### HOT WATER SOLUTION SPECIFICATION

#### HYDRO KIT

**Model**

<table>
<thead>
<tr>
<th>Type</th>
<th>Low Temp.</th>
<th>High Temp.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>ARNH04GK2A4/ ARNH10GK2A4</td>
<td>ARNH08GK3A4/ ARNH16GK3A4</td>
</tr>
<tr>
<td>Power Supply</td>
<td>Ø7 / 150 / 50</td>
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</tr>
<tr>
<td>Capacity (Rated)</td>
<td>4.0</td>
<td>8.0</td>
</tr>
<tr>
<td>Heat Input</td>
<td>36.0</td>
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</tr>
<tr>
<td>Outdoor Temperature</td>
<td>20°C (68°F) DB / 16°C (60.8°F) WB, Water inlet 55°C (131°F) / Outlet 65°C (149°F)</td>
<td>80°C (176°F) DB / 50°C (122°F) WB, Water inlet 85°C (185°F) / Outlet 70°C (158°F)</td>
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<td>Refrigerant</td>
<td>R410A</td>
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</tr>
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<td>Operation Range</td>
<td>10°C ~ 43°C</td>
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<td>Combination Ratio</td>
<td>50 ~ 100</td>
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#### Piping Length

Interconnected Pipe Length = 7.5m

#### Refrigerant

- Heat Exchanger: Refrigerant to Water
  - Type: Brazed Plate HEX
  - Rated Water Flow L/min: 39.6 ~ 192.0
  - Head Loss kPa: 9.52 (3/8) ~ 15.88 (5/8)
- Compressor: Twin Rotary Inverter
  - Control: EEV

#### Piping Connections

- Water Side Inlet inch: 1 / 2
  - Rated Water Flow L/min: 19.8 ~ 36.0
  - Head Loss kPa: 9.52 (3/8) ~ 15.88 (5/8)
- Refrigerant Side Liquid Side mm (inch): Male PT 1 ~ Male PT 1

#### Sound Pressure Level

- Cooling: 43 dB (A) ~ 43 dB (A)
- Heating: 43 dB (A) ~ 43 dB (A)

### NOTE

1. Capacities are based on the following conditions:
   - Heating: Indoor 25°C (77°F) DB / 15°C (59°F) WB, Outdoor 7°C (44.6°F) DB / 6°C (42.8°F) WB, Water Inlet 55°C (131°F) / Outlet 65°C (149°F)
   - Cooling: Indoor 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor 35°C (95°F) DB / 24°C (75.2°F) WB, Water Inlet 23°C (73.4°F) / Outlet 18°C (64.4°F)

2. This product contains Fluorinated Greenhouse Gases. (R410A, R134A)

### Available from Mid 2018 onwards

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