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## MRS-100 REVERSE OSMOSIS SYSTEM

System Part Number: EV9970-07, EV9970-23, EV9970-24

Optional Pre-Filter Kit: EV9795-81

6TO-BW Cartridge: EV9607-41

MR-100 Cartridge: EV9627-11

Optional Pre-Filter P5 Cartridge: EV9109-08



### SYSTEM DESCRIPTION

The MRS-100 RO system is a high-output, high-efficiency configurable water filtration system that delivers reverse osmosis and blended quality filtered water for foodservice drinking water applications.

### FEATURES • BENEFITS

- ◆ Dual post filtration cartridges reduce sediment, chlorine taste & odors, and other contaminants that can adversely affect the taste of beverages
- ◆ Reduces limescale buildup that can cause downtime and increased maintenance costs\*
- ◆ Flexible wall-mount installation
- ◆ Easy, quick-change cartridge replacement
- ◆ Reduces 90%+ of all dissolved solids that can cause scale buildup

\*Not performance tested or certified by NSF

### APPLICATIONS

- ◆ Drinking water

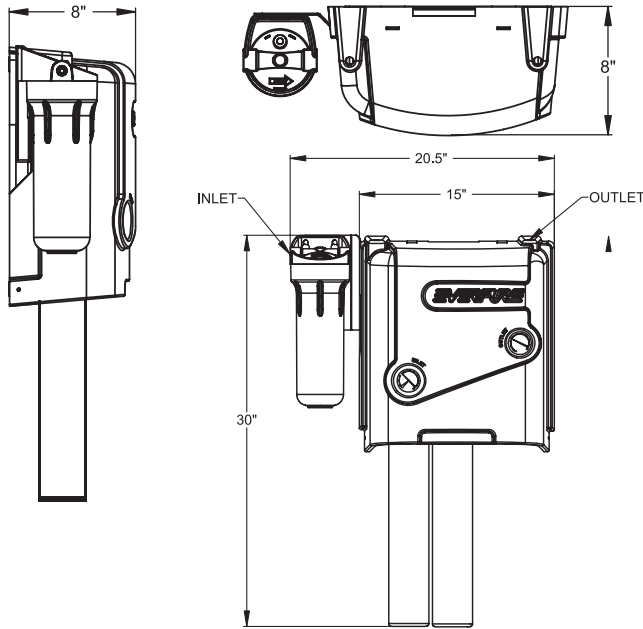
### INSTALLATION TIPS

- ◆ Choose a mounting location suitable to support the weight of the system while operating.
- ◆ Delimiting of existing water-using equipment is recommended.
- ◆ Never use a saddle valve for connection.
- ◆ Use 3/8" (9.5 mm) minimum water line.
- ◆ Install vertically and allow 2 1/2 (6.35 cm) clearance on all four (4) sides of the unit for easy removal and replacement.
- ◆ The product water tubing/piping and associated fittings connecting the RO product outlet to the equipment being serviced should be suitable for use with high-purity water.
- ◆ Change cartridges when capacity is reached or pressure decreases.
- ◆ Always flush the filter cartridge at the time of installation and cartridge change.
- ◆ For more details, see the installation, operation, and maintenance guide included with the system.

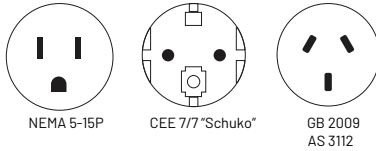
# MRS-100 REVERSE OSMOSIS SYSTEM

EV9970-07

Shown with optional pre-filter (not included)



Power plug options



## SPECIFICATIONS

System	System
<b>Overall Dimensions</b> 30" H x 15" W x 8" D (76.2 cm x 38.1 cm x 20.3 cm) Add 3" (7.6 cm) on all four (4) sides for easy removal and replacement.	<b>Operating Weight</b> 35 lbs (15.9 kgs), not including external storage tanks
<b>Connections</b> Inlet: 3/8" OD tube Outlet: 3/8" OD tube Wastewater: 3/8" OD tube	<b>Available Electrical Connections</b> EV9970-07: 115 VAC/60 Hz NEMA 5-15P EV9970-23: 230 VAC/50 Hz CEE 7/7 "Schuko" EV9970-24: 240 VAC/50 Hz AS 3112
<b>Operating Pressure</b> 25 - 80 psi (1.72 - 5.52 bar), non-shock pressure below 50 psi (3.45 bar) may affect blend system performance.	<b>Performance</b> <b>Daily Production Rate</b> 100 gpd (379 Lpd) nominal
<b>Minimum Static Pressure</b> 100 psi (6.89 bar), non-shock	<b>Service Flow Rate</b> Dependent on water pressure in the storage tank and line size(s) to equipment.
<b>Minimum Water Supply</b> 0.7 gpm (2.7 Lpm)	
<b>Water Temperature</b> 40-100°F (4 - 38°C)	
<b>Shipping Weight</b> 100 lbs (45.4 kgs)	

## REPLACEMENT CARTRIDGES

Model	Qty	Description	Part No
P5	1	Optional pre-filter	EV9109-08
6TO-BW	1	Pre-filter	EV9607-41
MR-100	1	RO membrane	EV9627-11

For Pentair Everpure Product Warranties visit:  
<http://pentair.com/assets/foodservice-warranty>

The contaminants or other substances removed or reduced by this drinking water 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.

Since the conditions under which our products may be used are beyond our control, we cannot accept any liability with respect to the improper installation, application and/or use of our products.



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EV9970-07 AP24