

## 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](https://www.rheem.com/ProTerra)



## THE PROTERRA FAMILY OF HEAT PUMP WATER HEATERS

### Now Available in 120V Plug-in Options

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.



## High Efficiency, Sustainability, Easy Installation

### 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

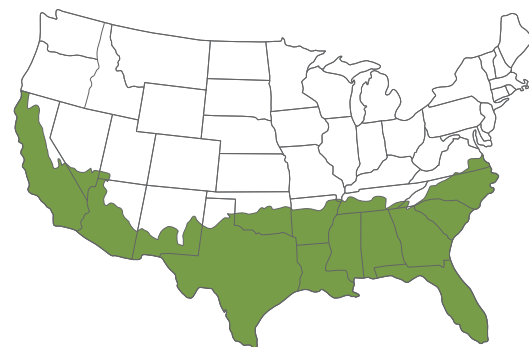
- Reduces Carbon Footprint and Energy Costs – Up to an 80% reduction in energy use
- No NOx Emissions – A cleaner and healthier environment
- ENERGY STAR® Certified – Qualifies for local incentives and tax credits



### QUICK & EASY UPGRADE

- Easy Gas Replacement – **Industry-first** 120V Plug-in Heat Pump Water Heater technology
- 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.



Average Ambient Air Temp in January

- Below 37°F
- Above 37°F

\*Zero side clearance requirement for ProTerra Plug-in Heat Pump with HydroBoost

### 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

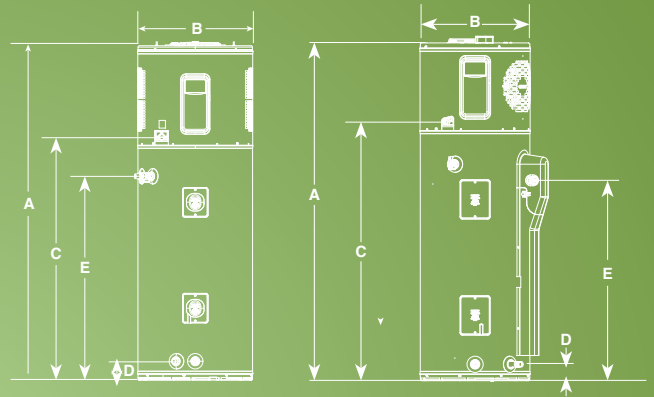
- Fastest Tank Recovery – Industry's largest compressor delivers the fastest Heat Pump Water Heater Recovery on the market and performs similarly to a standard gas tank
- Dedicated 120V 15A circuit required



# PROTERRA™

PLUG-IN

## Rheem® ProTerra® Plug-in Specifications



### ProTerra Plug-in Heat Pump – 120V Dedicated Circuit

| DESCRIPTION             |                       |                  |                                    | ENERGY INFO |                             |                         | FEATURES         |                             |                              | TANK DIMENSIONS |              |                          |                                  |                                  |                |                        |
|-------------------------|-----------------------|------------------|------------------------------------|-------------|-----------------------------|-------------------------|------------------|-----------------------------|------------------------------|-----------------|--------------|--------------------------|----------------------------------|----------------------------------|----------------|------------------------|
| NOMINAL GALLON CAPACITY | RATED GALLON CAPACITY | MODEL NUMBER     | ELECTRIC BREAKER (TIME DELAY) SIZE | VOLTAGE     | UNIFORM ENERGY FACTOR (UEF) | EST. YEARLY ENERGY COST | COMPRESSOR BTU/H | FIRST HOUR RATING (GALLONS) | RECOVERY IN G.P.H. 60°F RISE | HEIGHT (A)      | DIAMETER (B) | HEIGHT TO CONDENSATE (C) | HEIGHT TO COLD INLET & DRAIN (D) | HEIGHT TO HOT OUTLET AND T&P (E) | UNIT WT. (LBS) | APPROX. SHIP WT. (LBS) |
| 40                      | 37                    | PROPH40 TO RH120 | 15A                                | 120V        | 3.0                         | \$130                   | 12,000           | 51                          | 28                           | 65-5/8"         | 20-1/4"      | 47-13/16"                | 3-5/8"                           | 39-5/8"                          | 200            | 242                    |
| 50                      | 46                    | PROPH50 TO RH120 | 15A                                | 120V        | 3.0                         | \$130                   | 12,000           | 51                          | 29                           | 65"             | 22-1/4"      | 47-1/4"                  | 3-5/8"                           | 39-5/8"                          | 210            | 252                    |

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

| DESCRIPTION             |                       |                        |                       | ENERGY INFO |                             |                         | FEATURES         |                             |                              | TANK DIMENSIONS |              |                          |                                  |                          |                |                        |
|-------------------------|-----------------------|------------------------|-----------------------|-------------|-----------------------------|-------------------------|------------------|-----------------------------|------------------------------|-----------------|--------------|--------------------------|----------------------------------|--------------------------|----------------|------------------------|
| NOMINAL GALLON CAPACITY | RATED GALLON CAPACITY | MODEL NUMBER*          | ELECTRIC BREAKER SIZE | VOLTAGE     | UNIFORM ENERGY FACTOR (UEF) | EST. YEARLY ENERGY COST | COMPRESSOR BTU/H | FIRST HOUR RATING (GALLONS) | RECOVERY IN G.P.H. 60°F RISE | HEIGHT (A)      | DIAMETER (B) | HEIGHT TO CONDENSATE (C) | HEIGHT TO COLD INLET & DRAIN (D) | HEIGHT TO HOT OUTLET (E) | UNIT WT. (LBS) | APPROX. SHIP WT. (LBS) |
| 40                      | 36                    | PROPH40 TO RH120-M(SO) | 15A                   | 120V        | 2.8                         | \$96                    | 4,200            | 45                          | 12                           | 63"             | 20-1/4"      | 47"                      | 3-5/8"                           | 39-5/8"                  | 157            | 194                    |
| 50                      | 45                    | PROPH50 TO RH120-M(SO) | 15A                   | 120V        | 3.0                         | \$130                   | 4,200            | 55                          | 12                           | 62"             | 22-1/4"      | 47"                      | 3-5/8"                           | 39-5/8"                  | 178            | 218                    |
| 65                      | 59                    | PROPH65 TO RH120-M(SO) | 15A                   | 120V        | 3.3                         | \$118                   | 4,200            | 55                          | 12                           | 65"             | 24-1/4"      | 49"                      | 3-7/8"                           | 42-3/8"                  | 225            | 262                    |
| 80                      | 72                    | PROPH80 TO RH120-M(SO) | 15A                   | 120V        | 3.5                         | \$110                   | 4,200            | 72                          | 12                           | 75"             | 24-1/4"      | 59"                      | 3-7/8"                           | 42-3/8"                  | 244            | 281                    |

\*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.



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

## 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

Rheem Water Heating

1115 Northmeadow Pkwy  
Roswell, GA 30076

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

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