

EVERPURE® MR-20 REPLACEMENT CARTRIDGE

MINERAL REDUCTION CARTRIDGE

MR-20 Replacement Cartridge: EV9273-69



APPLICATIONS

High TDS waters	Combi ovens
Flash steamers	Coffee
Conventional steamers	Espresso
Cheese melters	

FEATURES • BENEFITS

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

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

Especially useful on low capacity steamers, warmers, small 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

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" (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 particulates and the use of a 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 MR cartridge at time of installation and cartridge change

Contact EVERPURE Technical Service for pre-treatment recommendations

Refer to Installation, Operation & Maintenance Manual for cartridge flushing and RO start-up

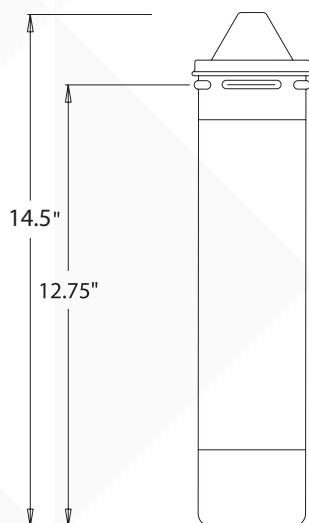
SIZING

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

Rated Capacity: 21 gpd (79.5 Lpd) nominal

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SPECIFICATIONS

Overall Dimensions

14.5" L x 3.25" dia. (36.8 cm)

Daily Production Rate

21 gpd (79.5 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 21 gallons per day nominal

Rated Capacity

21 gpd (79.5 Lpd) nominal

Pressure Requirements

40 – 100 psi (2.7 – 6.9 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.

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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