

# PURONICS® Defender™ MV

The Next Generation of Ionics® Solutions



## On a budget? Problem water? Puronic® is your best defense.

The Puronic® Defender™ MV water conditioner is the budget-minded solution to supplying high quality water in an energy efficient manner. With the affordable Defender™ system, your family can enjoy the benefits of SilverShield® Protection conditioned water without any worry of sinking under the cost. The metered control valve monitors water usage in your household to save you even more on electricity, salt and sewage taxes. Even consumers with the most challenging water supplies depend on Puronic® to meet their needs with the highest quality water and most efficient performance available.

Hair and skin are soft and silky



Food tastes better



Dishes are cleaner



Better tasting beverages

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## Metered Control Means Cost Control

- ▶ Automatically meters any changes in water usage
- ▶ Initiates regeneration cycle only when ion exchange resin nears exhaustion
- ▶ Saves on salt consumption (up to 40%), water usage and sewage taxes

## 6-Cycle Noryl Control Valve

- ▶ Durable, corrosion resistant construction
- ▶ Guarantees years of trouble-free operation
- ▶ Downflow brining system ensures minimum water use during each regeneration cycle
- ▶ Accurately measures required salt dosage for extremely efficient regeneration process

## 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®.

Your Authorized Independent Dealer:

## 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.



Backflush Tank

Potassium or Salt

Float and Distributor Assembly

Potassium or Salt Solution

Contaminants or other substances which can be removed by the Puronics® Defender™ MV 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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