

Everpure MRC-450 Replacement Cartridge

Applicable for commercial water purifier MRSGo-400S



Type selection

SA21089: Everpure MRC-450 Replacement Cartridge

Features & Benefits

- Effectively filters the total dissolved solids and total hardness in water
- Effectively filters the arsenic, cadmium, chromium (hexavalent), lead, nitrate nitrogen, fluoride in water ¹
- Effectively filters organic substances in water, such as trichloromethane and carbon tetrachloride ¹

Installation tips

- Install vertically with cartridge hanging down.
- Allow 64mm clearance below the cartridge for easy cartridge replacement.
- Flush cartridge by running water through filter for thirty (30) minutes at full flow.
- After installation or replacement cartridge, rinse for 1 hour, soak for 24 hours, and flush it for another 5 minutes; Proper pre-treatment is required to prevent scaling of the MRC cartridge
- If the hardness value of the raw water exceeds 120mg/L, soft water treatment at the front end is necessary to extend the service life of the cartridge
- Pre-treatment with carbon cartridge at the front end is necessary as the raw water may contain residual chlorine or other oxides

Operation tips

- Change cartridges on a regular 12-18 months preventative maintenance program
- The service life is the recommended replacement cycle. The actual service life of the cartridge will vary depending on the actual water usage conditions and local tap water quality
- When the water production of the MRC cartridge decreases by 15%, or the water pressure becomes low, the cartridge shall be replaced
- Always flush the filter cartridge at time of installation and cartridge change
- Please contact the designated technical service provider of Pentair Everpure for recommended pre-treatment solution

Sizing

- Rated Capacity: 450 gallons per day. Nominal Water pressure, feed water quality and temperature will effect actual daily production rate
- Service Flow Rate: Dependent on water volume and pressure in storage tank(s), and line size(s) to equipment.

¹ In accordance with MOH Overall Performance Test Report of cartridge adaptation system MRSGo-400S, report No.: (Environmental Water) Test Report No. 20221187, (Environmental Water) Test Report No. 20221188

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Specifications

- Service Flow Rate: Dependent on water volume and pressure in storage tank(s), and line size(s) to equipment Rated Capacity
- 450 gallons per day (1,703 Liters per day) Nominal. Water pressure, feedwater quality and temperature will effect actual daily production rate
- Pressure requirements: 65 - 123 psi (4.5 – 8.5 bar)
- Temperature: 41 - 100°F (5 - 38°C)
- Overall dimensions: $\Phi 8 \times 44.6\text{cm}$
- Inlet TDS: 1,000 ppm max recommended

Precautions

- The Everpure integrated cartridge is mainly used for filtering and purifying municipal tap water. It shall not be used to treat water sources not fully disinfected and containing unsafe or unknown microbial loads.
- It is recommended to flush before use after a water cut-off of 48 hours.



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