Encore®

Encore Smart Electric Water Heater with LeakGuard™

BUILT-IN AUTO SHUT-OFF VALVE

LEAKGUARD™ PROTECTION

THE POWER TO *PROTECT*

BUILT-IN WIFI

ECONET® WIFI CONNECTION

THE POWER TO *CONTROL*

BUILT-IN LEAK DETECTION

LEAKSENSE™ DETECTION

THE POWER TO *KNOW*

Encore® **Smart Electric Water Heater with LeakGuard**™
40-, 50- and 55-Gallon Capacities

Richmond®
The Water Heater Experts™

Meet the Powerful, Easy-to-Install Smart Electric Water Heater with LeakGuard™

The unmatched Richmond *Encore* Smart Electric with LeakGuard™ gives more than hot water—it gives power. It's full of built-in smart features to help prevent cold showers, alert homeowners of issues before there's no hot water and protect your customer's home from potential water damage. Plus, it's a like-for-like replacement, and it's easy to install and service.

THE POWER TO *CONTROL*

**Built-in EcoNet®
WiFi Technology**
Allow your homeowners to control and optimize their water heater experience from their phone[1]

THE POWER TO *PROTECT*

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

THE POWER TO *KNOW*

LeakSense™ Detection
Detect any water leak—large or small, internal or external[2]


The More You *KNOW*

Knowledge is power. With integrated WiFi and the EcoNet® App, homeowners can avoid cold showers, know before they have no hot water and know when their water heater needs service. It's all possible with the Smart Electric with LeakGuard.
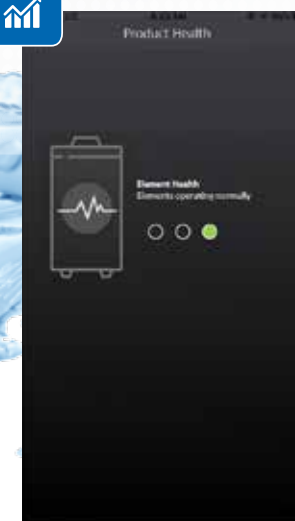
KNOWLEDGE IS POWER

Built-in 360° LeakSense™ Leak Detection
Alerts homeowner about a leak with a built-in water leak detection system that detects any leak—large or small, internal or external—in as little as 15 seconds[3]
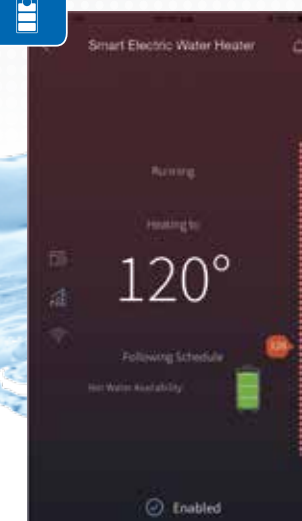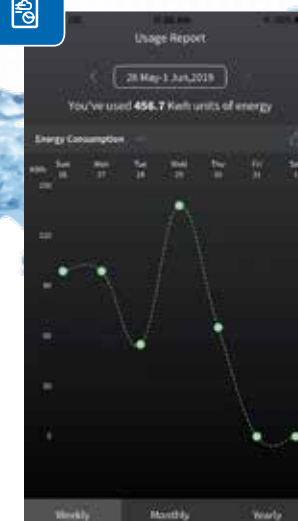
Hot Water Availability Indicator
Allows the homeowner to check if they have enough hot water to avoid cold showers[1]

Element Health Indicator
Informs your homeowner if an element—and specifically which element—needs to be replaced so they can schedule a service call

Energy Usage Tracking
Enables the homeowner to view weekly, monthly and yearly energy usage reports to better manage consumption[1]

Mobile Alerts
Notifies the homeowner immediately of leaks and service needs through the EcoNet App[1]
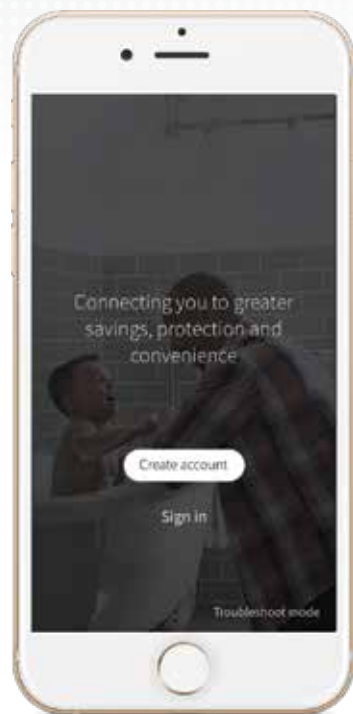
Put Your Clients in *CONTROL*

With built-in smart features, you can provide your homeowners with more control over their water heater experience.

SMART CONTROLS

Built-in EcoNet® WiFi Technology

Allows homeowners to enjoy complete control, like adjusting water temperature and setting Vacation / Away Mode[1]

Download on the App Store

GET IT ON Google Play

Water Temperature Control

Enables homeowners to effortlessly adjust water set temperature to balance hot water needs via the EcoNet App
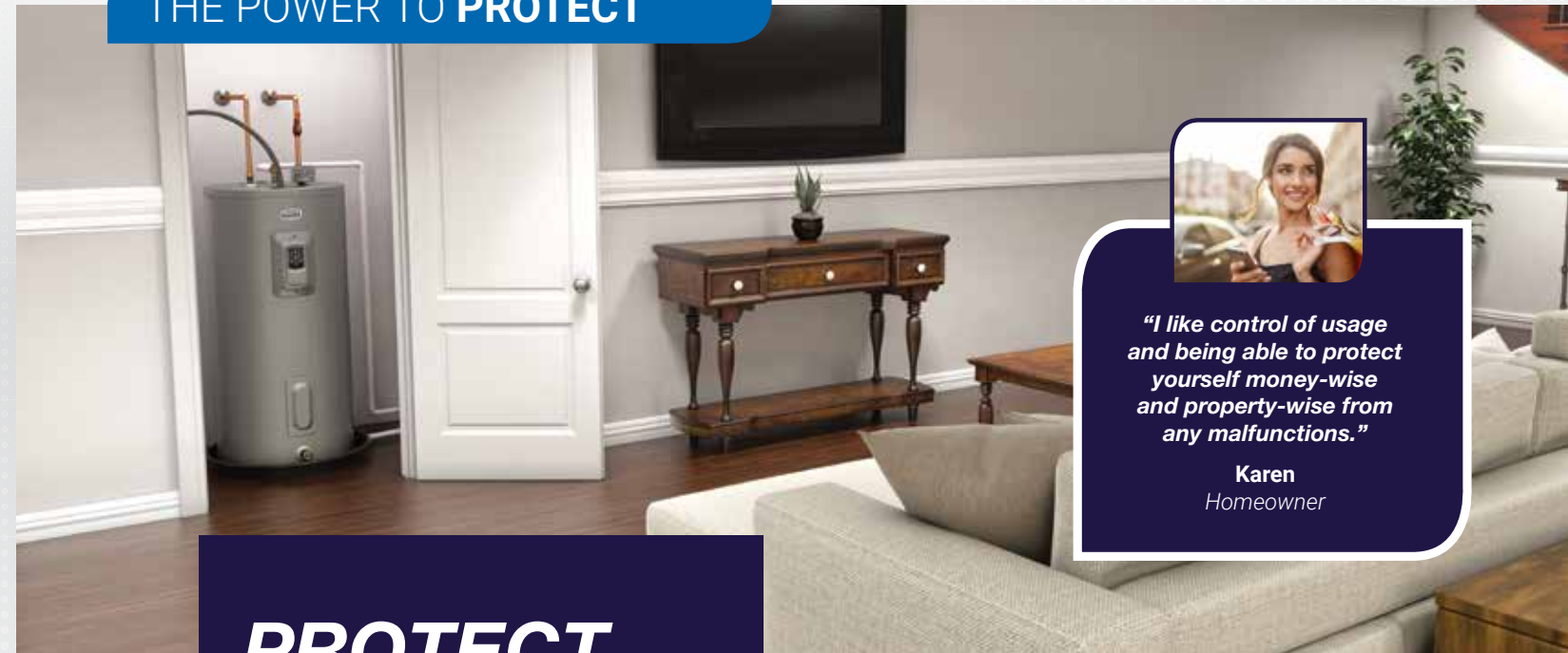
Set Vacation or Away Mode

Lets homeowners safely save energy on water heating costs while away
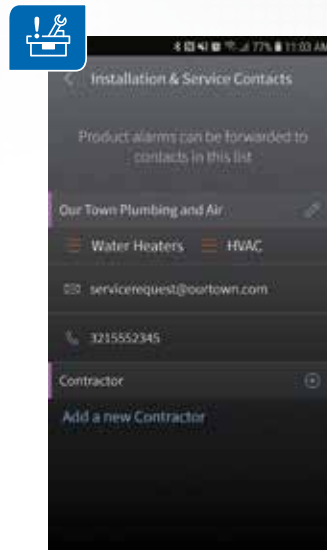
Contact Info in the App

Helps you connect with customers by giving them an easy way to reach and share codes with you for repeat business and simpler service calls

"I like control of usage and being able to protect yourself money-wise and property-wise from any malfunctions."

Karen
Homeowner

PROTECT Their Homes

Encore Smart Electric with LeakGuard features an all-inclusive leak prevention system that quickly detects water leaks, shuts off incoming water and limits the amount of water that could escape the tank.

PROVIDE PEACE OF MIND

LeakGuard™ Auto Water Shut-off Valve

All-inclusive leak prevention system protects your customer's home from potential water damage

Prevent up to $4,000 in Home Damage

Water heater failures cost an average of $4,000 per incident after the deductible is paid. With *Encore* Smart Electric with LeakGuard, you can help your clients feel safe and save money[4]

Detect Leaks in 15 Seconds

Encore Smart Electric with LeakGuard detects leaks in less than 15 seconds[3] and alerts homeowners

Limit Leaks to <20 oz.

LeakGuard protects your homeowners' belongings by limiting leaks to no more than 20 ounces[5]

"It gives you the benefit of knowing…you don't have to worry…"

Spencer
Plumber

Richmond Makes It Easy

Feel confident selling *Encore* Smart Electric with LeakGuard 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.

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

EASY TO SELL, EASY TO INSTALL, EASY TO SERVICE

Built-in Premium Features
Save yourself time with built-in leak detection, automatic water shut-off valve and WiFi control[6]

Diagnostic Mode
View detailed alerts and alarm codes while at the water heater via the Contractor App to expedite service[7]

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

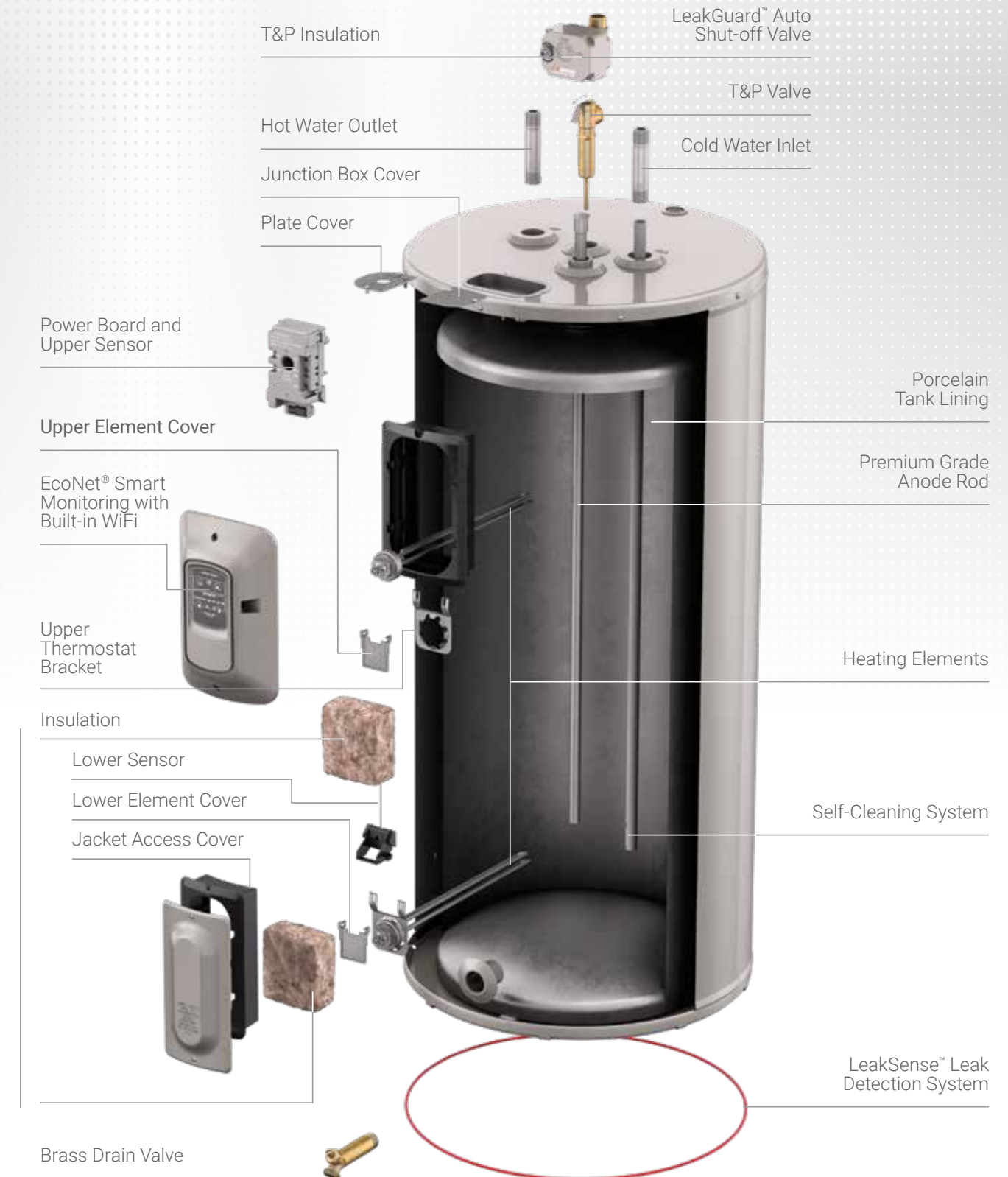**12 / 2 Best-In-Class Warranty**
Deliver peace-of-mind with 12-year limited tank and parts warranty and 2-year full in-house labor warranty[8]

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

Designed for the End User and You

Richmond®
The Water Heater Experts™

- T&P Insulation
- LeakGuard™ Auto Shut-off Valve
- T&P Valve
- Hot Water Outlet
- Cold Water Inlet
- Junction Box Cover
- Plate Cover
- Power Board and Upper Sensor
- Porcelain Tank Lining
- Upper Element Cover
- Premium Grade Anode Rod
- EcoNet® Smart Monitoring with Built-in WiFi
- Upper Thermostat Bracket
- Heating Elements
- Insulation
- Lower Sensor
- Lower Element Cover
- Self-Cleaning System
- Jacket Access Cover
- LeakSense™ Leak Detection System
- Brass Drain Valve

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Smart Electric with LeakGuard Specifications

DESCRIPTION				FEATURES		ROUGHING IN DIMENSIONS (SHOWN IN INCHES)					ENERGY INFO.	
TYPE	NOMINAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	RECOVERY IN G.P.H. 90° F RISE	FIRST HOUR RATING G.P.H.	TANK HEIGHT A	HEIGHT TO OUTLET WATER CONN. B	HEIGHT TO INLET WATER CONN. C	DIAMETER D	APPROX. SHIP WT. (LBS.)	UNIFORM ENERGY FACTOR (UEF)	ESTIMATED YEARLY ENERGY COST
Tall	50	45	12E50-DCS	25	63	58-3/8	61-5/8	63-5/8	20-1/4	123	0.92	$424
Tall	55	55	12E55-DCS	25	72	57	59-3/4	61-3/4	22-1/4	130	0.92	$424
Med.	40	36	12EM40-DCS	25	55	48-3/8	50-1/2	52-1/2	20-1/4	108	0.93	$419
Med.	50	45	12EM50-DCS	25	63	48	50-1/2	52-1/2	22-1/4	129	0.92	$424

LEED Point = 1

Uniform Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements.

• Heaters furnished with standard 240 volt AC, single phase non-simultaneous wiring, and 4500 or 5500 watt upper and lower heating elements.

*Recovery = wattage/2.42 x temp. rise °F
Example: 5500W = 25 GPH
2.42 x 90°

**Recovery calculations used are based on 5500 watt elements used in non-simultaneous operation.

HOT WATER CONNECTION — 8" — COLD WATER CONNECTION

ANODE ROD

B A D C
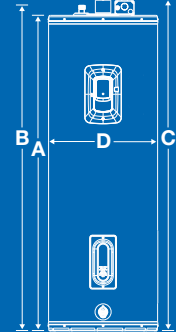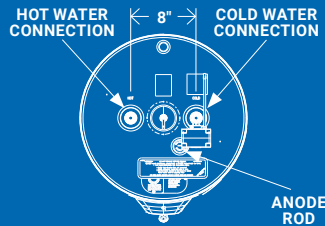
WATER CONNECTIONS ALL 3/4" N.P.T.

CONTACT US

Customer Service, Warranty and Parts: 800.621.5622

Technical Service: 800.HEATER3 (800.432.8373)

EcoNet® **Support:** 800.255.2388

Plumber Support Group: 866.339.2388