



## The Ultimate Tankless Hard Water Solution

### ● Maintains Efficiency

Maintains maximum output capabilities and efficiency of a water heater, boiler or tankless unit and downstream plumbing components.

## NO SCALE

### ● Environmentally Friendly

The “green” alternative to water softeners. Uses no chemicals or salts. Does not produce wastewater or use any electricity.

## NO SALT

### ● Low Maintenance

Virtually maintenance free. Cartridge replacement every 2 years. Extends life of heating system components. Reverses existing scale problems.

## EXTENDS LIFE

Scale build up can accumulate inside water heaters and boilers, especially in hard water areas. Lime scale deposits tend to thrive with the high heat ranges typically found in these appliances. This hard water build up can rob your appliance of its efficiency and even cause it to break down prematurely.

### ● The Ultimate in Scale Protection

H<sub>2</sub>FLOW is the answer to effectively handle hard water scale build up that can affect the performance of your appliance. This breakthrough technology has now been made available for all water heater types, including tankless, boilers, and tank type water heaters. H<sub>2</sub>FLOW is an economical solution to hard scale build up that can help to protect your appliance for years to come.

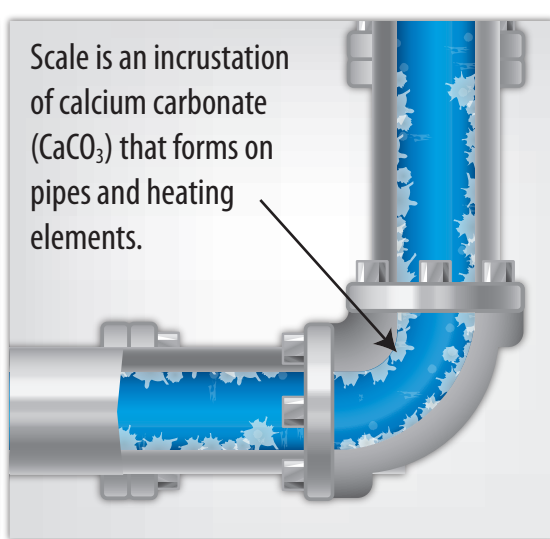
### ● Features

- H<sub>2</sub>FLOW is not a water softener. No salt or chemicals to add or maintain & no discharge.
- Compact design allows for installation in tight areas.
- Economical and efficient. Very low maintenance.
- Retains “beneficial minerals” in water and produces no waste water.
- Inlet ball valve for easy isolation shutoff and filter changes.

## What is scale?

- Scale is primarily composed of calcium, magnesium and bicarbonate.
- Scale deposits grow over time and are highly insoluble, making scale extremely difficult to remove once formed and often leading to costly remediation efforts.
- Hard water contains a high scale content. More than 85% of American homes have hard water

Scale is an incrustation of calcium carbonate ( $\text{CaCO}_3$ ) that forms on pipes and heating elements.



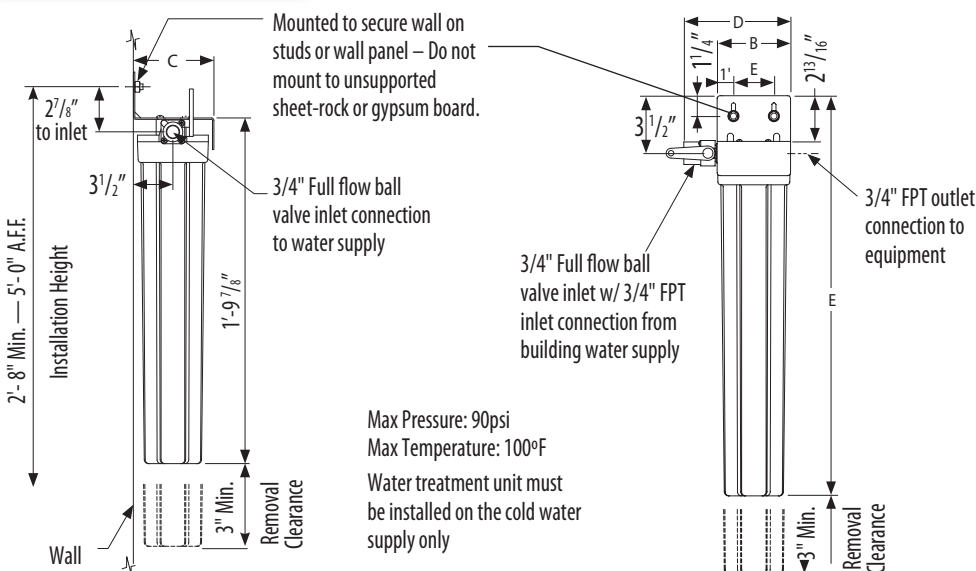
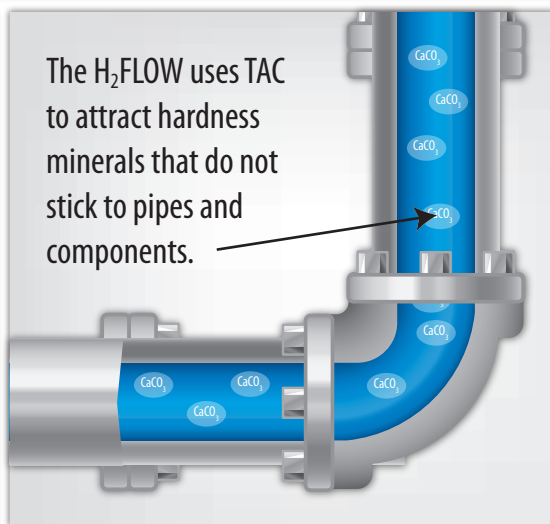
## Why is scale harmful?

- Scale reduces the inner diameter of pipes and elbows, ultimately leading to restrictions in flow rate and pressure loss problems in systems.
- Scale often becomes encrusted on internal moving parts of valves & components, affecting their intended purpose or worse, causing safety failures.
- In a boiler or water heater, heating elements can become coated with scale, reducing system efficiency and increasing operating costs for end users.

## How does H<sub>2</sub>FLOW help?

- H<sub>2</sub>FLOW media uses template assisted crystallization (TAC) to attract hardness minerals and convert them into harmless "soft" scale particles that do not stick to pipes and components.
- The harmless crystals will not stick to your pipes, tankless water heater or other downstream components.
- H<sub>2</sub>FLOW achieved a 99.6% effectiveness rating in scale prevention.

The H<sub>2</sub>FLOW uses TAC to attract hardness minerals that do not stick to pipes and components.



Dimensions										Weight	
A		B		C		D		E			
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs
26	66	7 <sup>3</sup> / <sub>4</sub>	20	8 <sup>5</sup> / <sub>8</sub>	23	9 <sup>13</sup> / <sub>16</sub>	25	5 <sup>3</sup> / <sub>4</sub>	15	19	8.6

The overall height and the height of the inlet fitting varies due to material variations and assembly tolerances. Please allow additional clearance above the filter for making connections.

Product	Part Number
H <sub>2</sub> FLOW (contains 1 cartridge)	H2F
Replacement Cartridge	H2FC