

Ø **172×150×51** mm

IP68

**San Ace 172W 9WE** type   

Sidecut type



## General Specifications

- Material ..... Frame: Aluminum (Black coating), Impeller: Plastic (Flammability: UL 94V-1)
- Expected life ..... See the table below. (L10 life: 90% survival rate for continuous operation in indoor free air at 60°C, rated voltage)
- Motor protection function ..... Locked rotor burnout protection, Reverse polarity protection  
For details, please refer to p. 547.
- Dielectric strength ..... 50/60 Hz, 500 VAC, for 1 minute (between lead wire conductors and frame)
- Insulation resistance ..... 10 MΩ or more with a 500 VDC megger (between lead wire conductors and frame)
- Sound pressure level (SPL) ..... At 1 m away from the air inlet
- Storage temperature ..... -30 to +70°C (Non-condensing)
- Lead wire ..... ⊕Red ⊖Black or Blue (Sensor) Yellow
- Mass ..... 860 g
- Ingress protection ..... IP68

## Specifications

The models listed below **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. airflow [m <sup>3</sup> /min] [CFM] | Max. static pressure [Pa] [inchH <sub>2</sub> O] | SPL [dB (A)] | Operating temperature [°C] | Expected life [h] |
|--------------------|-------------------|-----------------------------|-------------------|-----------------|----------------------------------|------------------------------------------|--------------------------------------------------|--------------|----------------------------|-------------------|
| <b>9WE5724K501</b> | 24                | 20.4 to 27.6                | 1.3               | 31.2            | 4100                             | 8.5 300                                  | 243 0.976                                        | 60           | -20 to +60                 | 40000/60°C        |
| <b>9WE5748K501</b> | 48                | 40.8 to 55.2                | 0.7               | 33.6            | 4100                             | 8.5 300                                  | 243 0.976                                        | 60           |                            | 40000/60°C        |

The following sensor and control options are available for selection.

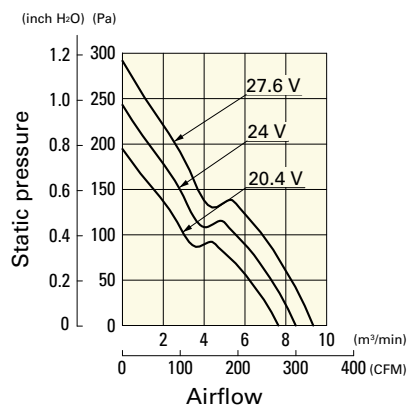
Available for all models. **Without sensor**

Differs according to the model. Refer to the table on p. 578. **Lock sensor** **PWM control**

## Airflow - Static Pressure Characteristics

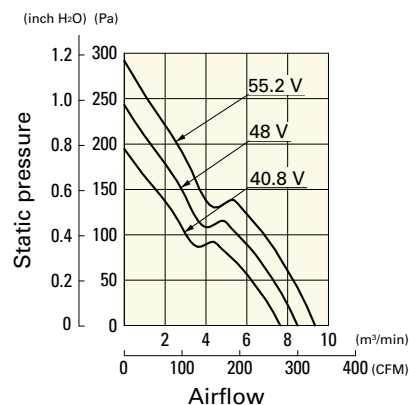
### 9WE5724K501 With pulse sensor

Operating voltage range

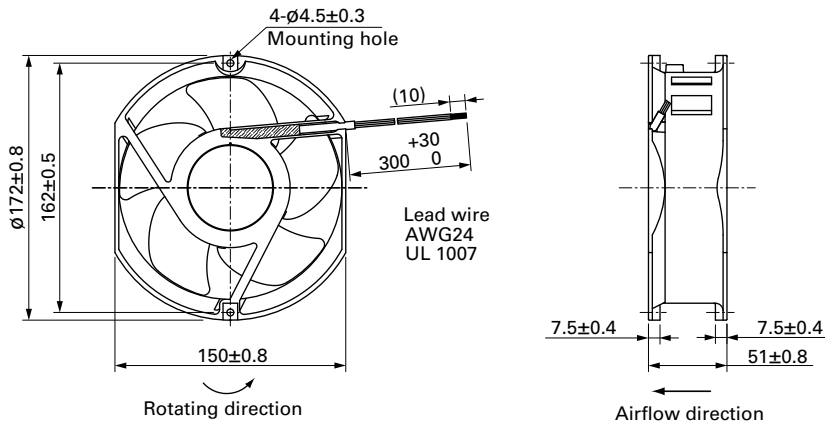


### 9WE5748K501 With pulse sensor

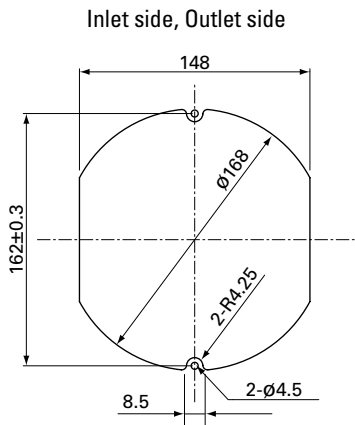
Operating voltage range



## Dimensions (unit: mm)



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



## Options

Finger guards

page: p. 534

Model no.: 109-319E, 109-319H, 109-320

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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