

# Hellenbrand®

## ProMate 6.0-Iron Curtain Jr Series

### IRON CURTAIN® JR SYSTEM

## A Chemical Free Option for Iron & Sulfur/Rotten Egg Odor



“Green Technology”



## Achieve Aqualibrium.™



Hellenbrand treated water is in perfect balance and harmony with our lives, our homes and the environment. A Hellenbrand home enjoys water that brings health and vitality to your family. It's water the way nature intended, free of unwanted minerals.

Our ProMate 6.0 Iron Curtain Jr (PM6-IC Jr) Series of water filtration equipment is designed with that goal in mind. Providing you with proven technology and unmatched performance. The PM6-IC Jr filters your water naturally – resulting in water that's better tasting, better for your hair, skin and nails, while gentler on household appliances, fixtures and plumbing. And the PM6-IC Jr is specifically designed to use less energy and water than other competitive brands.

With over 200 years of combined experience in the water conditioning industry, Hellenbrand is the first family of water treatment.

Achieve water in perfect balance and harmony. Achieve Aqualibrium with Hellenbrand.

### Ecologically Friendly

- > The Iron Curtain 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 caused by oxidized manganese

### Higher flow rates

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

### Single tank system

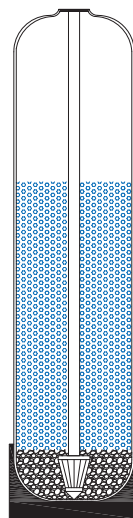
- > Economical option for moderate iron and rotten egg odor

## Only the Best Water Gets Past the Iron Curtain Junior.

The Iron Curtain Junior System is the chemical-free alternative for removing iron, sulfur odor, and black manganese.

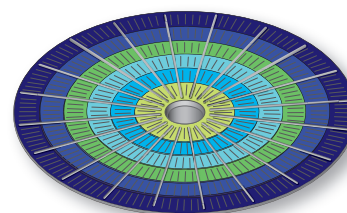
Hellenbrand's distribution plate has 56% more surface area on 10" diameter systems than standard systems with a cone type distributor, and runs the full width of the tank diameter for significantly improved performance.

- > Improved bed expansion in backwash provides better cleaning of bed.
- > Less water is required to backwash the ProMate-6® Iron Curtain® Junior Filter System.

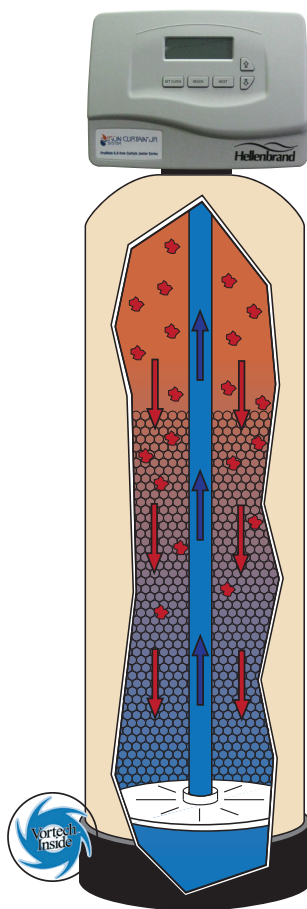


Standard Tank

Array (starting at center)	% Increase of open area with respect to Array No.1
Array No. 1	
Array No. 2	100%
Array No. 3	200%
Array No. 4	300%
Array No. 5	400%
Array No. 6	500%



Vortech™ Mid-Plate



Vortech™ Distributor - Enhanced filter cleaning. Not available in all sizes.

## How Does the Iron Curtain Junior System Work?

- 1 Mineral-rich water passes through a head of oxygen rich air, which converts dissolved mineral such as iron, manganese and sulfur into physical particles.
- 2 These mineral particles then flow through the filter tank where they are trapped. This way the highest level of dissolved minerals can be easily removed from your water.
- 3 When the head of oxygen rich air nears depletion, the ProMate-6 controller automatically puts it into an air recharge and cleaning cycle.
- 4 During the cleaning cycle, our specially designed Vortech system (cyclonic spinning and lift) flushes the heavy iron, that conventional filters may miss, to the drain during off peak hours.
- 5 The ProMate-6 regeneration frequency can occur based on days and/or gallons being filtered.

## Why the Iron Curtain Junior System is Better Than Our Competitors

- > A properly sized PM6-IC Junior requires no chemicals and regenerates every three days depending on your water use and/or minerals.
- > Removes oxidized iron, rust particles and odor which water softeners alone are not designed to do.
- > The multi-media depth filter in the Iron Curtain Jr. is proven by independent testing to be more effective on iron filtration and sulfur (rotten egg odor) than the single media our competitors use.
- > The multi-media Iron Curtain System is available in 10" and 12" sizes for differing flow rate requirements.



## Benefits of the Iron Curtain® Junior 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.

### Hellenbrand Warranty

We back every product with a complete commitment to customer satisfaction and offer one of the most comprehensive product warranties in the water treatment industry. For more information, go to [www.hellenbrand.com](http://www.hellenbrand.com).

### 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.

**Easton's**  
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**WATER CONDITIONING**

**Easton's Water Conditioning**

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