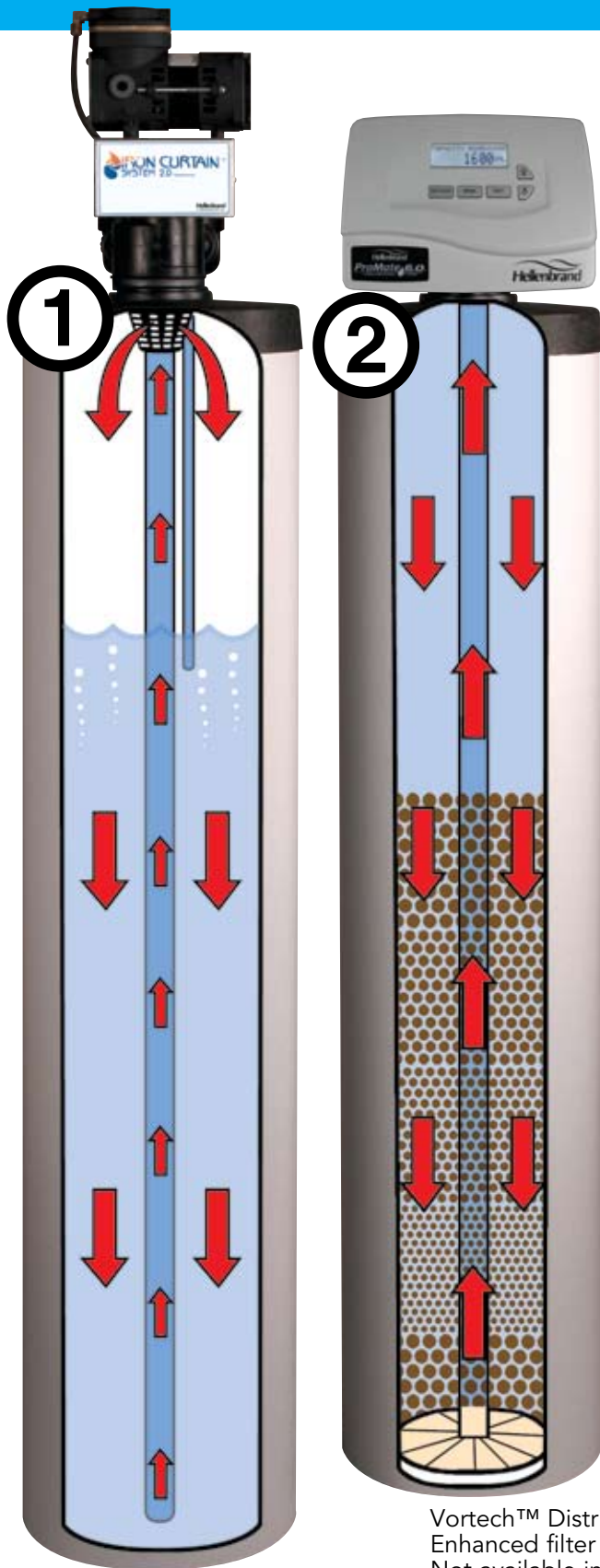


# PM6.0-IC-2.0 Series



# *Iron Free Water*

# Only the Best Water Gets Past the Iron Curtain.



The Iron Curtain™ Filtration System is among the simplest, most economical and effective iron filters available. It removes iron, sulfur, and manganese from water.

The reason your water can taste, look and smell so bad is the incredibly high concentrations of dissolved minerals. You can't see or feel them, but they're there! And you can sure smell and taste them.

Your iron water passes through an aeration tank which converts dissolved minerals such as iron, manganese, and sulfur into physical particles. These particles continue circulating in the tank long enough to grow to a size where they can be trapped in the filter. The Iron Curtain Filtration System then removes these minerals . . . leaving clean, good smelling, good tasting water.

The Iron Curtain is the best solution the industry has to offer. It's unique operation reduces cost and maintenance while delivering years of trouble-free service.

## 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 bathroom.



Better in the laundry.

### 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. This new technology gives you:

- Individual factory by-pass valves for both the aeration tank and filter tank assemblies.
- Reduced installation materials.
- Reduced installation time.
- Reduction in regeneration water.
- Independently time controlled air recharge cycles up to 24 times per day for greater oxidation capabilities.
- Corrosion resistant valve body.
- Built-in pressure relief valve.
- Less service on air compressor and longer life.
- Modular design for ease of service.

### The Iron Curtain

- Requires no chemicals or salt for operation or regeneration.
- Requires no air injectors, venturis or micronizers.
- Removes dissolved and precipitated iron.
- Increases the pH of acid water on type "A" systems.

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.

### 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.

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

## 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.
- Safe 12-volt operation uses less than \$2 of electricity per year.
- 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.



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Your Hellenbrand Dealer:

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