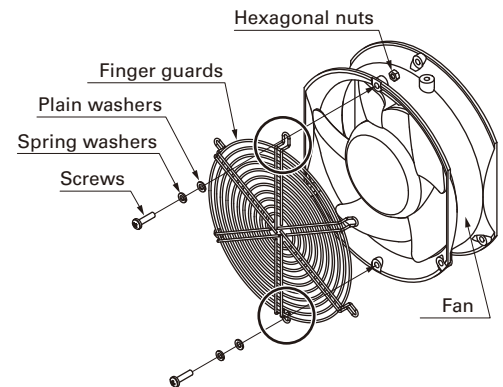
Inlet side, Outlet side



Outlet side

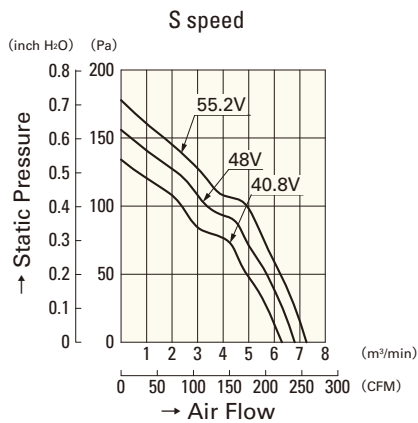


For the finger guard Model: 109-319E, 109-319H, 109-320, fix the finger guard to two holes as shown in the diagram. Do not fix it to any other holes.

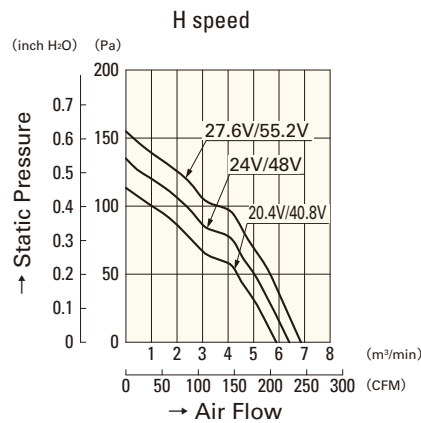


DC Fan 172mm

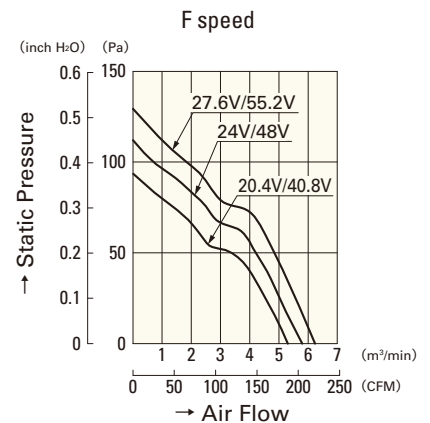
## Air Flow - Static Pressure Characteristics



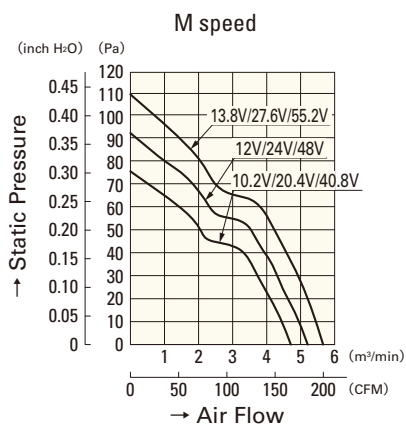
**109E4748S401**



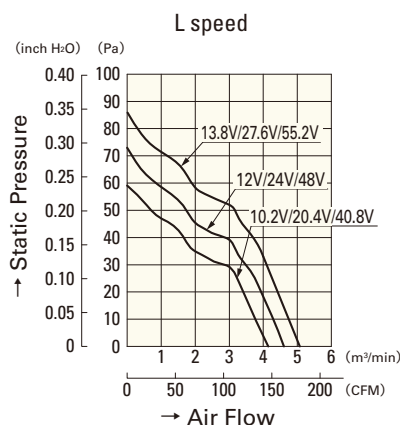
**109E4724H401**  
**109E4748H401**



**109E4724F401**  
**109E4748F401**



**109E4712M401**  
**109E4724M401**  
**109E4748M401**



**109E4712L401**  
**109E4724L401**  
**109E4748L401**

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