

## **H-Series with LeakGuard™ and Demand Response high efficiency electric water heaters are engineered for longer life and connection to utility demand response programs for energy savings**

### SMART TECHNOLOGY

#### LEAKGUARD™

- Integrated leak detection and prevention system with factory installed auto water shut-off valve limits leaks to no more than 20 ounces of water<sup>1</sup>
- LeakSense™ Built-in Leak Detection System detects any leak large or small, internal or external<sup>2</sup>



- Built-in Wi-Fi powered by EcoNet® technology for temperature control and immediate notification about leaks and service needs from anywhere<sup>3</sup>
- Know before hot water runs out with the Hot Water Availability Indicator in the EcoNet® app<sup>3</sup>
- Element Health Indicator shows exactly which element needs to be replaced and when<sup>3</sup>
- Demand response ready EcoPort (CTA-2045 port) is built in for easy connect to utility demand response programs

### EASY TO INSTALL AND SERVICE

- Diagnostic mode gives diagnostic info while at the water heater to expedite service<sup>4</sup>
- Durable brass drain valve helps drain the tank faster to reduce time on the job

### EFFICIENCY

- .92 - .93 UEF
- Dual 4500 or 5500 watt stainless steel heating elements

### PERFORMANCE

- FHR: 55 - 74 gallons, based on gallon capacity
- Recovery: 21 to 25 GPH at a 90° F rise, depending on model\*\*

### LONGER LIFE

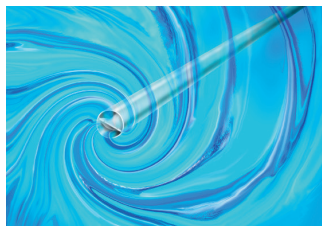
- Premium grade anode rod provides long-lasting tank protection

### FEATURES

- High performance and lower operating cost
- Electric junction box located above heating elements for easy installation
- Over-temperature protector cuts off power in excess temperature situations

### PLUS...

- EverKleen® helix diffuser reduces sediment, improving tank life and efficiency



- Temperature and pressure relief valve included

### WARRANTY

- 12-Year limited tank and parts warranty\*

\*See written warranty for complete details

Units meet or exceed ANSI requirements and have been tested according to D.O.E. procedures. Units meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria.



### **H-Series with LeakGuard™ and Demand Response**

40, 50 and 55-Gallon Capacities  
240 Volt AC/Single Phase  
Electric



LEED Point = 1

See specifications chart on back.

## H-Series with LeakGuard™ and Demand Response Electric Specifications

T Y P E	DESCRIPTION			FEATURES		ROUGHING IN DIMENSIONS (SHOWN IN INCHES)					ENERGY INFO.
	NOMINAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	FIRST HOUR RATING (GALLONS)	RECOVERY IN G.P.H. 90° F RISE	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)
Tall	55	55	12PROE 55 T2 FD CG	74	25	57-3/8	59-3/4	61-3/4	22-1/4	133	0.92
Tall	50	45	12PROE 50 T2 FD CG	63	25	58-3/8	61-5/8	63-5/8	20-1/4	126	0.92
Med.	50	45	12PROE 50 M2 FD CG	63	25	48	50-1/2	52-1/2	22-1/4	133	0.92
Med.	40	36	12PROE 40 M2 FD CG	55	25	48-3/8	50-1/4	52-1/4	20-1/4	111	0.93

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

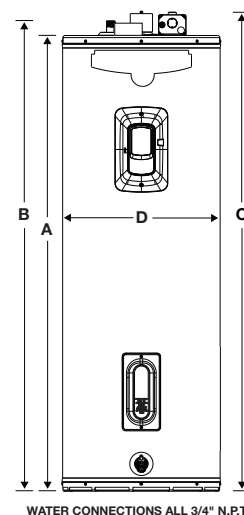
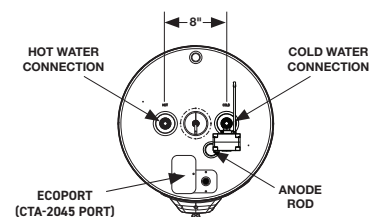
- Heaters furnished with standard 240 volt AC, single phase non-simultaneous wiring, and 5500 watt upper and lower heating elements.
- Also available in 4500 watt upper and lower heating elements. If heating elements of different wattages than those shown are demanded, they must be specifically requested.

\*\*Recovery = wattage/2.42 x temp. rise °F.  
Example:  $\frac{5500W}{2.42 \times 90^\circ} = 25 \text{ GPH}$

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



LEED Point = 1



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

<sup>1</sup>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. <sup>2</sup>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.

<sup>3</sup>Wi-Fi broadband connection and EcoNet® App required; connection between water heater and app dependent on external factors beyond Friedrich's control. <sup>4</sup>Wi-Fi broadband connection and Friedrich Contractor App required; connection between water heater and app dependent on external factors beyond Friedrich's control.

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

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