

The Intelligent Solution

Flexible install and faster service. The new Rheem®ProTerra®Hybrid Electric Heat Pump Water Heater is the most efficient water heater available. It delivers impressive savings for homeowners and, it's full of smart features you will love—from built-in Wi-Fi to our exclusive LeakGuard™ leak detection and prevention.



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 Ready-
EcoPort™ (CTA2045- Port)



Duct-capable Air Inlet

UP TO
4X
THE EFFICIENCY
of a standard
electric water
heater²

EASY INSTALLATION



ProTerra Makes It **Flexible & Faster**

Enjoy hassle-free installation, replacement and service.

Proterra provides homeowners with reliability and life long 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 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, 2}



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

¹Wi-Fi broadband connection and Rheem Contractor App required; connection between water heater and app dependent on external factors beyond Rheem's control.

²Leak detection and prevention built in for ProTerra Hybrid with LeakGuard only.

Easy Installation. Power Performance. Energy Efficiency.



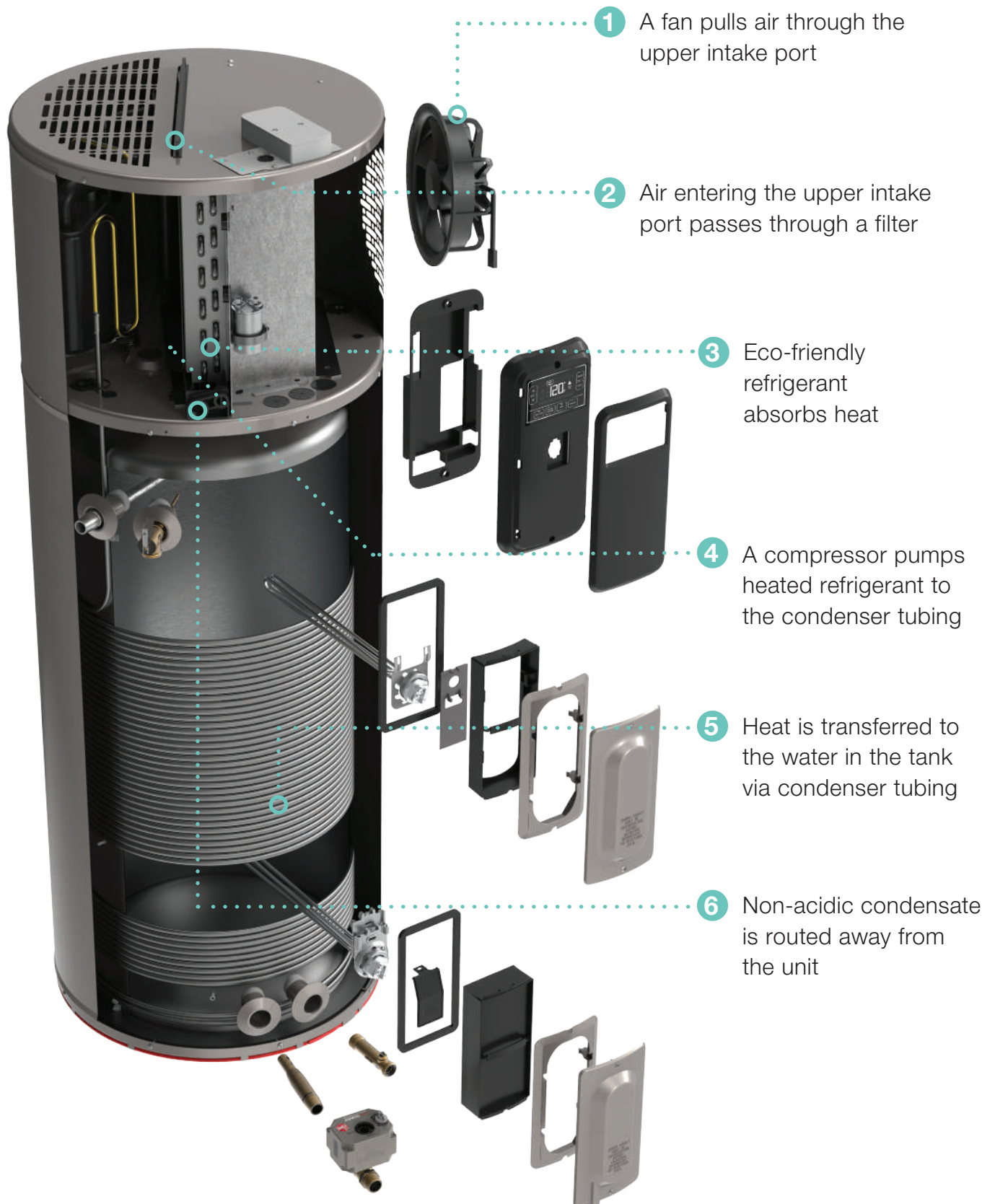
VALVE QUICK-RELEASE

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



Optimize Energy Cost Savings

The Rheem® ProTerra® Hybrid Electric Heat Pump Water Heater is the most efficient water heater on the market, helping homeowners save up energy costs

TIME-OF-USE / DEMAND RESPONSE SCHEDULING

Homeowners can save up to good amount of money over the life of the heater with time-of- use energy rate scheduling and demand response program participation


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 home³

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

SEE HOW PROTERRA HYBRID ELECTRIC STACKS UP AGAINST ELECTRIC WATER HEATERS

	RHEEM PROTERRA HYBRID ELECTRIC WITH LEAKGUARD	 STANDARD ELECTRIC
5 Operating Modes	✓	X
Water Leak Detection	✓	X
Auto Water Shut-off	✓	X
Energy Saving Scheduling	✓	X

Based on the comparison of a -50gallon Rheem Hybrid Electric model to a standard electric water heater of like capacity with minimum efficiency. Based on internal testing and the SMUD cost for peak / off peak pricing and season difference. Wi-Fi broadband connection and Rheem EcoNet App required; connection between water heater and app dependent on external factors beyond Rheem's control.



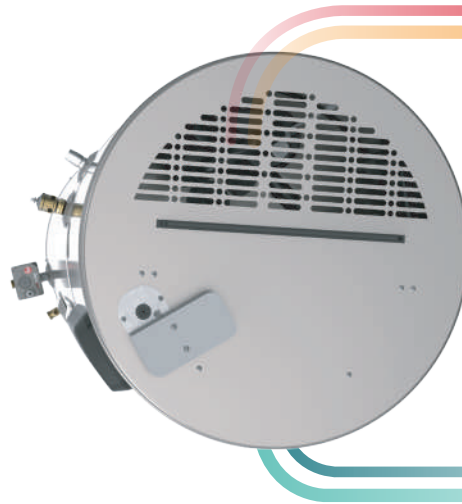
Did you know?

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

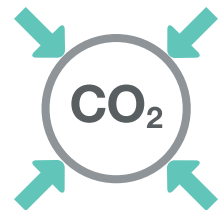


HEAT PUMP TECHNOLOGY

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 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

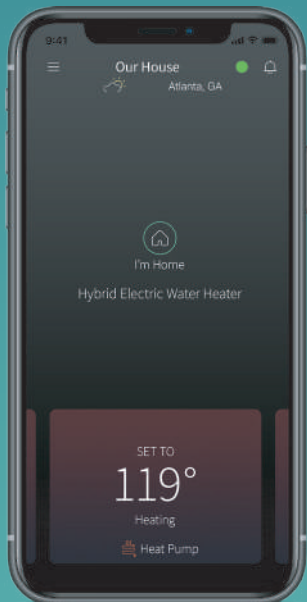


¹Based on review of available residential water heaters.

²Based on comparison of ~50gallon Rheem® Hybrid and standard electric tank with minimum efficiency. ³Source: 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.



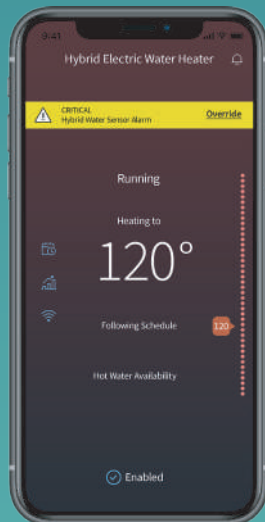
The smartest water heater on the market



BUILT-IN ECONET® WI-FI TECHNOLOGY

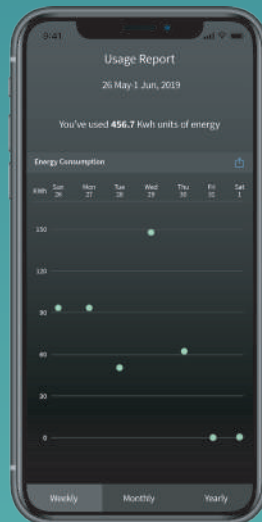
Homeowner can adjust water temperature, track energy usage and set vacation mode—all from a mobile device¹

NOTE: *EcoNet App subject to change without notice.*



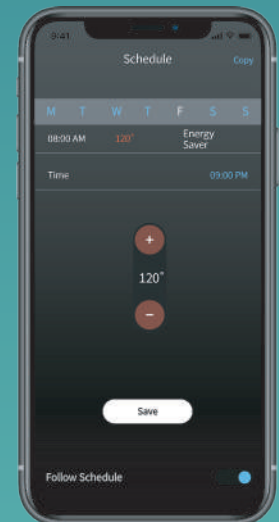
LEAKSENSE™ LEAK DETECTION

Alerts the homeowner about a leak with built-in 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



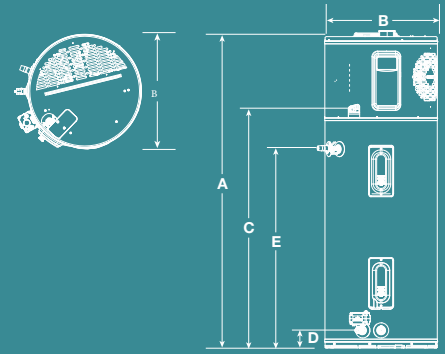
OPERATING MODES AND SCHEDULING

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

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.
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.

PRO TERRA®

Rheem® ProTerra® Hybrid Electric Specifications

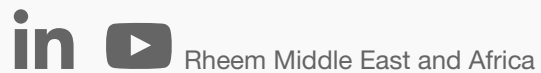


DESCRIPTION			ENERGY INFO		FEATURES				TANK DIMENSIONS					
NORMAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	ELECTRIC BREAKER SIZE	UNIFORM ENERGY FACTOR (UEF)	ELEMENT WATTAGE	COMPRESSOR BTU	FIRST HOUR RATING (GALLONS)	RECOVERY IN G.P.H. 90° F RISE	HEIGHT (A)	DIAMETER (B)	HEIGHT TO CONDENSATE 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														
50	45	PROPH50 T2 RH-375SO	30	3.88	4,500	4200	67	27	4/3-61"	4/1-22"	47"	8/5-3"	8/5-39"	218
80	72	PROPH80 T2 RH-375SO	30	4.07	4,500	4200	87	27	16/3-74"	4/1-24"	59"	8/7-3"	8/3-42"	281

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



Contact Us



Learn more at : www.rheem-mea.com

Visit us online at Rheem-mea.com or see your local distributor.

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