

# RHEEM<sup>®</sup> HYBRID ELECTRIC WATER HEATER

SMART ENERGY-EFFICIENT HOT WATER  
FOR HOME OR BUSINESS



The new degree of comfort.<sup>®</sup>



COMMERCIAL

## A Smart Solution for Efficient Hot Water.

The newest Rheem® *Prestige*® ProTerra™ Series Hybrid Electric Water Heater is easy to sell, install and service. It's the most efficient water heater available, offering free cooling as a side benefit of wherever it is installed, making it easy for your customers to save money. It's also the quietest hybrid available and full of smart features your customers will love—like our exclusive Water Leak Detection Alert.



RESIDENTIAL



## IN THIS GUIDE:

**Rheem ProTerra™ Hybrid 30 AMP Models**

**Rheem ProTerra™ Hybrid 15 AMP Models**

**Rheem Commercial Models**

**Hybrid Electric Accessories**

# Why Rheem® Hybrid Electric Solutions?



	Rheem Hybrid Electric	Standard Electric Tank-type	Standard Gas Tank-type
<b>Energy Efficiency</b>	Up to 4.00 UEF	0.93 UEF	0.61 UEF
<b>Annual Energy Use</b>	1240 kWh (75% Reduction)	5334 kWh	7735 kWh (264 Therm)
<b>5 Operating Modes</b>	✓	✗	✗
<b>Warranty</b>	10-Year Tank & Parts Warranty	6	6
<b>Water Leak Detection Alerts<sup>1</sup></b>	✓	✗	✗
<b>Works with Alexa<sup>1</sup></b>	✓	✗	✗
<b>Local Rebates<sup>2</sup></b>	✓	✗	✗
<b>Government &amp; Utility Rebates &amp; Credits<sup>2</sup></b>	✓	✗	✗

<sup>1</sup>WiFi broadband Internet connection and EcoNet App required; Notifications are dependent on external factors beyond Rheem's control. <sup>2</sup>Varies by state.

# IT'S SIMPLE TO CONNECT

Integrated WiFi means no accessories needed for EcoNet connection

1

Tap WiFi icon on the Hybrid Heat Pump



Create an Account

2



Connect App to the Hybrid Water Heater

3



Select WiFi Network & Enter Password

5

Setup Complete

## WHY CONNECTED WATER HEATERS?



### Connect to EcoNet® for smart home integrated features, including:

- Water leak detection and system shut off
- Mobile alerts for notifications / maintenance reminders<sup>1</sup>
- Energy usage reports from the app
- Works with smart home systems<sup>1</sup>
- Easy access to energy settings including Vacation Mode<sup>2</sup>
- Store contractor information in the app to request a service call at the push of a button



<sup>1</sup>WiFi broadband Internet connection and EcoNet App required; Notifications are dependent on external factors beyond Rheem's control. <sup>2</sup>Actual savings depend on number of days vacation setting is used.

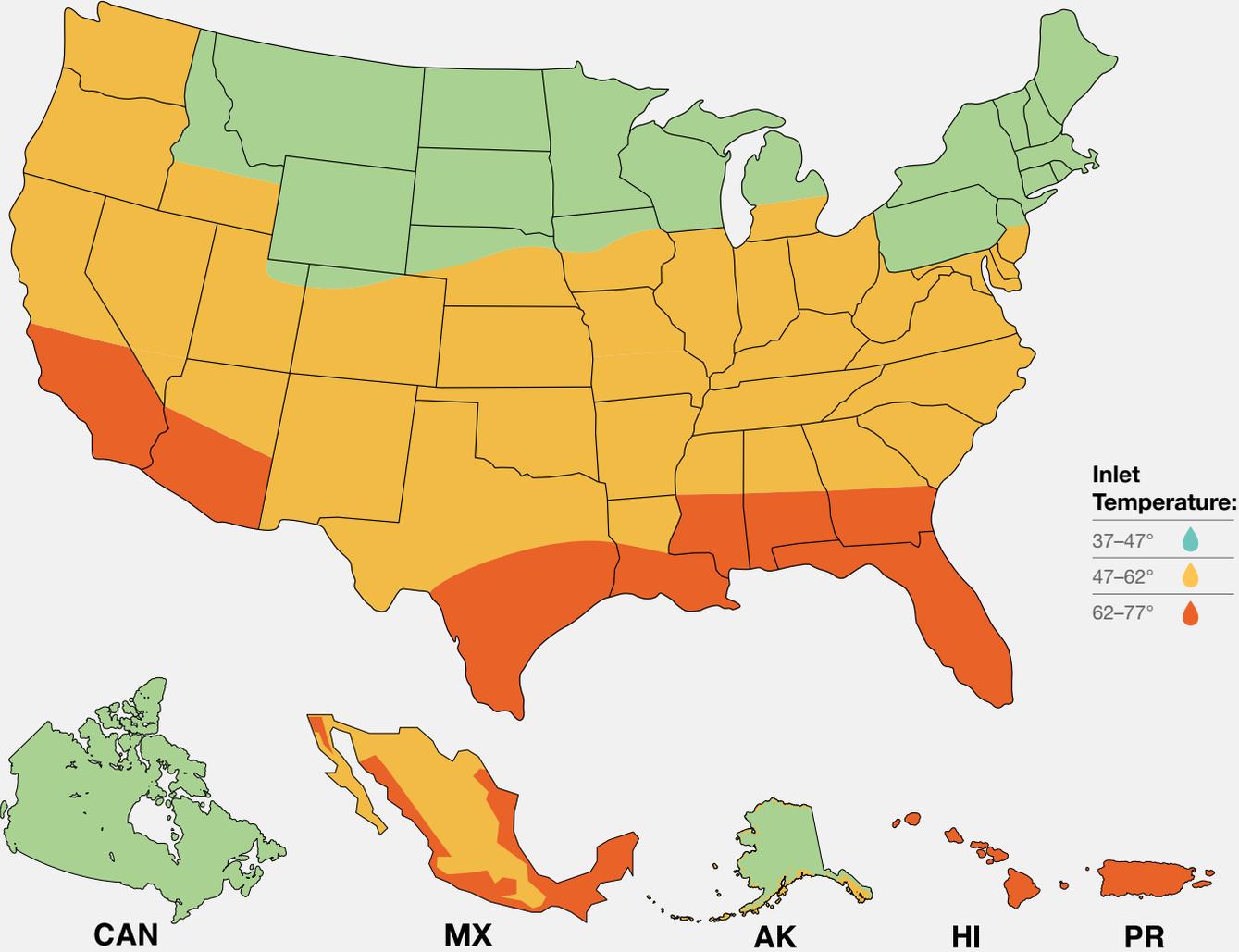
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# Selecting the Right Solution Is as Easy as 1, 2, 3

**1 Identify** customer location on the map and respective inlet temperature



# HELP YOUR CUSTOMERS START SAVING TODAY

Learn more at [Rheem.com/Proterra](http://Rheem.com/Proterra) or ask your local distributor



**2 Assess** your customer's hot water usage based on the number of back-to-back showers

**3 Determine** the best model for your customer based on their usage and inlet temperature from step 1

## MODEL, INLET TEMPERATURE AND APPROXIMATE USAGE CHART

### 15 AMP Models Without LeakGuard™

		Inlet Temperature 37-47°	Inlet Temperature 47-62°	Inlet Temperature 62-77°
Models rated at:	Model #	Approximate Usage	Approximate Usage	Approximate Usage
40 Gallon	PROPH40 T2 RH375-15	3 showers	5 showers	7 showers
50 Gallon	PROPH50 T2 RH375-15	3 showers	5 showers	7 showers
65 Gallon	PROPH65 T2 RH375-15	4 showers	6 showers	8 showers
80 Gallon	PROPH80 T2 RH375-15	5 showers	7 showers	9 showers

### USAGE KEY



**Shower**  
Flow rate of 2.5 GPM

**Inlet Temperature:**  
The temperature of cold water before it enters your water heater.

**Approximate Usage:**  
120°F and shower temperature of 105°F. Flow rates vary depending on temperature of incoming cold water and water heater set temperature.

### 30 AMP Models With LeakGuard™

		Inlet Temperature 37-47°	Inlet Temperature 47-62°	Inlet Temperature 62-77°
Models rated at:	Model #	Approximate Usage	Approximate Usage	Approximate Usage
40 Gallon	PROPH40 T2 RH375-SO	4 showers	6 showers	8 showers
50 Gallon	PROPH50 T2 RH375-SO	4 showers	6 showers	8 showers
65 Gallon	PROPH65 T2 RH375-SO	5 showers	7 showers	9 showers
80 Gallon	PROPH80 T2 RH375-SO	6 showers	8 showers	10 showers

**NOTE:** Number of showers indicates how many eight-minute showers can be delivered back-to-back.

# Rheem® Prestige® Series

High-Efficiency Residential Hybrid Electric Solutions

## EASY TO INSTALL

- **Fits More Applications** Our models are duct-ready, with zero clearance requirement, a great option for homes with less space. These models are ready for flexible or rigid duct to be installed directly to available intake and exhaust duct adapters.
- **Convenient Design** All serviceable parts and condensate line are on the front of the unit, making service and installs easy. Two-side shipping, which means it can be laid horizontally, so it's easy to get the unit to the installation location.
- **Perfect for Replacement** Features one-button start-up verification to ensure the heater is up and running and is the same size as standard electric water heaters of like capacities.



Description	40 Gallon	50 Gallon	65 Gallon	80 Gallon
<b>15 AMP</b>	PROPH40 T2 RH375-15	PROPH50 T2 RH375-15	PROPH65 T2 RH375-15	PROPH80 T2 RH375-15
<b>30 AMP</b>	PROPH40 T2 RH375-SO	PROPH50 T2 RH375-SO	PROPH65 T2 RH375-SO	PROPH80 T2 RH375-SO



Electric Breaker Size	15 AMP				30 AMP			
Gallon Capacity	40	50	65	80	40	50	65	80
UEF First Hour Rating (Gallons)	46	52	54	67	60	67	75	87
UEF	3.45	3.75	3.55	3.70	3.75	3.85	4.00	
Est. Yearly Energy Cost	\$78	\$104	\$110	\$105	\$104	\$155	\$149	
Compressor BTUh	4200							



Description	Height	Diameter	Unit Weight (lbs)	Approx. Ship Weight (lbs)
40 Gal	62-5/16"	20-1/4"	157	174
50 Gal	61-3/4"	22-1/4"	178	218
65 Gal	64-3/16"	24-1/4"	225	262
80 Gal	74-3/16"	24-1/4"	244	281

## SEE THE SAVINGS

Added smart features like Energy Saver and Vacation setting<sup>1</sup>, plus energy cost savings and rebate incentives all add up for a quick payback and big savings for homeowners.<sup>2</sup>

<sup>1</sup>Actual savings depend on number of days vacation setting is used. <sup>2</sup>Based on the comparison of a Rheem Hybrid Electric model to a standard electric water heater of like capacity with minimum efficiency. Payback based on average retail cost difference less available rebates and annual operating costs savings.

# Rheem® *Prestige*® Series

High-Efficiency Residential Hybrid Electric Solutions



## PROFESSIONAL *PRESTIGE* PROTERRA HYBRID

The Rheem *Prestige* Series Hybrid Water Heater is the most efficient water heater available on the market, saving customers up to \$4,910 over 10 years.<sup>1</sup>

- 1 A fan pulls air through the upper intake port
- 2 Air entering the upper intake port passes through a filter
- 3 Eco-friendly refrigerant absorbs heat
- 4 A compressor pumps heated refrigerant to the condenser
- 5 Heat is transferred to the water in the tank
- 6 Condensate is routed away from the unit

<sup>1</sup>Based on estimated annual operating cost savings of the 40, 50, 65 and 80-gallon hybrid electric models compared to a standard electric water heater of like capacity with minimum efficiency.



## THE RHEEM ADVANTAGE

### SMART. SUSTAINABLE. SAVINGS.

**SAVINGS** Up to 4.00 UEF and features that deliver long-term savings

**SMARTEST** Exclusive Water Leak Detection and Prevention System, other protective service alerts and maintenance reminders are delivered to your phone for added peace-of-mind<sup>1</sup>

**SUSTAINABLE** Reduces carbon footprint with a 75% reduction in energy use<sup>2</sup> minimizing your impact on the environment

**CONTROL FROM YOUR PHONE** Control temperature, adjust mode, view energy usage and know immediately about leaks and service alerts from anywhere with built-in EcoNet WiFi Technology and the EcoNet App<sup>3</sup>

**KEEP HOT WATER FLOWING** Know when an element needs to be replaced or when the unit itself is nearing the end of its useful life so you're never without hot water

### MODES TO FIT YOUR HOT WATER NEEDS

Schedule set point and choose from five operation modes to adjust to your lifestyle all from the EcoNet App: Energy Saver, Heat Pump, Electric, High Demand, Vacation

**CONVENIENT SCHEDULING TO FIT YOUR LIFESTYLE** Schedule tank temperatures to match your family's typical hot water needs for greater energy savings

**PROTECT YOUR HOME** LeakGuard™ Auto Water Shut-off Valve protects your home from potential water damage

**ELIMINATE THE SURPRISE OF NO HOT WATER** Built-in LeakSense™ Leak Detection system detects any leak—large or small, internal or external—in as little as 15 seconds<sup>4</sup>

**AVOID COLD SHOWERS** Know you have enough hot water via the Hot Water Availability Indicator in the EcoNet App

<sup>1</sup>Leak detection and leak protection built in for Premium Hybrid models only. Leak detection and leak protection available as accessory for Plus models. Leak detection available as accessory for Builder models. Note: Leak detection and leak prevention add-on accessories operate differently than built-in features of Premium models. <sup>2</sup>Based on comparison of a 50-gallon Rheem Hybrid and a standard electric tank with minimum efficiency. <sup>3</sup>WiFi broadband connection and EcoNet App required; notifications are dependent on external factors beyond Rheem's control. <sup>4</sup>Applies to Premium Hybrid models only. Water leaks from the heater only, as tested across scenarios including a minimum of 5.5mL/hr volume leak rate, using most common installation scenarios.

# Rheem® Light Duty Commercial Hybrid Electric

## GET THE SMARTEST, MOST EFFICIENT ELECTRIC WATER HEATER IN ITS CLASS. AVAILABLE IN 40- 50-, 65- AND 80- GALLON MODELS

- Delivers more hot water per hour than most standard electric water heaters
- Eligible for national utility rebates and grid-enabled
- High efficiency, up to 4.00 UEF
- Electrical wiring
- 27 GPH recovery capacity

## EASY TO INSTALL & SERVICE

- Easily replaces a standard electric water heater
- Duct ready – inlet and exhaust
- Easy access to side connections and quick access to electrical junction box
- 3/4" NPT water inlet and outlet; 3/4" condensate drain connections
- Easily accessible, top-mounted washable air filter
- Enhanced-flow brass drain valve

## BUILT-IN PROTECTION & INTELLIGENCE

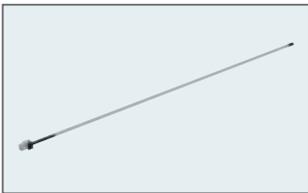
- Integrated WiFi<sup>1</sup>
- LeakGuard™ and LeakSense™ accessory ready
- EcoNet® Smart Monitoring System, providing energy reports and system alerts to your mobile phone
- Various energy efficient operating modes
- Built-in CTA-2045 port

<sup>1</sup>WiFi broadband Internet connection and EcoNet® App required; Notifications are dependent on external factors beyond Rheem's control.





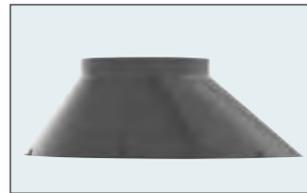
# Accessories



**Leak Sensor** – Automatic detection of internal and external leaks



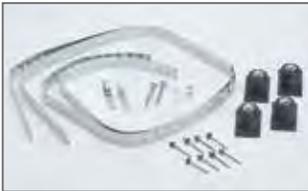
**Shutoff Valve** – Automatic shut off of water supply to unit



**Inlet Duct Adapter** – Allows for ducting to be connected on the top inlet



**Outlet Duct Adapter** – Allows for ducting to be connected to the unit



**Earthquake Isolation Kit** – Installations in seismic regions



**Vibration Isolation Kit** – Installation on non-concrete floors



**8" Diameter UL Certified Termination Kit** – Termination to the outside or to the attic with 8" diameter



**7" Diameter UL Certified Termination Kit** – Termination to the outside or to the attic with 7" diameter



**6" Diameter UL Certified Termination Kit** – Termination to the outside or to the attic with 6" diameter



**5" Diameter UL Certified Termination Kit** – Termination to the outside or to the attic with 5" diameter



**8" Rheem Approved Damper Kit** – Exhaust only to the outside ducting configuration (no inlet duct)



**25' Flexible 8" Diameter Duct Kit** – For up to 25' of ducting



**Rigid Elbow Duct Kit** – Installation in tight places where space needs to be minimized

**UPGRADE KIT (for ProTerra models without LeakGuard only) – Add leak detector and shutoff valve to protect from water damage**



**Leak Sensor & Shutoff Valve Kit** – Upgrade ProTerra 15 and 30 Amp models to protect your customers home from water damage with leak detection and auto shutoff valve

# Financing & Support



## INCREASE SALES WITH CONVENIENT CREDIT OPTIONS

The Rheem® *KwikComfort*® *Financing* suite of programs is designed to do one thing: help you increase sales by making it even easier for your customers to get their new Rheem Water Heating system. It includes features and benefits that will appeal to you and your customers. Three different *KwikComfort Financing* programs are available:



**Residential KwikComfort Financing**—via Synchrony Bank—helps homeowners purchase Rheem equipment on a budget-friendly payment plan—which allows you to increase sales, sell larger projects, broaden your customer base and create repeat business. Plus, Rheem and Synchrony offer:

- Training for selling based on customer needs
- Instant online application and a convenient payment estimator tool
- Reporting tools to track applications and billing, making financing easy



**Residential KwikComfort Second Look Financing**—via Fortiva™ Retail Credit—lets you offer financing to credit-challenged homeowners turned down by a primary lender. So, more customers can purchase Rheem products—plus, pay for additional repairs, product upgrades and services, helping you:

- Increase sales opportunities
- Sell larger purchases and upgrades
- Attract customers and create repeat business



**Commercial KwikComfort Financing**—via Fernwood Capital™ & Leasing—provides financing options for business owners and national accounts, so you can:

- Increase sales with more affordable equipment
- Improve rate of repeat business
- Receive faster payment to your company
- Increase profits by selling monthly payments, not total cost





### CONTACT US

Customer Service, Warranty, Parts.....800.621.5622  
 Plumber Business Support..... 866.339.2388  
 EcoNet® Technical Support..... 800.255.2388  
 Technical Service.....800.HEATER3  
 (800.432.8373)

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**Rheem.com/Hybrid**  
 or see your local distributor.

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



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