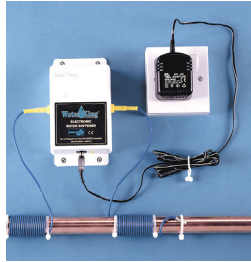




# **AQUA REX Electronic Descaling system**

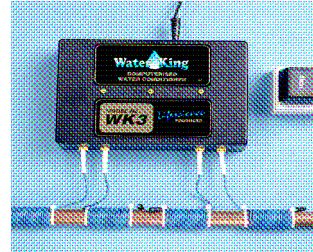
**“A “NO SALT” Water Softener that conditions your water for less than \$30 a year.”**



**WK-1**



**WK-2**



**WK-3**



**WK-4**

Known to the rest of the world as the “Water-King,” the Aqua-Rex is a non-intrusive physical water conditioner (softener) that inhibits scale formation, removes existing scale deposits and partially softens hot water.

## **The Aqua Rex:**

- In field trials conducted over the past 15 years, the Aqua-Rex demonstrated its effectiveness in most applications where conventional water softeners would normally be used.
- Aqua-Rex is less expensive to install and maintain than ion exchange softeners.
- In larger applications it is also less expensive and simpler to install than inline magnetic and electro magnetic systems.
- Aqua-Rex requires very little space, no special plumbing, no waste water connection nor access for the supply of salt and it's storage.
- There is no loss of water pressure or any additional corrosion problems.

## **How it Works:**

Aqua-Rex is very effective at removing existing scale deposits from water heaters, tanks and plumbing. **Descaling occurs within a few weeks.** The scale breaks away in small plates as it loses adhesion with the surface that it is encrusting. *Important: In existing systems that are already badly scaled it may be worth considering fitting a filter on the hot flow from the water heaters to protect blending valves and other appliances.*

To achieve this, Aqua-Rex uses pre-programmed micro-chips to transmit pulses of electrical charge into the water at varying frequencies and amplitudes. These “signals” cause some of the salts in the water to form sub-microscopic clusters. When the water is then heated, the clusters act as nucleation seeds upon which the calcium carbonate (lime scale) precipitates. **Instead of the hard encrustation on pipes and heating elements that normally occurs when water is heated,** the precipitation takes the form of tiny calcium carbonate crystals that float suspended in the water. These invisible fine crystals are carried away with the flowing water.

The clusters created by Aqua-Rex stimulate the conversion of more of the dissolved calcium bicarbonate in the water into crystals in suspension than would otherwise occur. The resulting hot water, with less calcium bicarbonate, is now chemically softer. **Aqua-Rex is the only electronic device of its kind that has been proven by independent laboratory tests to produce softer water.**

Unlike ion exchange (salt) softened water, where minerals are removed and replaced by sodium, **Aqua-Rex treated water is good for drinking**. There is no need for a separate drinking water supply, no health risks and no calcium chloride effluent.

## Unit Specs:

	WK1	WK2	WK3	WK4	WK5
Maximum pipe diameter	1"	1 1/2"	2 1/2"	4"	6"
Antenna number/length	2/6'	4/6' 6"	4/16'	4/23'	6/30'
Minimum antenna turns	12 turns	12 turns	15 turns	15 turns	15 turns
Frequency range	1-10 kHz.	1-10 kHz.	1-10 kHz.	1-10 kHz.	1-10 kHz.
Peak to peak output voltage	82 V.	82 V.	82 V.	82 V.	82 V.
Power supply required	110 V.	110 V.	110 V.	230 V or 110 V.	230 V or 110 V.
Power consumption	1 W.	1 W.	2 W.	2 W.	3 W.
Dimensions (inches.)	5 1/2' x 3 1/4" x 2"	8 1/2' x 6" x 2 1/2"	8 1/2' x 6" x 2 1/2"	11' x 8" x 5 1/2"	11' x 8" x 5 1/2"
Weight	1lb	2.2lb	2.2lb	6.6lb	7lb

Each unit functions in a maximum ambient temperature of 160 degrees F with a maximum humidity at 80%.

## Useful Life:

Running costs of all units is less than \$30.00 per annum. The design life is in excess of 25 years with a 5-year manufacturer's warranty. Aqua-Rex comes with a no-quibble 100-day money-back satisfaction guarantee, which is extendable, subject to negotiation.

**Call to order yours today! 888-761-7687**

**NOTE: The AQUA REX descaling system is a stand alone system allowing it to be installed on any water supply or it can be added to any or our systems or existing water treatment systems already installed. Additionally, it can be placed on recycling systems such as fountains and ponds to prevent scale build-up. This is the most cost effective descaling system on the market and with a life expectancy of 25 years it should be your first choice.**

