



MRS 100/100CC/225/225CC

MRS Reverse Osmosis System

Configurable system that delivers reverse osmosis or blended water for multiple foodservice applications



- MRS-100 Sys: EV9970-07
- MRS-100CC Sys: EV9970-10
- MRS-225 Sys: EV9970-08
- MRS-225CC Sys: EV9970-09
- Pre-filter Kit: EV9795-81
- 6TO-BW Cart: EV9607-41
- MR-100 Cart: EV9627-11
- MR-225 Cart: EV9627-03
- 7CC-BW Cart: EV9627-05
- P5 Cart: EV9109-08

* System shown with optional Pre-filter kit.

BENEFITS

Improves equipment life and performance by removing at least 90%+ of all dissolved solids that cause scale build-up

Guards against taste and odor causing contaminants while removing dirt, particulates and dissolved minerals that can adversely affect taste of water and beverages

Sanitary cartridge replacement is simple, quick and clean. Internal filter parts are never exposed to handling or contamination

Wall mount design allows flexible installation

Reduces limescale build-up that can cause excessive machine downtime and increased maintenance costs. Plus, scale reduction reduces energy costs

"CC" models introduce a small amount of hardness minerals back into the treated water. This controlled re-mineralization is desirable for coffee and other applications that require some hardness to achieve optimum results

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 0.7 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 2-year preventative maintenance program
- Change cartridges when capacity is reached
- Always flush the filter cartridge at time of installation and cartridge change
- Proper pre-treatment is required to control RO Cartridge (membrane) scale formation and/or fouling
 - Raw water hardness in excess of 7 grains per gallon should be softened
 - The raw water may contain particulates and the use of a pre-filter is recommended
- Contact EVERPURE Technical Service for pre-treatment recommendations

APPLICATION/SIZING

- Mineral Reduction System for foodservice applications
- Ideal for:
 - Flash steamers, conventional steamers, cheese melters, combi-ovens and coffee/espresso machines
- Output capacity dependant on membrane selected:
 - 100 gallons per day (379 lpd)
 - 225 gallons per day (852 lpd)
- For use in coffee, steam, reconstitution, ice and multiple applications

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SPECIFICATIONS

Overall Dimensions:
30"H (34"-CC Model) x 15"W (20.5" with
Prefilter) x 8"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

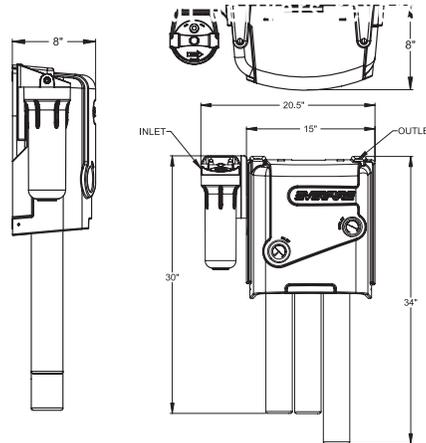
Water Supply:
0.7 gpm (2.7l) min.

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

Inlet TDS:
1,500 ppm max recommended

Operating Weight:
35 lbs. (not including 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.



WARRANTY

MRS 100/100CC/225/225CC 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.

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