# PURONICS Defender iGen

The Next Generation of Ionics® Solution

## Patented iGen® Computerized Control with SilverShield® HYgene® Monitor

- iGen® intelligent digital microprocessor controls system operations
- Notifies homeowner when SilverShield® HYgene® Bacteriostatic filter needs to be replaced based on water volume
- Maintains 60 days of water usage history to maximize backflush/ recharge efficiency
- Double backwash ensures a clean filter media bed
- Built-in diagnostics ensure consistent superior quality water
- Creates auto reserve so you never run out of quality water
- Durable, corrosion resistant 1" control valve construction guarantees years of trouble-free, efficient operations
- Downflow brining system ensures minimum water usage and efficient salt dosage

## NASA Technology at work in your home

MicroSilver Bacteriostasis™ Technology is based on NASA silver ion technology developed to purify water on the Space Shuttle Orbiters.

SilverShield® HYgene® filter media incorporates MicroSilver Bacteriostasis™ Technology into activated carbon to inhibit bacteria growth within the system's filter media while reducing objectionable tastes and odors.



Distributor Assembly

**Potassium** 

or Salt Solution

### iGen® Digital Control Valve \_

#### Multi-Layered Tank \_\_

- Inner laver of Polvethylene
- Durable outer fiberglass layer

#### MicroSilver Bacteriostasis™ Technology\_

Microscopic particles of silver are embedded into SilverShield® HYgene® media to inhibit bacteria growth within the filter media bed

#### Refiner.

 SilverShield® HYgene® media reduces objectionable chlorine and chloramine tastes and odors

#### Conditioner -

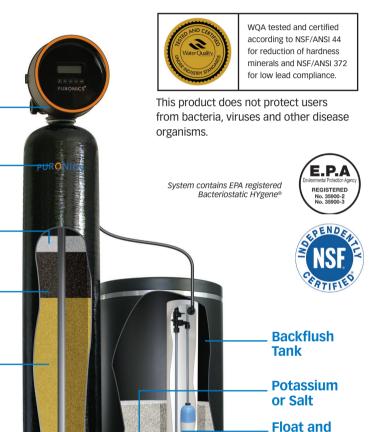
- High-Capacity S-759 monospheric resin has uniform sized beads for higher flow rates and efficiencies
- Reduces iron, turbidity and hardness

#### Clarifier\_

Silica gravel polishes water to a sparkling clarity

This system is designed for use with municipal water or private well water that has been chlorinated. Any non-chlorinated private well application should use the well version of this system without HYgene®.





Contaminants or other substances which can be removed by the Puronics® Defender™ iGen® system are not necessarily in your water. Operational maintenance and replacement requirements are essential for the product to perform as advertised. Actual savings achieved are dependent on your particular spending habits and usage levels.



The Next Generation of Ionics® Solutions

Manufactured by Puronics Water Systems, Inc.