

## INNOVATIVE HOT WATER STORAGE



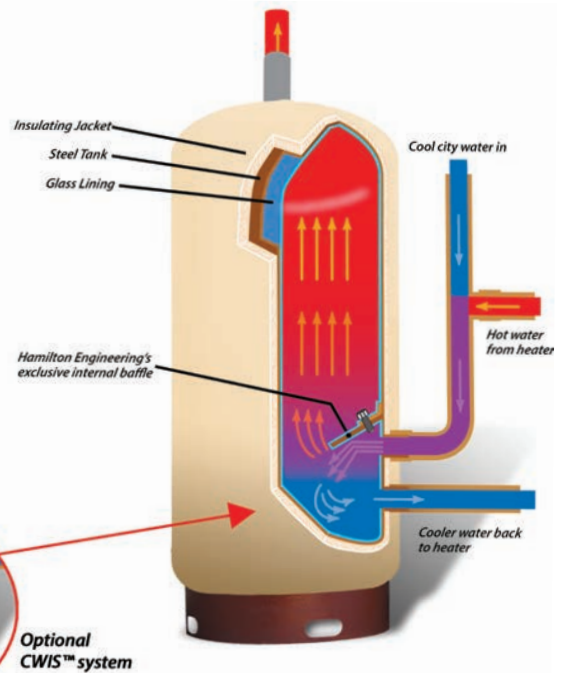
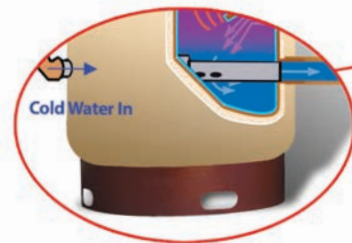
STAINLESS AND GLASS LINED

## HOT WATER STORAGE TANKS

Hamilton Engineering's exclusive, unique tank design delivers substantially more stored hot water than many other storage tanks. This is accomplished by utilizing a baffle inside the tank that deflects all of the blended water to the bottom of the tank. The hottest water rises to the top of the tank and the cooler blended water remains near the bottom, where it is drawn out and circulated through the water heater.

## How do they work?

- As much as 80% of stored water is at target temperature during peak draw
- No turbulent mixing of water; cooler water stays at the bottom
- Replaceable anode rods used to maximize tank life
- Temperature and pressure relief valves required for safe operation
- **For condensing water heaters,** add our Cold Water Injection System™ (CWIS) to maximize the heater's condensing efficiency (see inset) by directing the coldest water to the water heater. CWIS™ also provides 100% usable volume, allowing the use of a smaller tank!



### 80–200 Gallon Models

- All models are glass-lined and jacketed
- Two inches of foam insulation is injected between the tank and outer jacket
- Rated for 150 PSI working pressure; ASME certification is standard on all models above 120 gallons and optional on 120 gallons and below
- 80 and 120 gallon models available as 316T stainless steel tanks with two inches of foam insulation with jacket, rated for 125 PSI working pressure

### 220–5000 Gallon Models

- Glass lining is standard; stainless steel, epoxy and cement linings optional
- Standard working pressure of 125 PSI, 150 PSI optional
- ASME stamped and certified
- Designed to be installed vertically using the base ring supplied, or horizontally with optional mounting saddles
- Various insulation jackets available, including microfoam blanket, 2" foam with metal jacket
- Lifting lugs supplied for ease of rigging and handling



REPRESENTED BY



Innovative Hot Water Solutions

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