

Insignia Water Processor



The Magnetic Scale Reducer works by reducing the random bonding of the calcium and magnesium molecules that cause limescale build up.

Introduction

Magnetic scale reducers encourage coagulation, by reducing the random bonding of the calcium and magnesium molecules that cause limescale build up. In areas where irritating hardness deposits form in shower heads or on kettle elements the magnetic scale processor works as a water conditioner. Any scale that does form will be less tenacious and more easily removed.

1. Contents

1 x Stainless steel water processor

2 x Plastic securing clips

2. Installation

NOTE: Always ensure water is isolated before installation.

The installation of the processor does not require any electrical current.

1. Remove both end caps from the cartridge, careful not to lose the rubber washer located in the water outlet cap. No washer is supplied with the water inlet.
2. Note the directional flow on the back of the cartridge as shown below:



3. Choose your location for the cartridge and attach the wall mounting clips as shown below. The cartridge can be installed horizontally or vertically, but always follow the flow direction.



4. An accessible position should be between 1m and 3m from the appliance it is intended to protect

5. The “water in” requires a ½” BSP connection, either flexible hose or rigid fix.

6. The “water outlet” requires a ½” BSP female connection, either flexible or ridged fix.

7. Once both ends are connected, turn on the water and check for leaks. If present, isolate water and remedy the fix accordingly.

NOTE: If installing directly on to a steam generator, the water outlet thread can be screwed directly on to the steam generator water inlet valve.

Technical Spec:

- Specification: $\Phi 51\text{mm} \times 160\text{mm}$
- Materials: Stainless Steel 304
- Water flow: Direction noted on the side of the cartridge
- Scale inhibition theory: Magnetic lines cutting
- Suitable water temperature: 2-120°C
- Maintenance: Not Required
- lifespan: 8-10 years
- Main benefit: Reduce Scale inhibition
- Earth bonding continuity not required

IMPORTANT!

- The water utilities cannot be held responsible for the quality of the water passed from this reducer.
- Magnets may affect or interfere with sensitive mechanical and electronic equipment such as heart pacemakers, computers, magnetic media and watches.
- Always keep magnets at least 300mm away from such devices