



## *Quality Drinking Water for the Entire Home!*

**Safe Water Technologies' BetterLife Water Treatment System** is designed to spoil our customers by providing safer, clearer, softer, better-tasting, drinking quality water to every faucet in the home.



- Safeguards against bacteria, viruses, and microorganisms
- Coffee, tea, juice, soups, and steamed vegetables taste better
- Use less soap, shampoo, and laundry detergents
- Computerized controller, self adjusts for actual water usage and cost efficiency
- Flow rates up to 10 gallons per minute

**The patented ultraviolet design** and use of the finest water filtration materials provides water quality that previously was only available in store-bought water, or single-faucet drinking water systems.

**Computer metered BetterLife systems** eliminate the worry of bacteriological contamination as they provide a safety net for your home's water supply. **Now the water that you drink, cook with, shower in, brush your teeth with, and wash your clothes in, is both UV purified against microorganisms, and fully conditioned for clarity, taste, and hardness.** BetterLife removes hardness (calcium and magnesium) for energy and detergent cost savings. In addition to having peace of mind regarding water borne bacteria, viruses, and other microorganisms, you will also have cleaner, better looking glassware, clothes, and your hair and skin will look and feel their best.

**Eliminate scaling and minor rust staining** with the advanced resin formula. Scale and iron can ruin pipes, water heaters, bathroom, and sink fixtures. No more embarrassment or complaining about your water when friends and relatives visit.

**Save money** on bottled water, cleaning supplies, plumbing system maintenance, and groceries! Invest in a Safe Water Technologies' BetterLife Drinking Water System for yourself, your family, and your entire home.

How the systems work:

### BetterLife System 1

**Stage 1:** The water enters into a compacted bed of steam activated carbon. This removes or reduces sediment, unpleasant taste, odors, chlorine, pesticides, THM's, PCB's, and other common chemicals that have been found in water supplies and have been defined as carcinogenic by the EPA.

**Stage 2:** The water enters a #304 stainless steel disinfecting chamber which bombards bacteria, viruses, and other harmful microorganisms with high levels of germicidal ultraviolet light and renders them harmless. This process of purification works without chemicals and leaves no residual in the water. Ultraviolet irradiation is accepted by both the EPA and FDA as a safe, effective method of sterilization.

### BetterLife System 2

**Stage 1:** The water enters into a computerized, demand regeneration water treatment system that removes hardness, lead, iron, radium, and filters sediment.

**Stage 2:** The water enters an upgraded electropolished, #316L stainless steel disinfecting chamber which bombards bacteria, viruses, and harmful microorganisms with high levels of germicidal ultraviolet light and renders them harmless.

### BetterLife Ultima System 3

**Stage 1:** Combines both the carbon filtration of **BetterLife System 1** and the water conditioning ability of **BetterLife System 2**.

**Stage 2:** The water enters an electropolished, #316L stainless steel disinfecting chamber which bombards bacteria, viruses, and harmful microorganisms.

**Stage 3:** In addition, this system adds an advanced polymer, one-micron partical trap, capable of removing 99.98% of Cryptosporidium and Giardia Cysts from the water stream.

All Systems come with Chloristick™ Pipe Santizing System.

### SPECIFICATIONS

|   | BetterLife System 1 | BetterLife System 2 | BetterLife Ultima |
|---|---------------------|---------------------|-------------------|
| UV Dosage @ 5 gpm ( $\mu\text{w sec/cm}^2$ )*               | 60,000 †            | 60,000 †            | 60,000 †          |
| UV Dosage @ 10 gpm ( $\mu\text{w sec/cm}^2$ )*              | 30,000 †            | 30,000 †            | 30,000 †          |
| Hardness Capacity per Regeneration as $\text{CaCO}_3$ (ppm) | N/A                 | 564,000             | 564,000           |
| Total Chlorine Removal Capacity (gallons @ 1 ppm)**         | 1,000,000           | N/A                 | 750,000           |
| Lead Reduction  | No                  | Yes                 | Yes               |
| Maximum Service Flow Rate                                   | 10 gpm              | 10 gpm              | 10 gpm            |
| Average Sediment Filtration                                 | 20 micron           | N/A                 | 1 micron          |
| Regenerant Storage Capacity                                 | N/A                 | 250 lbs.            | 250 lbs.          |

\* Most common water borne bacteria are rendered harmless with a UV dosage greater than 10,000 mw sec/cm<sup>2</sup>.

\*\* Most municipal water supplies contain 0.5 to 1.5 ppm of free chlorine.

† End of 1 year operation.

**WARNING AND DISCLAIMER:** Ultraviolet treatment, chlorination, or any other form of contaminated water sanitation, is never 100% guaranteed for bacteriological free water, but are EPA approved methods of water sanitation which add greatly to the protection against waterborne pathogens. Proper ultraviolet sterilization is an instantaneous process which destroys 99.97% of pathogens and leaves no UV residual in the water. Periodic monitoring of the water supply and of the downstream piping system sanitation is recommended to help guard against downstream contamination or accidental contaminated water bypass. Ultraviolet sterilization and/or chlorine is **not recommended and should not be used** for cyst treatment.