

PROTERRA™

Easy to Install.
Easy to Service.
Easy to Sell.

THE RHEEM® PROTERRA™ HYBRID
ELECTRIC WATER HEATER



PROFESSIONAL PRESTIGE®
ProTerra Hybrid Electric Water Heater
40-, 50-, 65- and 80-Gallon Capacities



The new degree of comfort.®

WHY PROTERRA

An Intelligent Replacement Solution

Easy to install, service and sell, the new Rheem® ProTerra™ Hybrid Electric Water Heater is the smartest and most efficient water heater available. It delivers impressive savings for homeowners—right away with a \$300 federal tax credit and local utility rebates¹; and ongoing with up to \$480 energy cost savings each year.² Plus, it's full of smart features your customers will love—from built-in WiFi to our exclusive Water Leak Detection.³



Duct-capable Air Outlet

Easy-to-use Controls

Easy-access
Condensate Connection

Easy-service Design

LeakGuard™ Auto
Water Shut-off Valve³

Long-lasting
Brass Drain Valve

Built-in 360° Leak
Detection Cable³

Demand Response Connector



Duct-capable Air Inlet

UP TO
400%
MORE EFFICIENT
than a standard
electric water
heater

¹Rebates vary by region. ²Based on comparison of the 50-gallon Hybrid Electric model against the estimated annual operating cost of a standard electric water heater of like capacity manufactured prior to 2015 under NAECA II which is likely being replaced. Savings varies per gallon capacity. ³Leak detection and leak protection built in for ProTerra Hybrid with LeakGuard only.

PLUMBER FRIENDLY



ProTerra Makes It Easy

Feel confident selling ProTerra™ to homeowners while also enjoying hassle-free 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 clearance requirement, the ProTerra Hybrid 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 WiFi 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



DIAGNOSTIC MODE

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



SELF-CLEANING

Reduces sediment buildup to prolong tank life and maintain the water heater's efficiency and tank capacity

¹WiFi 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. ³Leak detection and leak protection built in for ProTerra Hybrid with LeakGuard only.

Easy to Install, Easy to Service, Easy to Sell



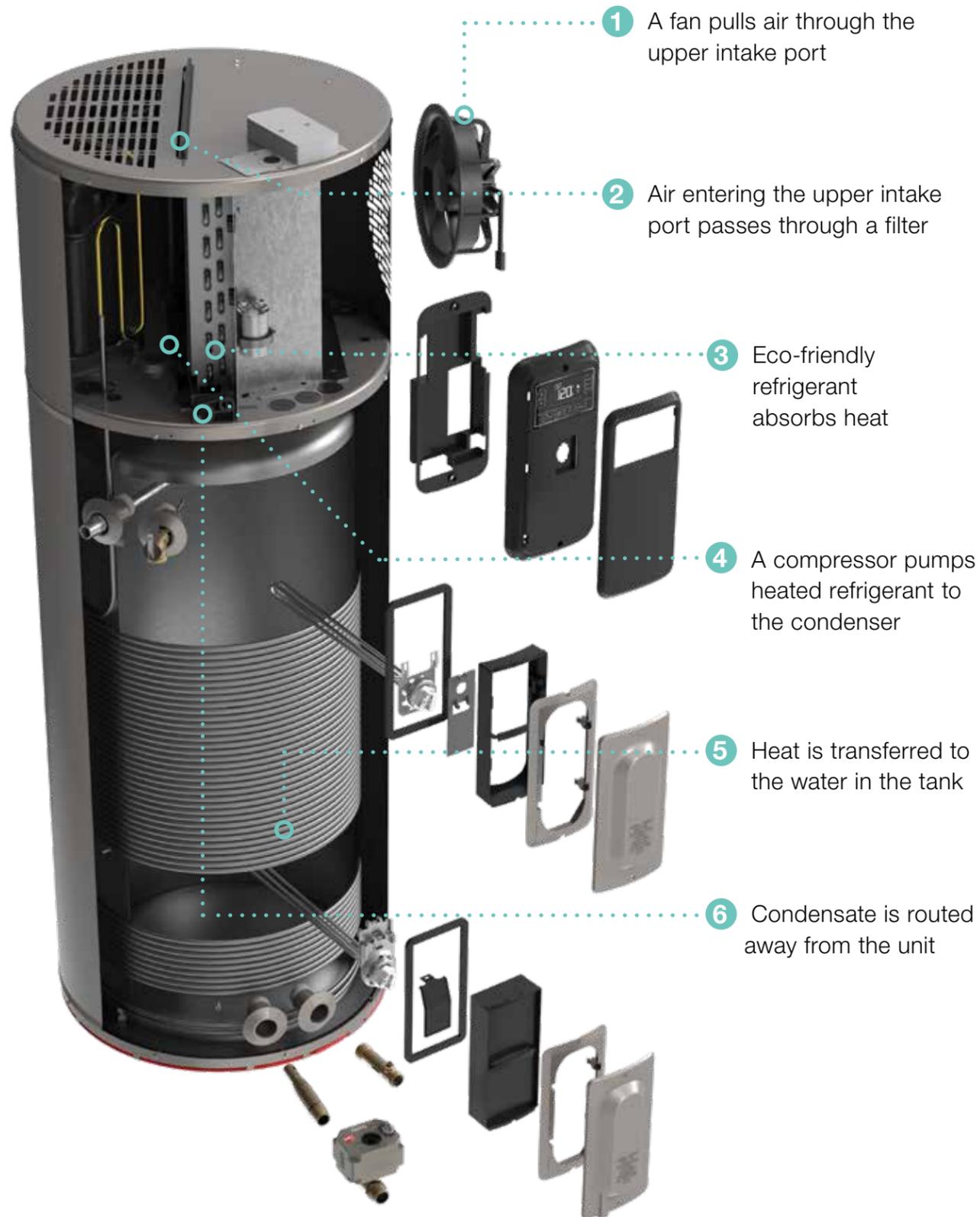
VALVE QUICK-RELEASE

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



Up to \$4,800 in Energy Cost Savings

The Rheem® ProTerra™ Hybrid Electric Water Heater is the most efficient water heater on the market, helping homeowners save up to \$480 per year in energy costs—that's almost \$5,000 over 10 years!¹

DEMAND RESPONSE SCHEDULING

Homeowners can save up to \$400 over the life of the heater with peak and off-peak energy rate scheduling with built-in demand response³

ENERGY SAVING SCHEDULING

Program the water heater to match demand throughout the day—higher production during high use times, like the morning, and lower production for energy savings when no one is home and off-peak energy rate scheduling with built-in demand response³

SET VACATION OR AWAY MODE

Reduce water heating costs while homeowners are away for a week or just for the day—it's easy to set from a phone from anywhere through the free Rheem EcoNet app⁴

QUICK PAYBACK

Upgrading pays for itself in the first two years² thanks to an amazing 4.0 UEF and features that deliver long-term savings

LESS THAN
2 year
PAYBACK

SEE HOW PROTERRA STACKS UP AGAINST OTHER WATER HEATERS⁵

	RHEEM PROTERRA HYBRID ELECTRIC WITH LEAKGUARD	⚡ STANDARD ELECTRIC	🔥 STANDARD GAS
SIZE	ProTerra Annual Operating Cost	Electric Annual Operating Cost	Natural Gas Annual Operating Cost
40 Gallon	\$104	\$419	\$208
50 Gallon	\$104	\$419	\$293
5 Operating Modes	✓	✗	✗
10-Year Warranty	✓	6-Year	6-Year
Water Leak Detection	✓	✗	✗
Auto Water Shut-off	✓	✗	✗
Energy Saving Scheduling	✓	✗	✗
Local Utility Rebates	✓	✗	✗
Federal Tax Credit	✓	✗	✗

¹Based on comparison of the 50-gallon Hybrid Electric model against the estimated annual operating cost of a standard electric water heater of like capacity manufactured prior to 2015 under NAECA II which is likely being replaced. Savings varies per gallon capacity. ²Based on review of available residential electric water heaters; Payback based on cost of product install compared to alternative product install, and estimated annual energy cost savings. ³Based on internal testing and the SMUD cost for peak / off peak pricing and season difference. ⁴WiFi broadband connection and Rheem EcoNet App required; connection between water heater and app dependent on external factors beyond Rheem's control. ⁵Based on estimated annual energy costs of current NAECA 2015 products of like capacity per DOE test procedures.



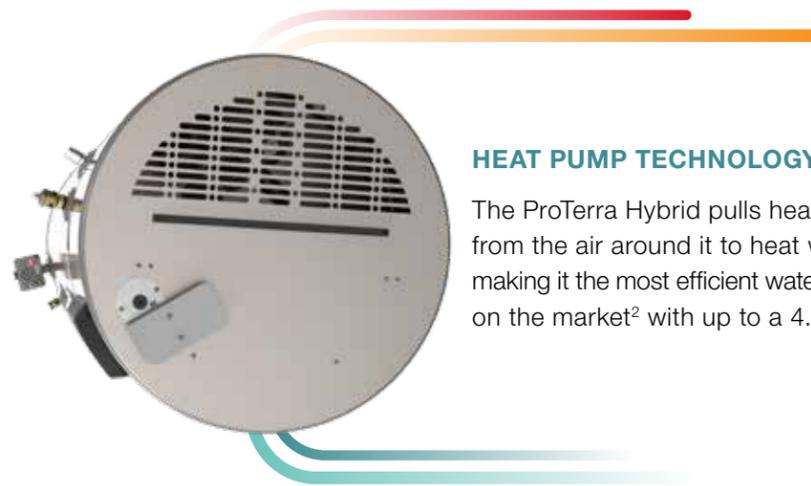
Did you know?

The Rheem® ProTerra™ Hybrid Electric 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

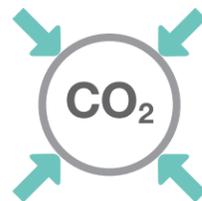


HEAT PUMP TECHNOLOGY

The ProTerra Hybrid 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 4.0 UEF

CARBON FOOTPRINT REDUCTION

The ProTerra uses 75% less energy³ than a standard electric water heater to help minimize your impact on the environment

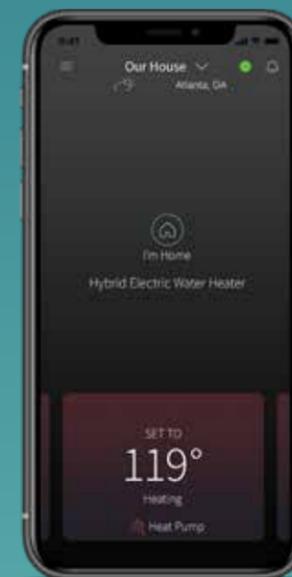


LEAKGUARD™ AUTO WATER SHUT-OFF VALVE

The all-inclusive leak prevention system that limits leaks to no more than 20 oz. of water⁴ to protect homes from damage

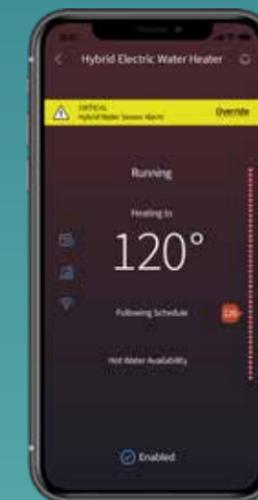


The smartest water heater on the market



BUILT-IN ECONET® WIFI TECHNOLOGY

Homeowner can adjust water temperature, track energy usage and set vacation mode—all from a mobile device¹



LEAKSENSE™ WATER LEAK DETECTION

Alerts the homeowner about a leak with built-in water leak detection system that detects any leak—large or small, internal or external—in as little as 15 seconds²



ENERGY USAGE TRACKING

Homeowners can view weekly, monthly and yearly energy usage reports from their phone to help you better manage energy consumption



OPERATING MODES AND SCHEDULING

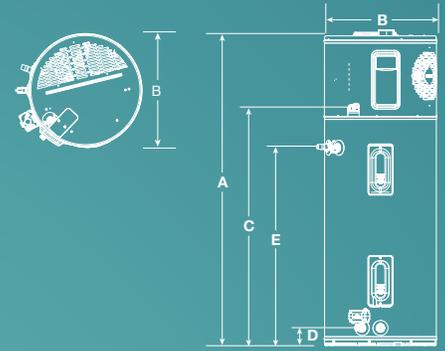
Schedule set point adjustments and choose from five operation modes from the EcoNet App: Energy Saver, Heat Pump, Electric, High Demand, Vacation

¹Based on comparison of the annual operating cost of a 40- and 50- gallon hybrid model assuming the unit is on constantly throughout the year and the energy needed to power a single 100 watt incandescent light bulb running for a full year using 876kWh of energy costing \$132. ²Based on review of available residential water heaters. ³Based on comparison of 50-gallon Rheem® Hybrid and standard electric tank with minimum efficiency. ⁴Source: Rheem leak-sensing data; testing under a vacuum lock using 50 gallon tank, no expansion tank, average tank pressure of 40 psi, assuming no additional faucets are opened.

¹WiFi 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. ²Water leaks from the heater only, as tested across scenarios including a minimum of 5.5mL/min volume leak rate, using most common installation scenarios. Applies to ProTerra™ Hybrid with LeakGuard. Source: Rheem Leak-Sensing Data: Time starts when leak begins and ends when sensor alarm is triggered. ³Applies to ProTerra Hybrid with LeakGuard models only. Source: Rheem leak-sensing data; testing under a vacuum lock using 50 gallon tank, no expansion tank, average tank pressure of 40 psi, assuming no additional faucets are opened.

PROTERRA™

Rheem® ProTerra™ Hybrid Specifications



DESCRIPTION			ENERGY INFO			FEATURES					TANK DIMENSIONS					
NORMAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	ELECTRIC BREAKER SIZE	UNIFORM ENERGY FACTOR (UEF)	EST. YEARLY ENERGY COST	ELEMENT WATTAGE	COMPRESSOR BTU	SOUND LEVEL (dBA)	UEF FIRST HOUR RATING G.P.H.	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™ with LeakGuard™ - 30 AMPS																
40	36	PROPH40 T2 RH375-S0	30	3.75	\$104	4,500	4200	49	60	26	62-5/16"	20-1/4"	47"	3-5/8"	39-5/8"	174
50	45	PROPH50 T2 RH375-S0	30	3.75	\$104	4,500	4200	49	67	27	61-3/4"	22-1/4"	47"	3-5/8"	39-5/8"	218
65	59	PROPH65 T2 RH375-S0	30	3.85	\$155	4,500	4200	49	75	27	64-3/16"	24-1/4"	49"	3-7/8"	42-3/8"	262
80	72	PROPH80 T2 RH375-S0	30	4.00	\$149	4,500	4200	49	87	27	74-3/16"	24-1/4"	59"	3-7/8"	52-3/8"	281
ProTerra™ without LeakGuard™ - 30 AMPS																
40	36	PROPH40 T2 RH375-30	30	3.75	\$104	4,500	4200	49	60	27	62-5/16"	20-1/4"	47"	3-5/8"	39-5/8"	174
50	45	PROPH50 T2 RH375-30	30	3.75	\$104	4,500	4200	49	67	27	61-3/4"	22-1/4"	47"	3-5/8"	39-5/8"	218
65	59	PROPH65 T2 RH375-30	30	3.85	\$155	4,500	4200	49	75	27	64-3/16"	24-1/4"	49"	3-7/8"	42-3/8"	262
80	72	PROPH80 T2 RH375-30	30	4.00	\$149	4,500	4200	49	87	27	74-3/16"	24-1/4"	59"	3-7/8"	52-3/8"	281
ProTerra™ without LeakGuard™ - 15 AMPS																
40	36	PROPH40 T2 RH375-15	15	3.45	\$78	2,250	4200	49	46	16	62-5/16"	20-1/4"	47"	3-5/8"	39-5/8"	174
50	45	PROPH50 T2 RH375-15	15	3.75	\$104	2,250	4200	49	54	16	61-3/4"	22-1/4"	47"	3-5/8"	39-5/8"	218
65	59	PROPH65 T2 RH375-15	15	3.55	\$110	2,250	4200	49	54	16	64-3/16"	24-1/4"	49"	3-7/8"	42-3/8"	262
80	72	PROPH80 T2 RH375-15	15	3.70	\$105	2,250	4200	49	67	16	74-3/16"	24-1/4"	59"	3-7/8"	52-3/8"	281

Estimated energy cost 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.



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.com/Hybrid](https://www.Rheem.com/Hybrid) or see your local distributor.

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