

Q & A

Q: What is scale?

A: Hard water forms deposits that clog plumbing. These deposits, called "scale", are composed of calcium carbonate (CaCO₃) and magnesium carbonate (MgCO₃). Scale deposits grow over time and are highly insoluble, making scale difficult to remove once formed.

Q: Why is scale harmful?

A: As scale builds up over time, it can have a significant impact on the efficiency of your water heater and plumbing. The heating element within your water heater can become coated with scale, reducing efficiency and life – leading to increased operating costs. This same scale build-up will also lead to restrictions in flow rate and water pressure and may eventually cause costly repairs.

Q: What is the difference between EcoProTech™ Anti-Scale system and an EcoWater water softener?

A: A traditional water softener operates on the basis of ion exchange, completely removing the calcium and magnesium ions from the water. Traditional Salt Softeners require water for backwashing and must be regenerated using salt or potassium chloride and require a drain to discharge the salty water and minerals. Since a water softener will remove the hardness ions, it will also leave your skin softer and cleaner, smooth hair, reduce soap curd making cleaning easier, and leave clothes softer and brighter and lasting longer without the hard minerals left trapped in fabric.

The EcoProTech™ system will continue to leave the calcium and magnesium ions in the water, but will convert them into a crystalline form that is less likely to cause scale. This solution is a great alternative to a water softener in areas with mild to moderate hardness and in areas with water shortages or restrictions.

Q: What type of maintenance does the EcoProTech™ Anti-Scale system require?

A: Since the EcoProTech™ system does not require the addition of salt or chemicals, it is practically maintenance free. The EcoProTech™ solution will need to have additional media added every 1 to 2 years based on your water use and water conditions and can be easily accomplished by your EcoWater Professional.

Q: Is the PTT media in the EcoProTech™ Anti-Scale system from EcoWater safe for my family?

A: EcoWater PTT patented media is certified to NSF-61 for health effects and approved for daily household water usage.

Product Specifications

	ETF2100SM10	ETF2102SM10C
Whole Home Anti-Scale	✓	✓
Whole Home Carbon Filtration		✓
Salt Free & Chemical Free	✓	✓
Max Flow Rate @ 15 psi Pressure Drop (gpm)	20	20
NSF	✓	✓
Tested to DVGW W512	✓	✓

Water Chemistry & Limitations

pH	6.0 to 9.0
Hardness (maximum)	25 grains
Chlorine	<3 ppm
Iron (maximum)	0.3 mg/L
Manganese (maximum)	0.05 mg/L
Copper	none allowed
Oil & H ₂ S	none allowed
Polyphosphate	none allowed
Silica (maximum)	10 ppm
Temperature (°F)	35 – 120
Pressure (psi)	20 – 125



Your Water. Perfected.™



Tested and certified by the Water Quality Association under NSF/ANSI 372 standard for low lead content. Not certified for contaminant reductions by the Water Quality Association.



Designed, Engineered & Assembled in the U.S.A.



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ECOWATER
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Your Water. Perfected.



EcoProTech™
Anti-Scale Systems

Let us Perfect your water and Protect your plumbing.

Product Overview

The EcoProTech™ Anti-Scale solution from EcoWater addresses the typical problems associated with hard water* without the use of salt or chemicals and without the wasted water of whole home reverse osmosis and ion exchange processes.

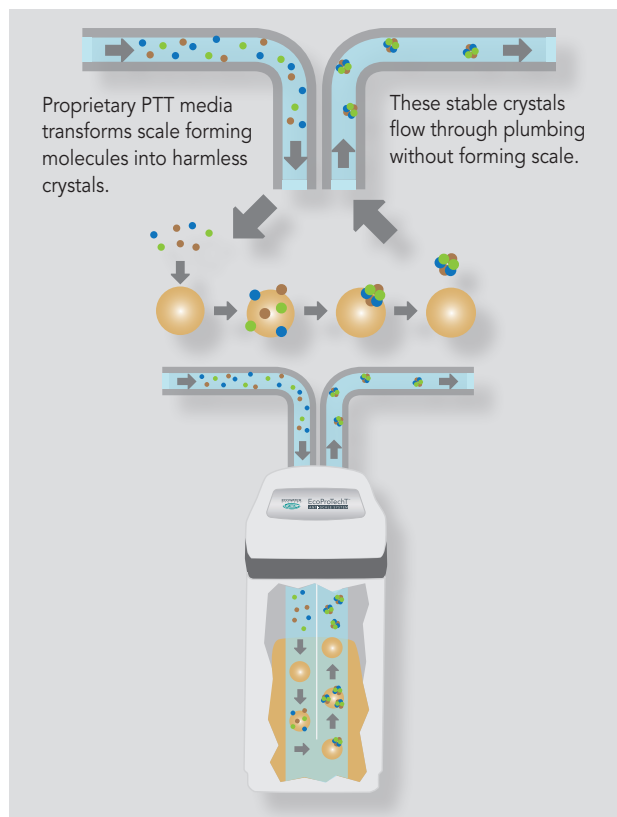
**Reduces build-up of scale in heating elements, pipes, water heaters*

**Reduces stains and white-crusty deposits on fixtures and dishes*

EcoProTech™ Anti-Scale product is NOT a water softener. It does not remove calcium and magnesium from water as softeners do. It is a scale management solution using proprietary PTT media. The PTT media converts hardness minerals from their ion form to a small crystalline form. This crystalline form does not readily attach to pipes, appliances and fixture surfaces. In fact, these microscopic crystals are simply rinsed away by the normal flow of water.



How PTT Media Works



-  No waste water, no drain required
-  No salt bags or other chemicals to constantly add
-  No electricity
-  Limited maintenance free
-  Environmentally friendly solution
-  Save money and improve efficiency of water heater and downstream plumbing
-  Simple plumbing installation

Benefits of EcoProTech™ (Model ETF2100SM10)

- Reduces hard water scale from forming in plumbing and appliances
- Upflow design for increased contact time with media and improved flow rates
- Zero waste water, no drain required
- No backwashing and zero discharge
- Virtually maintenance free
- Consistent scale control performance
- Uses environmentally friendly "green" technology
- Long-lasting media needs no regeneration
- Can be installed inside OR outside (*If protected from freezing weather*)
- By-pass valve for easy maintenance and servicing

Additional Benefits with EcoProTech™ Plus (Model ETF2102SM10C)

- Removes chlorine taste and odor
- Softer skin and hair
- Great tasting coffee and tea
- Does **NOT** waste water
- NO DRAIN required

