

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.



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Hills & Valley
Water Systems

Discover
pure and **soft** water



Exclusive
X-factor
System





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 ferrobacterias 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.

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.

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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 (¾" NPS)
Drain Line ¾" or 1" NPT
Brine Line "or ½" OD Poly Tube
Mounting Base 2 ½" - 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

