EXCALIBUR - PREMIUM WHOLE HOME FILTRATION SYSTEM

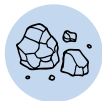Quality through innovation

EXCALIBUR
Water Systems

Premium Whole Home Filtration System

Your water may look clear, but all municipal water contains impurities such as toxic chemicals and heavy metals that can pose a danger to your health. The Premium Whole Home Filtration System utilizes two filters to remove these impurities, providing safe, filtered water for you and your family.

Enjoy dishware that shines, and appliances that last longer and run more efficiently with the Soft-Tec® Scale Control System from Excalibur Water Systems.

10 YEAR UNLIMITED WARRANTY

REMOVES LEAD

7 YEAR UNLIMITED WARRANTY

No scale buildup on fixtures and appliances

Lead removal and sediment filtration

Cut your housecleaning time in half

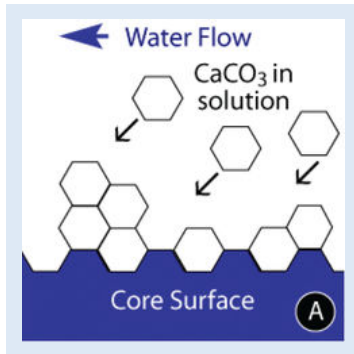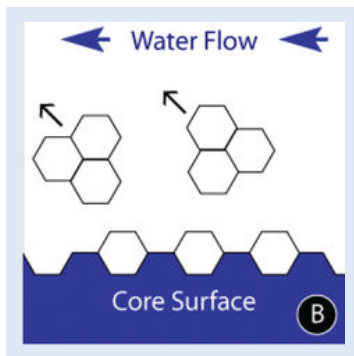Removes dangerous chemicals and heavy metals

Spotless dishware

Appliances using water run more efficiently
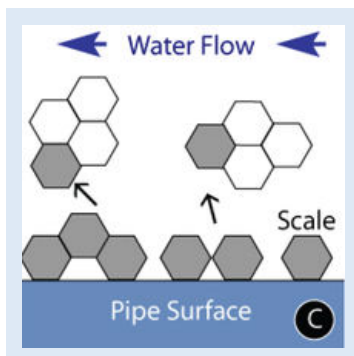
Soft-Tec® Scale Control System

How Does It Work?

The Soft-Tec® Scale Control System controls harmful dissolved lime from water via ''template induced or epitaxial crystallization''. The scale control system's media surface accelerates the natural tendency of dissolved lime to crystallize, but does so before lime can deposit on pipes/surfaces further downstream. The composition of the Soft-Tec® Scale Control System media surface mimics that of calcium carbonate crystals, allowing the dissolved lime in hard water to form microscopic hard crystals of "activated lime" on the media surface via the process of "template induced or epitaxial nucleation."

The Soft-Tec® Scale Control System media returns lime to the water as stabilized crystals of "activated lime". Once the microscopic crystals of activated lime grow large enough, they are freed from the Soft-Tec® Scale Control System media surface by shear forces of water flow. This makes room for generation of new activated lime crystals. These activated lime crystals are "stabilized," and will not cause pipe scaling or stubborn lime deposits on surfaces. When the Soft-Tec® Scale Control System media-treated water dries on surfaces, these crystals form a fine, dusty residue that is easily wiped off without cleansers.

The Soft-Tec® Scale Control System media's produce "activated" crystals then remove pre-existing scale and prevent new scale formation. Calcium carbonate in pre-existing scale will slowly "redistribute" itself from the low-surface area of pipe surfaces and plumbing to the high surface area of all the crystals in solution. The trillions of microscopic crystals of activated lime provide an incredibly high total surface area for further epitaxial crystallization. The net result is removal of pre-existing lime scale from plumbing, keeping pipes and appliances lime-free whilst leaving a thin protective surface!

Soft-Tec® Scale Control Testing

Soft-Tec® is tested to DVGW standards protocol, the only global scale control certification. During the testing, Soft-Tec® was proven to be 99% efficient in preventing scale buildup.

Chemicals

Chemicals found in your municipal water supply can cause numerous health issues. All chemicals found in your water can be ingested when drinking tap water or absorbed through your skin when showering or bathing. Ongoing exposer to harmful chemicals such as chlorine, chloramines, THM's, and pesticides, can lead to negative health effects. The Chemical & Heavy Metal Filtration System removes these dangerous contaminants, and many more from your water supply.

Heavy Metals

Heavy metals such as lead, copper, aluminum, silver, and cadmium can cause many health problems in individuals of all ages when consumed through municipal tap water. These dangerous metals can enter your home through municipal water distribution systems or because it occurs naturally in water sources such as lakes and rivers. These metals can cause various types of adverse health effects over an extended period of time.

The Premium Whole Home Filtration System removes **Chemicals & Heavy Metals** such as:

- Lead
- Iron
- Cadmium
- Zinc
- Pesticides

- Chlorine
- Chromium
- PCB's
- Ethylene
- THM's

- Chloramines
- Copper
- Aluminum
- Silver
- Nickel

+ and many more

The Premium Whole Home Filtration System creates safe, pure water for your home in 2 Steps!

Step 1: Chemical & Heavy Metal Filtration System

The Chemical & Heavy Metal Filtration System utilizes mixed-bed technology to remove chemicals such as chlorine, chloramines, THM's, and volatile industrial chemicals from your municipal water supply. Additionally, this system removes heavy metals such as lead, iron, copper, and aluminum, providing safe, filtered water for you and your family. This system is backed by a 10 year unlimited warranty.
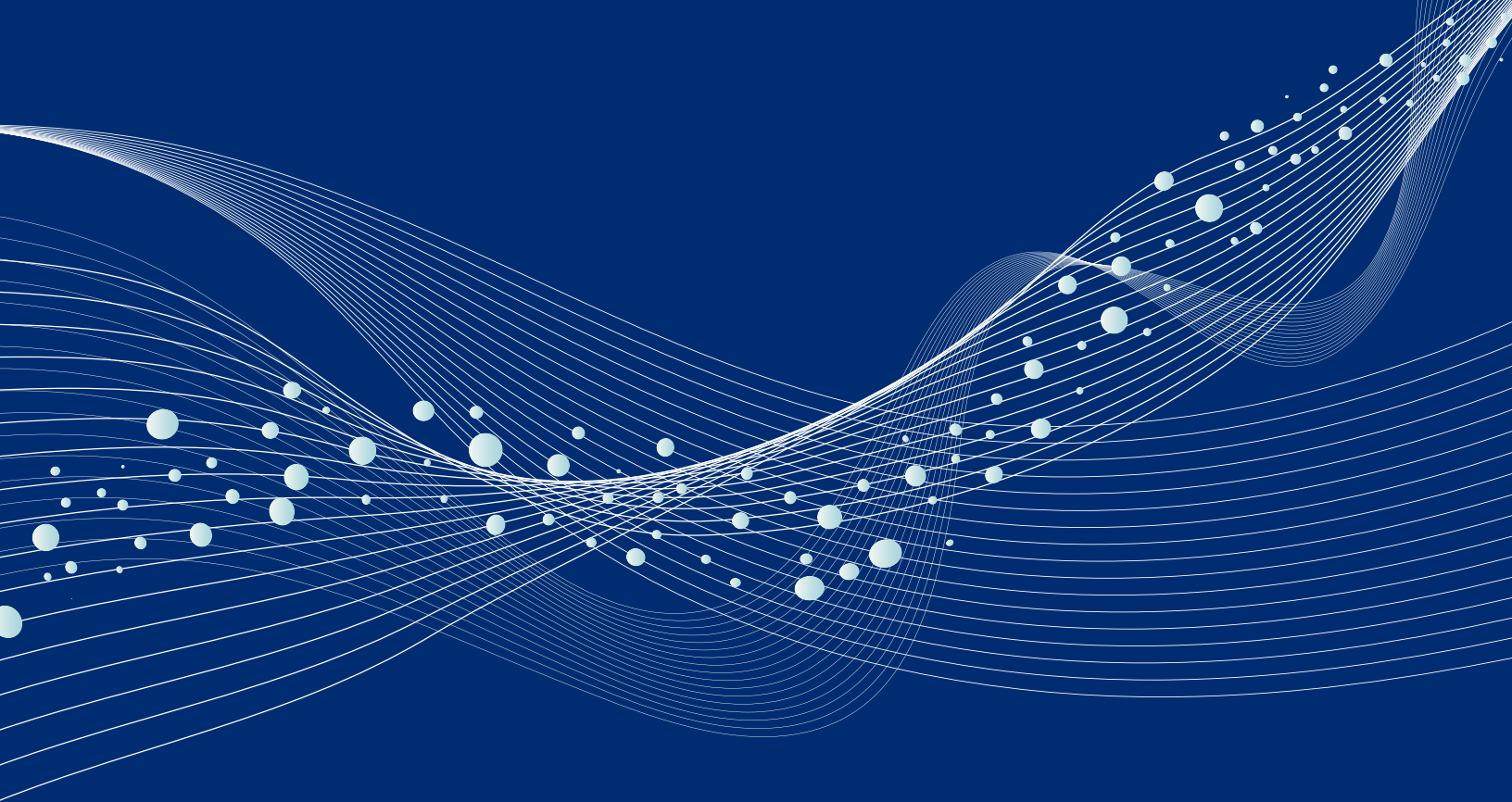
10 YEAR UNLIMITED WARRANTY

REMOVES LEAD

Part #	Pressure (psi)	Temperature (°F)	L x W x H (in)
EWS BTPLDCS2	40-110	40-110	13" x 18" x 62"

Step 2: Soft-Tec® Scale Control System

The Soft-Tec® Scale Control System prevents scale buildup from forming on fixtures, hot water tanks, and appliances in your home. The system transforms positively charged calcium ions found in your water into calcium crystals which cannot attach to any kind of surface, resulting in 100% scale control and prevention. Your dishware will shine, and appliances using water will run more efficiently. This system is backed by a 7 year unlimited warranty.

7 YEAR UNLIMITED WARRANTY

Part #	Pressure (psi)	Temperature (°F)	L x W x H (in)
EWS NSP0844	40-110	40-110	8" x 20" x 50"

EXCALIBUR WATER SYSTEMS INC.

T. 877 733 8999   E. info@excaliburwater.com

www.excaliburwater.com

Authorized Dealer: