

## 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 HPWH 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 3.46 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 On-site – A cleaner and healthier environment
- ENERGY STAR® Certified – Qualifies for local incentives and tax credits
- Demand Response Ready – Built-in EcoPort™ (CTA-2045 Port) allows easy connection to Utility programs

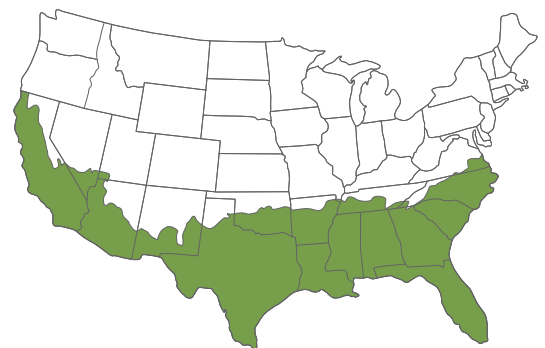


### QUICK & EASY UPGRADE

- 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

# Plug-in Heat Pump Technology

## 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

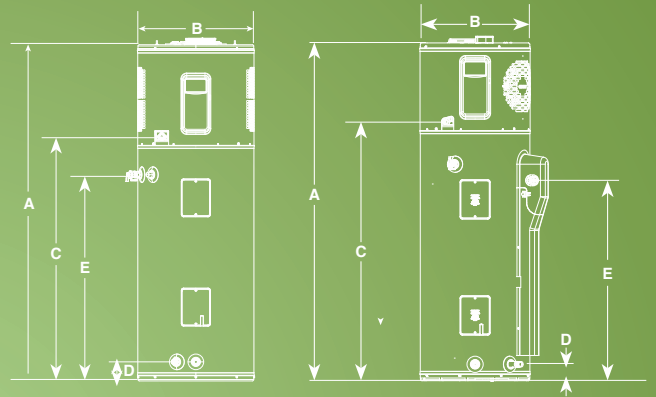
- Fastest Tank Recovery – Industry's largest compressor delivers the fastest Heat Pump Water Heater Recovery on the market and performs similarly to a standard gas tank
- Dedicated 120V 15A circuit required



# PROTERRA™

PLUG-IN

## Rheem® ProTerra® Plug-in Specifications



### ProTerra Plug-in Heat Pump Water Heater – 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)	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 T0 RH120	15A	120V	3.0	12,000	51	28	65-5/8"	20-1/4"	47-13/16"	3-5/8"	39-5/8"	200	242
50	46	PROPH50 T0 RH120	15A	120V	3.0	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)	COMPRESSOR BTU/H	FIRST HOUR RATING		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)
							TANK SET POINT TEMP. (DEGREES °F)	GALLONS								
40	36	PROPH40 T0 RH120-MSO	15A	120V	2.8	4,200	140	45	12	63"	20-1/4"	47"	3-5/8"	39-5/8"	157	194
50	46	PROPH50 T0 RH120-MSO	15A	120V	3.0	4,200	140	55	12	62"	22-1/4"	47"	3-5/8"	39-5/8"	178	218
65	59	PROPH65 T0 RH120-MSO	15A	120V	3.33	4,200	128	63	12	65"	24-1/4"	49"	3-7/8"	42-3/8"	225	262
80	72	PROPH80 T0 RH120-MSO	15A	120V	3.46	4,200	132	84	12	75"	24-1/4"	59"	3-7/8"	42-3/8"	244	281

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

DESCRIPTION				ENERGY INFO			FEATURES				TANK DIMENSIONS					
NOMINAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER¹	ELECTRIC BREAKER SIZE	VOLTAGE	UNIFORM ENERGY FACTOR (UEF)	COMPRESSOR BTU/H	FIRST HOUR RATING		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)
							TANK SET POINT TEMP. (DEGREES °F)	GALLONS								
40	36	PROPH40 T0 RH120-M	15A	120V	2.8	4,200	140	45	12	63"	20-1/4"	47"	3-5/8"	39-5/8"	157	194
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65	59	PROPH65 T0 RH120-M	15A	120V	3.33	4,200	128	63	12	65"	24-1/4"	49"	3-7/8"	42-3/8"	225	262
80	72	PROPH80 T0 RH120-M	15A	120V	3.46	4,200	132	84	12	75"	24-1/4"	59"	3-7/8"	42-3/8"	244	281

¹M-models are LeakGuard and LeakSense ready. Easily add available leak sensor and shut-off valve upgrade kit.

**NOTE:** Uniform Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements. All units have integrated Wi-Fi control board.



## 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](https://www.rheem.com/ProTerra)  
or see your local distributor.

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.

Printed in the USA • 08/24 • WP • Form No. RH-PHP Rev. 5