



MRS ENVI-RO™ 600 High Efficiency Reverse Osmosis System

High output/high efficiency configurable system that delivers reverse osmosis and blended filtered water for multiple foodservice applications.



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

BENEFITS

The tailored blending process removes just the right amount of dissolved solids from the incoming tap water to achieve the desired final water quality.

High recovery reverse osmosis technology yields significant savings in water and sewer charges with a minimal environmental footprint.

With the average recovery of 78%, the MRS ENVI-RO 600 system only disposes approximately 1/4 cup of water for each cup of coffee brewed.

Requires less than 50% of the electrical energy typically consumed by conventional reverse osmosis systems.

System operation is tailored to the water quality at each location to maximize recovery possible for a specified membrane lifetime.

Reduces limescale build-up that can cause excessive machine downtime and increased maintenance costs.

Reduces chlorine taste and odor and other contaminants that can adversely affect the taste of water and beverages.

INSTALLATION TIPS

- Choose a mounting location suitable to support the full weight of the system when operating
- Delimiting of equipment prior to application is recommended
- Never use saddle valve for connection
- Use 3/8" (min.) water line.
- The water inlet must supply a minimum of 1.5 gpm
- Install vertically with cartridge hanging down and allow 2 inches above and below unit for cover removal and service access.
- Allow clearance to right of unit for optional pre-filter
- Refer to Installation, Operation & Maintenance Manual for cartridge flushing and RO start-up

OPERATION TIPS

- Change filter cartridges on a regular 6 month preventative maintenance program
- Change RO cartridges on a regular 1 year preventative maintenance program
- Change cartridges when capacity is reached
- Always flush the filter cartridge at time of installation and cartridge change

APPLICATION/SIZING

- Mineral Reduction System for foodservice applications including coffee brewers, espresso machines, steamers, combi ovens, and ice. Ideal for specialty coffee.
- Provides up to 0.7 gpm water production. Capacity: 600 gallons per day (2,271 lpd)
- On board storage tank provides ample reserve capacity for most applications. For increased reserve capacity, Everpure offers a complete line of storage tanks.

SPECIFICATIONS

Overall Dimensions:
32"H x 23"W x 13.6"D

Inlet and outlet connection:
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 (5.7l) min.

Inlet Temperature:
40°F - 100°F (4-38°C)

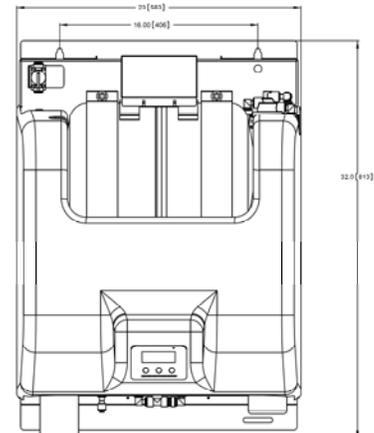
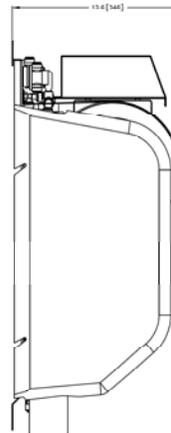
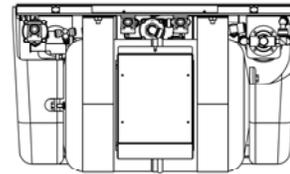
Inlet TDS:
1000 ppm max recommended

Shipping Weight:
85 lbs.

Operating Weight:
90 lbs. (not including external storage tanks)

The contaminants or other substances removed or reduced by this system are not necessarily in your water. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

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WARRANTY

MRS ENVI-RO™ 600 system (excluding replaceable elements) is covered by a limited warranty against defects in material and workmanship for a period of one year after the date of purchase.

Everpure replaceable elements (filter cartridges and water treatment cartridges) are covered by a limited warranty against defects in material and workmanship for a period of one year after date of purchase.

See printed warranty for details. Everpure will provide a copy of the warranty upon request.



Everpure offers a full line of water storage tanks. Contact your Everpure sales representative for more information.

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