

# EVERPURE® MR-100 REPLACEMENT CARTRIDGE

## MINERAL REDUCTION CARTRIDGE

MR-100 Replacement Cartridge: EV9627-11



### APPLICATIONS

Coffee  
Espresso  
Reconstitution  
Ice

Flash and conventional steamers  
Combi ovens  
Multiple applications

### FEATURES • BENEFITS

Mineral reduction cartridge for high TDS waters

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

A reduction in Total Dissolved Solids (TDS) makes the water less likely to impart undesirable tastes in beverages, sauces, soups and other food products

Improves equipment life and performance by removing at least 90%+ of all dissolved solids using Reverse Osmosis Separation Technology

Especially useful on steamers, warmers, steam boilers and other evaporative equipment that are not emptied each day

Heating surfaces maintain peak heat transfer efficiency, reducing cycle times and energy consumption

Limits limescale buildup, which can cause excessive machine downtime and maintenance costs

### 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 24 month preventative maintenance program

Change MR cartridge when output capacity diminishes by 15%, or when output pressure becomes too low

Always flush the filter 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

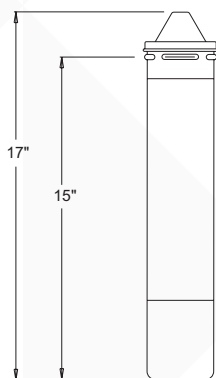
### SIZING

Rated Capacity: 100 gallons per day (378 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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## EV9627-11



### SPECIFICATIONS

#### Overall Dimensions

17" L x 3.25" dia. (43.1 x 8.3 cm)

#### Rated Capacity

100 gallons per day (378 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

1,500 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 five years 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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