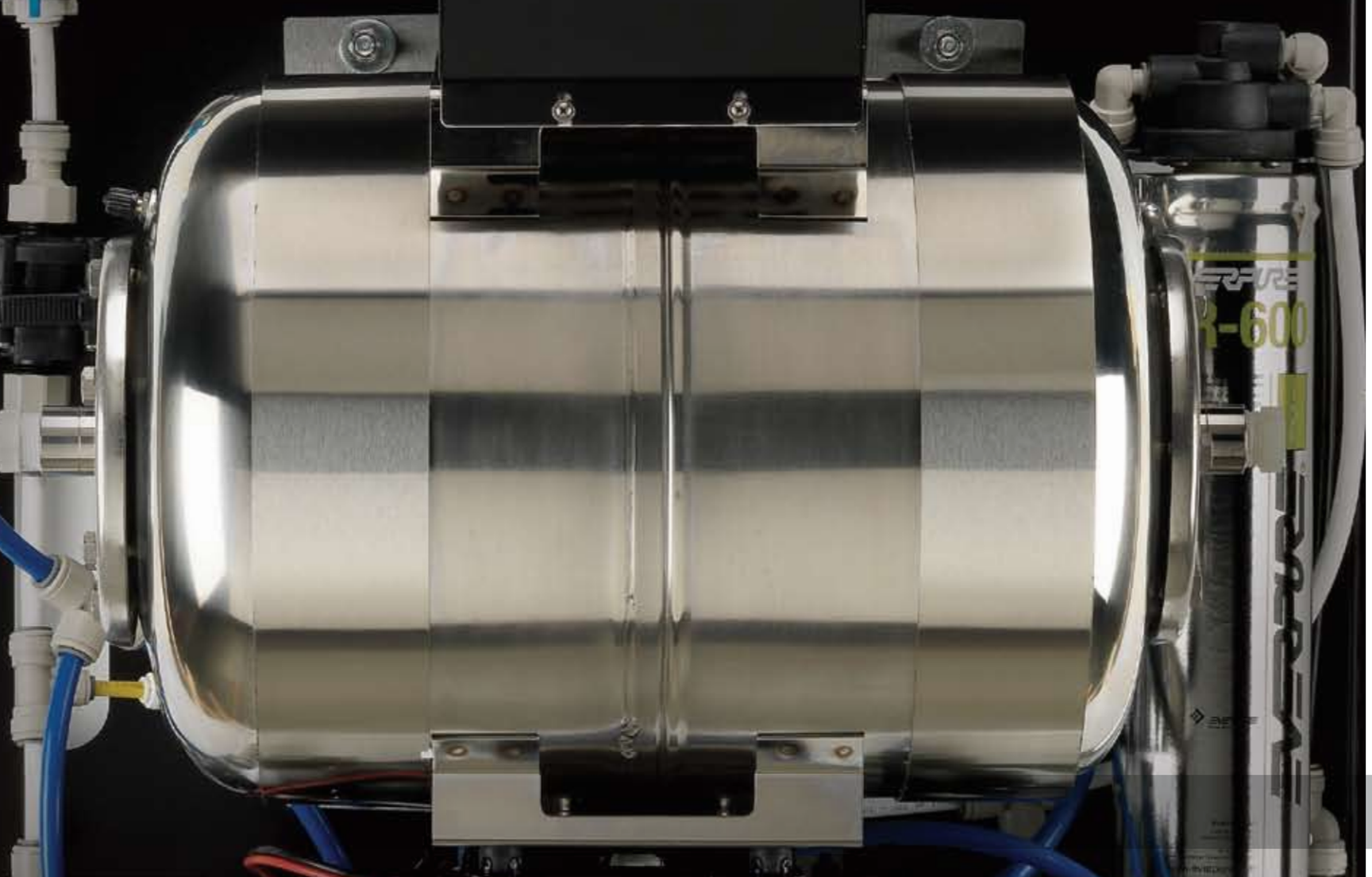

A REVOLUTIONARY NEW WAY TO CONSERVE.



FOR ANY OPERATION in need of water treatment due to high levels of Total Dissolved Solids, or TDS, a reverse osmosis system is an effective, yet costly necessity. In fact, reverse osmosis is by far the most practical and effective water treatment for removing dissolved solids from water and for achieving consistent, high quality water.

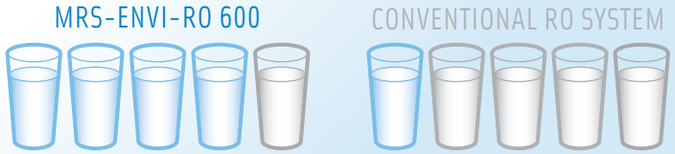
Conserve water and your overhead with Everpure's revolutionary MRS-Envi-RO 600 reverse osmosis system. This ground-breaking new system provides all the benefits of reverse osmosis, but with significantly less waste water.

Because TDS cannot be removed with either mechanical or standard carbon filtration, a reverse osmosis system is one of the most effective means of removing them from water. The process of reverse osmosis applies pressure to water, forcing the water molecules through an extremely fine semi-permeable membrane, resulting in nearly pure, ready-to-use water.

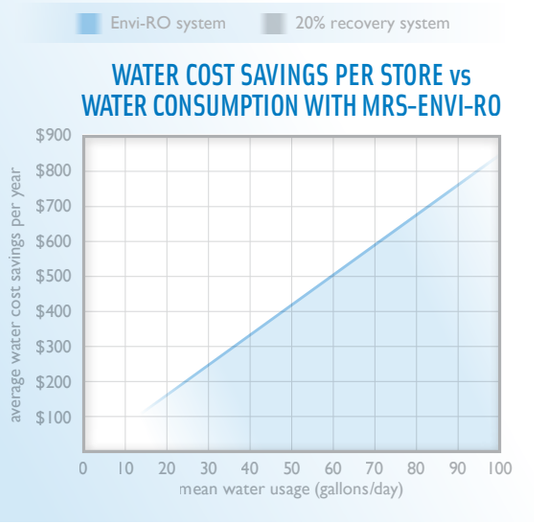
Dissolved solids like calcium and magnesium minerals—which cause damaging scale—along with other contaminants such as metals, salts, microorganisms and most chemicals, can't penetrate the membrane and are left behind in a solution, which is then sent to drain as waste.

EFFICIENCY COMPARISON WITH MRS-ENVI-RO

With an average recovery of nearly 80 percent, the MRS-Envi-RO produces only one volume of waste water to four volumes of pure RO water. By contrast, conventional RO systems send four volumes of water to drain for every one volume of pure water produced.

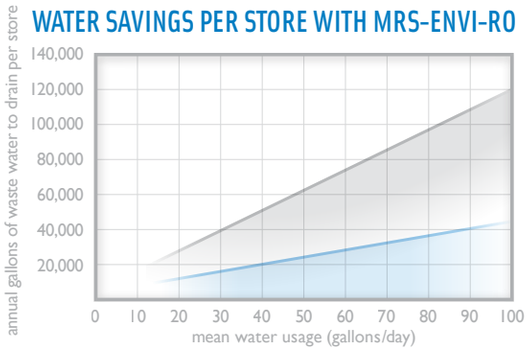


Though RO is a highly effective technology, the process results in significant water waste—nearly four gallons of water is drained for every gallon of product quality water produced. When comparing the ratio of waste water to usable water produced, conventional RO systems are typically only about 20 percent efficient. The MRS-Envi-RO on the other hand, has an efficiency of nearly 80 percent.



Everpure has developed a reverse osmosis system unlike anything on the market today. The MRS-Envi-RO provides:

- Reduced water waste, saving money on sewer charges.
- As much as 600 gallons per day of RO water production, with a flow rate of up to 0.7 gpm.
- A blending feature that allows for water customization.
- Less than 50 percent of the electrical energy typically consumed by conventional RO systems. This is due to the high water recovery of the MRS-Envi-RO system which reduced the burden on booster systems, as less water is pumped into the drain.



The MRS-Envi-RO is, hands down, the most efficient RO system available today, resulting in more efficiency and less operating costs for your operation. The high water recovery of the MRS-Envi-RO system also reduces the burden on booster systems as less water is pumped to the drain, which can lower your electrical costs as well.

THE DRAMATIC WASTE WATER REVERSAL IS DUE TO A COMBINATION OF THREE FACTORS.

First of all, the MRS-Envi-RO system utilizes a patent-pending dual headed pump that eliminates membrane back pressure, thus ensuring constant and effective pure RO water production. By contrast, single headed pumps of conventional RO systems must fight the back pressure imposed by downstream storage tanks, reducing their efficiency and causing inconsistent water recovery.

Secondly, the system pre-treats the water prior to exposure to the RO membrane, reducing scaling and clogging of the membrane, maximizing its efficiency.

Finally, the system recovery is set based on the water chemistry at installation. This ensures the highest, sustainable output.

THE MRS-ENVI-RO 600 HAS MANY ADVANTAGES OVER CONVENTIONAL SYSTEMS.

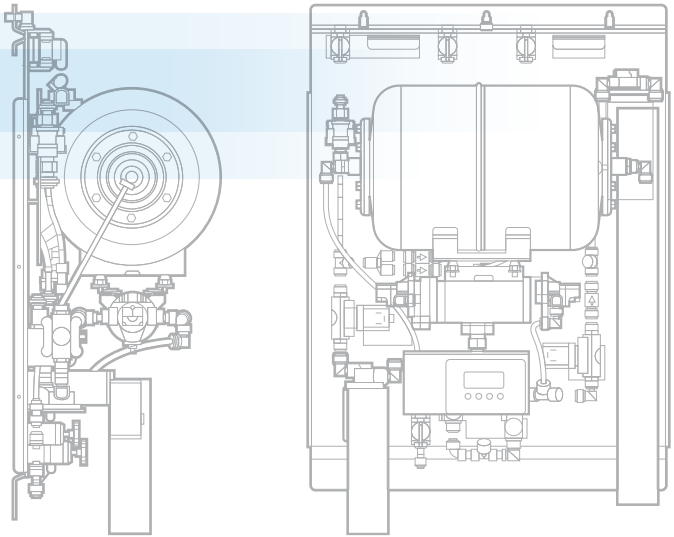
- Patent-pending high recovery reverse osmosis technology yields significant savings in water and sewer charges with a minimal environmental footprint.
- High production and flow rate, plus integrated 6-gallon tank, ensures the system will keep up with peak demand.
- Blending of filtered water with RO water allows for custom tailoring the water to desired TDS, maximizing the flavor of beverages such as coffee and espresso.
- Dual outputs provide water for multiple applications, such as blended water for coffee and espresso, and pure RO for steam equipment.
- Smart design and integrated microprocessor help to keep maintenance simple and the system reliable.
- Wall mounting and compact size, plus the reduced need for a bulky floor storage tank, save valuable space.
- Backed by Everpure, the leading and most trusted water treatment brand in foodservice.

THE MRS-ENVI-RO IS TRULY EFFICIENT, PRODUCTIVE, RELIABLE AND SMART–MAKING IT THE IDEAL SYSTEM FOR FOODSERVICE.

SPECIFICATIONS

Overall Dimensions	32"H × 23"W × 13.6"D
Inlet and Outlet Connections	3/8" OD tube connection
Wastewater Line Connection	1/4" OD tube connection
Service Flow Rate	Dependant on water pressure in storage tank and line size(s) to equipment
Pressure Requirements	Operating: 25-80 psi (172-552 kPa), non-shock Maximum Static: 100 psi (689 kPa), non-shock
Electrical Connection Required	115 Volts AC, 60 Hertz, 1 Phase
Water Supply	1.5 gpm (5.71)min.
Inlet Temperature	40°F-100°F (4-38°C)
Inlet TDS	1000 ppm max recommended
Shipping Weight	85 lbs.
Operating Weight	90 lbs. (not including external storage tanks)

Site conditions, such as TDS, water temperature, blend setting and other variables, will determine system output, system recovery and total system efficiency. Contact your Everpure Representative for a detailed analysis of the results you can expect in your application.



MRS ENVI-RO™-600 System EV9970-38 • MR-600 Cartridge EV9627-13
2SR-BW Cartridge EV9627-14 • GS-215RO-H In-Line Filter EV9627-15

TO LEARN MORE about the MRS-Envi-RO, or to learn about our Total Water Management program that combines water testing, analysis, a custom product recommendation and maintenance scheduling to ensure your water is consistently of the highest quality, contact Everpure at 800.323.7873 or email us at info@everpure.com

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