



PROTERRA®

Flexibility Meets Efficiency

The Rheem® ProTerra®
Hybrid Electric Heat Pump
Water Heater



**NEW! TOP CONNECTIONS &
DUCT-READY DESIGN**



*This product meets a stringent
set of our company's internally
defined sustainability standards*

PROFESSIONAL PRESTIGE®

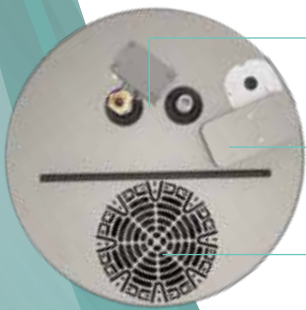
**ProTerra Hybrid Electric
Heat Pump Water Heater**

40-, 50-, 65- and 80-gallon Capacities

An Intelligent Replacement Solution

Offering enhanced installation flexibility, faster service and an easy sell, the new Rheem® ProTerra® Hybrid Electric Heat Pump Water Heater is the most efficient water heater available; delivering impressive savings for homeowners. Plus, it features quiet operation and is full of smart features your customers will love—from built-in Wi-Fi to our exclusive LeakGuard™ leak detection and prevention.²

ENHANCED FLEXIBILITY



NEW! Top Water Connections

Demand-response-ready EcoPort™ (CTA-2045 Port)

NEW! Duct-ready Design

UP TO
4X
THE EFFICIENCY
of a standard
electric water
heater¹



Flexible Install Faster Service, Easy Sell

Feel confident selling ProTerra® to homeowners while also enjoying hassle-free, flexible installation, replacement and service. Build reliable, life-long relationships by giving your clients the peace-of-mind they deserve.



PERFECT FOR REPLACEMENT

Easy replacement with the same dimensions as a standard electric water heater and one-button startup



FITS MORE APPLICATIONS

With zero side clearance requirement, universal top and side water connections, and a duct-ready design, the ProTerra Hybrid Electric HPWH is a great option for homes with less space, even in closets



BUILT-IN PREMIUM FEATURES

Save yourself time with built-in leak detection, automatic water shut-off valve and Wi-Fi control^{1,3}



BEST-IN-CLASS WARRANTY

Deliver peace-of-mind with 10-year limited tank and parts warranty²



CONVENIENT DESIGN

All serviceable parts and condensate line are on the front of the unit, making service and earthquake strap installs easy



ADVANCED DIAGNOSTICS

View detailed alerts and alarm codes while at the water heater via the on-unit display and Rheem® Contractor App to expedite service²



VALVE QUICK-RELEASE

If the actuator communication goes bad between the control and valve, you can replace it without touching the plumbing for faster service



LEAK SENSOR CHANNEL

Leak sensor replacement is easy by opening the bottom element cover and snaking the new leak sensor down the tube—360° protection, all from the front of the tank

¹Wi-Fi broadband connection and Rheem Contractor App required; connection between water heater and app dependent on external factors beyond Rheem's control. ²See residential warranty certificate for complete information or view warranty details at RheemWarranties.com.

HOW IT WORKS



PROTERRA®

Enjoy peace of mind with quiet operation at 45 dBA¹

dBA

- 90 Coffee Grinder
- 80 Garbage Disposal
- 70 Washing Machine
- 60 Printer
- 50 Refrigerator
- 40 Air Fryer
- 30 Whisper

45
dBA



¹Operation at 45 dBA measured at 6.28 feet using third-party certified testing procedures.



Did You Know?

The Rheem® ProTerra® Hybrid Electric Heat Pump Water Heater uses less energy to operate than a classic 100-watt incandescent light bulb¹



Sustainability That Works

Homeowners don't have to choose between sustainability goals and enjoying hot water

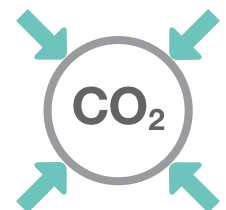


HEAT PUMP TECHNOLOGY

The ProTerra Hybrid Electric HPWH pulls heat energy from the air around it to heat water, making it the most efficient water heater on the market² with up to a 4.07 UEF

CARBON FOOTPRINT REDUCTION

The ProTerra Hybrid Electric HPWH uses 75% less energy³ than a standard residential 50-gallon hybrid electric water heater to help minimize impact on the environment



DEMAND RESPONSE READY

EcoPort (CTA-2045) and built-in Wi-Fi allow easy connection to utility programs for additional energy and time-of-use rate savings



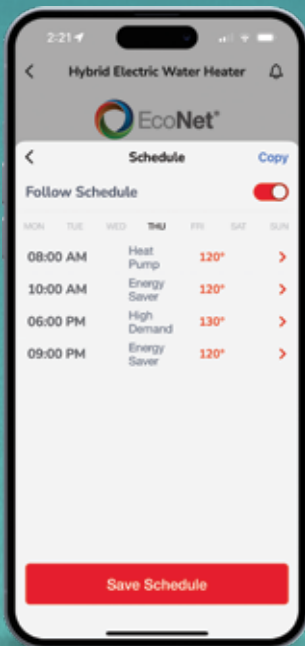
¹Based on comparison of the annual operating cost of a 40- and 50-gallon Rheem ProTerra Hybrid Electric Heat Pump model against the energy needed to power a single 100-watt incandescent light bulb constantly for one year. ²Based on review of available residential water heaters. ³Based on reduction in energy use of Rheem Hybrid Electric Heat Pump water heater models with a 4.07 UEF compared to a standard residential electric 50-gallon tank type model with a .93 UEF.



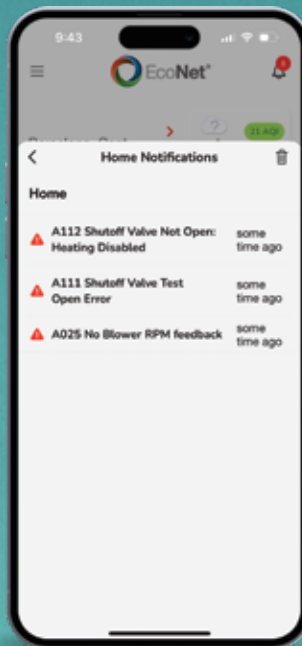
Smart Control Powered by EcoNet® Technology

Built-in Wi-Fi gives homeowners complete control of their water heater from a smart phone¹ and the EcoNet App—including:

**SCHEDULING
OPERATING MODE &
SET POINT**



**VIEWING /
MANAGING
ALERTS**



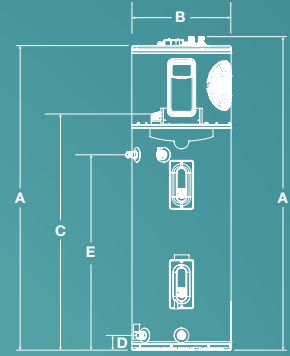
**TRACKING
ENERGY
USAGE**



¹Wi-Fi broadband connection and EcoNet App required; notifications are dependent on external factors beyond Rheem's control. EcoNet is a registered trademark of Rheem Manufacturing company.

PROTERRA®

Rheem® ProTerra® Hybrid Electric Specifications



DESCRIPTION			ENERGY INFO		FEATURES				TANK DIMENSIONS					
NORMAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	ELECTRIC BREAKER SIZE	UNIFORM ENERGY FACTOR (UEF)	ELEMENT WATTAGE	COMPRESSOR BTU	FIRST HOUR RATING (GALLONS)	RECOVERY IN G.P.H. 90° F RISE	HEIGHT (A)	DIAMETER (B)	HEIGHT TO CONDENSATE CONNECTION (C)	HEIGHT TO COLD INLET & DRAIN (D)	HEIGHT TO HOT OUTLET AND T&P (E)	APPROX. SHIP WT. (LBS)
ProTerra® Hybrid Electric HPWH with LeakGuard™ – 30 AMPS														
40	36	CPROPH40 T2 RH400-S0	30	3.83	4,500	4,200	60	26	62-5/16"	20-1/4"	47"	3-5/8"	39-5/8"	174
50	45	CPROPH50 T2 RH400-S0	30	3.88	4,500	4,200	67	27	61-3/4"	22-1/4"	47"	3-5/8"	39-5/8"	218
65	59	CPROPH65 T2 RH400-S0	30	4.05	4,500	4,200	75	27	64-3/16"	24-1/4"	49"	3-7/8"	42-3/8"	262
80	72	CPROPH80 T2 RH400-S0	30	4.07	4,500	4,200	87	27	74-3/16"	24-1/4"	59"	3-7/8"	42-3/8"	281
ProTerra® Hybrid Electric HPWH – 30 AMPS														
40	36	CPROPH40 T2 RH400-30	30	3.83	4,500	4,200	60	27	62-5/16"	20-1/4"	47"	3-5/8"	39-5/8"	174
50	45	CPROPH50 T2 RH400-30	30	3.88	4,500	4,200	67	27	61-3/4"	22-1/4"	47"	3-5/8"	39-5/8"	218
65	59	CPROPH65 T2 RH400-30	30	4.05	4,500	4,200	75	27	64-3/16"	24-1/4"	49"	3-7/8"	42-3/8"	262
80	72	CPROPH80 T2 RH400-30	30	4.07	4,500	4,200	87	27	74-3/16"	24-1/4"	59"	3-7/8"	42-3/8"	281
ProTerra® Hybrid Electric HPWH – 15 AMPS														
40	36	CPROPH40 T2 RH400-15	15	3.45	2,250	4,200	46	16	62-5/16"	20-1/4"	47"	3-5/8"	39-5/8"	174
50	45	CPROPH50 T2 RH400-15	15	3.75	2,250	4,200	54	16	61-3/4"	22-1/4"	47"	3-5/8"	39-5/8"	218
65	59	CPROPH65 T2 RH400-15	15	3.55	2,250	4,200	54	16	64-3/16"	24-1/4"	49"	3-7/8"	42-3/8"	262
80	72	CPROPH80 T2 RH400-15	15	3.70	2,250	4,200	67	16	74-3/16"	24-1/4"	59"	3-7/8"	42-3/8"	281

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 Hybrid Water Heaters

800-995-0982

Visit us online at Rheem.ca/ProTerra or see your local distributor.

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