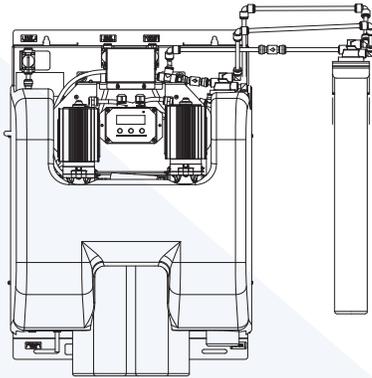


MRS-600HE-II HIGH EFFICIENCY RO SYSTEM WITH 2ND MEMBRANE KIT

HIGH OUTPUT-HIGH EFFICIENCY, CONFIGURABLE SYSTEM THAT DELIVERS BLENDED RO AND FILTERED WATER FOR MULTIPLE FOODSERVICE APPLICATIONS

MRS-600HE-II System: EV9970-46
MR-600F Cartridge: EV9627-22
7FS-BW Cartridge: EV9627-16
7F Cartridge: EV9654-10
2nd RO Membrane Kit (new stores): EV9969-00
2nd RO Membrane Kit (retrofit): EV9970-00



APPLICATIONS

- ◆ Mineral reduction system for foodservice applications including coffee brewers, espresso, steamers, combi ovens, and ice
- ◆ Specialty Coffee

FEATURES • BENEFITS

- ◆ Reduces dissolved solids from the incoming tap water to achieve the desired final water quality
- ◆ With an average recovery of 72.73%, the system only disposes approximately 1/4 cup of water for each cup of water dispensed
- ◆ Reduces water and sewer costs with a minimal footprint
- ◆ Requires less than 50% of the electrical energy typically consumed by conventional reverse osmosis systems
- ◆ Reduces limescale buildup which can cause excessive machine downtime and maintenance costs*
- ◆ Reduces chlorine taste and odor and other contaminants that can adversely affect the taste of water and beverages*
- ◆ System operation is tailored to the water quality at each location to maximize recovery

INSTALLATION TIPS

- ◆ Choose a mounting location capable of safely supporting the full weight of the system when in operation.
- ◆ Delimiting of existing water-using equipment is recommended.
- ◆ Never use saddle valve for connection.
- ◆ Use 3/8" (9.5 mm) minimum water line.
- ◆ Install vertically with cartridges hanging down and allow 3" (76 mm) on all four (4) sides of unit for cover removal and service access.
- ◆ The product water tubing/piping and associated fittings connecting the RO product outlet to the serviced equipment should be suitable for use with high purity water.

OPERATION TIPS

- ◆ Change filter cartridges on a regular one (1) year preventative maintenance program.
- ◆ Change RO cartridges on a regular one year (1) preventative maintenance program.
- ◆ Change cartridges when capacity is reached.
- ◆ Always flush the filter cartridge at time of installation and cartridge change.
- ◆ Refer to the Installation, Operation and Maintenance Manual for cartridge flushing and RO startup.

SIZING

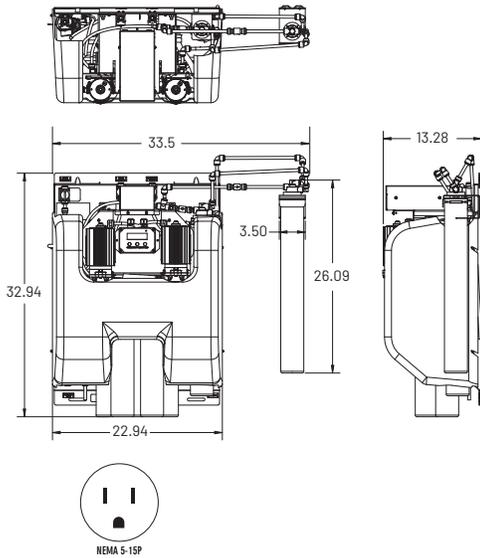
- ◆ The water inlet must supply a minimum of 2.0 gpm (7.6 Lpm).
- ◆ Service Flow Rate: Dependant on water pressure in storage tank and line size(s) to equipment.

*Not Performance Tested or Certified by NSF

MRS-600HE-II WITH 2ND MEMBRANE KIT

EV9970-46 WITH EV9969-00 OR REV9970-00

MRS-600HE-II System: EV9970-46
MR-600F Cartridge: EV9627-22
7FS-BW Cartridge: EV9627-16
7F Cartridge: EV9654-10
2nd RO Membrane Kit (new stores): EV9969-00
2nd RO Membrane Kit (retrofit): EV9970-00



SPECIFICATIONS

- ◆ **Daily Production Rate:**
507 gpd (1,921 Lpd) nominal; internally tested with second membrane at 900 gpd (3,406 Lpd)* (plus tap water addition for processor with blend). Total daily production rate will vary based on tap water TDS, RO percent rejection and desired blend water TDS. Contact Pentair for assistance estimating this total.
- ◆ **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
Pressure below 50 psi (3.45 bar) may affect blend system performance
- ◆ **Minimum Static Pressure Requirements**
100 psi (6.89 bar), non-shock
- ◆ **Minimum Water Supply**
2.0 gpm (7.6 Lpm)
- ◆ **Temperature**
40 - 100°F (4.4 - 38°C)
- ◆ **Overall Dimensions**
33" H x 33.5" W x 13.28" D (83.8 x 85.1 x 33 cm) Add 3" (7.6 cm) on all 4 sides for cover removal and service access
- ◆ **Inlet/Outlet/Wastewater Line Connection**
3/8" OD tube connection
- ◆ **Inlet TDS**
1,000 ppm max. recommended
- ◆ **Operating Weight**
120 lbs (54.5 kgs)
- ◆ **Shipping Weight**
110 lbs (50 kgs)
- ◆ **Electrical Connection**
EV9970-46: USA 110-120 VAC/50-60 Hz NEMA 5-15P
Power cord 9' (2.7 M) long

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.

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



System Tested and Certified by NSF International against NSF/ANSI Standard 58 for the reduction of Total Dissolved Solids (TDS)

*Not Performance Tested or Certified by NSF.

Internal testing done at:
60 psi (4.1 Bar), 77°F (25°C), 750 ppm NaCl.

System is Certified with optional 2nd RO Membrane Kit EV9970-00 or EV9969-00.



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