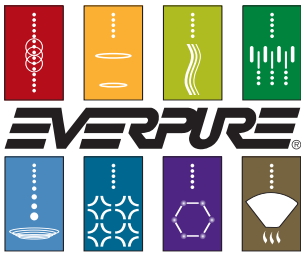




## 2007 Everpure Foodservice Catalogue



[www.danamark.com](http://www.danamark.com)



WH<sub>2</sub>O WE ARE... Everpure is the foodservice industry's most recognized brand in water treatment and services worldwide. We know water. It's our total focus. And that's why, since 1933, more businesses have relied on us for quality performance and immediate

results. Everpure is Total Water Management. We offer a total scope of water treatment technologies, hold more than

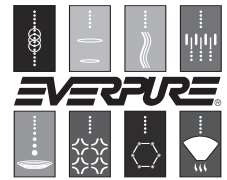
one hundred active and pending patents worldwide, and heavily invest in research and development. Our product quality is constantly measured from idea to delivery through a rigorous quality index, so our customers can trust our products' performance. Our customer-oriented support services deliver detailed water analysis, site surveys and application solutions. Factory-trained professionals provide unparalleled technical support, installation and flexible maintenance options. Plus, our community of Everpure Authority™ Dealers have service expertise you can count on. And most importantly, Everpure's commitment to our customers' success is what drives us

to consistently deliver better water to people everywhere... WE ARE WATER!



Welcome to the world famous Everpure Grill where you'll consistently notice the superior quality of the food and beverages served. You'll enjoy great tasting drinks, robust and flavorful coffee, delicious soups, perfectly steamed vegetables, and of course, sparkling crisp drinking water. Plus, you'll always be impressed with the spotless appearance of the glass and tableware.

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See inside back cover for recommended water specifications on the following:

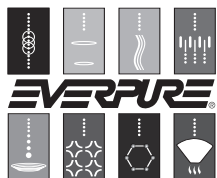
- Coffee/Espresso
- Fountain/Drinking Water
- Ice
- Steam/Warewashing

Everpure®, MicroPure®, Auth2ority®, Kleensteam®, Kleenware®, Insurice®, Coldrink®, Scalekleen®, and the silver canister color of the filter cartridges are registered trademarks of Everpure, LLC; Costguard® is a registered trademark of Everpure, LLC; Microguard™ is a trademark of Pentair Filtration, Inc., Sheboygan, WI, USA; AgION™ is a trademark of AgION Technologies, Inc., Wakefield MA, USA; ScaleStick® and Hydroblend™ are used pursuant to an agreement with PWC Enterprises, Inc.; Autocad® is a registered trademark of Autodesk.

## Everpure Certified to the Highest Standards

Many Everpure filters are tested and certified to the highest Standards by NSF International. More Everpure products carry NSF Certification than those of any other water treatment company. A widely-accepted and recognized global third-party certification provider, NSF provides assurance that Everpure products perform to their contaminant reduction claims for aesthetic and health effects, and that they meet or exceed integrity standards. Refer to each product's Performance Data Sheet for actual certifications or visit [www.nsf.org](http://www.nsf.org).





## Resource Center

### HOW LONG WILL MY FILTER LAST?

This is an important but difficult question to answer. Many factors come into play that cannot be accurately measured or determined since they can be unique to your operation and can change on a daily basis. Filter life should be measured in volume of water treated rather than time they are in use. But customers can more easily measure time rather than volume of water used (without additional equipment installed), so suppliers like Everpure try to assist in estimating the time our filters will last even though we cannot provide accurate estimations in some cases.

Most filters perform 2 functions: Chemical reduction (the adsorption of chlorine and off taste and odor by activated carbon) and Mechanical reduction (the trapping of all dirt, sediment or particulates larger than the micron rating of the filter). While Chemical reduction capacity can be accurately measured in gallons, it is measured without taking into account the sediment that may also be in the water since this can vary from very little to very much. It is this Chemical reduction capacity number that you will see printed on most filters.

Since all water has some degree of sediment and many filters are also designed to trap and hold this sediment, high sediment content can prevent a filter from achieving its rated Chemical reduction capacity. When the filter fills with sediment to its physical capacity, flow will decrease and eventually stop even though it may have more chemical reduction capacity remaining. **Everpure engineers our products to offer the best balance of chemical reduction capacity (using our proprietary Micropure II media) and mechanical reduction capacity (our exclusive Precoat design offering more surface area for greater sediment holding).**

If you feel you have special conditions that could effect proper selection of the best system for your operation, please contact your Everpure Master Distributor or Everpure Technical Service at 1-800-323-7873. We are more than happy to help.

[www.everpure.com](http://www.everpure.com). Your resource for:

- Product Info
- Distributor Locator
- Technical Center
- pureCREATE
- ECTS
- Everpure Water Authority
- Everpure University
- Everpure Branded Merchandise
- Press Releases
- Everpure Residential Products

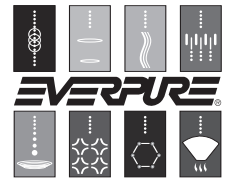


Everpure products are featured in:



### Five Year Warranty on Systems!

Everpure water treatment systems (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. Everpure will provide a copy of the warranty upon request.



## EVERPURE AUTHORITY™

### Everpure Water Authority™ Community of Certified Dealers and Service Technicians

- Represent products renowned for quality, performance and reliability
- Receive expert training (live and on-line) and have access to factory-trained technical support
- Tap into untapped filtration opportunities
- Receive sales and marketing support along with value-added programs
- Earn recognition and rewards

Contact your Master Distributor to learn more about the benefits of the Everpure Water Authority program.

### Everpure Cartridge Tracking System

This new on-line database program was developed to help dealers organize information about your customers' cartridges when monitoring service calls and scheduling cartridge changes. It allows users to record a date for a cartridge installation and enter in a service cycle that's applicable to the specific location. ECTS takes this data and stores it within the secured site. All the information you enter is protected and managed by you. It allows viewing of current cartridge tracking details and generates lists alerting you when cartridges need changing. With ECTS, you never miss an opportunity to offer great service.



### The Importance of Merchandising Water Quality

As you know, there are many important benefits to having a water treatment system in your foodservice operation: better tasting beverages, crystal clear ice, dishes that sparkle, equipment that operates more efficiently and lasts longer, and better carbonation in your fountain beverages.

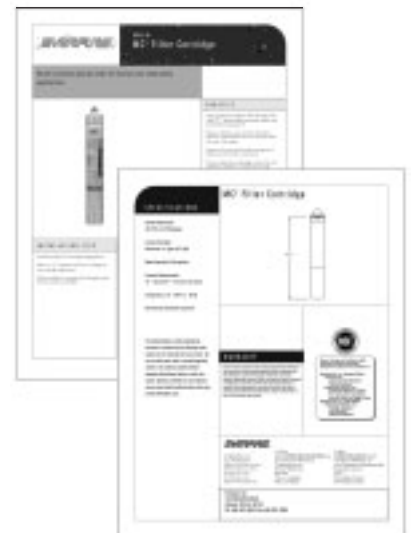
There's an additional benefit to be gained by having your water properly conditioned, and that is enhanced customers' perceptions of your operation. According to a recent national research study\*:

- 73% of consumers believe it is somewhat to extremely important for restaurants to have a water treatment system
- 73% of consumers believe that restaurants that filter their water are likely to have better quality beverages
- 57% of consumers believe that restaurants that filter their water are likely to have better quality food
- 68% of consumers would like to know if a restaurant has a water filtration system
- 77% of consumers believe it is somewhat to extremely important that restaurants use a well-respected brand of filtration system

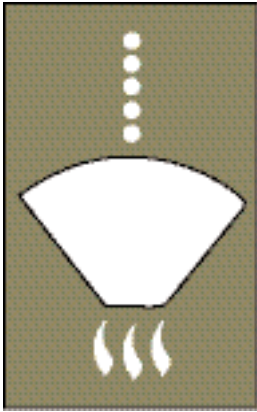
Be sure your customers are aware that you place a high value on serving them the absolute best quality water and beverages. Merchandise and promote that you serve water that's "filtered by Everpure". We can help. Contact us at 1-800-323-7873 and ask for Foodservice Marketing, or email us at [info@everpure.com](mailto:info@everpure.com)

## PURE CREATE™

Everpure's easy to use web-based program lets users develop and print literature and point-of-sale materials such as spec sheets, brochures, posters and stickers. Customize what you create by selecting the products and content you want featured, and even include your company's logo!



\* Research conducted by Datassentials, 2006



# Coffee Filtration Systems

Coffee is 99% water.

## Everpure filters reduce:

- Abrasion and clogging
- Scale build-up and corrosion
- Off-tastes and odors
- Harmful cysts and other contaminants

## The benefits of Everpure filtration:

- Consistent quality/better-tasting coffee
- Less downtime and lower energy costs
- Lower maintenance and equipment costs
- Satisfied customers and increased profits

See individual filter specifications for performance claims.

## SYSTEM SIZING GUIDELINES:

Our system sizing guidelines are approximations based on properly installed equipment, average use at normal operating flow rate and average water conditions. These guidelines are designed to give you approximately 6 months of use between filter cartridge changes. Variations in equipment usage and/or incoming water conditions can produce different results.

System	Equipment Flow Rate Demand	Number of 1/2 Gallon Pots*	Number of Gallons*	Equipment Type
QL2-OCS <sup>2</sup>	0.5 gpm	3,000	1,500	1 - 3 Pot Brewers
QL3-BH <sup>2</sup>	0.5 gpm	6,000	3,000	1 - 3 Pot Brewers
QC7I-MH <sup>2</sup>	1.0 gpm	18,000	9,000	5 Pot Brewers & Satellite Systems
QC7ITwin-MH <sup>2</sup>	1.0 gpm	N/A	18,000	5 - 15 gallon urns

\*Capacity of system may be reduced in areas where higher levels of particulates exist in the water decreasing the flow rate through the filter system over time. Replace cartridge if flow rate is reduced to below the rate demanded by the equipment.

# Replacement Cartridges

Use only genuine Everpure replacement cartridges to protect your system's superior performance, NSF certification, and warranty.



Product:	OCS <sup>2</sup>	BH <sup>2</sup>	MH <sup>2</sup>	2CB5-K	4CB5-K	2CB5-S	4CB5-S
Capacity (Gallons):	1,500	3,000	9,000	3,000	6,000	3,000	6,000
Micron rating:	1/2	1/2	1/2	5	5	5	5
Media:	Micropure II®	Micropure II®	Micropure II®	Carbon Block	Carbon Block	Carbon Block	Carbon Block
<b>Features</b>							
Scale Inhibition	♦	♦	♦	♦	♦	♦	♦
NSF Std 42	♦	♦	♦	♦	♦	♦	♦
Chlorine Reduction	♦	♦	♦	♦	♦	♦	♦
T&O Reduction	♦	♦	♦	♦	♦	♦	♦
Particulate Reduction	♦	♦	♦	♦	♦	♦	♦
Bacteriostatic (KDF® Media)				♦	♦		
Bacteriostatic (NSF Certified)	♦	♦	♦				
NSF Std 53	♦	♦	♦				
Asbestos Reduction	♦	♦	♦				
Turbidity Reduction	♦	♦	♦				
Cyst Reduction	♦	♦	♦				
Part No.	EV9618-02	EV9612-50	EV9613-21	EV9617-06	EV9617-36	EV9617-22	EV9617-21

# Coffee Filtration Systems



**NEW  
Micro-Pure II  
Now NSF  
Certified  
Bacteriostatic**

## FEATURES:

- 1/2 micron precoat filtration with scale control
- New MicroPure® II media with AgION™ antimicrobial protection
- Chlorine, Taste & Odor, Sediment, and Cyst Reduction
- NSF certifications

UP TO 0.5 GPM

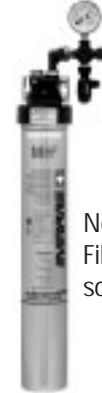
UP TO 1.67 GPM



**QL2-OC<sup>2</sup>**  
Part No. EV9275-60  
Dimensions 12"H x 3.75"W x 4"D  
Ship Wt. 3 lbs.



**QL3-BH<sup>2</sup>**  
Part No. EV9272-00  
Dimensions 16.5"H x 3.75"W x 4"D  
Ship Wt. 4 lbs.



Note:  
Filter head and cartridge  
sold separately

**QC71 Single-MH<sup>2</sup>**  
Dimensions 27.5"H x 5.6"W x 4"D  
Ship Wt. 6 lbs.

**Head Part No. EV9272-41**

**Cartridge Part No. EV9613-21**

UP TO 3.34 GPM

FLUSHING/SANITIZING CARTRIDGE



**QC71 Twin-MH<sup>2</sup>**  
Dimensions 25.26"H x 16.6"W x 5.5"D  
Ship Wt. 12 lbs.

**Head Part No. EV9272-22**

**Cartridge Part No. EV9613-21 (2 Required)**

Note:  
Filter head and cartridges  
sold separately



**Model JT Flushing/Sanitizing Cartridge**  
The JT cartridge is the preferred way to introduce ScaleKleen™ scale remover or other sanitizing agents, such as bleach, into water-using appliances through an existing Everpure filter head.

**2JT Part No. EV9608-10**









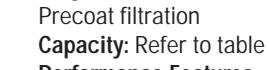
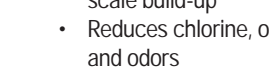
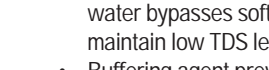


**4JT Part No. EV9608-00**

**\*For ScaleKleen™ See Scale Reduction Page 20**



# In-line Filters

Complete line of economical In-Line filters suitable for many foodservice applications. Depending on model, features include reduction of chlorine, sediment, scale, lead, and cysts. In-Line UV system also available.

Product	Part No.	Description	Capacity
	EV9100-66	6" granular activated carbon for T&O reduction with scale prevention	700 gallons
	EV9100-67	6" 100% phosphate for scale prevention only	6 months
	EV9100-75	9" five micron carbon block for T&O reduction with scale prevention	1,500 gallons
	EV9100-08	10" granular activated carbon with scale control	2,400 gallons
	EV9100-06	10" granular activated carbon with scale control and John Guest Fittings	2,400 gallons
	EV9100-69	10" 100% coconut shell carbon for enhanced T&O reduction	3,900 gallons
	EV9100-71	10" calcite/carbon for T&O with mineral feed	2,000 gallons
	EV9100-72	10" five micron sediment for dirt and particles	6-12 months
	EV9100-73	10" one micron carbon block for T&O, lead and cyst reduction	750 gallons
	EV9100-68	10" KDF-55D/carbon for T&O reduction with scale and slime prevention	5,000 gallons
	EV9100-07	10" high capacity granular activated carbon with scale control	4,800 gallons
	EV9100-86	10" high capacity granular activated carbon with scale control and John Guest Fittings	4,800 gallons
	EV9100-76	15" five micron graded density carbon block for T&O reduction	5,000 gallons
	EV9100-78	15" resin and carbon for T&O reduction with hardness removal	650 grains
	EV9100-77	15" five micron carbon block for T&O reduction with scale prevention	5,000 gallons
	EV9100-79	1/2 GPM UV module destroys bacteria and viruses	12 months
	EV9188-42	UV ballast 120/60 mechanical	_____



# Espresso Systems

Replacement Cartridges

## ESO

### Technology:

- Ion exchange resin
- Magnesium Oxide buffering agent
- Precoat filtration

**Capacity:** Refer to table (on next page)

### Performance Features:

- Reduces hardness that can cause scale build-up
- Reduces chlorine, off tastes and odors
- Reduces particulates
- Small amount of carbon filtered water bypasses softening resin to maintain low TDS level
- Buffering agent prevents water from becoming too acidic



## SO-10, SO-20, SO-204

### Technology:

Ion exchange resin

**Capacity:** 750 grains (SO-10)  
1,500 grains (SO-20)  
4,500 grains (SO-204)

### Performance Features:

- Reduces hardness that can cause mineral build-up
- Reduces calcium and magnesium
- May be used on water with up to 30 grains hardness per gal at flow rates up to 0.5 gpm (SO-10), 0.75 gpm (SO-20), and 2 gpm (SO-204).
- SO-10 fits standard 10" bowl housings
- SO-20 fits standard 20" bowl housings
- SO-204 fits SO-24 system and 20" big bowl housings

Part No. EV9607-20

### ESPRESSO APPLICATION GUIDE:

$$\frac{\text{CARTRIDGE GRAIN CAPACITY}}{\text{GRAINS PER GALLON IN INFLUENT WATER}} = \text{TOTAL GALLONS PRODUCT WATER}$$

SO-10 Part No. DEV9105-41

SO-20 Part No. DEV9105-42

SO-204 Part No. DEV9105-45

# Espresso Systems

Espresso equipment requires high quality water.

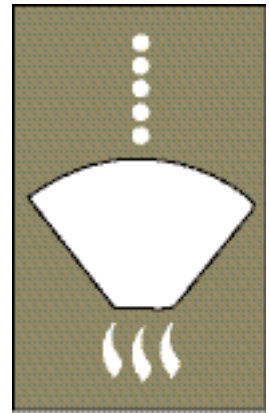
## Everpure filters reduce:

- Abrasion and clogging
- Scale build-up and corrosion
- Off-tastes and odors
- Chlorine Taste

## The benefits of Everpure filtration:

- Consistent quality/better-tasting drinks
- Less downtime and lower energy costs
- Lower maintenance and equipment costs
- Satisfied customers and increased profits

See individual filter specifications for performance claims.



## 3-STAGE BLENDING SYSTEMS

### ESO Cartridge Capacity

Incoming Water Hardness (grains/gal)	Volume to Changeout (gallon)	Number 8 oz. cups
3	1474	23576
4	1105	17682
6	737	11788
8	553	8841
10	442	7073
12	368	5894
14	316	5052
16	276	4421
18	246	3929
20	221	3536
22	201	3215
24	184	2947



- Unique 3-stage blending cartridge provides softened/buffered/precoat filtered water
- Small amount of carbon filtered water bypasses softening resin to maintain low TDS level

System	Specifications	Part No.
QC7I Single - ESO	Flow Rate: .5 GPM Capacity: 4,400 Grains Weight: 6 lbs. Dimensions: 27.5"H x 5.6"W x 4"D	Head: EV9272-41 Cartridge: EV9607-20
QC7I Twin - ESO	Flow Rate: 1.0 GPM Capacity: 8,800 Grains Weight: 12 lbs. Dimensions: 25.26"H x 16.6"W x 5.5"D	Head: EV9272-22 Cartridge: EV9607-20 (2 required)
QC7I Triple - ESO	Flow Rate: 1.5 GPM Capacity: 13,200 Grains Weight: 18 lbs. Dimensions: 25.26"H x 20.7"W x 5.5"D	Head: EV9272-23 Cartridge: EV9607-20 (3 required)

NOTE: Head and Cartridges sold separately

## POINT OF USE SOFTENING SYSTEMS



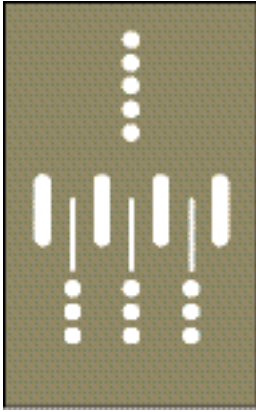
System	Specifications	Part No.
A-11 SO-10	Flow Rate: .5 GPM Capacity: 750 Grains	Housing: EV9100-02 Cartridge: DEV9105-41
A-20 SO-20	Flow Rate: .75 GPM Capacity: 1,500 Grains	Housing: EV9100-03 Cartridge: DEV9105-42
SO-24	Flow Rate: 2.0 GPM Capacity: 4,500 Grains	System: EV9100-94

## COMBINATION FILTRATION/SOFTENING SYSTEM



NOTE: Head and Cartridges sold separately

System	Specifications	Part No.
MC <sup>2</sup> -SO	Flow Rate: 1.67 GPM Softening Capacity: 2,000 Grains Filtration Capacity: 9,000 Gallons Weight: 18 lbs. Dimensions: 23.03"H x 16.6"W x 5.5"D	Head: EV9272-24 Cartridges: MC <sup>2</sup> : EV9612-56 7S0: EV9607-04



# Fountain Beverage Systems

Fountain Beverages are 83% water

## Everpure filters reduce:

- Abrasion and clogging from dirt
- Improper carbonation and off-tastes and odors
- Harmful cysts and other contaminants

## The benefits of Everpure filtration:

- Consistent beverage quality
- Less downtime and lower maintenance and equipment costs
- Bottled-quality taste and appeal
- Satisfied customers and increased profits

See individual filter specifications for performance claims.

## SYSTEM SIZING GUIDELINES:

Our system sizing guidelines are approximations based on properly installed equipment, average use at normal operating flow rate and average water conditions. These guidelines are designed to give you approximately 6 months of use between filter cartridge changes. Variations in equipment usage and/or incoming water conditions can produce different results.

System	Max Flow Rate	# of Carbonators	# of Bag in Box
Single/Coldrink 1	1.67 gpm	Single	<25/mo
Twin/Coldrink 2	3.34 gpm	Dual	<50/mo
Triple/Coldrink 3	5 gpm	Triple	<75/mo
Quad	6.67 gpm	Multiple	>75/mo
Dual High Flow	13.36 gpm	Multiple	High Volume

## Replacement Cartridges

Use only genuine Everpure replacement cartridges to protect your system's superior performance, NSF certification, and warranty.



	Product: MC <sup>2</sup>	XC <sup>2</sup>	4CB5-K	7CB5-K	4CB5	7CB5
Capacity (Gallons):	9,000	12,000	6,000	10,000	6,000	10,000
Micron rating:	1/2	1/2	5	5	5	5
Media:	Micropure II®	Micropure II®	Carbon Block	Carbon Block	Carbon Block	Carbon Block
<b>Features</b>						
NSF Std 42	◆	◆	◆	◆	◆	◆
Chlorine Reduction	◆	◆	◆	◆	◆	◆
T&O Reduction	◆	◆	◆	◆	◆	◆
Particulate Reduction	◆	◆	◆	◆	◆	◆
Bacteriostatic (KDF® Media)			◆	◆		
Bacteriostatic (NSF Certified)	◆	◆				
NSF Std 53	◆	◆				
Asbestos Reduction	◆	◆				
Turbidity Reduction	◆	◆				
Cyst Reduction	◆	◆				
Part No.	EV9612-56	EV9613-10	EV9617-36	EV9617-76	EV9617-11	EV9618-11

# Fountain Beverage Systems



**NEW  
Micro-Pure II  
Now NSF  
Certified  
Bacteriostatic**

## FEATURES:

- 1/2 micron precoat filtration
- New MicroPure® II media with AglON™ antimicrobial protection
- Chlorine, Taste & Odor, Sediment, and Cyst Reduction
- NSF certifications

UP TO 1.67 GPM

UP TO 3.34 GPM



**QC7I Single-MC<sup>2</sup>**  
Part No. EV9275-01  
Rated Capacity 9,000 gal.  
Dimensions  
27.5"H x 5.6"W x 4"D  
Ship Wt. 6 lbs.



**Coldrink 1-MC<sup>2</sup>**  
Part No. EV9328-01  
Rated Capacity 9,000 gal.  
Dimensions  
28"H x 20"W x 6"D  
Ship Wt. 18 lbs.



**QC7I Twin-MC<sup>2</sup>**  
Part No. EV9275-02  
Rated Capacity 18,000 gal.  
Dimensions  
25.26"H x 16.6"W x 5.5"D  
Ship Wt. 10 lbs.



**Coldrink 2-MC<sup>2</sup>**  
Part No. EV9328-02  
Rated Capacity 18,000 gal.  
Dimensions  
25.59"H x 21.5"W x 6"D  
Ship Wt. 20 lbs.

UP TO 5 GPM

UP TO 6.7 GPM

UP TO 13.36 GPM



**QC7I Triple-MC<sup>2</sup>**  
Part No. EV9275-03  
Rated Capacity 27,000 gal.  
Dimensions  
25.26"H x 20.7"W x 5.5"D  
Ship Wt. 15 lbs.



**Coldrink 3-MC<sup>2</sup>**  
Part No. EV9328-03  
Rated Capacity 27,000 gal.  
Dimensions  
25.59"H x 25.75"W x 6"D  
Ship Wt. 23 lbs.



**QC7I Quad-MC<sup>2</sup>**  
Part No. EV9337-11  
Rated Capacity 36,000 gal.  
Dimensions  
25.69"H x 24.6"W x 5.5"D  
Ship Wt. 20 lbs.



**Dual High Flow  
Coldrink S-MC<sup>2</sup>**  
Part No. EV9337-44  
Rated Capacity 72,000 gal.  
1 outlet  
Dimensions  
37.25"H x 36"W x 14.25"D  
Ship Wt. 70 lbs.

**Dual High Flow  
Coldrink M-XC<sup>2</sup>**  
Part No. EV9337-22  
Rated Capacity 96,000 gal.  
8 outlets  
Dimensions  
42"H x 36"W x 14.25"D  
Ship Wt. 73 lbs.



# Fountain Beverage Systems

with Chloramine Reduction

## FEATURES:

- NSF certified for chlorine, chloramine, and taste and odor reduction
- 302E/312E: NSF certified for cyst, particulate, and turbidity reduction
- All systems complete with cartridge(s), gauge(s), shut-off valve, and flushing valve (302E/312E only)

## What you should know about Chloramine

Chloramine is not new. Many cities in the U.S. and Canada have used chloramine for decades and use is increasing. Recently, more municipalities have changed their disinfectant from chlorine to chloramine.

Chloramine is a combination of chlorine and a small amount of ammonia, which has an adverse effect on the taste and odor of drinking water and ingredient water. Chloramine may also cause certain types of rubber lining of water lines to disintegrate over a period of time. Foodservice professionals may need to modify their water filtration systems or consider adding one to reduce chloramine.

If you have a problem with chloramine, contact your local Everpure representative for treatment options that are right for you.

UP TO 5.0 GPM



Add to Existing System

**CB20-124E**  
**Part No. EV9100-51**  
 Rated Capacity 15,000 gal.  
 Dimensions  
 25.875"H x 7.25"W x 8.5"D  
 Ship Wt. 22 lbs.



**CB20-302E**  
**Part No. EV100-32**  
 Rated Capacity 20,000 gal.  
 Dimensions  
 27.75"H x 20.75"W x 9"D  
 Ship Wt. 46 lbs.



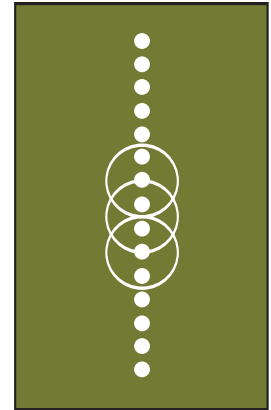
**CB20-312E**  
**Part No. EV9100-37**  
 Rated Capacity 60,000 gal.  
 Dimensions  
 29.5"H x 25"W x 15.125"D  
 Ship Wt. 82 lbs.



## CB20 Cartridge Kits

Product	Part No.	Description	Technology	Capacity
124E Kit	EV9105-02	(1) CC1E cartridge	Granular Activated Carbon	15,000 gal.
302E Kit	EV9105-21	(1) CC1E and (1) CC3E cartridges	Granular Activated Carbon (CC1E) Submicron Carbon Block (CC3E)	20,000 gal.
312E Kit	EV9105-34	(1) CC1E and (2) CC3E cartridges	Granular Activated Carbon (CC1E) Submicron Carbon Block (CC3E)	60,000 gal.

# Prefilters



## APPLICATIONS:

- For areas where excessive dirt and solid particles are found in the water
- Will extend the life of submicron carbon filters

### POINT OF USE SYSTEMS



**E-10 10" Coarse Prefilter**  
Part No. EV9795-80



**E-20 20" Coarse Prefilter**  
Part No. EV9795-90

Note:  
Refer to  
page 25 for  
replacement  
cartridges

#### Wing Bracket Assembly for (E-series) Prefilters

Allows for retrofit to multiple head systems  
manufactured after 9-1-2003

**Part No. EV3114-34** (left wing bracket assembly)

### HIGH CAPACITY SYSTEM



**Parallel 202 Prefilter Kit**  
Includes Parallel 202 Housing, (2) DGD  
2501 Sediment Reduction cartridges and  
12 gallon reserve capacity surge tank  
Shipped in 2 boxes:  
System Weight 32.5 lbs  
Tank Weight 35 lbs

**Part No. EV9336-52**

**Parallel 202 Prefilter Kit w/o Tank**  
System Weight 32.5 lbs

**Part No. EV9100-24**



**DGD 2501 Replacement  
Sediment Reduction Cartridge**  
Dual Graded Density (25 and 1 micron)

**Part No. DEV9108-40**

**DGD 5005 Replacement  
Sediment Reduction Cartridge**  
Dual Graded Density (50 and 5 micron)

**Part No. DEV9108-37**

### SELF FLUSHING SYSTEMS

#### HSD 440P Automatic Self Flushing Prefilter

- Submicron, high capacity prefilter maximizes the life of carbon filters and extends cartridge change intervals
- Programmable self flushing capability allows for several years use between cartridge replacement
- Patented multi-bore ultra filtration membrane technology is effective in removing colloidal particles from water
- Also provides bacteria and virus reduction

#### Application:

For high volume and/or high turbidity areas desiring greater interval between cartridge replacements.

Max. Flow Rate 10 gpm

Ship Wt. 35 lbs.

Dimensions 52"H x 10"W x 6.75"D

**Part No. EV9344-00 (120 V)**

#### Replacement HSD Cartridge:

**Part No. EV3117-69**

#### High Flow System Configurations

Complete system including high flow manifold, SR-X feeder and SS-IMF Cartridge, 7TO Cartridges, and HSD 440P Prefilter.

#### High Flow HSD 440P Triple-TO

Ship Wt. 59 lbs.

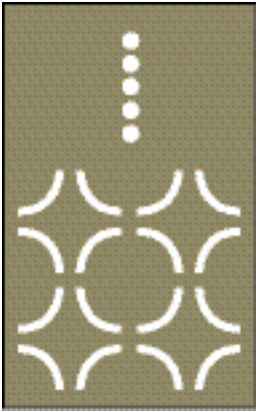
**Part No. EV9344-20**

#### High Flow HSD 440P Quad-TO

Ship Wt. 68 lbs.

**Part No. EV9344-30**





# Ice Filtration Systems

Ice is 100% water. 70% of service calls are water related

### Everpure filters reduce:

- Abrasion and clogging
- Scale build-up and corrosion
- Off-tastes and odors
- Harmful cysts and other contaminants
- Particulates that result in cloudy ice

### The benefits of Everpure filtration:

- Best quality ice possible
- Less downtime and lower maintenance and equipment costs
- Satisfied customers and increased profits

See individual filter specifications for performance claims.

## SYSTEM SIZING GUIDELINES:

Our system sizing guidelines are approximations based on properly installed equipment, average use at normal operating flow rate and average water conditions. These guidelines are designed to give you approximately 6 months of use between filter cartridge changes. Variations in equipment usage and/or incoming water conditions can produce different results.

Insurice System	Max Flow Rate	Cuber Size Low Flow	Cuber Size High Flow	Flaker Size
Single/Single PF	1.67 gpm	<650 lbs/day	N/A	<1,500 lbs/day
Twin/Twin PF	3.34 gpm	<1,200 lbs/day	<650 lbs/day	<2,500 lbs/day
Triple/Triple PF	5 gpm	<1,600 lbs/day	<1,200 lbs/day	<3,500 lbs/day
Quad	6.7 gpm	<2,400 lbs/day	<2,400 lbs/day	High Volume

## Replacement Cartridges

Use only genuine Everpure replacement cartridges to protect your system's superior performance, NSF certification, and warranty.



Product:	i2000 <sup>2</sup>	i4000 <sup>2</sup>	4CB5-K	7CB5-K	4CB5-S	7CB5-S
Capacity (Gallons):	9,000	12,000	6,000	10,000	6,000	10,000
Micron rating:	1/2	1/2	5	5	5	5
Media:	Micropure II®	Micropure II®	Carbon Block	Carbon Block	Carbon Block	Carbon Block
<b>Features</b>						
Scale Inhibition	◆	◆	◆	◆	◆	◆
NSF Std 42	◆	◆	◆	◆	◆	◆
Chlorine Reduction	◆	◆	◆	◆	◆	◆
T&O Reduction	◆	◆	◆	◆	◆	◆
Particulate Reduction	◆	◆	◆	◆	◆	◆
Bacteriostatic (KDF® Media)			◆	◆		
Bacteriostatic (NSF Certified)	◆	◆				
NSF Std 53	◆	◆				
Asbestos Reduction	◆	◆				
Turbidity Reduction	◆	◆				
Cyst Reduction	◆	◆				
Part No.	EV9612-22	EV9612-32	EV9617-36	EV9617-76	EV9617-21	EV9618-21

# Ice Filtration Systems



**NEW  
Micro-Pure II  
Now NSF  
Certified  
Bacteriostatic**

## FEATURES:

- 1/2 micron precoat filtration with scale control
- New MicroPure® II media with AgION™ antimicrobial protection
- Chlorine, Taste & Odor, Sediment, and Cyst Reduction
- NSF certifications

UP TO 1.67 GPM

UP TO 3.34 GPM



**Insurice Single-i2000<sup>2</sup>**  
**Part No. EV9324-01**  
 Rated Capacity 9,000 gal.  
 Dimensions  
 27.5"H x 6"W x 4"D  
 Ship Wt. 6 lbs.



**Insurice Single PF-i2000<sup>2</sup>**  
**Part No. EV9324-21**  
 Rated Capacity 9,000 gal.  
 Dimensions  
 28"H x 20"W x 6"D  
 Ship Wt. 20 lbs.



**Insurice Twin-i2000<sup>2</sup>**  
**Part No. EV9324-02**  
 Rated Capacity 18,000 gal.  
 Dimensions  
 25.26"H x 16.6"W x 5.5"D  
 Ship Wt. 12 lbs.



**Insurice Twin PF-i2000<sup>2</sup>**  
**Part No. EV9324-22**  
 Rated Capacity 18,000 gal.  
 Dimensions  
 25.59"H x 21.5"W x 6"D  
 Ship Wt. 22 lbs.

UP TO 5 GPM

UP TO 6.7 GPM



**Insurice Triple-i4000<sup>2</sup>**  
**Part No. EV9325-03**  
 Rated Capacity 36,000 gal.  
 Dimensions  
 29.26"H x 21"W x 5.5"D  
 Ship Wt. 18 lbs.



**Insurice Triple PF-i4000<sup>2</sup>**  
**Part No. EV9325-23**  
 Rated Capacity 36,000 gal.  
 Dimensions  
 30.34"H x 25.75"W x 6"D  
 Ship Wt. 23 lbs.



**Insurice Quad-i4000<sup>2</sup>**  
**Part No. EV9325-04**  
 Rated Capacity 48,000 gal.  
 Dimensions  
 29.69"H x 24.6"W x 5.5"D  
 Ship Wt. 22 lbs.

# Steam Treatment Systems

Steam is 100% water.

Everpure systems reduce:

- Abrasion and clogging
- Scale build-up and corrosion

The benefits of Everpure filtration:

- Fewer delimitings
- Equipment lasts longer
- Less downtime and maintenance
- Lower energy costs
- Satisfied operators

See individual filter specifications for performance claims.

## SYSTEM SIZING GUIDELINES:

Our system sizing guidelines are approximations based on properly installed equipment, average use at normal operating flow rate and average water conditions. These guidelines are designed to give you approximately 6 months of use between filter cartridge changes. Variations in equipment or usage and/or incoming water conditions can produce different results.

System	Max Flow Rate	Steamer Equipment	Size
Kleensteam CT	1.67 gpm	Counter Top (light duty)	Counter Top
Kleensteam II Single	2.5 gpm	Boiler Based	18KW - 48KW (electric) 125,000 - 225,000 BTU (gas)
Kleensteam II Twin	5.0 gpm	High Flow and Combi Ovens	175,000 - 300,000 BTU (gas)

\*For flash steamers, refer to page 23 for reverse osmosis systems

## Replacement Cartridges

### CARBON FILTERS



**4CB5**

Features:

- 5 micron
- Carbon Block

Capacity

- 6,000 gal.

Part No. EV9617-11



**7CB5**

Features:

- 5 micron
- Carbon Block

Capacity

- 10,000 gal.

Part No. EV9618-11

### SCALE INHIBITION



**SS-10 Scalestick**

Features:

- Hydroblend compound
- Translucent housing
- Fits current SR-X and older AR-X housings

Part No. EV9799-02

### SCALE REMOVER



**SCALEKLEEN™ Scale Remover**

The smart, environmentally safe way to delime water-using appliances.

- 1.75 oz. (50 gram) packets. 96 pks./case  
Part No. EV9796-50 (English/French)  
Part No. EV9798-50 (English/Spanish)
- 7 oz. (200 gram) packets. 24 pks./case  
Part No. EV9796-20 (English/French)  
Part No. EV9798-20 (English/Spanish)
- 2.2 lb. (1 kg.) packets. 4 pks./case  
Part No. EV9796-01 (English/French)  
Part No. EV9798-01 (English/Spanish)

# Steam Treatment Systems



## FEATURES:

- Total system approach
- Chlorine reduction minimizes corrosion
- Scale inhibition reduces scale build-up
- Scalekleen feeder provides safe, easy deliming

### SCALE INHIBITION/DELIMING

### UP TO 1.67 GPM



#### SR-X Scale Inhibitor Feeder and Deliming System

- Inhibits limescale build-up by dispensing controlled amount of HydroBlend™ compound, ideal for high temperature locations
- Provides more consistent feed of polyphosphate and longer life
- Housing converts to ScaleKleen Feeder for periodic delimings
- System includes SR-X 10" clear housing, one SS-10 cartridge, dip tube, and one 2.2 lbs. package of ScaleKleen

Ship Wt. 6 lbs  
Dimensions: 12.44" H x 5.16" W x 5.5" D  
**Part No. EV9797-20**



#### Kleensteam CT

- Includes 4CB5 carbon filter, SS-10 scale inhibitor cartridge, dip tube and two 7 oz. bags of Scalekleen

Ship Wt. 15 lbs  
Dimensions: 18.75" H x 15" W x 7" D

**Part No. EV9797-50**

### UP TO 2.5 GPM

### UP TO 5.0 GPM



#### Kleensteam II Single

- Includes 7CB5 carbon filter, SS-10 scale inhibitor cartridge, dip tube and four 2.2 lbs. bags of Scalekleen

Ship Wt. 26 lbs  
Dimensions: 20.5" H x 25.5" W x 7" D  
**Part No. EV9797-21**

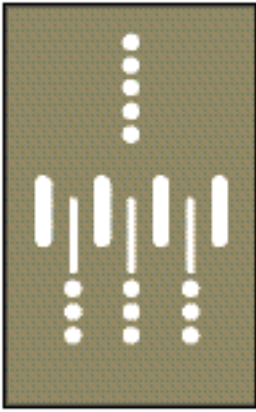


#### Kleensteam II Twin

- Includes two 7CB5 carbon filters, SS-10 scale inhibitor cartridge, dip tube and four 2.2 lbs. bags of Scalekleen

Ship Wt. 28 lbs  
Dimensions: 20.5" H x 25.5" W x 7" D

**Part No. EV9797-22**



# Combination Systems

## Systems for multiple applications

### Everpure filters reduce:

- Abrasion and clogging from dirt
- Improper carbonation and off-tastes and odors
- Scale build-up and corrosion
- Harmful cysts and other contaminants

### The benefits of Everpure filtration:

- Consistent beverage and ice quality
- Less downtime and lower maintenance and equipment costs
- Satisfied customers and increased profits

See individual filter specifications for performance claims.

## SYSTEM SIZING GUIDELINES:

Our system sizing guidelines are approximations based on properly installed equipment, average use at normal operating flow rate and average water conditions. These guidelines are designed to give you approximately 6 months of use between filter cartridge changes. Variations in equipment usage and/or incoming water conditions can produce different results.

System	Max Flow Rate	Capacity*	Equipment Type
High Flow CSR Twin - MC <sup>2</sup>	3.34 gpm	18,000 gal.	Single Carbonator 2 Pot Coffee Brewer 600 lb Ice Machine
High Flow CSR Triple - MC <sup>2</sup>	5.0 gpm	27,000 gal.	Dual Carbonator 4 Pot Coffee Brewer 600 lb Ice Machine
High Flow CSR Quad - MC <sup>2</sup>	6.67 gpm	36,000 gal.	Four Carbonators 4 Pot Coffee Brewer 1200 lb Ice Machine
High Flow CSR Plus - XC <sup>2</sup>	6.67 gpm	48,000 gal	Added Capacity for Higher Volume Operations

\*Rated Chemical Filtration Capacity. Mechanical (Sediment) Filtration Capacity is dependent on incoming water quality.

Use only genuine Everpure replacement cartridges to protect your system's superior performance, NSF certification, and warranty.



Application	Description	Part No.
Prefilter	EC210	EV9534-26
Precoat w/MicroPure® II	MC <sup>2</sup>	EV9612-56
Precoat w/MicroPure® II	XC <sup>2</sup> (33% more capacity)	EV9613-10
Scale Reduction	SS-IMF	EV9799-32
Spacer for SS-IMF	SS-IMF 10" housing adapter	EV3114-69
Triple-MC <sup>2</sup> Kit	1 ea EC210 3 ea MC <sup>2</sup> 1 ea SS-IMF w/spacer	EV9970-42
Quad-MC <sup>2</sup> Kit	1 ea EC210 4 ea MC <sup>2</sup> 1 ea SS-IMF w/spacer	EV9628-28
Quad-XC <sup>2</sup> Kit	1 ea EC210 4 ea XC <sup>2</sup> 1 ea SS-IMF w/spacer	EV9628-29

# Combination Systems



## FEATURES:

- 20" coarse prefilter
- 1/2 micron precoat filtration with new MicroPure® II media
- SR-X Scale Reduction Feeder featuring Scalestick
- Manifold has inlet water shut-off valve, flushing valve, inlet/outlet water pressure gauges, and dual outlets

UP TO 3.34 GPM



**High Flow CSR Twin-MC<sup>2</sup>**  
Rated Capacity 18,000 gal.  
Dimensions  
25.59" H x 25.8" W x 6.74" D  
Ship Wt. 30 lbs.  
**Part No. EV9330-42**

UP TO 5.0 GPM



**High Flow CSR Triple-MC<sup>2</sup>**  
Rated Capacity 27,000 gal.  
Dimensions  
25.59" H x 30" W x 6.74" D  
Ship Wt. 39 lbs.  
**Part No. EV9328-06**  
**Part No. EV9328-05 (w/ low pressure alarm)**

UP TO 6.67 GPM



**High Flow CSR Quad-MC<sup>2</sup>**  
Rated Capacity 36,000 gal.  
Dimensions  
25.69" H x 34" W x 6.75" D  
Ship Wt. 43 lbs.  
**Part No. EV9437-10**  
**Part No. EV9437-11 (w/ low pressure alarm)**

UP TO 6.67 GPM



**High Flow CSR Plus-XC<sup>2</sup>**  
Rated Capacity 48,000 gal.  
Dimensions  
29.69" H x 31.58" W x 6.75" D  
Ship Wt. 70 lbs.  
**Part No. EV9347-20**  
**Part No. EV9347-21 (w/ low pressure alarm)**

# Scale Reduction

## Minimize maintenance costs

### The benefits of Everpure water treatment:

- Scale build-up can increase energy usage and equipment maintenance costs while shortening the life of equipment
- Economical solutions are available to control this build-up and periodically remove any accumulation
- Consider for all equipment that heats or freezes water in areas with water that has even small levels of hardness



### SCALE INHIBITION



#### SR-X Scale Inhibitor Feeder

- Complete system that inhibits limescale build-up
- Dispenses controlled amount of HydroBlend™ compound
- Provides more consistent feed of polyphosphate and longer life
- System includes SR-X 10" clear housing with one SS-IMF cartridge and spacer

#### Application:

For scale reduction in all ice, coffee and combination applications.

**Part No. EV9798-45**

#### Right Side Wing Bracket Assembly

- Kit allows for easy retrofitting of SR-X system to right side of multiple head systems manufactured 9/1/2003 to present.

**Part No. EV3114-35**

### SCALE INHIBITION AND DELIMING



#### SR-X Scale Inhibitor Feeder and Deliming System

- Inhibits limescale build-up by dispensing controlled amount of HydroBlend™ compound
- Provides more consistent feed of polyphosphate and longer life
- Housing converts to ScaleKleen Feeder for periodic delimiting
- System includes SR-X 10" clear housing, one SS-10 cartridge, dip tube, and one 2.2 lbs. package of ScaleKleen

#### Application:

For scale reduction and delimiting in steam applications

**Part No. EV9797-20**



### DELIMITING



#### HFC-10 Delimiting System

Plumbs into hot water line, providing easy delimiting of equipment. Uses ScaleKleen™ scale remover. Includes high temperature 10" housing, 2.2 lbs. ScaleKleen™ scale remover, hardness test strip and dip tube.

Dimensions 12.5"H x 5.5"W x 5.5"D  
Ship Wt. 9 lbs.

**Part No. EV9100-91**

#### Model JT Flushing/Sanitizing Cartridge

The JT cartridge is the preferred way to introduce ScaleKleen™ scale remover or other sanitizing agents, such as bleach, into water-using appliances through an existing Everpure filter head.

**2JT Part No. EV9608-10**

**4JT Part No. EV9608-00**



### SCALE REMOVER

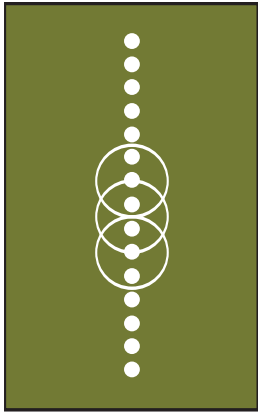


#### SCALEKLEEN™ Scale Remover

The smart, environmentally safe way to delime brewing equipment and other water-using appliances.

- 1.75 oz. (50 gram) packets. 96 pks./case  
**Part No. EV9796-50 (English/French)**  
**Part No. EV9798-50 (English/Spanish)**
- 7 oz. (200 gram) packets. 24 pks./case  
**Part No. EV9796-20 (English/French)**  
**Part No. EV9798-20 (English/Spanish)**
- 2.2 lb. (1 kg.) packets. 4 pks./case  
**Part No. EV9796-01 (English/French)**  
**Part No. EV9798-01 (English/Spanish)**

# Warewashing



## Keep dishwashers running smoothly

### The benefits of Everpure filtration:

- Equipment lasts longer
- Less downtime and lower equipment costs
- Lower maintenance and energy costs
- Increased profits
- Easy deliming

### DELIMING



#### HFC-10 Deliming System

Plumbs into hot water line, providing easy deliming of warewashing equipment and hot water boosters. Uses ScaleKleen™ scale remover. Includes high temperature 10" housing, 2.2 lbs. ScaleKleen™ scale remover, hardness test strip and dip tube.

Max Flow Rate 6 gpm  
Dimensions 12.5"H x 5.5"W x 5.5"D  
Ship Wt. 9 lbs.  
**Part No. EV9100-91**

### SCALE CONTROL



#### Kleenware HTS-11 Scale Control System

For warewashers and booster heaters. Inhibits limescale build-up and reduces corrosion. Features metering flow through head, high temperature housing and transparent cartridge containing Hydroblend® compound effective up to 200° F, 15 gpm.

Max Feeder Inlet Temperature 170°F  
Dimensions 12.5"H x 4.75"W x 4.75"D  
Ship Wt. 7 lbs.  
**Part No. EV9799-11**



### Commercial Softening Systems

Everpure offers a complete line of commercial water softeners ranging from 34,000 grains to 512,000 grains. Contact Everpure Customer Service at 1-800-323-7873 for more information



#### HT-10

**Technology:** Hydroblend™ Compound  
**Performance Features:**

- Scale inhibition cartridge
- Dispenses controlled amount of phosphate
- Translucent cartridge allows for visual monitoring of product usage
- Fits Kleenware™ HTS-10 and HTS-11 Scale Control Systems

**Part No. EV9799-22**

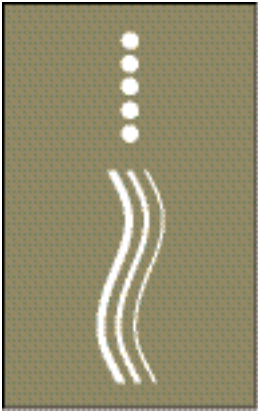
Use only genuine Everpure replacement cartridges to protect your system's superior performance, NSF certification, and warranty.

#### SCALEKLEEN™ Scale Remover

The smart, environmentally safe way to delime brewing equipment and other water-using appliances.

- 1.75 oz. (50 gram) packets. 96 pks./case  
**Part No. EV9796-50 (English/French)**  
**Part No. EV9798-50 (English/Spanish)**
- 7 oz. (200 gram) packets. 24 pks./case  
**Part No. EV9796-20 (English/French)**  
**Part No. EV9798-20 (English/Spanish)**
- 2.2 lb. (1 kg.) packets. 4 pks./case  
**Part No. EV9796-01 (English/French)**  
**Part No. EV9798-01 (English/Spanish)**





# Reverse Osmosis Systems

## When to consider Reverse Osmosis

If the Total Dissolved Solid (TDS) content in the water is high enough to:

- Impart objectionable taste
- Prevent conventional forms of scale control from providing acceptable results
- Negatively impact the "recipe"

Reverse Osmosis should be considered when TDS levels in excess of 300 ppm are present

## MRS COMBI SYSTEM SERIES

Multiple outlet system delivers reverse osmosis, filtered, or customized blended water for multiple foodservice applications. For use in coffee, steam, reconstitution, ice and multiple applications. System can be built to needs. Gallon per day capacities range from 225 to 700, submicron filtration can be added with blend back valve, a variety of storage tanks are available as well as special options. Contact your local Everpure representative for assistance or call 1-800-323-7873



Floor mount or wall mount design allows flexible installation

## MRS SYSTEM REPLACEMENT CARTRIDGES

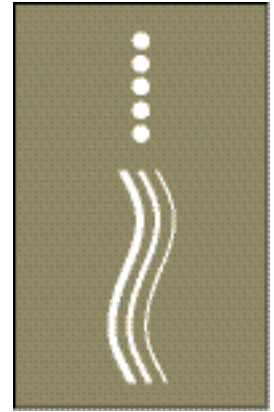
Replacement Cartridges



\*Product shown in order listed; Product size not to scale

Application	Model	Used with System	Part No.
Carbon Prefilter	4CB5	MRS-20	EV9617-11
	6TO-BW	MRS-100/100CC/COMBI	EV9607-41
	7TO-BW	MRS-100/100CC/COMBI	EV9607-05
RO Module	MR20	MRS-20	EV9273-69
	MR100	MRS-100/100CC	EV9627-11
	MR225	MRS-225/225CC/COMBI	EV9627-03
	MR350	MRS COMBI	EV9627-07
Calcite Feeder	7CC-BW	MRS-100CC/225CC	EV9627-05

# Reverse Osmosis Systems



## NOTE:

- Water production is dependent on incoming water temperature and line pressure. Consult your Everpure representative for assistance in correct system selection and design.

### UP TO 20 GPD



**MRS-20 w/3 Gal. Storage Tank**  
 Dimensions Processor  
 25"H x 22.5"W x 5"D  
 Dimensions Tank  
 27"H x 22.5"W x 11.5"D  
 Ship Wt. 35 lbs.  
**Part No. EV9797-91**

### UP TO 100 GPD



**MRS-100**  
 Dimensions  
 30"H x 15"W (20.5"W w/Prefilter) x 8"D  
 Ship Wt. 27 lbs.

**Part No. EV9970-07**

**MRS-100CC**  
 Dimensions  
 34"H x 15"W (20.5"W w/Prefilter) x 8"D  
 Ship Wt. 27 lbs.

**Part No. EV9970-10**

**\*\*MRS 100CC shown  
 with optional prefilter;  
 order tank separately**

**Optional 10" Prefilter Kit  
 Part No. EV9795-81**

### UP TO 225 GPD



**MRS-225**  
 Dimensions  
 30"H x 15"W (20.5"W w/Prefilter) x 8"D  
 Ship Wt. 27 lbs.

**Part No. EV9970-08**

**MRS-225CC**  
 Dimensions  
 34"H x 15"W (20.5"W w/Prefilter) x 8"D  
 Ship Wt. 32 lbs.

**Part No. EV9970-09**

**\*\*MRS 225CC shown  
 with optional prefilter;  
 order tank separately**

**Optional 10" Prefilter Kit  
 Part No. EV9795-81**

### RO STORAGE TANKS



- **3-Gallon RO storage tank**  
**Part No. EV3102-75**  
 Inlet/Outlet: 1/4" male NPT

- **15-Gallon RO storage tank**  
**Part No. DEV3115-69**  
 Inlet/Outlet: 1" male NPT

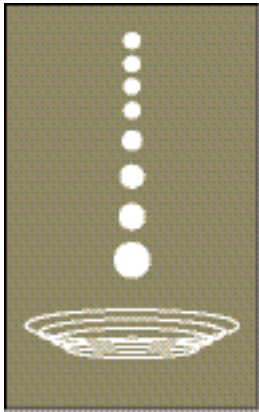
- **20-Gallon RO storage tank**  
**Part No. DEV3115-70**  
 Inlet/Outlet: 1" male NPT

- **30-Gallon RO storage tank**  
**Part No. DEV3115-71**  
 Inlet/Outlet: 1" male NPT

- **40-Gallon RO storage tank**  
**Part No. DEV3115-72**  
 Inlet/Outlet: 1" male NPT

**\*\*Fittings and Tubing NOT  
 included w/Tanks**

- **80-Gallon RO storage tank**  
**Part No. DEV3115-73**  
 Inlet/Outlet: 1 1/4" male NPT



# Drinking Water Systems

A glass of water is often the first impression in a dining experience.

## Everpure filters reduce:

- Chlorine Taste
- Off-tastes and odors
- Harmful cysts and other contaminants
- Particulates that result in cloudy water

## The benefits of Everpure filtration:

- Best quality drinking water
- Satisfied customers and increased profits

See individual filter specifications for performance claims.

0.5 GPM

0.5 GPM



### QL2-OW200L

- 1/2 micron precoat filter
- Rated for chlorine taste and odor, particulate reduction, asbestos and cyst reduction with lead and total trihalomethane reduction
- Includes self-contained scale inhibitor feed and 1/2 gpm flow control fitting
- QL2 head without built-in water shut-off valve

### OW200L System

**Capacity:** 480 gal.

**Dimensions:** 19" H x 4.25" W x 4" D

**Part No. EV9275-70**

### Replacement Cartridge

**Part No. EV9619-01**



### OW2-Plus

### OW4-Plus

- 1/2 micron precoat filter with Bacteriostatic
- Taste & Odor, chlorine reduction
- Lead and asbestos reduction
- Submicron particulate reduction
- Cyst reduction
- Scale Control

### OW2-Plus Cartridge

**Capacity:** 1,000 gal.

**Part No. EV9634-01**

### OW4-Plus Cartridge

**Capacity:** 2,000 gal.

**Part No. EV9635-01**

Note:  
Filter head and  
flow control required;  
sold separately

1 GPM

ACCESSORIES



### MicroGuard Pro 2

### MicroGuard Pro 4

- .15 micron multistage filter
- Microfilter membrane plus carbon block
- Taste & Odor, chlorine reduction
- Capillary membrane filtration reduces 99.9999% of bacteria, asbestos fibers, and cysts

### MicroGuard Pro 2 Cartridge

**Capacity:** 2,200 gal.

**Part No. EV9637-01**

### MicroGuard Pro 4 Cartridge

**Capacity:** 3,600 gal.

**Part No. EV9637-02**

Note:  
Filter head sold separately



### Faucet Kit

**Part No. EV9820-10**

### 1/2 GPM Flow Control

**Part No. EV3081-32**

### Filter Heads

\*Refer to page 27

# Filter Heads and Replacement Cartridges



## SEDIMENT PREFILTER CARTRIDGES (DROP-INS)



Size	Model	Micron	Used with Housing	Part No.
10" Slimline	EC110	10	E-10	EV9534-12
20" Slimline	EC210	10	E-20	EV9534-26
20" x 4" Big Bowl	DGD5005	50 & 5	Parallel 202	DEV9108-37
20" x 4" Big Bowl	DGD2501	25 & 1	Parallel 202	DEV9108-40

\*Product shown in order listed; Product size not to scale

## SOFTENING AND SCALE REDUCTION CARTRIDGES (DROP-INS)



Model	Technology	Used with Housing	Part No.
SO-10	Ion Exchange	A-10/11	DEV9105-41
SO-20	Ion Exchange	A-20	DEV9105-42
SO-204	Ion Exchange	SO-24	DEV9105-45
SS-IMF	Hydrolend Polyphosphate	IMF SR-X (w/ spacer)	EV9799-32
SS-10	Hydrolend Polyphosphate	SR-X	EV9799-02
HT-10	Hydrolend Polyphosphate	HTS-10/11	EV9799-22

\*Product shown in order listed; Product size not to scale

## MRS SYSTEM REPLACEMENT CARTRIDGES



Application	Model	Used with System	Part No.
Carbon Prefilter	4CB5	MRS-20	EV9617-11
	6TO-BW	MRS-100/100CC/COMBI	EV9607-41
	7TO-BW	MRS-100/100CC/COMBI	EV9627-04
RO Module	MR20	MRS-20	EV9273-69
	MR100	MRS-100/100CC	EV9627-11
	MR225	MRS-225/225CC/COMBI	EV9627-03
	MR350	MRS COMBI	EV9627-07
Calcite Feeder	7CC-BW	MRS-100CC/225CC	EV9627-05

\*Product shown in order listed; Product size not to scale

## CUNO, INC. SERIES 5000 AND 8000 SYSTEMS REPLACEMENT CARTRIDGES



\*Product shown in order listed

Model	Micron	Technology	Capacity	Performance & Features	Part No.
EFS5002-K	5	Carbon Block with Bacteriostat	4,000 gal.	Chlorine Reduction, Taste and Odor Reduction, Particulate Reduction, Scale Reduction, Microbial Control	EV9751-11
EFS8002	5	Carbon Block	10,000 gal.	Chlorine Reduction, Taste and Odor Reduction, Particulate Reduction	EV9781-10
EFS8002-S	5	Carbon Block with Scale Inhibitor	10,000 gal.	Chlorine Reduction, Taste and Odor Reduction, Particulate Reduction, Scale Reduction	EV9781-12

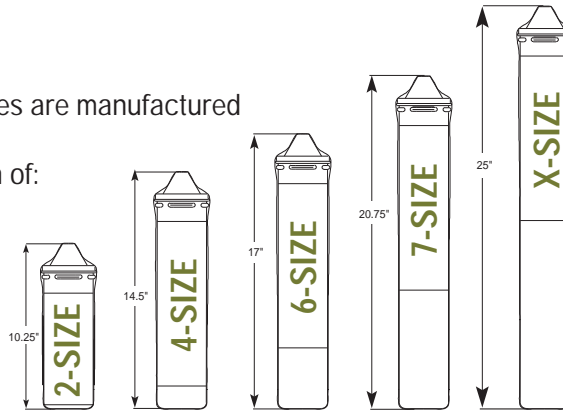


# Filter Heads and Replacement Cartridges

## What's your filter size?

Everpure® replacement filter cartridges are manufactured in 5 different height configurations. Each cartridge has a size designation of:

- 2-size = 10.25" high
- 4-size = 14.5" high
- 6-size = 17" high
- 7-size = 20.75" high
- X-size = 25" high



## For example,

- 2-size = OCS Cartridge
- 4-size = BH Cartridge
- 6-size = OW200L Cartridge
- 7-size = MC Cartridge
- X-size = XC Cartridge

## 1/2 MICRON PRECOAT CARTRIDGES FEATURING MICROPURE II:

Cartridge	Part No.	Size	Capacity*	Coffee	Combination	Drinking Water	Fountain	Ice	Steam
OCS <sup>2</sup>	EV9618-02	2	1,500	X					
OW2-Plus	EV9634-01	2	1,000			X			
BH <sup>2</sup>	EV9612-50	4	3,000	X					
OW4-Plus	EV9635-01	4	2,000			X			
OW200L	EV9619-01	6	480			X			
MC <sup>2</sup>	EV9612-56	7	9,000		X		X		
MH <sup>2</sup>	EV9613-21	7	9,000	X					
i2000 <sup>2</sup>	EV9612-22	7	9,000					X	
XC <sup>2</sup>	EV9613-10	X	12,000		X		X		
i4000 <sup>2</sup>	EV9612-32	X	12,000					X	
Triple MC <sup>2</sup> Kit	EV9970-42	7	27,000		X				
Quad MC <sup>2</sup> Kit	EV9628-28	7	36,000		X				
Quad XC <sup>2</sup> Kit	EV9628-29	X	48,000		X				



\*Rated Chemical Filtration Capacity. Mechanical (Sediment) Filtration Capacity is dependent on incoming water quality.

## 5 MICRON CARBON BLOCK:

Cartridge	Part No.	Size	Capacity*	Coffee	Combination	Drinking Water	Fountain	Ice	Steam
2CB5S	EV9617-22	2	3,000	X					
2CB5K	EV9617-06	2	3,000	X					
4CB5	EV9617-11	4	6,000				X		X
4CB5S	EV9617-21	4	6,000	X				X	
4CB5K	EV9617-36	4	6,000	X			X	X	
7CB5	EV9618-11	7	10,000		X		X		X
7CB5S	EV9618-21	7	10,000	X				X	
7CB5K	EV9617-76	7	10,000	X	X		X	X	



\*Rated Chemical Filtration Capacity. Mechanical (Sediment) Filtration Capacity is dependent on incoming water quality.

# Filter Heads and Replacement Cartridges



**QL1 Single Head**  
Part No. EV9256-18  
(3/8" NPT)

Part No. EV9256-17  
(3/8" JG Fittings)

Without Shut off. Includes mounting bracket.



**QL3B Single Head**  
Part No. EV9259-24  
(3/8" NPT)

With built-in shut off valve. Includes mounting bracket.



**QC7I Single Head**  
Part No. EV9272-41  
(3/8" NPT)

With built-in shut off, flushing valve and outlet pressure gauge. Includes mounting bracket.



**QC7I Twin Parallel Head**  
Part No. EV9272-22

Dual filter head parallel plumbed. With shut off, flushing valve and outlet pressure gauge.



**QC7I Triple Parallel Head**  
Part No. EV9272-23

Triple filter head parallel plumbed. With shut off, flushing valve and outlet pressure gauge.



**QC7I Quad Parallel Head**  
Part No. EV9336-11

Quad filter head parallel plumbed. With shut off, flushing valve and inlet/outlet pressure gauges.

## Twin Series Head Series Plumbed with Shut-off and Flushing Valve

Part No. EV9272-24

Required when the 7SO, 7TO, 7OF and 7NE cartridges are used. Use with an Everpure MC<sup>2</sup> fine filter cartridge.

Problem-Solving Cartridge	Head Position
7SO (softening)	2
7TO (taste & odor)	1
7OF (oxidizing)	1
7NE (neutralizing)	1



## SPECIAL PROBLEM SOLVING CARTRIDGES



Problem	Technology	Model	Cartridge Size	Capacity	Part No.
Extra Dirty Water	5 Micron Precoat	7CV	7	7,500 gal.	EV9625-01
Extra Dirty Water	5 Micron Precoat	XCV	X	10,000 gal.	EV9622-11
Extraordinary Taste & Odor High Turbidity	Granular Activated Carbon	7TO	7	30,000 gal.	EV9607-05
Extraordinary Taste & Odor High Turbidity	Dual Stage GAC	7DBG	7	-----	EV9607-00
High Mineral Content (low volume application)	Demineralizing	7DM	7	1,600 grains	EV9607-01
High Mineral Content (low volume application)	Ion Exchange Resin	7SO	7	2,000 grains	EV9607-04
Taste & Odor and Mineral Reduction	3-Stage	ESO	7	SEE CHART PG 9	EV9607-20
Acidic (low pH) Water	Buffering	7NE	7	-----	EV9607-02
Iron & Sulfur	Oxidizing	7OF	7	-----	EV9607-03
Chloramine	Granular Activated Carbon	CC1E	4" x 20" Drop-in	15,000 gal.	EV9105-02



# Everpure Costguard Product Line

Everpure's Costguard line of value priced filtration systems offer quality and economy. Designed for rigorous foodservice applications and environment, Everpure Costguard housings feature inlet and outlet shut-off valves, gauges and mounting bracket and hardware. Everpure Costguard filter cartridges are NSF certified for performance and are of standard size that fit most 10" and 20" slimline design systems.

## SYSTEM SELECTION GUIDE:



Select flow rate, capacity, application, and cartridge features required:

UP TO 2 GPM AND 6,000 GALLONS

**Application:**

**Coffee and Ice**  
Includes Scale Inhibition

**Fountain**



Chlorine, Taste & Odor Reduction

**CGT-10S**  
**Part No. DEV9108-13**

**CGT-10**  
**Part No. DEV9108-11**



Chlorine, Taste & Odor and  
Particulate Reduction

**CG5-10S**  
**Part No. DEV9108-17**

**CG5-10**  
**Part No. DEV9108-15**



Chlorine, Taste & Odor,  
Particulate and Cyst Reduction

**CG53-10S**  
**Part No. DEV9108-57**

**CG53-10**  
**Part No. DEV9108-53**

2-4 GPM AND 12,000 GALLONS

**Application:**

**Coffee and Ice**  
Includes Scale Inhibition

**Fountain**



Chlorine, Taste & Odor Reduction

**CGT-20S**  
**Part No. DEV9108-33**

**CGT-20**  
**Part No. DEV9108-32**



Chlorine, Taste & Odor and  
Particulate Reduction

**CG5-20S**  
**Part No. DEV9108-27**

**CG5-20**  
**Part No. DEV9108-25**



Chlorine, Taste & Odor,  
Particulate and Cyst Reduction

**CG53-20S**  
**Part No. DEV9108-67**

**CG53-20**  
**Part No. DEV9108-63**

# Everpure Costguard Product Line



Select appropriate housing:

## 10" HOUSINGS



**CGS-10 SINGLE**  
Part No. DEV9100-10  
Inlet/Outlet 3/8" FPT



**CGS-12 DUAL SERIES**  
Part No. DEV9100-12  
Inlet/Outlet 1/2" FPT

## 20" HOUSINGS



**CGS-20 SINGLE**  
Part No. DEV9100-20  
Inlet/Outlet 3/8" FPT



**CGS-22 DUAL SERIES**  
Part No. DEV9100-22  
Inlet/Outlet 1/2" FPT



**CGS-23 DUAL PARALLEL**  
Part No. DEV9100-23  
Inlet/Outlet 3/8" FPT



**CGS-55 SINGLE SERIES  
DUAL PARALLEL**  
Part No. DEV9100-50  
Inlet/Outlet 1/2" FPT.

## FILTRATION SYSTEMS FOR STEAMERS AND COMBI-OVEN APPLICATIONS

### UP TO 2 GPM



**SC10-11**  
Part No. EV9797-82

- Twin series header configuration
- CG5-10 10" five micron carbon block cartridge for particulate and chlorine reduction
- SS-10 ScaleStick® cartridge for scale control

### UP TO 4 GPM



**SC10-21**  
Part No. EV9797-83

- Twin series header configuration
- CG5-20 20" five micron carbon block cartridge for particulate and chlorine reduction
- SS-10 ScaleStick® cartridge for scale control

## REPLACEMENT CARTRIDGES

**CG5-10**  
Part No. DEV9108-15



**CG5-20**  
Part No. DEV9108-25



**SS-10**  
Part No. EV9799-02



# Everpure Costguard Product Line

Everpure Costguard replacement filter cartridges are of a standard width and length that will fit most sump style filtration systems. For your assistance some common makes and models are shown.

## COMPETITIVE CROSS REFERENCE GUIDE FOR 10" STANDARD HOUSINGS

MEDIA	Everpure®	Bunn®	Cornelius®	Cuno®	Aqua-Pure®	Ecolab®	Manitowoc®	NuCalgon	Puremark®	Selecto®	Shurflo®
Sediment	DEV9109-07		COR101	AP1003	AP1001				PFS101		
	DEV9109-08	ED-S-1 S5-10	COR105 COR120	CFS110	AP010 AP110	9320-1135	K-00069 K-00173	4712-87	PFS105	101-230	SF31-SEDS 15-052-00
	EV9534-12		COR150 CFS111	CFS124 AP111	AP124			PFS150	PFS120		15-055-00
Granular Carbon	DEV9108-11	C-10 ED-TL-1		CFS117	AP017				PFS17		SF31-T0 15-053-00
	DEV9108-13	CP10 ED-TL-1	COR10AS	CFS117S	APS117				PFS17S		SF31-T0S 15-054-00
Carbon Block	DEV9108-15		COR10B1 COR10B5			9320-1002		4711-87	PFS10B1 PFS10B5	101-200	15-056-10
	DEV9108-17		COR10B1s COR10B5s			9320-1010		4716-87	PFS10B1s PFS10B5s		15-056-10
	DEV9108-53		COR10B1p			9320-1044	9320-1028		PFS10B1p	101-210	15-028-12
	DEV9108-57		COR10B1sP			9320-1051	9320-1036		PFS10B1sp		
Softening	DEV9105-41	WS-10 ED-H-1				9320-1176					15-054-30
Scale Reduction	DEV9105-81	P12-10 ED-L-1	COR10sIMF	CFS420IMF	AP420	9320-1150		4715-87	PFS10sIMF	101-260	15-054-20

## COMPETITIVE CROSS REFERENCE GUIDE FOR 20" STANDARD HOUSINGS

MEDIA	Everpure®	Bunn®	Cornelius®	Cuno®	Aqua-Pure®	Ecolab®	Manitowoc®	NuCalgon	Puremark®	Shurflo®
Sediment	DEV9109-11		COR201			9320-1143			PFS201	
	DEV9109-12	ED-S-2	COR205 COR220	CFS110-C20 CFS8504-C20	AP110-2C				PFS205	15-052-03
	EV99534-26		COR250	CFS124-C20	AP111-2C AP124-2C				PFS220 PFS250	15-055-03
Granular Carbon	DEV9108-32	C-20 ED-T-2		CFS017-C20					PFS27	
	DEV9108-33	CP20 ED-TL-2	COR20AS	CFS017S-C20			K-00070	C-0070 4610-26	PFS27s	
Carbon Block	DEV9108-25		COR20B1 COR20B5			9320-1069			PFS20B1 PFS20B5	15-062-00
	DEV9108-27		COR20B1s COR20B5s			9320-1077	K-00174		PFS20B1s PFS20B5s	
	DEV9108-63		COR20B1p			9320-1101			PFS20B1p	
	DEV9108-67		COR20B1sP			9320-1119			PFS20B1sp	
Softening	DEV9105-42	WS-20 ED-H-2				9320-1184				

## COMPETITIVE CROSS REFERENCE GUIDE FOR BIG BOWL HOUSINGS

MEDIA	Everpure®	Bunn®	Cuno®	Aqua-Pure®	Selecto®	Shurflo®	Vulcan®
10"BB Sediment	DEV9108-44			AP810 AP811 AP814		15-052-01 15-054-01	
10"BB Carbon Block	DEV9108-03				101-290	15-040-00	854306-4
20"BB Sediment	DEV9108-40	S5-30		CFS211-2 CFS212-2 CFS214-2	AP811-2 AP814-2	15-052-02	
	DEV9108-41			CFS210-2	AP810-2	15-054-02	
20"BB Granular Carbon	DEV9108-42	C-30			101-300	15-053-02	
20"BB Carbon Block	DEV9108-43				101-298	15-041-00	854306-13
	DEV9108-45			CFS215-2	AP815-2		854306-13
20"BB Softening	DEV9105-45	WS-30 ED-HB-2	CFS5400C				

## SELECTO® CARTRIDGE KIT CROSS REFERENCE GUIDE

Selecto® Kit Part No.	Everpure Part No.	Selecto® Kit Part No.	Everpure Part No.	Selecto® Kit Part No.	Everpure Part No.	Selecto® Kit Part No.	Everpure Part No.
109-0010	1 ea. DEV9109-08 1 ea. DEV9108-03	109-0020	1 ea. DEV9109-08 1 ea. DEV9108-43	109-0040	1 ea. DEV9108-42 1 ea. DEV9108-43	109-0060	2 ea. DEV9108-43
109-0012	2 ea. DEV9108-03	109-0030	1 ea. DEV9109-08 1 ea. DEV9108-43 1 ea. DEV9105-81	109-0050	1 ea. DEV9108-42 2 ea. DEV9108-43		

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## Miscellaneous

### Stainless Steel Water Pressure Gauge

Part No. EV3114-09  
1/8" MNPT, 0-125 psi



### Filter Usage Monitor (FUM-1)

Part No. EV9075-50  
Programmable flow meter simultaneously monitors water volume usage, in-service calendar time and low pressure condition. 1/2" FNPT, battery operated (2-AAA, included)



### Surge Tank

Part No. EV9336-50  
Allows for 5-gallon reserve of filtered water

### Extra Capacity Surge Tank

Part No. EV9336-51  
Allows for 12-gallon reserve of filtered water; includes interconnection fittings and tubing



### Extended Capacity Storage Tank

Part No. EV3118-91  
Allows for 12-gallon reserve of filtered water; replaceable bladder; does not include fittings and tubing

## Reverse Osmosis Storage Tanks

### 3-Gallon RO storage tank

Part No. EV3102-75  
Inlet/Outlet: 1/4" male NPT

### 15-Gallon RO storage tank

Part No. DEV3115-69  
Inlet/Outlet: 1" male NPT

### 20-Gallon RO storage tank

Part No. DEV3115-70  
Inlet/Outlet: 1" male NPT

### 30-Gallon RO storage tank

Part No. DEV3115-71  
Inlet/Outlet: 1" male NPT

### 40-Gallon RO storage tank

Part No. DEV3115-72  
Inlet/Outlet: 1" male NPT

### 80-Gallon RO storage tank

Part No. DEV3115-73  
Inlet/Outlet: 1 1/4" male NPT



(Tanks do not include fittings and tubing.)

## Sanitizing

### High Flow System Sanitizing Kit

Part No. EV6500-21  
Unique kit for conveniently performing comprehensive system sanitization of prefilter housing, header manifold, SR-X Feeder and surge tank. Includes filter head plugs, fittings, tubing, sanitizer compound and instructions, along with a handy carrying case.

### Model JT Flushing/Sanitizing Cartridge

The JT cartridge is the preferred way to introduce ScaleKleen™ scale remover or other sanitizing agents, such as bleach, into water-using appliances through an existing Everpure filter head.



2JT Part No. EV9608-10

4JT Part No. EV9608-00

## Water Testing

### Everpure 8 Way Water Test Kit

Part No. EV6500-57  
Tests total and free chlorine, hardness, pH, alkalinity, nitrates/nitrites, and iron. Sold in packs of 25.



### Digital Pocket TDS Meter

Part No. EV6500-20

0-9990 ppm TDS; temperature reading (0-80°C); reading "hold" function. With soft case.

# Glossary of Terms

**Adsorption** - A process that causes contaminants to separate from the water molecules and bond to the filter media.

**Acidity** - A condition of water when the pH is below 7.0. Acidic water is characterized by a sour taste.

**Activated Carbon** - A granular material, usually made from wood or coconut shell, that is roasted at high temperature. Activated carbon is used as an adsorbent in water conditioning for reducing many types of chemicals such as chlorine, and for removing organic compounds from water.

**AgION** - An antimicrobial compound that inhibits the growth of bacteria. The active ingredient is silver, a natural antimicrobial metal ion.

**Alkalinity** - A condition of water when the pH is above 7.0. It is the capacity of a water to neutralize an acid. Alkaline water is characterized by a bitter taste.

**Bacteriostatic** - An environment where bacteria is unable to grow and reproduce. Silver is sometimes added to carbon filters to achieve this effect.

**Biofilm** - As bacteria grows and reproduces within a filter canister, it can over time create a slime film that adheres to the filter media. This film can clog the pores of the carbon, thus reducing its ability to filter.

**Buffer** - A solution that helps to maintain the pH in water.

**Calcium (Ca)** - Dissolved calcium compounds are a major factor in making water hard, and causing the formation of scale.

**Chloramine** - A combination of chlorine and a small amount of ammonia, chloramine is a disinfectant used by some water utilities. The addition of the ammonia helps to make the solution more stable and longer lasting. Chloramines can cause an adverse effect on the taste and odor of water.

**Chlorine** - A gas used by many water utilities for the disinfection of water and as an oxidizing agent for organic matter and some metals. It imparts a noticeable taste and odor to water, and may contribute to the formation of trihalomethanes (THM).

**Cryptosporidium** - see Cyst.

**Cyst** - A parasite that develops a hard protective shell when it leaves its host. This shell makes them strongly resilient, capable of surviving chlorine disinfection. When a cyst is ingested, it can cause intestinal illness, including diarrhea, abdominal pain, cramps and nausea. Cysts can be removed from water by fine filtration. Examples of cysts include Cryptosporidia and Giardia Lamblia.

**Giardia Lamblia** - see Cyst.

**GPM** - Gallons per Minute

**Grain** - A unit of weight equal to 1/7000th of a pound that is used to measure the hardness of water and the capacity of a water softener.

**Hard Water** - Water containing high levels of dissolved calcium, and lesser amounts of magnesium, typically found in limestone areas. It is often expressed as grains of hardness per gallon of water. Hard water produces scale when heated, which has been known to clog foodservice equipment such as coffee brewers, ice machines, and steamers.

**Ion Exchange** - Hard water has calcium and magnesium ions present, and ion exchange removes these from water by replacing them with non-hardness ions. Water softeners use an insoluble resin, which is saturated with sodium. As hard water comes in contact with this sodium-coated resin, the calcium and magnesium ions attach to the resin, and the sodium is released. The hardness is now removed from the water. The resin is flushed with a salt brine solution, and the sodium again attaches to the resin. The calcium and magnesium ions are released, and are flushed out with waste water.

**Lime Scale** - See Scale.

**Micron** - A unit of measurement equal to one millionth of a meter, 1/25,000 of an

inch. A high-grade filter can remove solids from water as small as .5 micron.

**MicroPure II** - A precoat filter with AgION antimicrobial compound that inhibits the growth of bacteria. As water passes through the filter, the carbon adsorbs chlorine, off-tastes and odors, and AgION works to inhibit any bacterial growth.

**NSF** - A not-for-profit organization that is the world leader in standards development, product certification, education, and risk-management for public health and safety. NSF develops national standards, focusing on food, water, indoor air, and the environment.

**NSF Standard 42** - NSF Standard 42 helps consumers compare the contaminant reduction performance and capacity of drinking water treatment systems relating to aesthetic effects such as chlorine, chloramine, Taste & odor, and particulates.

**NSF Standard 53** - NSF Standard 53 helps consumers compare the contaminant reduction performance and capacity of drinking water treatment systems relating to health effects such as cysts, turbidity, and lead.

**Particulate** - Solids suspended in water.

**pH** - Water has both dissolved alkaline and acid. When there is equal amounts of both, the water has a pH of 7 and is considered neutral. Water with a pH of less than 7 is considered acidic. Too much acidity can be corrosive on equipment, discolor water and create an off-taste.

**Point of Entry (POE)** - A device generally consisting of multiple carbon-filled vessels that supply filtered ingredient water to multiple water using appliances such as a coffee brewers, fountain dispensers, ice machines, warewashing equipment and steamers.

**Point of Use (POU)** - A device generally consisting of one or more carbon-filled vessels that supply filtered ingredient water to single water using appliances such as a coffee brewers, fountain dispensers, ice machines, warewashing equipment and steamers.

**Ppm** - Parts per million

**Prefilter** - A coarse filter that is used to capture sediment and particles of >5 microns. A prefilter is typically placed before fine filtration to extend the life of the fine filters.

**Resin** - An insoluble permanent medium used in water softeners as part of the ion exchange process. Resin is usually polymer beads.

**Reverse Osmosis** - A process for purifying water that uses pressure to force water through a semipermeable membrane. This leaves behind the dissolved minerals (see TDS), which are then carried out with waste water. Often, mechanical and/or chemical filters are installed before a reverse osmosis system to improve taste and odor of the water.

**Scale** - Water with high concentrations of calcium and magnesium, when heated, revert back to rock. This can cause a hard crust to form on foodservice equipment such as ice machines, coffee brewers, espresso machines and steamers. Over time it can reduce the efficiency and damage the equipment. Also called "limescale".

**Submicron Filter** - A fine membrane filter used to remove particulates of less than one micron in size.

**T & O** - Taste & Odor

**Total Dissolved Solids (TDS)** - A measure of the quantity of dissolved minerals in water. High levels of TDS usually requires a reverse osmosis system to reduce.

**Turbidity** - Fine, suspended solids can cause the water to become cloudy. The opaqueness of the water is called turbidity, and is measured by the amount of scattering and absorption of light (in nephelometric turbidity units, or NTU). Drinking water should be less than 0.5 NTU.

# Water Specifications

## COFFEE AND ESPRESSO

Water used to make coffee and espresso beverages must be potable under local requirements and EPA drinking water standards, and it is recommended meet attribute requirements in the following table:



Attribute	Specification
Turbidity	Must not exceed 0.5 Nephelometric Turbidity Units (NTU)
Taste/Odor	Free from off-tastes and odors
Total Chlorine	None
Iron	Not more than 0.25 ppm
Total Alkalinity	Not more than 100 ppm
Total Hardness	17 - 85 ppm
Total Dissolved Solids	70 - 200 ppm
pH	6.8 - 7.4

## FOUNTAIN AND DRINKING WATER

Water used to make fountain beverages and drinking water must be potable under local requirements and EPA drinking water standards, and it is recommended meet attribute requirements in the following table:



Attribute	Specification
Turbidity	Must not exceed 0.5 Nephelometric Turbidity Units (NTU)
Taste/Odor	Free from off-tastes and odors
Total Chlorine	Not more than 0.5 mg/l
Iron	Not more than 0.3 mg/l
Total Alkalinity	Not more than 150 mg/l
Total Hardness	Not more than 100 mg/l
Total Dissolved Solids	Not more than 500 mg/l
Sulfates	Not more than 250 mg/l
Chlorides	Not more than 250 mg/l
pH	6.5 - 8.5

## ICE

Water used to make ice should be potable under local requirements and EPA drinking water standards, and it is recommended meet attribute requirements in the following table:



Attribute	Specification
Turbidity	Must not exceed 0.5 Nephelometric Turbidity Units (NTU)
Taste/Odor	Free from off-tastes and odors
Total Chlorine	None
Iron	Not more than 0.25 ppm
Total Alkalinity	<150 ppm
Total Hardness	< 85 ppm
Total Dissolved Solids	70 - 200 ppm
pH	6.8 - 7.4

## STEAM AND WAREWASHING

Water used on inlet to steamers and warewashers should meet requirements as specified by equipment manufacturer or as listed in the following table:



Attribute	Specification
Turbidity	Must not exceed 0.5 Nephelometric Turbidity Units (NTU)
Total Chlorine or chloramine	< 0.2 ppm
Iron	< 0.1 ppm
Total Alkalinity	<150 ppm
Total Hardness	< 35 ppm
Total Dissolved Solids	< 100 ppm
pH	6.5 - 7.8



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