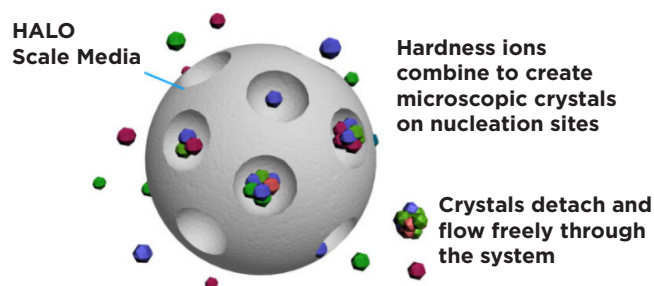# H₂zero

## Template Assisted Crystallization

## How does HALO Scale Media work?

**HALO Scale Media** granules provide nucleation sites that cause dissolved calcium, magnesium and bicarbonate to combine into microscopic crystals. Once formed, these crystals detach from the media, and flow freely through the system.



**HALO Scale Media**

**Hardness ions combine to create microscopic crystals on nucleation sites**

**Crystals detach and flow freely through the system**

The **HALO H2 Zero** System provides protection from scale formation on internal plumbing surfaces. The **HALO H2 Zero** may be installed at the point-of-entry to a building to treat both hot and cold water.

**HALO Scale Media** prevents scale by transforming dissolved hardness minerals into harmless, inactive microscopic crystal particles. These crystals stay suspended in the water and are passed to the drain, thereby having a greatly reduced ability to react negatively like dissolved hardness does. The system requires very little maintenance, no backwashing, no salt, and no electricity. Typical hardness problems, especially build-up of scale in pipes, water heaters, boilers and on fixtures are no longer a concern.

The **HALO H2 Zero** is not a water softener or a chemical additive (like anti-scalants or sequestrants). It is a scale prevention device with proven third party laboratory test data and tears of successful residential and commercial applications. **HALO Scale Media** is the one water treatment device that effectively provides scale protection and is a great salt-free alternative to water softening (ion exchange) or scale sequestering chemicals.

## Features

- Chemical-free prevention and protection - converts hardness minerals to harmless, inactive microscopic crystals making **HALO Scale Media** an effective alternative technology to a water softener for the prevention of scale due to water hardness

- Maintenance free - no control valve

- Uses environmentally friendly technology by using **ZERO** salt or other chemicals to constantly add, **ZERO** electricity and **ZERO** wastewater

- Improves efficiency of all water using appliances - both hot and cold

- Simple sizing & installation - all you need to know is pipe size and peak flow rate