



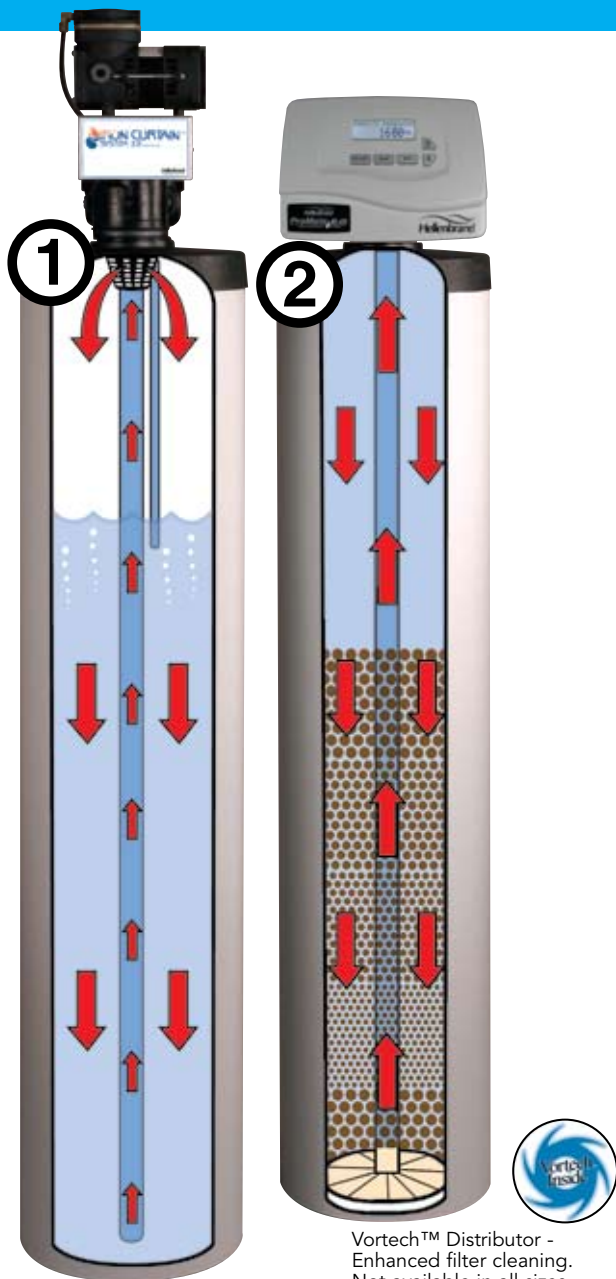
## PM6.0-IC-2.0 Series



# Iron Free Water

Recent Upgrades and Patents Make The Iron Curtain Even More Environmentally Friendly

# Only the Best Water Gets Past the Iron Curtain.



The **IRON CURTAIN™** SYSTEM 2.0 provides a chemical free option for iron, sulfur odor, and black manganese removal.

#### *Ecologically friendly –*

- The IC System is a “Green Technology”

#### *No Harmful Chemicals*

- Results in low-cost operation
- No damage to plants and animals
- No hazardous chemicals in the home

#### *Produces highly oxygenated water*

- Free from odor
- Free from problem causing rust
- Eliminates black staining

#### *Patented technologies*

- Sixteen years of proven reliability
- Recently updated patents and features improve efficiency

#### *Higher water flow rates than competing systems*

- High-flow control valve
- Reduced pressure loss in the home
- Custom designs for larger homes

#### *Double tank systems*

- Provides better iron and odor removal
- More efficient than simple single tank configuration

#### *Self-diagnostic software controls*

- Informs the homeowner about system operation;
  - Flow rates
  - Operation sequence
  - Time and maintenance schedule
  - Local service provider’s phone number

## How does an Iron Curtain Work?

1. Mineral-rich water is forced through an aeration tank ① which converts dissolved minerals such as iron, manganese and sulfur into physical particles.

2. These tiny mineral particles then circulate in the system for enough time to grow to a size where they are trapped in the filter tank. ② This way, the highest level of dissolved minerals can be easily removed from your water.



Better in the kitchen.



Better in the laundry.



Better in the bathroom.

### Benefits of the ProMate 6.0 Iron Curtain™ Filter System

- Saves time and money cleaning rust stains in the bathroom, kitchen and laundry
- Clothing will be brighter, whiter and last longer.
- Decreases salt consumption for your water softener.
- Water using appliances and fixtures last longer and stay cleaner.
- Lengthens the life of your water softener and drinking water systems.

### NEW! IC-2.0 Technology Upgrade

The new IC-2.0 technology marks the first major upgrade to the original and proven 1992 patented Iron Curtain System. Called the most reliable and best iron and sulfur (rotten egg odor) system design by leading water treatment professionals in the industry.

### Why The Iron Curtain Filter System is Better Than Our Competitors:

- The Iron Curtain System has been independently tested by the Water Quality Association and passed their rigorous S-200 filter standards. Many competitors products have not!
- A properly sized Iron Curtain system regenerates with no salt every three days. Many of our competitors systems need to regenerate daily. The Iron Curtain saves you water! These savings could be as much as 2,000 gallons per month
- The multi-media depth filter in the Iron Curtain is proven by independent testing to be more effective on iron filtration and H<sub>2</sub>S (rotten egg odor) than the single media our competitors use.
- The Iron Curtain Filtration System is available in single, twin, triplex and four-plex filter configurations covering a wide range of flow rate applications from 5 gpm (gallons per minute) to over 800 gpm. There is a Hellenbrand Iron Curtain Filtration System for virtually any residential, commercial or industrial application.

Model Number	Max. Service Flow Rate (GPM)	Backwash Flow Rate (GPM)
PM6.0-IC10 2.0	5.0	5.0
PM6.0-IC12 2.0	7.0	8.0
PM6.0-IC13 2.0	8.0	10.0

1. Maximum service flow rates are for intermittent household use only.
2. Minimum of 30 psi required at backwash flow rates listed.
3. Water temperatures above 60°F will require higher backwash rates.
4. Always have your water tested before you purchase any water treatment system.
5. See owner's manual for specific operating conditions and limitations.
6. Contact your dealer or factory for larger flow rate applications.



# The ProMate 6.0 Control is User-Friendly and Reliable

## Dealer Benefits

### Powerful ProMate® 6.0 Control

- Constant digital display rotates showing:
  - Dealer name and phone number
  - Days/capacity remaining
  - Time of day
  - Current flow rate
- User friendly electronics continually monitor:
  - Days since last regeneration
  - Gallons used since last regeneration
  - Gallons reserve capacity
  - Maximum flow rate for the last 7 days
  - Total number of regenerations
- Programmable feature ensures filtered water meets your changing water usage with variable reserve, calendar day override, optional pressure drop override, and delayed or immediate regeneration.
- Permanent memory ensures no programming is lost in case of power failure.
- PM 6.0 software allows a lithium battery to maintain the time of day for up to 2 years during power outages.
- Corrosion resistant valve body and mineral tanks for longer life.
- Chemical feed options are available to control nuisance bacteria.
- Service reminder screen alerts you when preventative maintenance is required.
- No raw water by-pass is available for 24/7 filtered water applications.
- Filtered or alternative source of water for backwash is available.



- Modular Design.
- Non-Corrosive Valve Body & Internals.
- One Piece Stack Assembly.
- No Nuts, Bolts or Screws.
- Disassemble and Reassemble in Minutes.

## Hellenbrand Warranty

Hellenbrand warranties every Iron Curtain Filtration System in accordance with the Magnuson-Moss Warranty Act. Ask your Iron Curtain Dealer for full details.

## No Obligation Water Analysis

Your Hellenbrand Dealer will be happy to test your water to determine the best system for you. Always have your water tested before you purchase a water treatment system.



Hellenbrand's continuing effort to help save our environment, this brochure was printed on recycled paper.



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Your Hellenbrand Dealer:

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