



## Thermoplastic Water Heaters

Available in 55 and 80 Gallon Capacities

### FEATURES

#### Resilient Construction

- Long-life, thermoplastic tank construction
- Seamless vessel construction
- Impervious to water quality variations

#### Easy to Install

- All plumbing connections are top-mount (on all models)
- Single bolt stainless collar streamlines coil/element access

#### Light weight

#### No required maintenance

#### No anode rod required

#### High Accuracy Temperature controls with Thermistors

- Adjustable setpoint & differentials

#### Warranty

- 10 year, non-prorated residential warranty
- Optional lifetime residential warranty



## Hubbell Combines Exceptional Performance with High Efficiency

The Featherweight line by Hubbell represents the latest in water heater and storage tank innovation, continuing Hubbell's reputation for dependability and longevity in a new lightweight package. With standard top-mount connections and a single bolt stainless steel collar across all models, Featherweight tanks ensure a streamlined installation process, while the monolithic vessel construction will provide years of worry-free service in any residential application.

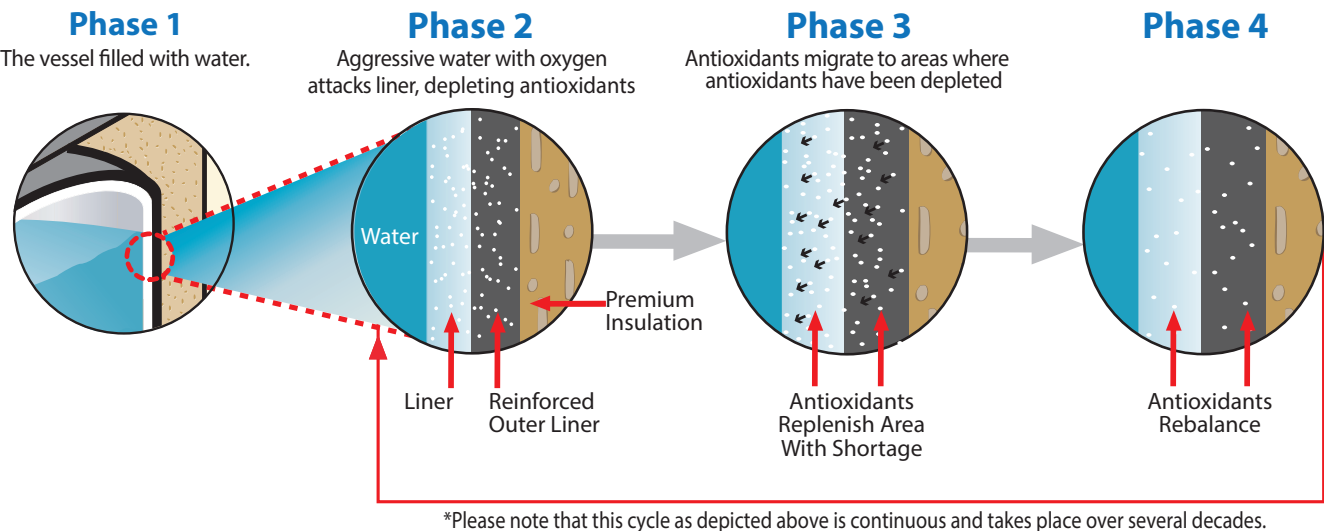
**Long Life - Light Weight**

# What is Featherweight?

The Hubbell Featherweight water heater uses proprietary technology to fuse a polybutene inner liner with a polybutylene and fiberglass structural outer layer at the molecular level to create a lightweight, monolithic composite vessel with seamless construction, ensuring you a long lasting, worry-free water heating solution.

## How does Featherweight interact with water

The two bonded layers of the Featherweight tank continuously replenish and rebalance antioxidant levels throughout the vessel over several decades of service.



## Tank Lining Comparison

Two common water heater construction materials are glass/enamel lined and stainless steel vessels. We compared the two against our Thermoplastic lined tank.

### Glass Lined Tanks

- Defects in glaze require anode rod
- Requires regular service calls
- Operating at higher temperatures voids warranty

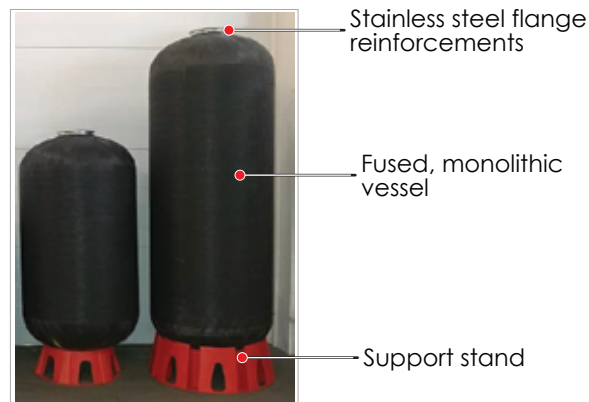
### Stainless Steel Tanks

- Chlorides in domestic water can compromise construction
- Welds represent structural weak points
- Expensive to produce

### Featherweight (thermoplastic)

- Seamless construction
- No anode rod needed
- No required maintenance
- Immune to water quality variations
- Tolerates higher temperatures and pressures

## Thermoplastic Vessel

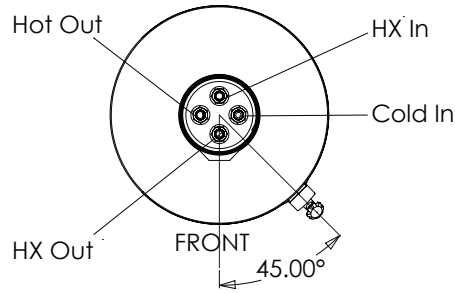


Currently available in 55 and 80 gallon configurations.

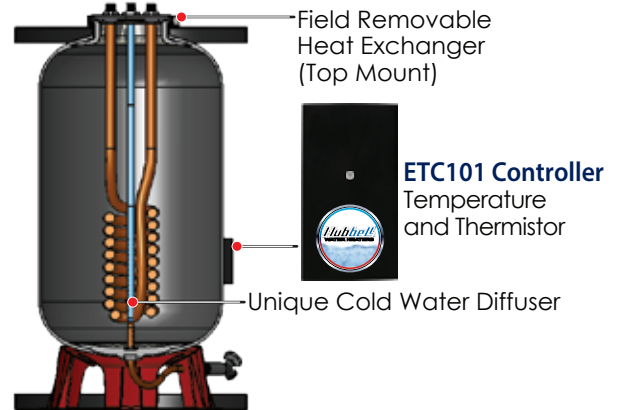
# Indirect



Top View



Side View



## DIMENSIONS

Model	Overall Dimensions (Inches)		Shipping Weight (Lbs)	Domestic Water		Boiler Water Supply/Return (Heating Coil)	T&P Relief Valve
	Height	Diameter		Cold Water Inlet	Hot Water Outlet		
P55F	41"	28"	95	3/4" MNPT	3/4" FNPT	3/4" MNPT	3/4" FNPT
P80F	53.5"	28"	125	3/4" MNPT	3/4" FNPT	3/4" MNPT	3/4" FNPT

## PERFORMANCE

Model	First Hour Rating	Boiler Output (6 GPM @ 200°F)	Boiler Water Continuous Flow		Standby Heat Loss
	135°F	BTU/HR	Flow Rate (GPM)	Head Loss (ft. w.c.)	°F/HR
P55F	212	145,000	8 GPM	18.7	0.61
P80F	300	128,000	8 GPM	18.7	0.42

## CLEARANCE REQUIREMENTS

Capacity (Gallons)	Measured From Floor
	Height Clearance Required (to remove heat exchanger (in.))
55	69"
80	93"

## Piping Diagram

