### General Specifications
- **Material**: Frame: Aluminum (Black coating), Impeller: Plastics (Flammability: UL94V-1)
- **Expected Life**: Refer to specifications (Indoor, L10: Survival rate: 90% at 60℃, rated voltage, and continuously run in a free air state)
- **Lead Wire**: red black Sensor yellow Control brown
- **Storage Temperature**: -30℃ to +70℃ (Non-condensing)

### Specifications
The following nos. have PWM controls and pulse sensors.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Rated Voltage (V)</th>
<th>Operating Voltage Range</th>
<th>PWM duty cycle [%]</th>
<th>Rated Current (A)</th>
<th>Rated Input (W)</th>
<th>Rated Speed (min⁻¹)</th>
<th>Max. Airflow (m³/min)</th>
<th>Max. Static Pressure (Pa)</th>
<th>SPL (dBA)</th>
<th>Operating Temperature (℃)</th>
<th>Expected Life (h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9WL0612P4S001</td>
<td>12</td>
<td>10.8 to 13.2</td>
<td>100</td>
<td>0.67</td>
<td>8.04</td>
<td>11,000</td>
<td>14.0</td>
<td>49.4</td>
<td>300</td>
<td>1.204</td>
<td>53</td>
</tr>
<tr>
<td>9WL0612P4J001</td>
<td>20</td>
<td></td>
<td>100</td>
<td>0.06</td>
<td>0.72</td>
<td>2,900</td>
<td>0.36</td>
<td>12.7</td>
<td>20.8</td>
<td>0.083</td>
<td>20</td>
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<tr>
<td>9WL0612P4H001</td>
<td>20</td>
<td></td>
<td>100</td>
<td>0.39</td>
<td>4.68</td>
<td>8,650</td>
<td>1.10</td>
<td>38.8</td>
<td>182</td>
<td>0.730</td>
<td>47</td>
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<tr>
<td>9WL0624P4S001</td>
<td>24</td>
<td>21.6 to 26.4</td>
<td>100</td>
<td>0.17</td>
<td>2.04</td>
<td>6,150</td>
<td>0.76</td>
<td>27.5</td>
<td>97</td>
<td>0.389</td>
<td>36</td>
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<tr>
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<td></td>
<td>100</td>
<td>0.03</td>
<td>0.36</td>
<td>1,150</td>
<td>0.13</td>
<td>4.8</td>
<td>3.3</td>
<td>0.013</td>
<td>14</td>
</tr>
<tr>
<td>9WL0624P4H001</td>
<td>20</td>
<td></td>
<td>100</td>
<td>0.03</td>
<td>0.36</td>
<td>1,350</td>
<td>0.17</td>
<td>6.0</td>
<td>4.7</td>
<td>0.018</td>
<td>14</td>
</tr>
</tbody>
</table>

Note: Fan does not rotate when PWM duty cycle is 0%.
Some models can also be equipped without sensors as an option. Please refer to the index (pp. 417 to 437).

### Dimensions
**8×4.3±0.3 Mounting Hole**

**4±0.3 Airflow Direction**

### Reference Dimension of Mounting Holes and Vent Opening
Inlet side, Outlet side

### Options
**Finger Guards**
- Model: 109-139E Surface treatment: Nickel-chrome plating (silver)
- Model: 109-139H Cation electropainting (black)

**Resin Finger Guards**
- Model: 109-1003G

**Mass**: 14.5g

**Mass**: 7g
San Ace 60W

PWM Duty Cycle

Operating Voltage Range

PWM Duty - Speed Characteristics Example
Mouser Electronics

Authorized Distributor

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

**Sanyo Denki:**

- 9WL0612P4H001
- 9WL0624P4H001
- 9WL0624P4S001
- 9WL0612P4J001
- 9WL0612P4S001
- 9WL0624P4J001