

HIGH EFFICIENCY WATER HEATING



## Is your water heating system **BULLETPROOF?**

Protect your investment with our Indirect Companion—the **Bulletproof System!** It lasts up to three times longer than conventional self-contained heaters and tankless/on-demand heaters!

## What can I put in my facility that will give me the lowest life-cycle cost? THE BULLETPROOF SYSTEM!

This hybrid system is comprised of a high efficiency heater with a 316 Ti stainless steel tank and coil(s) inside.

- Indirect, closed loop heating system—eliminates scaling and requires significantly less maintenance
- Tank is made of one of the highest grades of stainless steel available—no anode rods to replace, rust-free, corrosion resistant and unlike glass-lined steel tanks, no lining to fail!
- By eliminating scaling and other factors that contribute to premature failure of a conventional water heating system, your operating costs are considerably less over time—with system operating efficiencies up to 93%—so your hot water operating expense will be less than ever!

## What makes a water heating system fail prematurely?

### ON-DEMAND HEATERS

- Undersized—they condense when they are not keeping up (leaving water temp under 105°F), and most models are not designed to condense, so they deteriorate
- Poor water quality—because the flow rate varies, they tend to scale up more easily than other designs; the coil/heat exchanger fails
- Internal components fail often due to commercial use, too many cycles on and off

### SELF-CONTAINED TANK TYPE HEATERS

- Poor water quality causes scaling, the heat cannot get transferred to the water as easily, and the steel of the tank fatigues, then fails, leaking
- Glass-lined steel tanks fail if anode rods are not monitored and replaced when depleted

### CIRCULATING TANK HEATERS

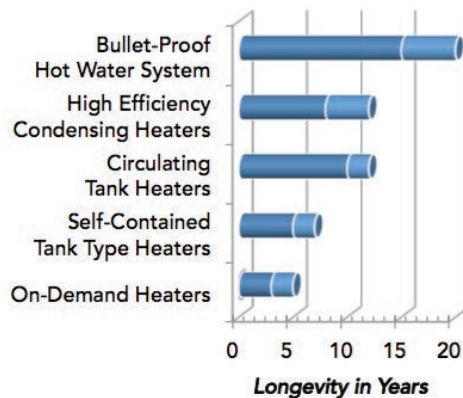
- Poor water quality—they tend to scale up in poor water quality areas; the coil/heat exchanger fails
- Glass-lined steel tanks fail if anode rods are not monitored and replaced when depleted

### HIGH EFFICIENCY CONDENSING HEATER TO TANK PACKAGE

- Lack of maintenance—they require annual preventative maintenance at a minimum—complete cleaning of the combustion chamber and related components
- Glass-lined steel tanks fail if anode rods are not monitored and replaced when depleted

### HOW LONG SHOULD A WATER HEATER LAST?

Assumes proper installation and maintenance



### WHY IS THE COST SO MUCH MORE THAN SOME ON-DEMAND HEATERS?

- Why is a Ford F250 so much more than a Fiat 500?—One is a workhorse and one is transportation
- Bulletproof will always provide ample hot water; On-demand does a decent job on slower days but runs short or slows down hot water flow during peak demand times

### HOW MUCH FLOOR SPACE DOES A SINGLE HEATER SYSTEM TAKE UP?

- The smallest is approximately **3' x 3'**, supporting up to **36 washers**
- The largest is approximately **4' x 4'**, supporting up to **75 washers**

### HOW LONG IS THE WARRANTY?

- Hamilton Engineering warrants the water heater heat exchanger for 15 years, the tank for 10 years, and all components for 2 years from date of manufacture

REPRESENTED BY



Innovative Hot Water Solutions

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