

## Main specifications of an X-factor electronic control

### Innovative configuration panel design

- ✓ Unprecedented esthetic

### Three regeneration modes

- ✓ Immediate regeneration
- ✓ Differed regeneration according to water consumption
- ✓ Differed regeneration according to calendar days

### Other characteristics

- Double backwash feature offers optimum regeneration, cleaning ability and efficiency.
- Stores the operations data and the system's configuration in non-volatile memory.
- Days override feature (1-28 days available). Possibility to activate regeneration even if the quantity of gallons permitted were not used.
- 2 years autonomy of data back up following a power outage.
- Upflow or downflow regeneration.
- Requires less maintenance compared to other valve brands.
- Requires no tools for repair or maintenance.
- Configure your system with other valves of the same family.



Reserved for retailer



Discover  
pure and soft water

Exclusive  
**X-factor**  
System



## Unsure of your water?

It is sometimes difficult to detect the water hardness and the presence of contaminants. An effective way to confirm the presence of contaminants is to have a sample of your water analyzed by a professional technician or an accredited laboratory.

## How to solve these problems?

The installation of the conditioner X-factor System will solve these problems in a durable, effective, ecological and economic way.

## Main specifications of an X-factor electronic control

### Programming

- ✓ Color specific display: screen changes to several colors including red when an error occurs.
- ✓ Capable of triggering multiple regenerations in one day.
- ✓ Possibility to modify the length of each and every cycle.
- ✓ There are two relay inputs in order to connect the valve to an external source (Ozonator, dosing pump).

## Specifications

### Flow rates

Service @ 15 psi drop [includes bypass and meter] ..... 27 gpm  
Backwash @ 25 psi drop [includes bypass] ..... 27 gpm

### Operating pressures

Minimum/Maximum ..... 20-125 psi

### Operating temperatures

Minimum/Maximum ..... 40°-110°F

### Meter

Accuracy ..... +/- 5%  
Flow Rate Range ..... 0.25 - 27 gpm  
Gallon Range ..... 20 - 50,000 gallons

### Dimensions

Distributor Pilot ..... 1.050" OD Pipe (1/2" NPS)  
Drain Line ..... 1/2" or 1" NPT  
Brine Line ..... 1/2" or 1/4" OD Poly Tube  
Mounting Base ..... 2 1/8" - 8 NPSM  
Height from Top of Tank ..... 7 3/8"

### Electrical specifications

Supply Voltage ..... 120V AC  
Supply Frequency ..... 60 Hz  
Output Voltage ..... 12V AC  
Output Current ..... 500 mA

## Why should we treat our water?

Water may seem clean and clear, but pure water is not found in nature. Water can contain many types of contaminants such as:

- Calcium and magnesium (hardness)
- Ferrous Iron
- Ferric Iron
- Acid water

## How to detect hard water?

- Your bathtub, your shower doors and the surfaces of your ceramic tiles are stained.
- Your clothes, dishes and glasses are also stained.

## Other problems caused by hard water

Hard water can cause unperceivable problems from the accumulation of scale in plumbing appliances, pipes and the water heater. Important scale deposits can reduce the water flow in the pipes and greatly reduce the effectiveness of your water heater, which means there is loss of heating energy and reduction of the appliance's lifespan. Soft water protects all plumbing.

## Other frequent problems

- 1 Presence of iron which settles on the walls of pipes, stains clothing and leaves a metallic taste in foods and beverages.
- 2 Presence of ferrobacteria appearing in the form of a reddish deposit in the water (stained toilet bowl). This may compromise the proper functioning of the toilet.
- 3 The water acidity can cause corrosion of pipes and sanitary appliances.





## **X-Factor Series Iron/Sulphur Remover - FEATURES**

- **Supports flow rates up to 20 GPM**
- **Fully programmable digital control valve**
- **Stores system configuration in firmware, preventing loss of settings**
- **User-friendly program configuration**
- **Built-in air draw vent directly on the valve**
- **An efficient 12-volt AC adapter translates operational costs to less per annum**
- **Lithium battery backup cell**
- **Removes up to 10 mg/L of both ferrous and ferric iron**
- **Removes up to 10 mg/L of sulphur**
- **Removes up to 2.5 mg/L of manganese**
- **Fully automatic self-sufficient operation**
- **Vortech inside**
- **Illuminated digital display**
- **Automated service reminder**
- **High efficiency**

