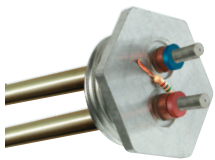




F-Series electric water heaters are engineered for longer life – resisted heating elements and premium grade anode rod

EFFICIENCY

- .90 - .93 UEF
- Isolated tank design reduces conductive heat loss
- Resistored stainless steel upper and lower heating elements to prolong anode rod and tank life



PERFORMANCE

- FHR: 44 - 72 gallons, based on gallon capacity
- Recovery: 21 GPH at a 90° F rise*

LONGER LIFE

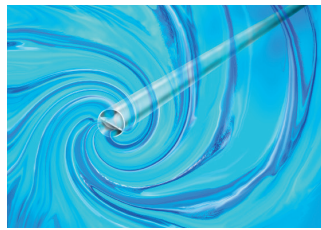
- Premium grade anode rod provides long-lasting tank protection

FEATURES

- Electric junction box located above heating elements for easy installation
- Over-temperature protector cuts off power in excess temperature situations
- Automatic thermostat keeps water at desired temperature

PLUS...

- Exclusive porcelain tank lining resists corrosion and prolongs tank life
- EverKleen® helix diffuser reduces sediment improving tank life and efficiency



- Enhanced-flow brass drain valve
- Temperature and pressure relief valve included
- Models are compliant to HUD Standards for manufactured housing and modular construction
- Low lead compliant

WARRANTY

- 6-Year limited tank and parts warranty*
- With ProtectionPlus™ the 6-year limited tank warranty becomes 10-year (Tall and Medium units only)

*See Residential Warranty Certificate for complete information

Units meet or exceed ANSI requirements and have been tested according to the AHRI Operations Manual and 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

19.9 to 55-Gallon Capacities
240 Volt AC/Single Phase
Double and Single Element Models
Electric



See specifications chart on back.

F-Series Specifications

TYPE	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	30	27	6PROE30 T2 FD95	44	21	47-1/2	50-3/8	19	92	0.92
Tall	40	36	6PROE40 T2 FD95	55	21	60-3/4	63-5/8	19-1/4	109	0.93
Tall	50	45	6PROE50 T2 FD95	63	21	58-5/8	61-5/8	20-1/4	121	0.93
Tall	55	55	6PROE55 T2 FD94	72	21	57	59-3/4	22-1/4	128	0.92
Med.	30	27	6PROE30 M2 FD95	45	21	37-1/2	40-1/2	20-1/4	92	0.90
Med.	40	36	6PROE40 M2 FD95	55	21	48-1/4	50-1/2	20-1/4	106	0.93
Med.	50	45	6PROE50 M2 FD95	62	21	48	50-1/2	23	132	0.93
Short	19.9	-	6PROE20 S2 FD	-	21	31-1/2	31-1/2	17	62	-
Short	19.9	-	6PROE20 S1 FD	-	21	31-1/2	31-1/2	17	62	-
Short	28	25	6PROE28 S2 FD95	45	21	30	31-1/8	23	95	0.92
Short	28	26	6PROE28 S2 FD95 B*	45	21	30	32-1/4	19-3/4	95	0.92
Short	36	33	6PROE36 S2 FD95	46	21	31-1/2	33	24-1/4	118	0.92
Short	38	35	6PROE38 S2 FD95 B**	51	21	31-1/2	34	23	108	0.92
Short	47	43	6PROE47 S2 FD95	54	21	32	34	26-1/4	149	0.93

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

*Insulation blanket(s) required to achieve UEF value. Water heater dimensions prior to installing insulation blanket(s). Blanket(s) will be included with water heater. The blanket(s) add 2-1/2 inches to the tank height and 5 inches to tank diameter.

**Insulation blanket(s) required to achieve UEF value. Water heater dimensions prior to installing insulation blanket(s).

Blanket(s) will be included with water heater. The blanket(s) add 2 inches to the tank height and 4 inches to tank diameter. Heaters furnished with standard 240 volt AC, single phase non-simultaneous wiring, and 4500 watt upper and lower heating elements.

• **If heating elements of different wattages than those shown are demanded by zone requirements, they must be specifically requested.**

• Single element models available on special order (6000W max.). Substitute "1" for "2" in model number.

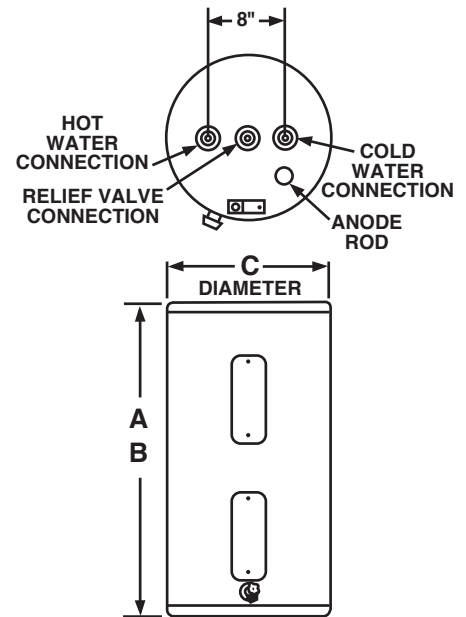
• Special Wiring Options – A limited number of special wiring options are available. Consult factory for price and availability.

• All models equipped with heat traps.

$$\text{Recovery} = \frac{\text{wattage}}{2.42 \times \text{temp. rise } ^\circ\text{F.}}$$

Example: $\frac{4500\text{W}}{2.42 \times 90^\circ} = 21 \text{ GPH}$

*Recovery calculations used are based on 4500 watt elements used in non-simultaneous operation.



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

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

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