

NO SALT  
 NO CHEMICALS  
 NO ELECTRICITY  
 NO SLIMY FEELING  
 NO CAPACITY LIMITS  
 NO REGENERATION RE-  
 QUIRED  
 NO TIMERS TO PROGRAM  
 NO MAINTENANCE  
 NO NOISE  
 NO OPERATING COSTS  
 NO COMPLEX CONTROL-  
 VALVES  
 NO ELECTRONICS



# HW-TAC

## The natural and healthy WATER SOFTENER ALTERNATIVE

NO DRAIN NEEDED  
 NO LEAKS OR FLOODS  
 NO SALT WATER DIS-  
 CHARGE INTO SEWER



Scale on electric water heater element



Before & after eight weeks of use

Hard water is a challenge for vast majority of homeowners in the United States. It causes scale problems, shortens the life of water using appliances, makes housekeeping more difficult through severe water spotting, increased detergent use and the like. Until recently, the only effective solution has been an ion exchange water softener - and that came at a high financial and environmental price: substantial up front costs and ongoing operating expenses for water, salt, maintenance and repair.

The arrival of the HW-TAC system has changed all that. Our system is based on a state-of-the-art technology that relies on processes occurring in nature every single day. Having been in widespread use in Europe since the early nineties, it was first introduced to the US market almost ten years later in 2003. The HW-TAC systems make it possible to deal with all the symptoms of hardness that cause people to consider a water softener to begin with:

- Reduces water spotting - and makes remaining spotting easier to clean
- Saves 40-60% on detergent use while the laundry comes out softer.
- Extends the life of water using appliances, fixtures and even garments.
- It prevents scale formation in plumbing systems and appliances.
- Saves energy and therefore money as well as reducing the user's carbon foot print. As little as a 1/4 inch (6 mm) scale deposit on a water heater element (see photo on left) results in a 40% higher energy requirement to heat water.

Unlike a traditional softener, the HW-TAC systems also:

- Actually removes existing scale from plumbing systems and appliances - a type of "restoration" a traditional softener is *not* capable of. Consequently, it is likely to improve water pressure where scale did exist.
- Can be used without hesitation in areas where water conservation is a priority and salt water discharge into the sewer system are restricted and/or prohibited.
- Can be used in condominiums or other situations where space is limited or at a premium and where drains are not available.
- It can be used without hesitation specifically where salt restricted diets or the standards for healthy drinking water are a consideration (World Health Organization Report on Drinking Water 2006). The HW-TAC systems are in full compliance with those recommendations.

