

# **EVERPURE**° MR-225 REPLACEMENT CARTRIDGE

## MINERAL REDUCTION CARTRIDGE

#### MR-225 Replacement Cartridge: EV9627-03



#### **APPLICATIONS**

Coffee

Espresso Reconstitution

lce

### **FEATURES • BENEFITS**

Mineral reduction cartridge for high TDS waters

A reduction in Total Dissolved Solids (TDS) makes the water less likely to impart undesirable tastes in beverages, sauces, soups and other food products

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

Improves equipment life and performance by removing at least 90%+ of all dissolved solids using Reverse Osmosis Separation Technology Flash and conventional steamers Combi ovens Multiple applications

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

#### **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

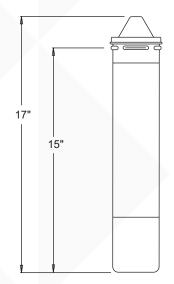
Refer to Installation, Operation & Maintenance Manual for cartridge flushing and RO startup

### SIZING

Rated Capacity: 225 gallons per day (851 Liters per day)

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

# **EVERPURE**<sup>®</sup> MR-225 REPLACEMENT CARTRIDGE EV9627-03



### **SPECIFICATIONS**

**Overall Dimensions** 17" L x 3.25" dia. (43.1 x 8.3 cm)

Rated Capacity 225 gallons per day (851 Liters per day)

#### Service Flow Rate

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

**Pressure Requirements** 40 - 100 psi (2.7 - 6.8 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. Systems certified for cyst reduction may be used with disinfected water that may contain filterable cysts.

### WARRANTY

Everpure water treatment systems by Pentair® (excluding replaceable elements) are covered by a limited waranty against defects in material and workmanship for a period of five years after date of purchase. Everpure replaceable elements (fitter cartridges and water treatment cartridges) are covered by a limited warranty against defects in material and warkmanship for a period of one year after date of purchase. See printed waranty for details. Pentair will provide a copy of the waranty upon request.

# PENTAIR

#### **FILTRATION & PROCESSING SOLUTIONS**

EVERPURE-SHURFLO WORLD HEADQUARTERS, 1040 MUIRFIELD DRIVE, HANOVER PARK, IL 60133 USA • WWW.EVERPURE.COM 800.942.1153 MAIN (US ONLY) • 630.307.3000 MAIN • 630.307.3030 FAX • CSEVERPURE@PENTAIR.COM EMAIL EVERPURE-SHURFLO AUSTRALIA / NEW ZEALAND, 1-21 MONASH DRIVE, DANDENONG SOUTH, VIC, 3175, AUSTRALIA 1300.576.190 TEL • AU.EVERPURE@PENTAIR.COM EMAIL EVERPURE-SHURFLO CHINA, 21F CLOUD 9 PLAZA, NO 1118, SHANGHAI, 200052, CHINA 86.21.3211.4588 TEL • 86.21.3211.4580 FAX • CHINA.WATER@PENTAIR.COM EMAIL EVERPURE-SHURFLO INDIA, GREEN BOULEVARD, B-9/A, 7TH FLOOR - TOWER B SECTOR 62, NOIDA - 201301 91.120.419.9444 TEL • 91.120.419.9400 FAX • INDIACUSTOMER@PENTAIR.COM EMAIL EVERPURE-SHURFLO EUROPE, PENTAIR WATER BELGIUM BVBA, INDUSTRIEPARK WOLFSTEE, TOEKOMSTLAAN, 30 B-2200 HERENTALS, BELGIUM +32.(0).14.283.500 TEL • +32.(0).14.283.505 FAX • SALES@EVERPURE-EUROPE.COM EMAIL EVERPURE-SHURFLO JAPAN INC., HASHIMOTO MN BLDG. 7F, 3-25-1 HASHIMOTO, MIDORI-KU, SAGAMIHARA-SHI KANAGAWA 252-0143, JAPAN 81.(0)42.775.3011 TEL • 81.(0)42.775.3015 FAX • INFO@EVERPURE.CO.JP EMAIL EVERPURE-SHURFLO SOUTHEAST ASIA, 390 HAVELOCK ROAD, #04-01, KING'S CENTRE, SINGAPORE 169662 65.6795.2213 TEL • FAX: 65.6795.2219 FAX • CSEVERPURE@PENTAIR.COM EMAIL

All Pentair trademarks and logos are owned by Pentair, Inc. All other brand or product names are trademarks or registered marks of their respective owners. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.