Sustainable & Efficient Replacements for Gas Water Heaters

New 120V Technology

Rheem® ProTerra® Plug-in Heat Pump
Rheem® ProTerra® Plug-in Heat Pump with HydroBoost

Rheem.com/ProTerra
Rheem® ProTerra® Plug-in models are a sustainable, smart and simple gas water heater replacement. Because they offer a quick and easy install with minimal clearance requirements and a standard tank footprint, both of the ProTerra Plug-ins are ideal for drop-in gas replacement and high efficiency upgrades while eliminating the need to install a 240V electric service.

**Super High Efficiency**
- Up to 5x the Efficiency of a Standard Gas Tank – 3.0 UEF for dedicated circuit and 3.5 UEF for shared circuit
- Added Savings – Built-in smart operating modes and time-of-use scheduling for increased efficiency

**Sustainable Solution**
- Reduces Carbon Footprint and Energy Costs – Up to an 80% reduction in energy use
- No NOx Emissions – A cleaner and healthier environment
- ENERGY STAR® Certified – Qualifies for local incentives and tax credits

**Quick & Easy Upgrade**
- 2x Faster Install – High efficiency upgrade with easy ducting and no condensate neutralizer needed
- Installs in More Places – Minimal clearance requirement and the same footprint as a standard gas tank
- Streamlines Install and Service – Advanced diagnostics and reduced callbacks with one-button start up verification

For optimal operation, installation in shaded map zone is recommended. When installing outside of the shaded zone, consult your local plumbing contractor.

**High Efficiency, Sustainability, Easy Installation**

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**Rheem ProTerra Plug-in Heat Pump with HydroBoost**
- Exclusive HydroBoost Extends Tank's Hot Water – Mixing valve maximizes output performance
- Easy Generator Back-up – Low power draw enables easy back-up when electricity is unavailable
- Shared 120V 15A circuit required

**Rheem ProTerra Plug-in Heat Pump**
- Fastest Tank Recovery – Industry's largest compressor delivers the fastest Heat Pump Water Heater Recovery on the market and performs similarly to a standard gas tank
- Dedicated 120V 15A circuit required

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**Average Ambient Air Temp in January**

<table>
<thead>
<tr>
<th>Below 37°F</th>
<th>Above 37°F</th>
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<tbody>
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</table>
## ProTerra Plug-in Heat Pump – 120V Dedicated Circuit

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>ENERGY INFO</th>
<th>FEATURES</th>
<th>TANK DIMENSIONS</th>
</tr>
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<tbody>
<tr>
<td><strong>NOMINAL GALLON CAPACITY</strong></td>
<td><strong>RATED GALLON CAPACITY</strong></td>
<td><strong>MODEL NUMBER</strong></td>
<td><strong>ELECTRIC BREAKER (TIME DELAY) SIZE</strong></td>
</tr>
<tr>
<td>40</td>
<td>36</td>
<td>PROPH40 T0 RH120</td>
<td>15A</td>
</tr>
<tr>
<td>50</td>
<td>45</td>
<td>PROPH50 T0 RH120</td>
<td>15A</td>
</tr>
</tbody>
</table>

## ProTerra Plug-in Heat Pump Water Heater with HydroBoost and LeakGuard™ – 120V Shared Circuit

<table>
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<tr>
<td>40</td>
<td>36</td>
<td>PROPH40 T0 RH120-M(SO)</td>
<td>15A</td>
</tr>
<tr>
<td>50</td>
<td>45</td>
<td>PROPH50 T0 RH120-M(SO)</td>
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<tr>
<td>65</td>
<td>59</td>
<td>PROPH65 T0 RH120-M(SO)</td>
<td>15A</td>
</tr>
<tr>
<td>80</td>
<td>72</td>
<td>PROPH80 T0 RH120-M(SO)</td>
<td>15A</td>
</tr>
</tbody>
</table>

*MSO-models include factory installed LeakGuard. M-models are LeakGuard and LeakSense ready. Easily add available leak sensor and shut-off valve upgrade kit.

**NOTE:** 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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**Contact Us**

Customer Service, Warranty, Parts  
800.621.5622

Plumbing Support Team  
866.339.2388

EcoNet® Technical Support  
800.255.2388

Technical Service  
800.HEATER3 (800.432.8373)

Technical Service for Heat Pump Water Heaters  
800.995.0982

Visit us online at [Rheem.com/ProTerra](http://Rheem.com/ProTerra) or see your local distributor.