ESSENCY | EXR
HOT WATER INNOVATIONS

125

Designed to Last
A water heater that will grow up with you

80-Gallon FHR
Outstanding performance and award-winning innovation

30+ Year Lifespan
The tank that doesn't act like a tank

"So easy to install. And my back is loving it too! Great product."
– Geter Lankford, Preferred Home Services

BUILT TO LAST
Materials Make the Difference

30+ Year Lifespan
Double-wall unpressurized polymer tank means no scaling, corrosion or rust, even in poor water conditions.

Repairable Design
Low-to-no homeowner maintenance and parts are replaceable due to normal wear.

20-Year Leak-Proof Transferable Warranty
Registered units are guaranteed against leaks for 20 years, even if the home is sold.

DESIGNED TO PERFORM
High-Capacity Electric Heater

80-Gallon FHR in Standard Footprint
Intelligent temperature control offers homeowners up to 7 back-to-back showers.

Automated Software Updates
Online access keeps the EXR system up-to-date with the latest enhancements for smooth and worry-free performance.

Integrated Leak Detection
Built-in leak detection system reports any leak before it can become a problem.

EASY TO INSTALL
Emergencies Averted

Simple & Straightforward
With rare exceptions, no infrastructure changes required. The EXR is as plug-and-play as it gets.

90-Minute, One-Pro Installation
Super lightweight 100-pound design with ergonomic side-grip handles.

Essency Pro App
Guides and verifies perfect installation so all you need is a screwdriver, a wrench, and your mobile device.

"The technological advancement of the Essency water heater sets it apart from any other water heater on the market."

– Logan Brown, Travis Crawford Heating Cooling and Plumbing

ESSENCY EXR
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PROMISE

0 Infrastructure Upgrade Costs
No panel upgrades, ducting, core-drilling, or punching through the roof to give your clients the latest and greatest in innovative water heating technology.

20-Year Leak-Free Guarantee
Fully-transferrable Warranty.

100-Pound Back-Friendly Plug and Play Installation
Super lightweight with molded side-grip handles for convenient maneuverability.

IT'S WHAT'S INSIDE THAT COUNTS

Temperature Stability | No more guessing at temperature settings. Set it at 115°, get 115°. Period.

Auto-Fill | Flip the switch and this bad boy does all the work. Press "FILL" on the touch screen and this solenoid starts the process automatically.

Built-in Dryfire Protection | Elements won't turn on until the tank is full up to this level. Nice.

Auto-Heat | Elements activate automatically, as part of the auto-fill process.
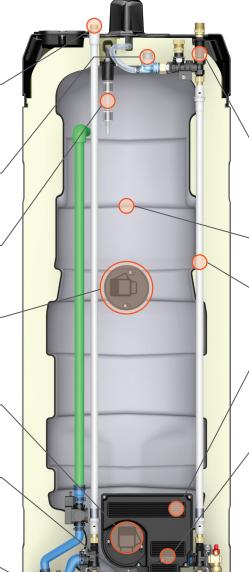
Titanium Elements | A key component to product's longevity, elements are thermally-fused and can be replaced when needed.

Oversized Heat Exchanger | Equivalent capacity to a 230,000 BTU tankless.

High Performance | Several onboard sensors deliver best-in-class 80-gallon First Hour Rating, Superior Flow Rates and Fast Recovery.

patented & patent pending

Easy Installation & Set-Up | No relief valve or expansion tank. Unpressurized, atmospheric tank minimizes evaporation.

Flow-Activated | Outperforming others in its class, our flow meter delivers high-capacity hot water with a sneaky surprise Leak Detection feature.

Low-Maintenance | No anode rod or dip tube.

Clean, Fresh Water | NSF-certified water components and stainless-steel heat exchanger keep hot water as fresh as cold water.

Efficient | 0.93 UEF. Saves energy by using high-performance foam insulation and activating elements only when absolutely necessary.

Freeze Protection | Lithium-ion battery provides freeze protection & allows for hot showers during a power outage.

Smart Grid-Enabled Model (EXR-D) Now Available

Ask us if you're in CA, OR, WA, CO or other states where "Demand Response" programs are offered by your utility provider.

Stay Connected, Stay Smart

With the **MyEssency app**, owners can custom tune their hot water usage no matter where they are, allowing for peace of mind and maximized energy savings.

Boost Mode unlocks extra hot water capacity when seven back-to back showers might come in handy. In-laws visiting?

Vacation Mode switches EXR to low energy consumption mode, keeping freeze prevention and battery backup.

Water Saver Mode for additional water and energy savings when they won't get out of the shower.

Scan code to request Pro Installer training and placement on Essency's Dealer Locator.

Product Specifications

Dimensions	Net Weight	Electrical Circuit Sizing	Element Wattage	Connection Sizes	Operating Water Pressure	Installation Location	Uniform Energy Factor	Rated Capacity
22" x 26" x 65"	100 lbs	240V/60Hz/25A	4500W	3/4" (MNPT)	145 psi max	Indoor Only	0.93	55 Gal

EXR vs. Leading Electric Tank Water Heaters

Features	Essency EXR (Smart / Heat+)	55 Gal Competitor A	85 Gal Competitor B
Wattage	4500W	4500W	4500W
Nominal Capacity	55	55	85
Rated Capacity	55	55	Undisclosed
FHR: First Hour Rating (Gal)	80 / 100*	72	77
Single Shower Length (minutes)	65 / 70	55	59
Uniform Energy Factor (UEF)	0.93	0.92	0.92
Life Expectancy	30+ years	Undisclosed (US average for electric tank: 8-10 yrs)	"Lifetime" tank
Tank Material & Technology	Polymer tank with Heat exchanger	Steel enameled standard electric WH	Polymer standard electric WH
Smart Technology	Wifi + Smartphone App Smart Grid Ready Custom Modes	None	None
Elements	Titanium, thermally fused, upper & lower	Stainless steel	Stainless steel upper, titanium, thermally fused, lower
Leak Detection	Yes	No	No
Product Weight	100 lbs	128 lbs	134 lbs
Dimensions (inches)	22" W x 26" D x 65" H (fits through attic opening)	22.25" W x 22.25" D x 5 7" H	28.25" W x 25" D x 70.25" H

EXR vs. Leading Gas Tankless Water Heaters

	Characteristics	Essency EXR (Smart / Heat+)	Tankless Competitor A	Tankless Competitor B
Flow Rates	Flow Rate GPM@35F Rise	13 / 13.7	9.8	11.2
	Flow Rate GPM@45F Rise	10 / 10.5	8.5	8.7
	Flow Rate GPM@55F Rise	8 / 8.5	7	7.1
	Flow Rate GPM@65F Rise	6.5 / 7	5.8	6
	Flow Rate GPM@75F Rise	5 .4 / 5.8	5.1	5.2
	Maximum Temp (F)	140 / 140	120 to 140	140
	Min Activation Rate (G)	0.2 / 0.2	0.26	0.5
	BTUs**	216,000 / 230,000**	199,000	199,000

* 100-gallon equivalent obtained in Heat+ Mode when tested in similar conditions as the standardized FHR test
** Equivalent BTU

Certifications • UL-174 certified • Lead-free compliant • FCC compliant

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