

Hellenbrand[®]

ProMate-6.0 Iron Curtain Series



STORM



The Natural Power of Ozone





What's In Your Water?™

Potential Impact From the Atmosphere

- Smoke
- Dust
- CO₂
- Industrial Pollutants

Potential Impact From Soil

- Pesticides
- Fertilizers
- Animal Waste

Potential Impact From Bedrock

- Radioactivity
- Hardness
- Hydrogen Sulfide
- Arsenic
- Nitrate
- Iron
- Sodium

Potential Impact From Water Sources

- Phosphates
- Chlorine
- Mercury
- VOCs
- PCBs
- Lead
- Disinfection Byproducts

The Natural Power of Ozone

- > Ozone (O₃) is 1.5 times stronger oxidizer than chlorine and many times faster acting
- > Ozone (O₃) readily changes iron to rust particles that are filtered out with the ProMate 6 Iron Curtain Storm
- > Ozone (O₃) also converts "rotten egg" odor into harmless sulfur byproduct that is filtered out with the ProMate 6 Iron Curtain Storm
- > Eliminates the need for chemical feed pumps on iron bacteria or sulfate-reducing bacteria
- > No more mixing of chemicals like chlorine, hydrogen peroxide and potassium permanganate
- > Environmentally responsible and safe for septic systems

Achieve Aqualibrium.™

Hellenbrand treated water is in perfect balance and harmony with our lives, our homes and the environment. It is water the way nature intended, free of unwanted minerals.

Our ProMate 6 Iron Curtain Storm does just that, uses nature's way of cleaning our environment to clean your water. With the latest technology, we are using ozone to clean your water of contaminants. Removing unwanted minerals and providing you with odor and stain free water.

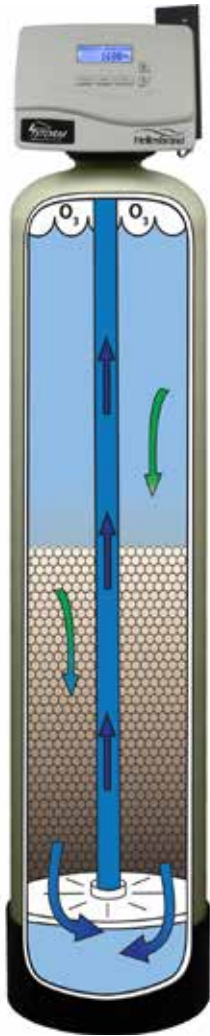
With over 200 years of combined experience in the water conditioning industry, Hellenbrand is the first family of water treatment.

Features

- > Low maintenance system
- > No chemical feed pumps to maintain
- > Septic system safe
- > Disinfection properties with Ozone (O₃)
- > Improves taste

Removes and Reduces

- > Iron
- > Iron bacteria
- > Sulfur
- > Sulfate reducing bacteria
- > Manganese
- > Organic & musty smell



How Does the ProMate 6 Iron Curtain Storm Work?

- 1 Untreated water is forced through the head of ozone in the top of the tank which converts dissolved minerals such as iron and manganese into particles. Sulfur and iron bacteria, common nuisance bacteria, are destroyed by exposure to ozone.
- 2 Particles are filtered as the water moves through the filter bed and out to service.
- 3 The ProMate 6 controller automatically initiates a regeneration cycle based on number of days or number of gallons through the system. During regeneration the trapped particles are flushed to drain. A fresh head of ozone is provided by the ozone generator during the regeneration cycle.



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

Why the Storm is Better Than Our Competitors

Ecologically Friendly

- > The Storm System is a "Green Technology"

No Harmful Chemicals

- > Results in low-cost operation
- > Environmentally safe for septic systems
- > No hazardous chemicals in the home
- > No damage to plants and animals

Produces Highly Oxygenated Water

- > Free from odor
- > Free from problem-causing rust

Minimal Pressure Loss

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

Self-Diagnostic Software

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

Problems In Your Water?

Rust Stains



Rotten Egg Odor



Iron/Sulfate Reducing Bacteria



Benefits of the ProMate 6 Iron Curtain Storm System

- > Eliminates rust stains in the bathroom, kitchen and laundry; saving you time and money on cleaning
- > Clothing will be brighter, whiter and last longer
- > Water-using appliances and fixtures last longer and stay cleaner
- > Lengthens the life of your water softener and drinking water systems



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