

nextTM 

VARIFLOWCOMPACT

hard water, easy solution.

Salt Free Scale Prevention +



Introducing...

the next chapter in hard water treatment technology.

ScaleStop by next filtration technologies... it's right here, right now. Join the evolution.

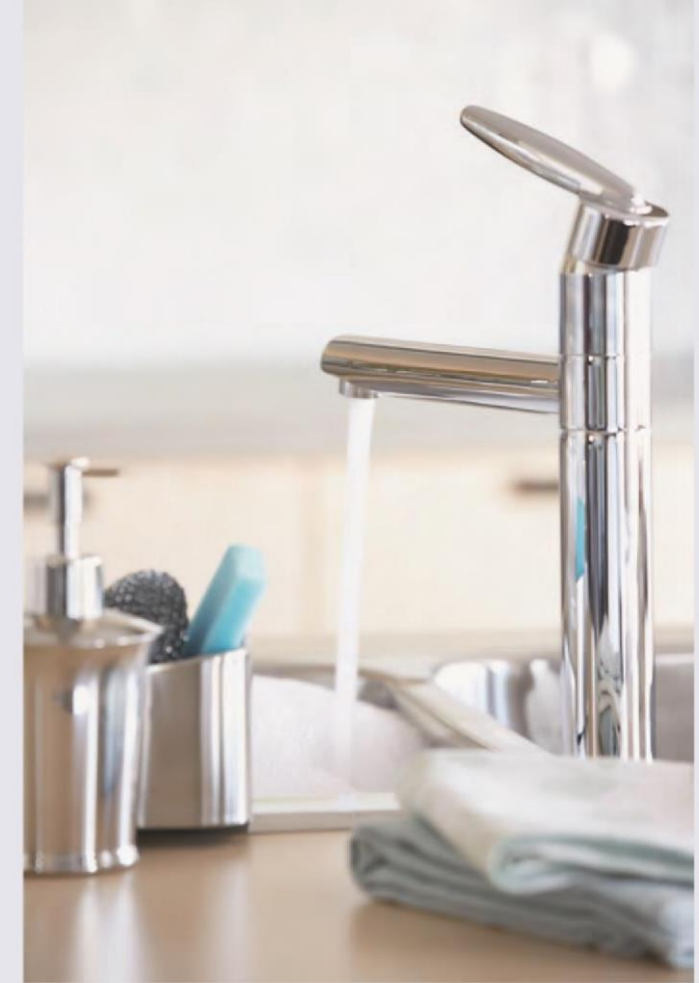


What is hard water?

Technically, it's water with high levels of dissolved inorganic matter...minerals (e.g. calcium & magnesium) and salts. You will see its effects throughout your home, with hard-to-remove streaks in your sinks, baths and showers. What you won't see are the invisible more serious and damaging effects inside your pipes, appliances, water heater or boiler.

Hard water is naturally occurring, but the scale it leaves behind can have a real impact on the efficiency and life of your plumbing and appliances. Hard water scale is real... and damaging... and shouldn't be ignored.

Hard water also inhibits suds formation, meaning you use more detergents and soap when washing clothes or bathing.



What has been the solution?

Historically, water treatment by salt-using water softeners (ion-exchange) has been the accepted remedy. While conventional, salt-using water softeners do remove the minerals that make water hard, the process also removes healthy and essential nutrients...especially calcium and magnesium. Worse, they add sodium to the water.

Water softeners also leave the water with an oily feel, making rinsing seem more difficult. As you never really feel properly rinsed, you inadvertently use more and more water...a poor use of a vital resource.

From an environmental standpoint, salt-using water softeners require frequent recharging by adding more and more salt...and back-washing with fresh water in the regeneration process...a wasteful, environmentally harmful process now being banned in communities across the world.





What's our solution?

Technologies advance and move on.

Next Filtration offers a revolutionary new process called TAC... Template Assisted Crystallisation. Simply put, the dissolved magnesium and calcium ions present in the water supply are converted by a catalytic reaction on specifically designed patented ScaleStop beads, into inert, microscopic crystals, which when formed separate from the beads and re-enter the water remaining harmlessly in suspension.

Variflowcompact doesn't waste water in regular regeneration, or use salt or chemicals. It requires virtually no maintenance, retains healthy minerals and adds nothing to the drinking or waste water. With Next ScaleStop systems there is no need for secondary plumbing.



What about water-borne chemical tastes and impurities?

Sometimes scale isn't the problem...or at least, not the only problem with your water. Public water supplies often have chemical tastes that are just unpleasant to the nose and palate, the most obvious being chlorine.

Next Filtration provides the solution – carbon and multi-media filtration systems that deliver water as nature intended...clean, fresh-tasting and safe. These systems are designed and sized to accommodate your projected household water consumption and particular filtration needs, and require very little maintenance while providing years of safe, reliable performance.

Next Filtration offers a combination system... Variflocompact stops scale with high efficiency Template Assisted Crystallisation and provides high quality filtered water to every part of your home. All in one compact package. Better living through better technology.



Clean, clear, fresh-tasting water.

Better living through better technology



VARIFLOWCOMPACT



	VARIFLOW COMPACT	Salt-Using Water Softener
Maintenance	Virtually none	Constant replenishment of salt
Water Use	None additional	Regular regeneration wastes hundreds of litres annually
Electrical Use	None	Constant
Health	Retains healthy minerals	Removes healthy minerals (calcium & magnesium)
	Adds nothing to water	Adds sodium to water
Environment	Adds nothing to waste water	Adds salt and chlorides to waste water, affects septic and sewage treatment, adds salinity to ground water supplies
Effectiveness	99% scale prevention	Varies, depending on owner maintenance
Physical Size	Compact, easy to fit in available spaces	Bulky, must accommodate salt storage in the home
Pain of Ownership	None	Hauling bags of salt, dumping it in the brine tank
Water Taste & Smell	Removes dirt, chlorine and other chemicals, improving water taste and odour.	Dirt is not filtered out and chlorine is not removed. Water softeners simply convert dirty, chlorinated tap water into dirty, chlorinated, salty water, and exchange healthy minerals for unhealthy sodium
Sediment Removal	20 Microns (less than half the width of a human hair)	None

VARIFLOWCOMPACT uses the TAC

technology used in the Next Scale Stop for whole house scale protection as well as a large diameter 20 micron dirt and sediment filter which also removes chlorine and chemicals for improved drinking water quality.

Next ScaleStop TAC has been independently evaluated using the German DVGW testing protocol for scale prevention efficiency. In these evaluations, Next TAC proved to be equal in efficiency to ion exchange water softeners - the only no salt technology tested to do so.

Model	Service Flow Range	Tank Dimensions
VARIFLOWcompact	4 to 38 litres/minute	254mm x 457mm



next™



- the professional's choice

Tested by independent laboratories and researchers

at Arizona State University, Next Filtration's ScaleStop TAC system achieved a 99% effectiveness rating... the only non salt technology to do so. ScaleStop TAC technology is proven in tens of thousands of residential and commercial applications across the world. Chosen by many of the world's leading companies, including Marriott hotels and McDonalds, both of which have globally approved Next Filtration's TAC technology. Other users include hotels, restaurants, leisure groups, food and drink manufacturers and the NHS.



What about wasting energy?

The Carbon Trust and other independent bodies verify the significant reduction of energy efficiency in boilers and water heaters of up to 23% when scale builds up in the heating system. This not only increases your energy bills but also leads to premature failure of components....get the full story at www.scalestop.co.uk/boilervideo

What about wasting water?

Millions upon millions of litres of water are wasted in the regeneration cycle of water softeners. This not only wastes an increasingly scarce and limited resource, but at the same time contaminates the water it wastes with salt and chlorides, negatively affecting the environment. **Next TAC completely eliminates the waste and the negative environmental impact.**

What about the environment?

Next's TAC technology adds nothing to water and takes nothing out making it both efficient and environmentally benign. Water softeners however discharge salt and chlorides into the drains causing problems in sewers, waste water treatment works and septic tanks. **Waste water treatment works don't remove the chlorides and they pass straight through contaminating rivers and ground water.**

What's the evidence?

Check the independent efficiency evidence of Next ScaleStop TAC at www.scalestop.co.uk/tac