













# SHURFLO® FILTRATION OVERVIEW

## CARTRIDGES / FILTERS

MODEL	155014-43 P5	155002-43 C1	155155-43 CC10	255681-43 CFB-PB10	255800-43 UDS-10EX1	255679-43 CFBC-10	94-009-50	RV-210GH-A	RV-210GH- KDF-A	EV959206	255525-43 GS-10RO-G	255521-43 GS-10RO-B
TYPE	10"	10"	10"	10"	10"	10"	In-Line	In-Line	In-Line	10"	In-Line	In-Line
IMAGE												
MEDIA	Spun Polypro	Carbon Paper	Granular Activated Carbon (GAC)	Lead Sorbent Carbon Block	GAC & KDF® 55	Carbon Block	GAC & KDF® 55	GAC	GAC & KDF® 55	Everpure® Filtration System	GAC Quick Connect	GAC 1/4" NPT-F

## CONTAMINANT <sup>1</sup>

Sediment	●	●	●	●	●	●	●	●	●	●	●	●
Aluminum					●		●		●			
Asbestos										●		
Bacteriostat <sup>2,3,6,8</sup>					●		●		●	●		
Bad Taste, Chlorine, Odor		●	●	●	●	●	●	●	●	●	●	●
Cryptosporidium <sup>2,3,6,8</sup> Cysts <sup>2,3,6,8</sup> , Giardia <sup>2,3,6,8</sup>				●		●				●		
Heavy Metals <sup>4</sup>				●	●		●		●			
Hydrogen Sulfide <sup>5,6</sup> Iron <sup>5,6</sup>			●	●	●	●	●	●	●	●	●	●
Lead				●	●		●		●			
Pesticides, Radon, Toxaphene		●	●	●	●	●	●	●	●	●	●	●
THMs <sup>4</sup> , VOCs <sup>4</sup>		●	●	●	●	●	●	●	●	●	●	●
Viruses <sup>2,3,6,8</sup>										●		
MICRON RATING	5	5	20	0.5 <sup>9</sup>	5	0.5 <sup>9</sup>	5	5	5	0.5 <sup>9</sup>	5	5
FILTER LIFE AT RECOMMENDED FLOW RATE (GAL)	Replace as needed for good flow	2500 1 GPM @ 60 PSI	7500 1 GPM @ 60 PSI	5000 1 GPM @ 60 PSI	11000 1 GPM @ 60 PSI	20,000 1 GPM @ 60 PSI	3900 1 GPM @ 60 PSI	6000 1 GPM @ 60 PSI	11000 1 GPM @ 60 PSI	750 as needed for flow	3300 .5 GPM @ 60 PSI	3300 .5 GPM @ 60 PSI

**REPLACEMENT** Replace filters every 3-6 months, or after periods of inactivity or non-use. Consult SHURFLO.

**CAUTIONS** Do not use filters with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the unit. <sup>3</sup> All filters are for cold water use only. Do not freeze any filters or cartridges. 125 PSI Maximum Pressure on all filters and cartridges. SHURFLO reserves the right to update specifications, prices or make substitutions.

- NOTES**
- All filters have varying degrees of contaminant removal dependent on flow, micron ratings and influent water quality.
  - Superchlorination in combination with Ultrafiltration, nanofiltration and reverse osmosis are considered better options for removal of these contaminants.
  - SHURFLO recommends superchlorination to effectively kill bacteria and other micro-organisms.
  - For a complete list of Heavy Metals, THMs (Trihalomethanes) and VOCs (Volatile Organic Compounds) in your water, please consult your local water distributor.
  - Hydrogen Sulfide and Iron can be greatly reduced with the use of superchlorination and proper carbon filtration.
  - Superchlorination is a minimum of 6.7 ppm residual chlorine. For more information, please read "What Every RV & Boat Owner Should Know about Water," from Everpure and SHURFLO, and Everpure's Filtration System Installation and Operation Manual for QL2-WPS & QL3-WPS.
  - Please be sure to follow all installation, operation and maintenance instructions that are supplied with your filter.
  - Reduces cysts such as cryptosporidium and giardia by mechanical means. EPA Est. No. 086074-NH-001
  - Reduces particles as small as 0.5 micron in size by mechanical means.

## HOUSINGS

MODEL	RV-10UC-A	158195	158196
IMAGE	 <p>Complete 10" Filter housing with filter and fittings for use inside under the counter, as a whole-house filter, or outside as a city water or tank fill filter. Includes C1 Filter, Housing, Wrench, Bracket Kit, Fittings, Garden Hose.</p>	 <p>10" Housing with 1/2" Female Ports with Pressure Relief.</p>	 <p>10" Housing with 1/2" Female Ports.</p>

This chart is an overview of possible filter choices. For more information, contact SHURFLO directly.

# WHAT YOU NEED TO KNOW ABOUT YOUR RV POTABLE WATER SYSTEM

## by SHURFLO, THE AUTHORITY IN RV WATER DEMAND SYSTEMS

### Proper RV Water System Sanitation & Maintenance

Proper system maintenance is required to prevent sickness and disease with the use of your RV water system. It's important to remember that chlorine protection in your city water can dissipate in as little as 72 hours. If the system is already dirty and slimy, or has foul odors coming from it, you should clean and flush it. Be sure to remove any in-line filters and filter cartridges from their housings before performing any cleaning, flushing, disinfection and sanitizing. Filter housings should be removed and cleaned with a bleach solution when changing filter cartridges.

### Clean & Flush

Add 4 teaspoons of household detergent for every 10 gallons of tank water capacity. Fill the tank and slosh it around to coat all sides and the top of your tank. Run each fixture full force to drive the soapy water through the system and dislodge slime and debris. Fill the tank with clean water and repeat the process to rinse the system clean. You may have to remove and clean your faucets aerators if the flow has caused any debris to be lodged in the screens and reduced the faucet flow. Repeat the flush procedure as needed.

### System Disinfection

Next you want to disinfect your system with chlorine. This can be accomplished by introducing up to 200 ppm (parts per million) of chlorine into the system. Add 2/3 cup (6 ounces) of standard household bleach for every 10 gallons of tank capacity and fill the tank. Slosh the tank around to coat the top and all sides of the tank. Open each faucet separately and run water until the smell of bleach is evident. Don't forget the water heater. Let the system sit for an hour and open each faucet again. Run the water until the bleach smell is strong again. Repeat this procedure every hour until the smell is immediately noticeable. Let the system sit for another hour and drain the system. Fill the tank with clean water and flush.

### Periodic Sanitation

The plumbing system should be sanitized after sitting for periods of non-use, or any time the system is opened for maintenance or repair. The system should be sanitized yearly regardless of use. To sanitize the system, add 1/4 cup (2 ounces) of bleach per 10 gallons of tank capacity. Fill the tank and slosh it around to coat the top and all sides. Run each faucet until the smell of bleach is evident at every faucet. Don't forget to run water through the water heater. Let the system sit for 4 hours, drain and flush. Doubling the concentration reduces the wait time to one hour.

### Whole-House Filtration

If all of the water in your RV tank gets pumped through a canister-type filter using carbon or KDF, it is removing the chlorine that protects the water from micro-organisms. It is important to use anti-bacterial soaps and detergents with this type of system and this system should be flushed and sanitized before every use after sitting for any extended period of time.

### Point-Of-Use Filtration

If your system has a separate tap for drinking water, there is an in-line or housing-style filter under the sink so the water can stay chlorinated in the lines for added protection. This separate filter will remove chlorine and impurities right before the faucet and ice-maker, and is regarded as the best way to keep chlorinated water in your lines.

### City Water

When hooked up to chlorinated city water at a campground, your system is protected for up to 72 hours of sitting idle. Using all of the fixtures daily should be sufficient to keep chlorine levels up to safe levels.

### Well Water

If the campground uses well water of an unknown quality, it is best to use a sediment filter and a carbon filter, or a two stage sediment-carbon filter to fill the tank and then superchlorinating the water in the tank to protect against any problems associated with removing the chlorine with your carbon filter.

### Superchlorination

**This is just a highlight of superchlorination. For complete instructions see "What Every RV and Boat Owner Should Know About Water" and Everpure Filtration System Installation & Operation Instructions for QL2-WPS and QL3-WPS.** The surest way to guarantee safe water is accomplished by adding a teaspoon (1/6 ounce) of household bleach per 10 gallons of clean water in your tank. This will raise the chlorine level to 6.7 ppm of free chlorine. The chlorine and any other impurities can be filtered out at the filter before the faucet used for drinking or cooking water, and the ice-maker.

SHURFLO reserves the right to update specifications, or make substitutions.



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