



EVERPURE MRS-350 REVERSE OSMOSIS SYSTEM

CONFIGURABLE SYSTEM THAT DELIVERS REVERSE OSMOSIS WATER FOR MULTIPLE FOODSERVICE APPLICATIONS

MRS-350 System: EV9970-17, EV9970-31, EV9970-32
Pre-Filter Kit: EV9795-81
7TO-BW Cartridge: EV9607-04
MR-350 Cartridge: EV9627-07
P5 Cartridge: EV9109-08



APPLICATIONS

Foodservice
Coffee, Espresso, Steam, Reconstitution,
Ice and Multiple Applications

Flash Steamers, Conventional Steamers,
Cheese Melters, Combi Ovens

FEATURES BENEFITS

Reduces limescale buildup that can cause excessive machine downtime and increased maintenance costs - plus, scale reduction reduces energy costs

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

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

INSTALLATION TIPS

Proper pre-treatment is required to control RO Cartridge (membrane) scale formation and/or fouling.

Contact Pentair Technical Service for

down and allow 3" (7.6 cm) on all four sides of unit for cover removal and service access.

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.

OPERATION TIPS

Change filter cartridges on a regular six (6) month preventative maintenance program.

Change RO cartridges on a regular two (2) year preventative maintenance program.

Change cartridges when capacity is reached.

Always flush the filter cartridge at time of installation and cartridge change.

Everpure offers a full line of water storage tanks. See "ROmate Storage Tanks" specification sheet or contact your Everpure sales representative for more information.

Refer to Installation, Operation & Maintenance Manual for cartridge flushing and RO startup.

Delimiting of existing water using equipment is recommended.

SIZING

Daily Production Rate:
350 gpd (1,325 Lpd) nominal

Service Flow Rate: Dependant on water pressure in storage tank and line size(s) to equipment

Operating Pressure Requirements:
25 - 80 psi (1.72 - 5.52 bar), non-shock



FILTRATION & PROCESSING SOLUTIONS

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Service Flow Rate

Dependant on water pressure in storage tank and line size(s) to equipment.

Operating Pressure Requirements

25 - 80 psi (1.72 - 5.52 bar), non-shock

Minimum Static Pressure Requirements

100 psi (6.89 bar), non-shock

Available Voltages & Power Cord Types

EV9970-17: 115 VAC/60 Hz NEMA 5-15P
EV9970-31: 230 VAC/50 Hz CEE 7/7 "Schuko"
EV9970-32: 240 VAC/50 Hz AS 3112

Minimum Water Supply 1 gpm (3.8 Lpm)

Inlet Temperature 40 – 100°F (4.4 – 38°C)

Inlet TDS 1,500 ppm max. recommended

Overall Dimensions

38" H x 15" W x 8" D (96.5 x 38.1 x 20.3 cm)
[20.5" W (52 cm) with Pre-filter]
Add 3" (7.6 cm) on all 4 sides for access.

Inlet and Outlet Connection

3/8" OD tube connection