

# SAVE WATER AND REDUCE COSTS

Water softeners are commonly used in hard water areas, however they can waste a considerable amount of water and also require a regular and costly supply of salt. Sentinel Commercial can help.

ACHIEVE ANNUAL SAVINGS OF **£4,000+**

## A COST-EFFECTIVE TREATMENT ALTERNATIVE FOR HARD WATER AREAS

Sentinel Commercial has developed KalGUARD+, a device that is scientifically proven to prevent lime scale formation without wasting water. KalGUARD+ works by delivering very low levels of stable zinc into the water to change hard, deposit-forming Calcium Carbonate crystals into soft, non-deposit-forming Aragonite.

KalGUARD+ has negligible running costs, and requires no salt – offering significant savings in time and money compared with the expensive maintenance schedules of water softeners. The technology is also approved in Part L of the Building Regulations.

## WHY DO SALT-BASED SOFTENERS WASTE WATER?

Traditional water softeners require regular regeneration (often daily) with salt to restore the capacity of the resin found inside the softener unit, and this usually takes around 90 minutes.

Depending on the resin bed capacity, a mid-sized commercial unit can easily use up to 1,000 litres (1m<sup>3</sup>) of water per regeneration. This goes straight down the drain. It cannot be recycled or reused as grey water due to high salt content.



Traditional Water Softener

### SAVE WATER AND MONEY

KalGUARD+ doesn't require regeneration or salt, saving you water, time and money



Sentinel Commercial's KalGUARD+



- Soft to moderately soft 0-100ppm as calcium carbonate equivalent
- Slightly hard to moderately hard: 100-200ppm as calcium carbonate equivalent
- Hard to very hard: above 200ppm as calcium carbonate equivalent

### Payback < 1 Year

Used instead of a water softener, the ROI on a KalGUARD can be less than 12 months, and you start saving on day one.

### Drain on Resources

A typical mid-sized commercial salt-based water softener uses 920 litres per day. That's equivalent to 1,617 pints of beer, 15 baths or 202 gallons of petrol.

### Save Thousands on Salt

In addition to saving around £840 per year on water, a KalGUARD+ could also save a massive £3,398 on salt EVERY YEAR!



For more information call **01928 583 281**  
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