



The proven alternative to water softeners.
Equal in performance but with none of the limitations of use.

The cheaper,
smarter, greener,
easier way to solve
the problem of
hard scale.



COMMERCIAL
PREMISES
PROTECTION



The first viable, proven alternative to salt water softeners...

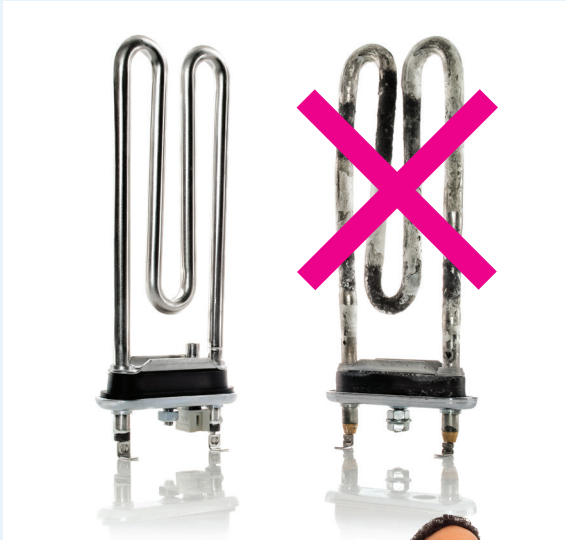
If you use water softeners, we have a cogent and compelling proposition to offer Facility Managers, building owners, budget planners and energy consultants which will maintain high efficiency and protection levels against hard scale, provide potable water, and at the same time, deliver significant reductions in capital expenditure and operating costs.

- Next ScaleStop systems cost less than water softeners, are cheaper to install, and deliver a rapid return on investment (ROI)
- Next ScaleStop systems do not use salt or chemicals, and because they do not need to regenerate or back wash, water waste and brine/chloride discharge are eliminated.
- Next ScaleStop systems require no regular maintenance and have a 3 year service interval

Next ScaleStop delivers unparalleled protection for boilers, water heaters, heat exchangers, humidifiers, reverse osmosis, showers, kitchen equipment, circulating pumps, pipes and plumbing components.

Next ScaleStop is a proven hard scale prevention technology known as Template Assisted Crystallisation (TAC) which converts Calcium Carbonate (CaCO_3) into harmless micro crystals which do not stick to surfaces and form scale, rather they travel down stream in colloidal suspension to drain. ScaleStop systems operate in upflow, where the TAC media interacts with the dissolved CaCO_3 in a column of incoming water and acts as a catalyst to form inert micro crystals which can not stick to water related equipment, pipes or fittings. ScaleStop adds nothing to the water or removes anything from it...it just prevents the formation of hard scale.

Ignoring scale control reduces energy efficiency, wastes vast amounts of time and financial resources, and shortens the life of everything that hard water touches.



No more buying, storing, carrying or remembering to replenish salt!



Advantages

- Equal performance to water softeners with none of the limitations of use.
- Cost savings and rapid return on investment
- Low CAPEX (significantly lower purchase and installation cost)
- Minimal OPEX (no maintenance with 3 years between services)
- Elimination of water waste, reducing carbon footprint and zero negative environmental impact
- No salt or chemical use

One Series easy change cartridges

The Next One Series is an innovative filtration system which features a quick and easy cartridge change, and water treatment options for a range of varied applications.

These of course include cartridges with TAC for scale protection, a combination cartridge of TAC with a carbon pre filter, and 6 other cartridge options to meet a wide range of filtration challenges.

Also in the range are 0.2 micron anti bacteria filter cartridges, and 0.2 micron log rated backwashing Ultra Filtration (UF) systems.

These systems are ideal for Point Of Entry (POE) installations with flow demands of 40 to 60 litres per minute (2.4 to 3.6m³/hour)



These 2 systems both treat 18 cubic metres per hour. The difference in physical size and complexity of plumbing are obvious.

The Duplex softener system on the left wasted 3,650 cubic metres annually in regeneration. The Next system on the right does not need to regenerate and does not waste water.



Duplex water softener



Next NSS-1665

No Salt

Equal Efficiency

Zero Water Waste

Effective, environmentally friendly water treatment for commercial premises...



Business



Hospitality



Leisure



Care/Education

Water treatment systems for small or large commercial sites

Next ScaleStop systems are available in a range of sizes in single tanks with continuous flow capacities of up to 285 litres per minute for the NSS-1665. For higher flow demand, multiple tanks are installed in parallel. Installation is quick and easy with only inlet and outlet connections. No need for a potable water bypass, no need for a drain, no electrical connections, no controller to set.

Model	Tank Size	Service Flow
NSS-820	8 x 20 inch	32 lpm
NSS-835	8 x 35 inch	38 lpm
NSS-844	8 x 44 inch	46 lpm
NSS-948	9 x 48 inch	60 lpm
NSS-1054	10 x 54 inch	76 lpm
NSS-1252	12 x 52 inch	114 lpm
NSS-1465	14 x 65 inch	190 lpm
NSS-1665	16 x 65 inch	285 lpm

For low demand applications with flow rates of up to 32 litres per minute (2 cubic metres per hour) continuous flow, choose the NSS-120B or NSS-820.

COMMERCIAL PREMISES PROTECTION



The effective, environmentally friendly solution for large capacity commercial sites.

"Where flow demand exceeds 285 litres per minute, multiple tanks are installed in parallel"



Benefits v Saline Softeners...

Maintenance	Virtually none	Constant salt replenishment
Water Use	None additional	Regeneration and backwashing wastes 1,000's litres
Electrical use	None	Constant
Health	Retains healthy minerals	Removes healthy minerals (calcium, magnesium, iron etc)
Environment	Adds nothing to wastewater	Brine discharge contaminates ground water and increases TDS in sewage.
Effectiveness	99% scale prevention	Varies, depending on owner maintenance
Physical Size	Compact, easy to fit	Bulky, must accommodate salt storage

Water Chemistry & Operating Limits

- pH: 6.5 to 8.5
- Hardness: 1285ppm, mg/l CaCO₃ (73 °dH)
- Chlorine: <3ppm
- Iron, ferrous: <0.3 mg/l
- Manganese: <0.05 mg/l
- Copper: <1.3 mg/l
- Supply Water Temperature: 5 - 44° C
- Operating pressure 1 - 7 bar (15 - 100psi)
- Use TAC as the last treatment on the line
- Do not use with other scale treatments
- Oil & H₂S: Remove
- Polyphosphates: Remove



BS6920
CERTIFIED

