Rheem Smart Electric Water Heaters

WITH DEMAND RESPONSE

SMART
PROTECTION

SMART
DETECTION

SMART
OPERATION

Demand Response Program Ready

Prestige® **Smart
Electric Water Heater**
with LeakGuard™
and Demand Response

Classic Plus® **Smart
Electric Water Heater**
with LeakSense™
and Demand Response

Rheem.com/SmartElectric

Rheem® Smart Electric Water Heaters with Demand Response

SAVES ENERGY. HELPS PROTECT THE HOME.

Introducing the Rheem® demand response-ready, easily grid-connected Smart Electric Water Heaters. Homeowners and utility providers both benefit from optimized energy usage and demand management to lessen the strain on the energy grid—and the environment.

The unmatched Rheem® Smart Electric Water Heaters are full of built-in smart features to help prevent cold showers, alert homeowners to issues before there's no hot water and protect your customer's home from potential water damage! Plus, they're like-for-like replacements, and they're easy to install and service.

RHEEM *PRESTIGE*® SERIES SMART ELECTRIC WATER HEATER WITH DEMAND RESPONSE.

SMART **PROTECTION**

LeakGuard™ Protection
Help homeowners protect their homes from potential water damage with **automatic water shut-off**[2]

SMART **DETECTION**

Built-in 360° LeakSense™ Leak Detection
Alerts homeowner about a leak before there's no hot water with a built-in leak detection system that detects any leak—large or small, internal or external[3]—in as little as 15 seconds[4]

Hot Water Availability Indicator – Allows the homeowner to check if they have enough hot water before they jump in the shower via the EcoNet App[5]

Element Health Indicator – Informs your homeowner if an element—and specifically which element—needs to be replaced so they can schedule a service call, eliminating the emergency[5]

SMART **OPERATION**

Built-in EcoPort (CTA-2045 Port)
Connects to the electric grid to optimize energy usage and savings

Built-in EcoNet WiFi Technology
Homeowners can enjoy complete control—adjusting water temperature and tracking energy usage to setting Vacation / Away Mode[5]

Set Vacation or Away Mode – Homeowners can safely save energy and water heating costs while away and return home to a tank full of perfectly hot water

Water Temperature Control – Enable homeowners to effortlessly adjust water set temperature to balance hot water needs via the EcoNet App or hands-free voice control with Amazon Alexa or Google Home[5]

EASY TO INSTALL. EASY TO SERVICE.

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 channel—360° protection, all from the front of the tank

Diagnostic Mode – Allows you to view diagnostic information via the Rheem Contractor App[6] or EcoNet® App[5] while at the water heater to expedite service

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

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

Element Health Indicator – Homeowners learn if an element is failing so you can proactively replace it before it becomes a problem[5]

Integrated EcoNet Monitoring with WiFi – Receive immediate notification of leaks and service needs through a mobile device via the EcoNet App[5]

	Rheem® *Prestige*® Smart Electric Water Heater with LeakGuard™	Rheem® *Classic Plus*® Smart Electric Water Heater with LeakSense™
Size (Nominal Gals.)	40, 50 or 55	40, 50 or 55
Dual Stainless Steel Heating Elements (Watts)	4500 or 5500	4500
Built-in Demand Response Ready Port	✔	✔
Fully integrated EcoNet WiFi Technology	✔	✔
Built-in Leak Detection	✔	✔
Built-in LeakGuard Auto Water Shut-off Valve	✔	✘ LeakGuard Kit Sold Separately (Part# SP21164)
Warranty	12 Year Limited Tank & Parts	8 Year Limited Tank & Parts (Upgradeable to 12 years for tank with Protection Plus® Kit)

For more information, visit **Rheem.com/SmartElectric**

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WITH DEMAND RESPONSE

What Are Demand Response Programs?

Utility programs and regulations are driving customer participation in demand response programs to reduce energy demand during peak usage hours. This enables utilities to supply continuous and reliable power for homes and buildings.

With permission, a 3rd-party communication module is installed in the water heater's EcoPort (CTA-2045 port). This allows the utility to adjust the water heater's electricity usage, reduce energy demand during peak periods and reduce CO_2 emissions. Built-in demand response saves money on energy bills by reducing usage during peak energy-demand hours. Plus, homeowners can take advantage of utility demand response program incentives and rebates.[7]

TOP VIEW OF PORT

EcoPort (CTA-2045 port) – This device allows your utility to connect to your water heater.

[1]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. [2]LeakGuard is built-in for Rheem® Smart Electric Water Heater with LeakGuard models and available as an upgrade kit for Rheem® Smart Electric Water Heater with LeakSense models. [3]Water leaks from the heater only, as tested across scenarios including a minimum of 5.5mL/min volume leak rate, using most common installation scenarios. [4]Source: Rheem® Leak-Sensing Data: Time starts when leak begins and ends when sensor alarm is triggered. [5]WiFi 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. [6]WiFi broadband connection and Rheem® Contractor App required; connection between water heater and app dependent on external factors beyond Rheem's control. [7]Offered cost saving incentives vary by utility company. Check with your utility to learn the benefits of participating in a demand response program.

Contact Us

Customer Service, Warranty, Parts
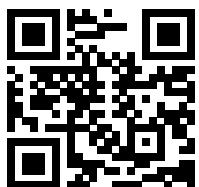800.621.5622

Plumbing Support Team
866.339.2388

EcoNet® Technical Support
800.255.2388

Technical Service
800.HEATER3 (800.432.8373)

Visit us online at
Rheem.com/SmartElectric
or see your local distributor.

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