

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

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

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

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

Mineral reduction cartridge for high TDS waters

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.

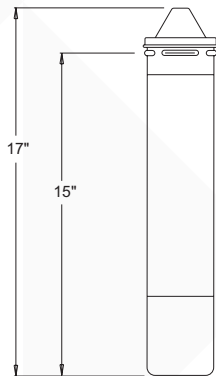
SIZING

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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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.

SPECIFICATIONS

Service Flow Rate

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

Rated Capacity

100 gallons per day (378 Liters per day)
Nominal. Water pressure, feedwater quality and temperature will effect actual daily production rate

Pressure Requirements

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

Temperature

35 - 100°F (2 - 38°C)

Overall Dimensions

17" L x 3.25" D (43.1 cm x 8.3 cm)

Inlet TDS

1,500 ppm max recommended

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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