



EV9627-11

# MR-100 Replacement Cartridge

## Mineral Reduction Cartridge



MR-100 Replacement Cartridge: EV9627-11

### BENEFITS

- Improves equipment life and performance by removing at least 90%+ of all dissolved solids using Reverse Osmosis Separation Technology
- A reduction in Total Dissolved Solids (TDS) make the water less likely to impart undesirable tastes in beverages, sauces, soups and other food products.
- 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 build-up, which can cause excessive machine downtime and maintenance costs
- Sanitary cartridge replacement is simple, quick and clean. Internal filter parts are never exposed to handling or contamination

### INSTALLATION TIPS

- Install vertically with cartridge hanging down
- Allow 2-1/2" clearance below the cartridge for easy cartridge replacement
- Use piping materials suitable for high-purity water after MRS System
- Refer to Installation, Operation & Maintenance Manual for cartridge flushing and RO start-up

### 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 MR cartridge at time of installation and cartridge change
- Proper pre-treatment is required to control MR Cartridge (membrane) scale formation and/or fouling.
  - Raw water hardness in excess of 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.
- Contact EVERPURE Technical Service for pre-treatment recommendations

### APPLICATION / SIZING

- Mineral Reduction Cartridge for High TDS Waters
- Capacity: 100 Gallons per Day nominal
- Ideal for:
  - Coffee/espresso machines, reconstitution, ice, flash steamers, conventional steamers, combi-ovens and multiple applications

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## SPECIFICATIONS

**Overall Dimensions:**  
17.00"H x 3.25"D

**Daily Production Rate:**  
100 GPD (379 lpd) Nominal. Water pressure, feedwater quality and temperature will effect actual daily production rate

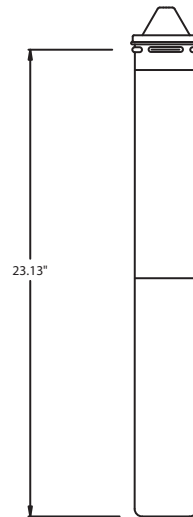
**Service Flow Rate:**  
Dependant on water volume and pressure in storage tank(s), and line size(s) to equipment

**Pressure Requirements:**  
40 - 100 psi (276-689 kPa), non-shock.

**Inlet Temperature:**  
35 - 100°F (2-38°C)

**Inlet TDS:**  
1,500 ppm max recommended

The contaminants or other substances removed or reduced by this 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.



## WARRANTY

Everpure water treatment systems (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. Everpure will provide a copy of the warranty upon request.

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