

Friedrich® Smart Electric Water Heater

Smart Detection, Smart Operation and Smart Protection



LEAKGUARD™
PROTECTION

BUILT-IN AUTO
SHUT-OFF VALVE



POWERED BY
ECONET® TECHNOLOGY

BUILT-IN
WI-FI



LEAKSENSE™
DETECTION

BUILT-IN
LEAK DETECTION

Friedrich H-Series™
Smart Electric Water
Heater With LeakGuard

Friedrich F-Series Plus™
Smart Electric Water
Heater With LeakSense



FRIEDRICH

Friedrich.com/WaterHeating

WHY THIS MODEL

Smart Water Heater. Smart Choice for Homeowners.

The unmatched Friedrich® Smart Electric Water Heater is 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, it's a like-for-like replacement, and it's easy to install and service.

SMART OPERATION

Built-in Wi-Fi Powered by EcoNet® Technology

Allow your homeowners to control and optimize their water heater experience from their smartphone¹



SMART PROTECTION

LeakGuard™ Protection

Help homeowners protect their homes from potential water damage with **automatic water shut-off**²

SMART DETECTION

LeakSense™ Detection

Detect any water leak—large or small, internal or external³

PLUMBER FRIENDLY

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

Spencer
Plumber

Smart Electric Makes It **Easy**

Feel confident selling the Friedrich® Smart Electric Water Heater 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.



ADVANCED DIAGNOSTICS

View detailed alerts and alarm codes while at the water heater via the Friedrich Contractor App to expedite service⁵



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

▲ A112 Shutoff Valve Not Open: Heating Disabled	some time ago
▲ A111 Shutoff Valve Test Open Error	some time ago
▲ A025 No Blower RPM feedback	some time ago
Smart Thermostat	
▲ Smart Thermostat A956_O Suction Pressure Sensor Failure	some time ago
▲ Smart Thermostat A953_O Evap Temp Thermistor Failure	some time ago

TWO MODELS, ONE EASY SALE.

- H-Series™ Smart Electric Water Heater with LeakGuard™ (12-year warranty)⁴
- F-Series Plus™ Smart Electric Water Heater with LeakSense™ (8-year warranty)⁴
 - LeakGuard Kit to add leak protection to F-Series Plus models
 - Protection Plus® Kit to add 4 years of warranty to F-Series Plus models



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



Built-in Wi-Fi **POWERED BY ECONET® TECHNOLOGY¹**

With built-in smart features, you can provide homeowners with more control over their water heating experience. The EcoNet app allows homeowners to avoid cold showers, know before they run out of hot water and be alerted when their unit needs service. It's all possible with the EcoNet App and the Friedrich Smart Electric Water Heater.



NOTE: EcoNet App subject to change without notice.



THE SMARTER WAY TO BE IN CONTROL

With the Friedrich Smart Electric and EcoNet App, homeowners can:



Use the hot water availability indicator to check if they have enough hot water to avoid cold showers



Be alerted by the element health indicator if an element needs to be replaced so they can schedule a service call



View their weekly, monthly and yearly energy usage reports to better manage consumption



Be notified immediately of leaks and service needs



Effortlessly adjust water set temperature to balance their hot water needs



Set vacation or away mode to save on water heating costs while away



Access plumber contact info to easily reach and share codes with you for repeat business and simpler service calls



SMART PROTECTION

PROVIDE Peace of Mind

The Friedrich® Smart Water Heater 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.²



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

Karen
Homeowner



LeakGuard Auto Water Shut-off Valve

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



Prevent Home Damage

Water heater failures can cost homeowners even after the deductible is paid. With the Friedrich Smart Electric Water Heater, you can help your clients feel safe and reduce potential costs



Detect Leaks in 15 Seconds

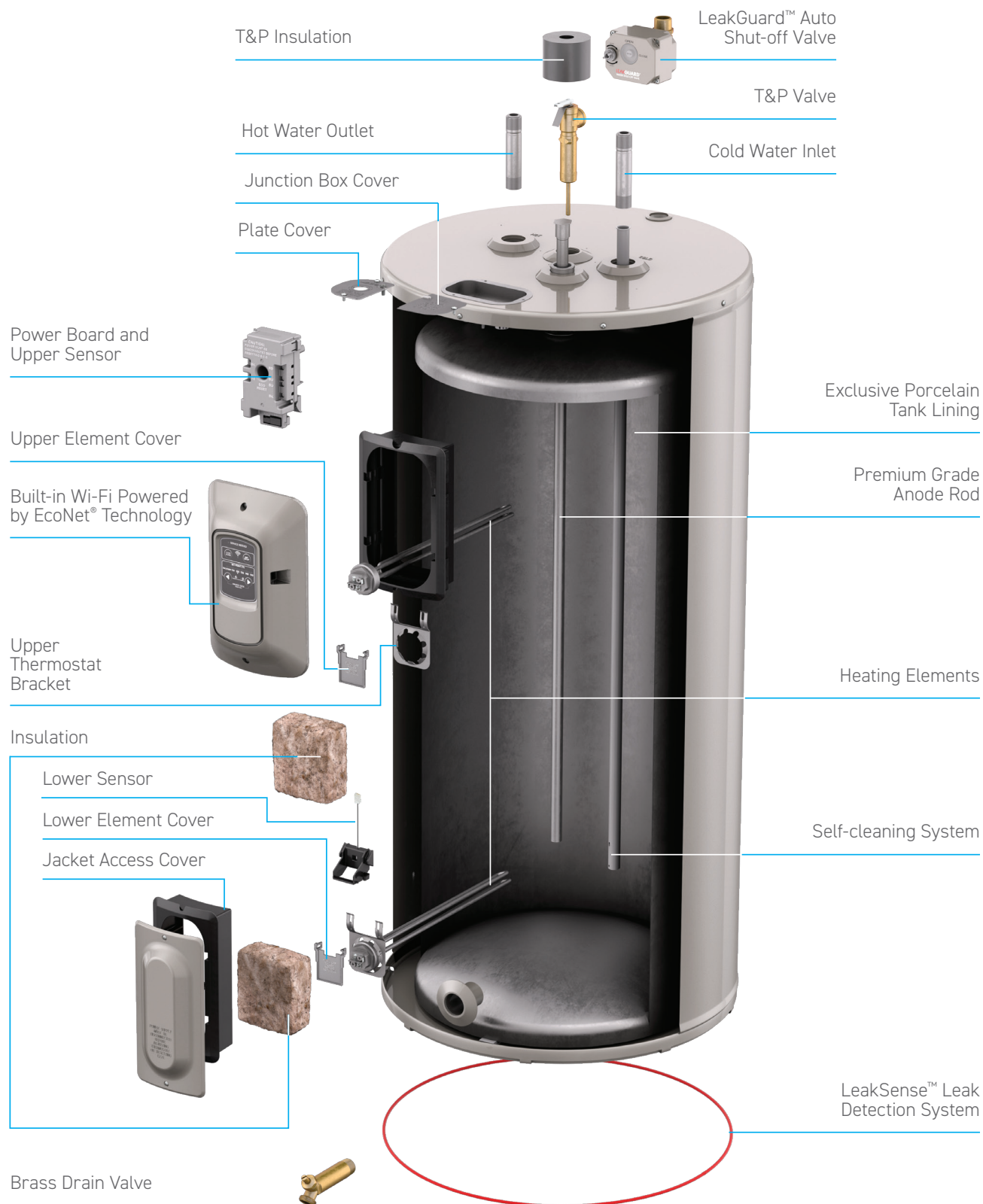
The Friedrich Smart Electric Water Heater detects leaks in less than 15 seconds³ and alerts homeowners



Limit Leaks to <20 oz.

LeakGuard protects your homeowners' belongings by limiting leaks to no more than 20 ounces⁷

Designed for the End User—and You



FRIEDRICH® SMART ELECTRIC WATER HEATER SPECIFICATIONS

DESCRIPTION				FEATURES		ROUGHING IN DIMENSIONS (SHOWN IN INCHES)					ENERGY INFO.
Type	Nominal Gallon Capacity	Rated Gallon Capacity	Model Number	UEF First Hour Rating G.P.H.	Recovery in G.P.H. 90° F Rise	Tank Height A	Ht. to Outlet Water Conn. B	Ht. to Inlet Water Conn. C	Diameter D	Approx. Ship WT. (LBS.)	Uniform Energy Factor (UEF)
H-SERIES™ SMART ELECTRIC WATER HEATER WITH LEAKGUARD™											
Tall	55	55	12PROE 55 T2 FD92 CS	74	25*	57	59-3/4	61-3/4	22-1/4	130	0.92
Tall	50	45	12PROE 50 T2 FD92 CS	63	25*	58-3/8	61-5/8	63-5/8	20-1/4	123	0.92
Medium	50	45	12PROE 50 M2 FD92 CS	63	25*	48	50-1/2	52-1/2	22-1/4	129	0.92
Medium	40	36	12PROE 40 M2 FD92 CS	55	25*	48-3/8	50-1/2	52-1/2	20-1/4	108	0.93
F-SERIES PLUS™ SMART ELECTRIC WATER HEATER WITH LEAKSENSE™											
Tall	55	55	8PROE 55 T2 FD92 CL	72	21	57	59-3/4	61-3/4	22-1/4	130	0.92
Tall	50	45	8PROE 50 T2 FD92 CL	63	21	58-3/8	61-5/8	63-5/8	20-1/4	123	0.92
Medium	50	45	8PROE 50 M2 FD92 CL	63	21	48	50-1/2	52-1/2	22-1/4	129	0.92
Medium	40	36	8PROE 40 M2 FD93 CL	55	21	48-3/8	50-1/2	52-1/2	20-1/4	108	0.93



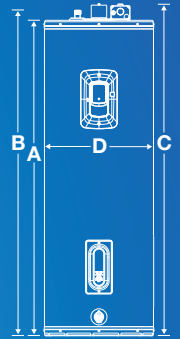
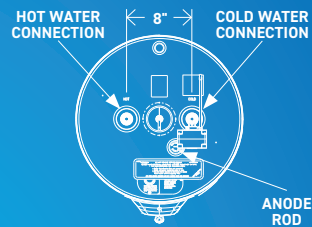
LEED
Point = 1

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

- H-Series models are furnished with standard 240 volt AC, single phase non-simultaneous wiring, and 5500 watt upper and lower heating elements.
- H-Series models are also available in 4500 watt upper and lower heating elements. If heating elements of different wattages than those shown are demanded, they must be specifically requested.
- F-Series Plus models are furnished with standard 240 volt AC, single phase non-simultaneous wiring, and 4500 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.



WATER CONNECTIONS
ALL 3/4" N.P.T.



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
Friedrich.com/WaterHeating
or see your local distributor.

¹Wi-Fi broadband connection and EcoNet App required; notifications are dependent on external factors beyond our control. EcoNet is a registered trademark of Rheem® Manufacturing company. ²LeakGuard is built-in for Friedrich Smart Electric Water Heater with LeakGuard models and available as an upgrade kit for Friedrich Smart Electric Water Heater with LeakSense models. ³Water leaks from the heater only, as tested across scenarios including a minimum of 5.5mL/min volume leak rate, using most common installation scenarios. ⁴See residential warranty certificate for complete information or view warranty details at Friedrich.com. ⁵Wi-Fi broadband connection and Friedrich Contractor App required; connection between water heater and app dependent on external factors beyond our control. ⁶Source: Rheem Leak-Sensing Data: Time starts when leak begins and ends when sensor alarm is triggered. ⁷Source: 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.

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© 2024 Rheem Sales Company, Inc. manufactures the Friedrich brand of water heaters. In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.

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