

# EVERPURE® MR-600 REPLACEMENT CARTRIDGE

## MINERAL REDUCTION CARTRIDGE

MR-600 Replacement Cartridge: EV9627-13



### APPLICATIONS

Coffee	Flash and conventional steamers
Espresso	Combi ovens
Reconstitution	Multiple applications
Ice	

### FEATURES • BENEFITS

Mineral reduction cartridge for high TDS waters	Especially useful on steamers, warmers, steam boilers and other evaporative equipment that are not emptied each day
Sanitary cartridge replacement is simple, quick and clean. Internal filter parts are never exposed to handling or contamination	Heating surfaces maintain peak heat transfer efficiency, reducing cycle times and energy consumption
A reduction in Total Dissolved Solids (TDS) makes the water less likely to impart undesirable tastes in beverages, sauces, soups and other food products	Limits limescale buildup, which can cause excessive machine downtime and maintenance costs
Improves equipment life and performance by removing at least 90%+ of all dissolved solids using Reverse Osmosis Separation Technology	

### INSTALLATION TIPS

Install vertically with cartridge hanging down  
 Allow 2-1/2" (6.35 cm) clearance below the cartridge for easy cartridge replacement  
 Use piping materials suitable for high-purity water after MRS System  
 Proper pre-treatment is required to control MR cartridge (membrane) scale formation and/or fouling  
 Raw water hardness in excess of seven (7) grains per gallon should be softened to extend cartridge life  
 The raw water may contain chlorine or other oxidizers and the use of a carbon pre-filter is recommended

### OPERATION TIPS

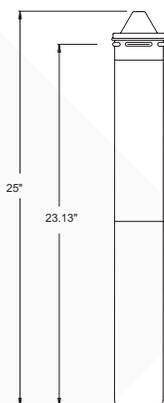
Change MR cartridge on a regular preventative maintenance program  
 Change MR cartridge when output capacity diminishes by 15%, or when output pressure becomes too low  
 Always flush the MR cartridge at time of installation and cartridge change  
 Contact Pentair Technical Service for pre-treatment recommendations  
 Refer to Installation, Operation & Maintenance manual for cartridge flushing and RO startup

### SIZING

Rated Capacity: 600 gallons per day (2,271 Liters per day) Nominal. Water pressure, feedwater quality and temperature will effect actual daily production rate  
 Service Flow Rate: Dependant on water volume and pressure in storage tank(s), and line size(s) to equipment

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### SPECIFICATIONS

#### Overall Dimensions

25" L x 3.25" dia. (63.5 x 8.3 cm)

#### Rated Capacity

600 gallons per day (2,271 Liters per day)  
Nominal. Water pressure, feedwater quality and temperature will effect actual daily production rate

#### Service Flow Rate

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

#### Pressure Requirements

40 - 100 psi (2.7 - 6.8 bar), non-shock

#### Temperature

35 - 100°F (2 - 38°C)

#### Inlet TDS

1,000 ppm max recommended

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. Systems certified for cyst reduction may be used with disinfected water that may contain filterable cysts.

### WARRANTY

Everpure water treatment systems by Pentair® (excluding replaceable elements) are covered by a limited warranty against defects in material and workmanship for a period of one year after 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. Pentair will provide a copy of the warranty upon request.



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