The above specifications are subject to change without notice due to continuous improvement. The printed color of the products may differ slightly from the actual products. *Where there is a fire alarm, install the unit so that the nozzles are more than 1.5m away from the sensors of the alarm. Do not install the unit within 30cm of a sprinkler. Do not install the unit in places where oily smoke or dust is constantly generated, or where the unit may be exposed to corrosive gas or seawater.

### Specifications

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>AH-1006S1-E</td>
<td>Single-phase</td>
<td>High</td>
<td>32-60 / 45</td>
<td>0.15-0.17 / 0.19</td>
<td>140-214 / 200</td>
<td>7.6-8.1 / 7.4</td>
<td>45.0</td>
<td>5.5</td>
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<tr>
<td>AH-1509S1-E</td>
<td>Single-phase</td>
<td>High</td>
<td>50-90 / 85</td>
<td>0.22-0.26 / 0.31</td>
<td>200-250 / 250</td>
<td>10.5-11.0 / 10.5</td>
<td>50.0</td>
<td>6.5</td>
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<tr>
<td>AH-2009S1-E</td>
<td>Single-phase</td>
<td>Low</td>
<td>28-45 / 22</td>
<td>0.13-0.14 / 0.15</td>
<td>100-120 / 120</td>
<td>5.5-6.5 / 5.5</td>
<td>33.0</td>
<td>3.5</td>
</tr>
<tr>
<td>AH-3012S1-E</td>
<td>Single-phase</td>
<td>Low</td>
<td>16-25 / 17</td>
<td>0.09-0.10 / 0.11</td>
<td>60-70 / 60</td>
<td>4.0-4.5 / 4.0</td>
<td>23.0</td>
<td>2.0</td>
</tr>
</tbody>
</table>

### Operating Conditions

- Ambient temperature of -10°C to +45°C
- Relative humidity of 50% or less at normal temperature.
- Use outside of this range may result in burning, deformation, improper rotation, or failure.

### Dimensions

- The mounting angle of the unit can be selected from the following 19 angles from the mounting surface:
  - 22.5°, 33.8°, 45°, 56.3°, 67.5°, 78.8°, 90°, 101.3°, 112.5°, 123.8°, 135°, 146.3°, 157.5°, -22.5°, -11.3°, 0°, 11.3°, 22.5°, 33.8°

### Air Velocity Distribution

- Our Air Conducting Fans generate airflow to solve ventilation and air-conditioning problems!
Improvement examples

**Factory**

Removing hot air from buildings
Bothered with the hot air around heating facilities or in summer?
Use our Air Conducting Fans in combination with your ventilators!

Circulating air-conditioned air
Using Air Conducting Fans help the air-conditioned air to reach all corners, improving comfort levels throughout the area!

Dispelling stagnant air
Ventilators may not be enough to improve your indoor environment; that’s where our ductless system comes in!

Warehouse

**Car Parks**

Ventilators may not be enough to improve your indoor environment; that’s where our ductless system comes in!

Our ductless system will lower initial costs

**Lower Initial Costs**

Mitsubishi Electric Air Conducting Fans eliminate the need for ducts and contribute to lowering initial costs.

**Duct system**

More equipment and higher installation cost

**Ductless system**

Less equipment and lower installation cost

Product characteristics

**Quiet Propeller design**

Our original motors and extra fans are compact, but have the power to maximize airflow efficiency. They deliver large air volume without creating large noise, while also minimizing energy consumption.

**Twin-nozzle structure**

Our original twin-nozzle structure reduces the spreading of airflow that is caused by the spiral blow generated by extra fans, and creates a more powerful blow. The fans can carry air for a long distance, so it is reliable even for large spaces!

* The below shows a distance reach of 0.3 m/s in a no-wind state.

**Simple Installation**

Air Conducting Fans can be easily installed on the ceiling using suspension bolts. The angle of the air vent is adjustable in 19 angles.

**Simple structures for easy parts replacement**

Our products have simple structures that consist mainly of propeller fans for easy maintenance. Each motor and fan can also be individually repaired or replaced as necessary.
Improvement examples

Removing hot air from buildings

Bothered with the hot air around heating facilities or in summer?
Use our Air Conducting Fans in combination with your ventilators!

Factory

Circulating air-conditioned air

Using Air Conducting Fans help the air-conditioned air to reach all corners, improving comfort levels throughout the area!

Warehouse

Dispelling stagnant air

Ventilators may not be enough to improve your indoor environment; that’s where our ductless system comes in!

Car Parks

Door to door air conditioning

Our Air Conducting Fans can be easily installed on the ceiling using suspension belts. The angle of the air vent is adjustable in 19 angles.

Simple Installation

Air Conducting Fans can be easily installed on the ceiling using suspension belts. The angle of the air vent is adjustable in 19 angles.

Simple structures for easy parts replacement

Our products have simple structures that consist mainly of propeller fans for easy maintenance. Each motor and fan can also be individually repaired or replaced as necessary.

Quiet Propeller design

Our original motors and extra fans are compact, but have the power to maximize airflow efficiency. They deliver large air volume without creating large noise, while also minimizing energy consumption.

Twin-nozzle structure

Our original twin-nozzle structure reduces the spreading of airflow that is caused by the spiral blow generated by extra fans, and creates a more powerful blow. The fans can carry air for a long distance, so it is reliable even for large spaces!

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Lower Initial Costs

Mitsubishi Electric Air Conducting Fans eliminate the need for ducts and contribute to lowering initial costs.

Duct system

More equipment and higher installation cost

Ductless system

Loss equipment and lower installation cost

Improvement examples

Ventilators may not be enough to improve your indoor environment; that’s where our ductless system comes in!
AH-1006S1-E
AH-1509S1-E
AH-2009S1-E
AH-3012S1-E

*Operating conditions: Ambient temperature of -10°C to +45°C, relative humidity of 80% or less at normal temperature. Use outside of this range may result in burning, deformation, unusual rotation, etc. Do not use outside of this range.

*Do not install the unit within 30cm of a sprinkler.

*Do not install the unit in places where oily smoke or dust is constantly generated, or where the unit may be exposed to corrosive gas. Install the unit within 30cm of a sprinkler.

For fire alarm, install the unit so that the nozzles are more than 1.5m away from the sensors of the alarm.

**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Supply</th>
<th>Power Consumption</th>
<th>Watt (W)</th>
<th>Current (A)</th>
<th>Airflow Rate (m³/h)</th>
<th>Air Velocity (m/sec)</th>
<th>Noise (dB)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AH-1006S1-E</td>
<td>Single-phase</td>
<td>220-240/220V 50/60Hz</td>
<td>66-68</td>
<td>0.41-0.47</td>
<td>1020-1050</td>
<td>127</td>
<td>96.2</td>
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<tr>
<td>AH-1509S1-E</td>
<td>Single-phase</td>
<td>220-240/220V 50/60Hz</td>
<td>96-100</td>
<td>0.45-0.51</td>
<td>1470</td>
<td>164</td>
<td>103.7</td>
<td>4.7</td>
</tr>
<tr>
<td>AH-2009S1-E</td>
<td>Single-phase</td>
<td>220-240/220V 50/60Hz</td>
<td>122-128</td>
<td>0.49-0.56</td>
<td>1750</td>
<td>192</td>
<td>111.7</td>
<td>5.2</td>
</tr>
<tr>
<td>AH-3012S1-E</td>
<td>Single-phase</td>
<td>220-240/220V 50/60Hz</td>
<td>148-155</td>
<td>0.53-0.61</td>
<td>2050</td>
<td>225</td>
<td>120.6</td>
<td>5.7</td>
</tr>
</tbody>
</table>

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Our Air Conducting Fans generate airflow to solve ventilation and air-conditioning problems!