Professional Prestige® ProTerra™ Hybrid Electric with LeakGuard™ is the most efficient water heater 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**
- LED Screen with built-in water sensor alert with audible alarm
- Integrated EcoNet® WiFi-connected technology and free mobile app gives users control over water heater, allowing for customizable temperature, vacation settings, energy savings and system monitoring at home or away. Visit Rheem.com/hybridsolutions
- CTA-2045 Ready (adapter included)

**Operation Modes**
- Energy Saver
- Heat Pump
- High Demand
- Electric
- Vacation/Away: 2-28 days (or placed on hold indefinitely)

**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**
- 10-Year limited tank and parts warranty
- See Residential Warranty Certificate for complete information

Units meet or exceed ANSI requirements and have been tested according to D.O.E. procedures. Units meet or exceed the energy efficiency requirements of NAEEA, ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria.

See specifications chart on next page.
# Professional Prestige® ProTerra Hybrid Specifications

## DESCRIPTION

<table>
<thead>
<tr>
<th>NOMINAL GALLON CAPACITY</th>
<th>RATED GALLON CAPACITY</th>
<th>MODEL NUMBER</th>
<th>MODEL, VARIANT</th>
<th>ELECTRIC BREAKER SIZE</th>
<th>UNIFORM ENERGY FACTOR (UEF)</th>
<th>EST. YEARLY ENERGY COST</th>
<th>COMPRESSOR BTU/H</th>
<th>UEF FIRST HR. RATING G.P.H.</th>
<th>RECOVERY IN G.P.H. AT 90° F RISE</th>
<th>ELEMENT WATTAGE</th>
<th>TOTAL UNIT WATTAGE</th>
<th>MAX AMPS</th>
<th>UNIT WT. (LBS)</th>
<th>APPROX. SHIP WT. (LBS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>36</td>
<td>PROPH40 T2 RH375-SO</td>
<td>700646</td>
<td>30</td>
<td>3.75</td>
<td>$104</td>
<td>4,200</td>
<td>60</td>
<td>26</td>
<td>4,500</td>
<td>5,000</td>
<td>21</td>
<td>157</td>
<td>174</td>
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<tr>
<td>50</td>
<td>45</td>
<td>PROPH50 T2 RH375-SO</td>
<td>700643</td>
<td>30</td>
<td>3.75</td>
<td>$104</td>
<td>4,200</td>
<td>67</td>
<td>27</td>
<td>4,500</td>
<td>5,000</td>
<td>21</td>
<td>178</td>
<td>218</td>
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<tr>
<td>65</td>
<td>59</td>
<td>PROPH65 T2 RH375-SO</td>
<td>700644</td>
<td>30</td>
<td>3.85</td>
<td>$155</td>
<td>4,200</td>
<td>75</td>
<td>27</td>
<td>4,500</td>
<td>5,000</td>
<td>21</td>
<td>225</td>
<td>262</td>
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<tr>
<td>80</td>
<td>72</td>
<td>PROPH80 T2 RH375-SO</td>
<td>700645</td>
<td>30</td>
<td>4.00</td>
<td>$149</td>
<td>4,200</td>
<td>87</td>
<td>27</td>
<td>4,500</td>
<td>5,000</td>
<td>21</td>
<td>244</td>
<td>281</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>NOMINAL GALLON CAPACITY</th>
<th>MODEL NUMBER</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
</tr>
</thead>
<tbody>
<tr>
<td>65</td>
<td>PROPH65</td>
<td>64-3/16</td>
<td>24-1/4</td>
<td>49</td>
<td>3-7/8</td>
<td>42-3/8</td>
<td>29-1/2</td>
<td>24-5/8</td>
<td>81-1/8</td>
<td>26-1/2</td>
<td>28-1/16</td>
</tr>
</tbody>
</table>
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>Shut-off 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” Diameter UL Certified Termination Kit</td>
<td>Termination to the outside or to the attic with 8” diameter</td>
</tr>
<tr>
<td>7” Diameter UL Certified Termination Kit</td>
<td>Termination to the outside or to the attic with 7” diameter</td>
</tr>
<tr>
<td>6” Diameter UL Certified Termination Kit</td>
<td>Termination to the outside or to the attic with 6” diameter</td>
</tr>
<tr>
<td>5” Diameter UL Certified Termination Kit</td>
<td>Termination to the outside or to the attic with 5” diameter</td>
</tr>
<tr>
<td>8” Rheem Approved Damper Kit</td>
<td>Exhaust only to the outside ducting configuration (no inlet duct)</td>
</tr>
<tr>
<td>25’ Flexible 8” 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>

### Images

- Leak Sensor
- Shut-off Valve
- Inlet Duct Adapter
- Outlet Duct Adapter
- Earthquake Isolation Kit
- Vibration Isolation Kit
- 8” Diameter UL Certified Termination Kit
- 7” Diameter UL Certified Termination Kit
- 6” Diameter UL Certified Termination Kit
- 5” Diameter UL Certified Termination Kit
- 8” Rheem Approved Damper Kit
- 25’ Flexible 8” Diameter Duct Kit
- Rigid Elbow Duct Kit

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