

SCALELESS

Hard Water Scale Reduction Systems Without Salt

Water
Group

Introducing...the next chapter in hard water treatment technology. Scaleless by **WaterGroup**...it's right here, right now. Join the solution.



What is hard water?

Technically, it's water with high levels of dissolved inorganic matter...minerals and salts. Practically, you see its effects as spotting on your glassware, hard-to-remove streaks in your sinks and toilets, and cloudy shower doors. You also notice its side effects in the noxious fumes of the harsh chemicals and abrasives you have to use to get rid of its residue. 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, requiring you to use more detergents and soap when washing clothes or bathing.

What is our Scaleless 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, in areas with salt brine discharge bans or for individuals with sensitivity to salt Scaleless may be a better solution. Some consumers may also not like the feel of traditionally softened water as well. From a maintenance standpoint carrying 40 pound bags of salt to a basement and remembering to refill it on time may be difficult. Environmentally, salt discharge is being banned because there are concerns by some municipalities for waste treatment issues despite the relatively small amount of salt used per backwash – with new softener value technology.



Clean, clear, fresh-tasting water.

What's next?

WaterGroup offers a revolutionary new process called TAC. . . Template Assisted Crystallization. Simply put, magnesium and calcium ions are collected on specially designed Scaleless beads, forming inert, microscopic crystals which drop off and re-enter the water.

Most of our Scaleless models require no electricity, no back-flushing, no adding salt or other chemicals. Scaleless requires virtually no maintenance, retains calcium and magnesium and adds nothing to the waste water. Scaleless exceeds all standards for brine discharge. Being greener never felt so good.

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. **WaterGroup** provides the solution – carbon and multi-media filtration systems that deliver water as nature intended...clean and fresh-tasting. 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 reliable performance. Our backwashing, dual system utilizes carbon and Scaleless technology to deliver high-quality filtered water to every faucet in your home in one compact package. Better living through better technology...

Scaleless or Softener – Which is best for you?

Softeners are the proven solution and remain the “gold” standard for fixing hard water. A properly sized softener will remove hard water with minimal maintenance and long life. If you've had a softener before and liked the results, we always recommend a staying with a traditional solution..

WaterGroup's Scaleless products will reduce hardness scale build-up and help increase your appliance life. Plus you won't have to lug salt around or have a costly home salt delivery service. There is never salt water discharge. Scaleless saves up to 60 gallons per backwash compared to a typical softener. Scaleless won't soften your skin, make your laundry as bright and will not totally eliminate scale. But if you want to live greener and reduce some of the problems associated with hard water – Scaleless is a wonderful option.



Tested by independent laboratories and researchers at Arizona State University, WaterGroups' Scaleless TAC system achieved a 99% effectiveness rating...the only technology to do so. Scaleless TAC technology is proven in tens of thousands of residential and commercial applications across the United States and around the world.





Direct Flow System¹

Backwashing System²

The Right Fit

These filtration systems are compact, easy to install and easy to maintain. The typical maintenance schedule is quick and easy and, because of **WaterGroup's** by-pass valve, your household supply of water is never interrupted.

How do you pick the right Scaleless system for your house? **WaterGroup** has designed and manufactured a full range of systems to fit virtually any residential application. Your Scaleless System dealer or technician will match your needs to the right Scaleless system.



Cartridge System³

Scaleless...the next big idea

	Scaleless	Salt-using Water Softener
Maintenance	Virtually none	Constant replenishment of salt
Water use	None additional	Periodic back flushes, hundreds of gallons annually
Electrical use ²	None	Constant
Health	Retains healthy minerals	Removes some healthy minerals (calcium, magnesium, copper and iron)
	Adds nothing to water	Adds sodium to water, can lead to hypertension and weight gain
Environment	Adds nothing to water	Adds salt to waste water, which is banned by some municipalities
Effectiveness	99% scale prevention	Varies depending on owner maintenance
Physical size	Compact, easy to use in available spaces	Bulky, must accommodate salt storage in the home
Pain of ownership	None	Hauling 40 pound bags of salt, dumping it in the brine tank

¹ Direct Flow Systems - 3 year Scaleless media life under normal conditions.

² Dual Carbon/Scaleless system - annual carbon replacement and 3 year Scaleless media life is typical. Dual system requires electricity.

³ Cartridge system - annual media replacement is typical.



If you live in a hard water area and you want an extremely efficient, environmentally friendly, low maintenance way to condition your water . . . Scaleless may be right for your home.

Call your Scaleless dealer today...

it is what's next.

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