



AQUA MAGIC WARDEN

Warden Series

Designed to provide crystal clear, fresh-tasting water! Advanced encapsulated membrane technology offers industry-leading water recovery, meaning less water down the drain, and no hassle of handling raw membrane elements. Every system is engineered with high-quality components and an innovative design.



Warden, 3-Stage RO System

- ✓ Sediment/Carbon Pre-Filter
- ✓ RO Membrane, Encapsulated
- ✓ Carbon Block Post-Filter



Warden LP, 4-Stage RO System

- ✓ Sediment Pre-Filter
- ✓ Carbon Pre-Filter
- ✓ RO Membrane, Encapsulated
- ✓ Carbon Post-Filter

* Also Includes High Flow Booster Pump *

Standard Features

- ✓ Superior Pre-Treatment Filter
- ✓ Final Polishing Post-Filter
- ✓ Pentek® Encapsulated GRO Membrane
- ✓ Pre-Installed Permeate Check Valve
- ✓ Automatic Shutoff Valve
- ✓ John Guest® Quick Connect Fittings
- ✓ 4.4 Gallon Metal Storage Tank
- ✓ Long Reach Chrome Faucet
- ✓ Installation Parts Packet
- ✓ Double Coated Gloss White Frame
- ✓ Easy to Follow User Manual
- ✓ Assembled in the U.S.A.

NEW Water Saving Technology!



Conserves Water: Twice the recovery rate over conventional RO systems!

Encapsulated Membrane: Makes servicing fast and easy with less chance of membrane contamination.

Reverse Osmosis – How it Works

In the reverse osmosis process, water is forced under pressure through a semi-permeable membrane to reduce the dissolved mineral content of the water. The membrane allows water molecules to pass through, but blocks/hinders the passage of dissolved substances and suspended particles. This process reduces the levels of dissolved salts, minerals, and suspended particles, while improving the taste, odor, and clarity of the water.

Certain contaminants found in water are measured as Total Dissolved Solids (TDS). Unlike the more common standard filtration systems, reverse osmosis systems divide the feed water into two streams: product water (“permeate”) and drain/rejection water (“concentrate”). The product water is the desired outcome of the RO system – much cleaner and fresher tasting water! The drain/reject water is vital for carrying away the dissolved salts, minerals, and suspended particles. Unlike conventional filtration systems, the majority of contaminants removed from your water are not held onto within the system, but instead flushed away.

Ion	Aprx. Rejection Rate (%)
Aluminum	97 – 98
Ammonium	85 – 95
Bromide	93 – 96
Cadmium	93 – 97
Calcium	95 – 98
Chloride	92 – 98
Chromate	85 – 95
Copper	96 – 98
Fluoride	93 – 95
Iron	96 – 98
Lead	95 – 98
Manganese	97 – 98
Mercury	95 – 97
Nickel	97 – 98
Nitrate	90 – 95
Phosphate	95 – 98
Polyphosphate	96 – 98
Potassium	92 – 96
Silica	85 – 90
Silver	95 – 97
Sodium	92 – 98
Thiosulfate	97 – 98
Zinc	97 – 99

Feed Water Parameters

	Warden	Warden LP
Pressure:	45-100 psi	20-60psi
Temperature:	40-90°F (4-32°C)	40-90°F (4-32°C)
Max TDS:	1,800 PPM	1,800 PPM
Hardness:	<10 gpg	<10 gpg
Iron:	<0.5	<0.5
pH Range:	3.0-11.0	3.0-11.0

*Feed water must be potable and not of unknown quality

