

PURONICS® Defender™ iGen

The Next Generation of Ionics® Solutions

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.



WQA tested and certified according to NSF/ANSI 44 for reduction of hardness minerals and NSF/ANSI 372 for low lead compliance.

iGen® Digital Control Valve

Multi-Layered Tank

- ▶ Inner layer of Polyethylene
- ▶ 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®.

This product does not protect users from bacteria, viruses and other disease organisms.

System contains EPA registered Bacteriostatic HYgene®



Backflush Tank

Potassium or Salt

Float and Distributor Assembly

Potassium or Salt Solution

Your Authorized Independent Dealer:



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.

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Manufactured by Puronics Water Systems, Inc.