

# HYDROSMART™

## Hydrosmart and Calcium Chemical Free Solutions that don't cost the Earth

### Remove Calcium from Pipes

Hydrosmart removes calcium carbonate from inside pipes, kitchen and bathroom taps, sprayers and drippers, allowing water to flow again. Calcium carbonate is also known as "scale".

before



after



### Remove Calcium from Surfaces

Hydrosmart removes calcium from shower heads, kitchen and bathroom taps, dishwasher, kettle, coffee machines, urns, kettles, hot water services and steam ovens, in short anything that contacts your mineralised water. The water itself is softened.

before



after

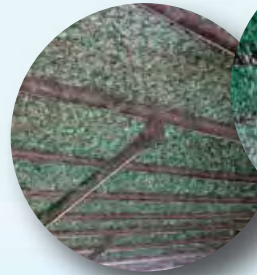


### Remove Calcium from Airconditioners and Cooling Towers

Hydrosmart removes calcium carbonate buildup from home air conditioners and building cooling towers. Subsequently, water that was blocked can then run freely (see below) as removal of scale makes media more porous.

Air cooling efficiency therefore increases.

before



after



### Remove Blockages from Irrigation Systems

Hydrosmart provides chemical free scale prevention and de-scaling of irrigation systems. Drippers are unblocked as calcium is removed, so they don't need to be replaced. "Iron scale" is also dissolved by Hydrosmart. The minerals in soil treated by Hydrosmart are freed to travel up into the plant as nutrition causing improved plant growth.

before



after



**This is sustainable technology at its best**

# HYDROSMART™

## Improve Lawns and Gardens

Hydrosmart makes calcium available to plants. It leaches salt away from plant roots, and also makes beneficial minerals such as calcium and iron available to plants.

before



after



## Save on Electricity and Gas

Because no scale is forming on the elements, water heating equipment runs more efficiently and much less energy is needed to heat the water. This gives savings on electricity or gas bill.

before



after



## Decrease Energy Costs

Elimination of scale from equipment brings savings in maintenance, repair, downtime and energy costs. Water heater thermostats can be turned down as they are descaled and work more efficiently.

## Reduce Chlorine in Swimming Pools

Pools with Hydrosmart use less chlorine to achieve the required sterilisation. Additionally scale and other deposits that have built up in the pool system are removed, such as from circulatory, filtration and heating systems. Scale-free pool heating systems and hot water systems require less energy.

## Technical Stuff

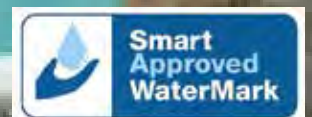
As unbound minerals scavenge bound minerals from the scale layer, the bonds of any existing scale crystals collapse and the scale falls apart. Minerals remain unbound in water for several days and progressively break down any existing deposits.

There are no flow restrictions. Resonance frequencies are transmitted into the water, via antennae, wound in tight coils around a water treatment pipe of the same diameter as your existing pipe. Treatment is unaffected by temperature or flow rate making it the ideal treatment.

**Enquire today 1300 138 223**

**HYDROSMART**

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