Hybrid Electric Commercial water heaters are available in 40, 50, 65 and 80-gallon capacities & are the most efficient water heaters available

**Efficiency**
- Up to 4.0 UEF reduces operating cost
- ENERGY STAR® rated
- Title 24 Compliant (JA13 Ready)

**Performance**
- Delivers hot water faster than most standard electric water heaters
- Ambient operating range: 37-145° F is widest in class, offering more days of HP operation annually; designed to meet Northern Climate Spec (Tier 4)

**Easy Installation**
- Easy access side connections
- Quick access to electrical junction box
- Easily replaces a standard electric water heater

**Integration**
- Electronic control for easy temperature adjustment and mode management
- Audible alarm for service alerts

**Plus...**
- Premium grade anode rod with resistor extends the life of the tank
- 3/4" NPT water inlet and outlet; 3/4" condensate drain connections
- Incoloy stainless steel resistor elements
- Dry-fire protection
- Easy access, top mounted washable air filter
- 2" Non-CFC foam insulation
- Enhanced flow brass drain valve
- Temperature and pressure relief valve installed
- Design certified to NSF/ANSI 372 (Lead Content)

**Warranty**
- 3-Year limited tank and parts warranty
  
  See Commercial Warranty Certificate for complete information

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**Rheem Commercial Electric Hybrid**

40, 50, 65 & 80-Gallon Capacities

208-240 Volt / 1 PH

**Electric**

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**Efficiency** | These models have been tested according to DCE test procedures, and exceed the minimum energy factor requirements of current ASHRAE Standards (Part of the federally mandated Energy Policy Act (EPAct). Also exceeds energy efficiency codes of all states including California Energy Commission (CEC).

**Safety and Construction** | Safety and Construction: These products are design certified by Underwriters Laboratories (UL) as electric storage tank water heaters. All models are North Carolina and Massachusetts Code compliant. Certified for a 150 PSI Maximum Working Pressure.
### Specifications

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>ENERGY INFO</th>
<th>FEATURES</th>
<th>SHIPPING WEIGHTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOMINAL GALLON CAPACITY</td>
<td>RATED GALLON CAPACITY</td>
<td>MODEL NUMBER</td>
<td>MODEL VARIANT</td>
</tr>
<tr>
<td>40</td>
<td>36</td>
<td>HPLD40-1RH</td>
<td>701449</td>
</tr>
<tr>
<td>50</td>
<td>45</td>
<td>HPLD50-1RH</td>
<td>701448</td>
</tr>
<tr>
<td>65</td>
<td>59</td>
<td>HPLD65-1RH</td>
<td>701450</td>
</tr>
<tr>
<td>80</td>
<td>72</td>
<td>HPLD80-1RH</td>
<td>701443</td>
</tr>
</tbody>
</table>

Estimated energy cost based on a national average electricity cost of $0.12/kWh. Uniform Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements. All units have integrated WiFi control board.

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### Dimensions (Shown in Inches)

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOMINAL GALLON CAPACITY</td>
<td>MODEL NUMBER</td>
</tr>
</tbody>
</table>
Hybrid Electric Commercial Water Heaters

Hybrid Water Heater Installation Guidelines to Provide Optimal Efficiency

**Heater: Not Ducted**
Room size: Larger than 700 ft³ (e.g. 7' x 10' x 10').
Requirements: No additional ventilation needed.

**Heater: Not Ducted**
Room size: Smaller than 700 ft³ (e.g. 7' x 10' x 10').
Requirements: Full louvered door OR two louvers top and bottom. See below.

**Heater: Not ducted**
Room: Small Closet
Requirements: * Air gap under door equal to 18 in² (0.75" clearance).
                   * Louver must be located the same height on door as the air exhaust on heater.
                   * Heater air exhaust must be positioned towards louver within one foot of door.

**Heater: Ducted with inlet OR outlet duct**
Room size: Any size room
Requirements: Air gap under door equal to 18 in² (0.75" clearance)

**Heater: Ducted with inlet AND outlet duct**
Room size: Any size room
Requirements: No additional ventilation needed.
## Hybrid Accessories List

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>USE FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leak Sensor</td>
<td>Automatic detection of internal and external leaks</td>
</tr>
<tr>
<td>Shutoff Valve</td>
<td>Automatic shut off of water supply to unit</td>
</tr>
<tr>
<td>Inlet Duct Adapter</td>
<td>Allows for ducting to be connected on the top inlet</td>
</tr>
<tr>
<td>Outlet Duct Adapter</td>
<td>Allows for ducting to be connected to the unit</td>
</tr>
<tr>
<td>Earthquake Isolation Kit</td>
<td>Installations in seismic regions</td>
</tr>
<tr>
<td>Vibration Isolation Kit</td>
<td>Installation on non-concrete floors</td>
</tr>
<tr>
<td>8&quot; Diameter UL Certified Termination Kit</td>
<td>Termination to the outside or to the attic with 8&quot; diameter</td>
</tr>
<tr>
<td>7&quot; Diameter UL Certified Termination Kit</td>
<td>Termination to the outside or to the attic with 7&quot; diameter</td>
</tr>
<tr>
<td>6&quot; Diameter UL Certified Termination Kit</td>
<td>Termination to the outside or to the attic with 6&quot; diameter</td>
</tr>
<tr>
<td>5&quot; Diameter UL Certified Termination Kit</td>
<td>Termination to the outside or to the attic with 5&quot; diameter</td>
</tr>
<tr>
<td>8&quot; Rheem Approved Damper Kit</td>
<td>Exhaust only to the outside ducting configuration (no inlet duct)</td>
</tr>
<tr>
<td>25' Flexible 8&quot; Diameter Duct Kit</td>
<td>For up to 25’ of ducting</td>
</tr>
<tr>
<td>Rigid Elbow Duct Kit</td>
<td>Installation in tight places where space needs to be minimized</td>
</tr>
</tbody>
</table>

### UPGRADE KIT

- Leak Sensor & Shutoff Valve Kit
  - Add leak detector and shutoff valve to protect from water damage

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In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.

Rheem Water Heating • 1115 Northmeadow Parkway, Suite 100
Roswell, Georgia 30076 • www.rheem.com

Rheem Canada Ltd./Ltée • 125 Edgeware Road, Unit 1
Brampton, Ontario L6Y 0P5 • www.rheem.com

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