

F-Series Electric Demand Response Ready high efficiency water heaters are engineered for longer life and connection to utility demand response programs for energy savings

EFFICIENCY

- .92 - .93 UEF
- Dual 4500 and 5500 watt copper heating elements

PERFORMANCE

- FHR: 54 - 72 gallons, based on gallon capacity
- Recovery: 21 GPH at a 90° F rise**

LONGER LIFE

- Premium grade anode rod provides long-lasting tank protection

FEATURES

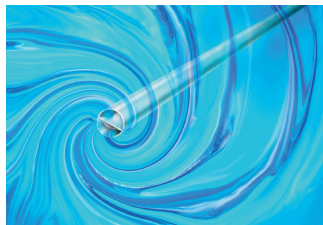
- User friendly interface on unit to easily adjust set temperature
- Error code functionality triggers an audio alert to help prevent potential water heater downtime
- Offers self-diagnostic control systems with LED lights indicating service is needed
- Demand response ready EcoPort™ (CTA-2045 port) is built in for easy connect to utility demand response programs
- 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

EASY TO INSTALL AND SERVICE

- Durable brass drain valve helps drain the tank faster to reduce time on the job

PLUS...

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



- Temperature and pressure relief valve included

WARRANTY

- 6-Year limited tank and parts warranty*
- With ProtectionPlus® the 6-year limited tank warranty becomes 10-year

*See Residential Warranty Certificate for complete information

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.



F-Series Electric Demand Response Ready

47 - 55-Gallon Capacities
240 Volt AC/Single Phase
Electric



LEED Point = 1

See specifications chart on back.

F-Series Electric Demand Response Ready 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 WATER CONN. B	DIAMETER C	APPROX. SHIP WT. (LBS.)	UNIFORM ENERGY FACTOR (UEF)
Tall	40	36	6PROE40 T2 FD CG	55	21	60-3/4	63-5/8	18-1/4	108	0.92
Tall	50	45	6PROE50 T2 FD CG	63	21	58-1/2	61-3/4	20-1/4	124	0.92
Tall	55	55	6PROE55 T2 FD CG	72	21	57	59-3/4	22-1/4	131	0.92
Med.	40	36	6PROE40 M2 FD CG	55	21	48-3/8	50-1/2	20-1/4	109	0.93
Med.	50	45	6PROE50 M2 FD CG	63	21	48	50-1/2	22-1/4	131	0.92
Short	47	43	6PROE47 S2 FD CG	54	21	32	34	26-1/4	152	0.92

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

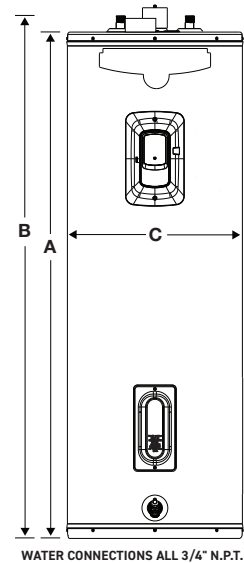
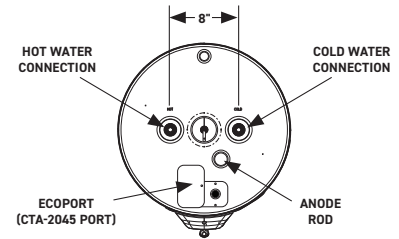
• Heaters furnished with standard 240 volt AC, single phase non-simultaneous wiring, and 4500 watt upper and lower heating elements.

• Also available in 5500 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: $\frac{4500W}{2.42 \times 90^\circ} = 21 \text{ GPH}$

**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 4500 watt elements used in non-simultaneous operation.



LEED Point = 1

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

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