

EVERPURE° MRS-20 REVERSE OSMOSIS SYSTEM

COMPLETE MINERAL REDUCTION WATER PROCESSING SYSTEM

MRS-20 System: EV9797-91 4CB5 Cartridge: EV9617-11 MR-20 Cartridge: EV9273-69



APPLICATIONS

Mineral reduction system for foodservice

Low volume applications (approx. 20 gpd (75.7 Lpd) nominal consumption)

Flash steamers

Conventional steamers

Cheese melters

Combi ovens

Coffee

Espresso

FEATURES • BENEFITS

System includes mineral reduction processor, carbon filter cartridge, reverse osmosis cartridge, and storage tank

Improves equipment life and performance by removing at least 90%+ of all dissolved solids that cause scale buildup

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

Less frequent deliming of equipment means reduced maintenance and service costs

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

Protects against taste and odor causing contaminants while removing dirt, particulates and dissolved minerals

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

Two-part design makes installation flexible. Small footprint easily fits in any kitchen

INSTALLATION TIPS

Choose a mounting location suitable to support the full weight of the system when operating

Mount system convenient to the post water softener supply line and for routing the outlet and drain lines

The tank assembly may be mounted above, below or alongside (preferred) of the water processor assembly

Install vertically with cartridges hanging down

Allow 2-1/2" (6.35 cm) clearance below the cartridge for easy cartridge replacement

The water inlet must supply a minimum of 0.5 gpm (1.9 Lpm) at 50-85 psi (3.45-5.86 bar)on a consistent basis

Delime equipment prior to application

OPERATION TIPS

Replace the 4CB5 carbon filter every 12 months. Change the MR-20 mineral reduction cartridge every two (2) years, or as needed

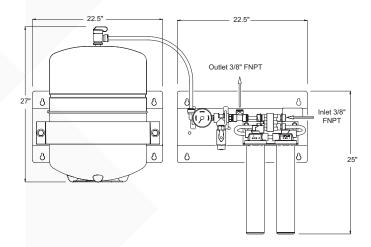
Cartridge replacement schedules assume the system is installed on softened water

SIZING

Service Flow Rate: Maximum 6 gpm (22.7 Lpm)

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EV9797-91



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 its 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 Claris by Pentair water treatment systems (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.

SPECIFICATIONS

Overall Dimensions

Processor: 25" H x 22.5" W x 5" D (63.5 x 57.1 x 12.7 cm)

Tank: 27" H x 22.5" W x 11.25" D (68.5 x 57.1 x 28.5 cm)

Inlet Connection 3/8" OD John Guest tubing fitting (provided)

Outlet Connection 3/8" ID beverage hose

Service Flow Rate

Maximum 6 gpm (22.7 Lpm)

Wastewater Line & Sample Port Connection

1/4" OD John Guest tubing fitting (provided)

Water Supply

0.5 gpm (1.9 L) @50 - 85 psi (3.4 - 5.8 bar)

Pressure Requirements

10 - 125 psi (0.7 - 8.6 bar), non-shock

Inlet Temperature

40 - 100°F (4 - 38°C)

Inlet TDS

1,500 ppm max recommended

Operating Weight

50 lbs (22.6 kg)

Wastewater Production

74 gallons per day (280 L) @ 60 psig (414 kPa), 77°F (25°C)

Wastewater Drain Line Capacity

3 gpm (11.4 Lpm) to open atmosphere

Storage Tank Capacity

3 gallon tank; effective/usable capacity 2.5 gallons (9.5 L)

Outlet Water Production

21 gpd (79.5 Lpd) @ 60 psig (420 kPa), 77°F (25°C) Water production depends on supply water pressure and temperature.



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