BETTERLIFE™ SYSTEM 1

CARBON WITH UV STERILIZATION

Safe Water Technologies' patented BetterLife system is the flagship of the SWT product line. There is no other water treatment system available for the whole house that compares. A computerized controller meters the water flow for optimal cost savings. The chemical/taste reduction portion of the system utilizes ProActive™ GAC carbon as the primary layer. These carbon units are designed to remove chlorine, taste, odor, and many chemical contaminants from the water stream. The ultraviolet design adds bacteriological safeguards to your water supply.

BetterLife System 1 Includes:

- ProActive GAC carbon system
- 10 gpm stainless steel ultraviolet chamber
- 30,000 µw sec/cm² UV dosage (after 1 year of operation)
- Computer controlled and metered valve
- Manual bypass valve
- Chlorastick™ pipe sanitizing kit with chlorine test strips
- Corrosion-free system

BetterLife System 1 with UV Sterilization

Part Number	Tank Size Inches	Service Flow Rate			Backwash 40% Exp. @ 50°F	Standard Connection Size *
		Chlorine, Taste & Odor	VOC Reduction	Peak		
BL1L-100	10 x 47	5 gpm	2 gpm	10 gpm	4.1 gpm	3/4" Copper Swet
BL1L-175	12 x 48	10 gpm	4 gpm	10 gpm	4.8 gpm	3/4" Copper Swet

International voltages available at additional cost. (Includes electronic ballast upgrade.)

* 1 inch connections and threaded adapters are available. (See Residential Control Valve Adapter Kit price list for availability.)

Options and Upgrades

Part Number	Description
BLS-P	1 Micron Absolute Postfilter Assembly For Cryptosporidium and Giardia Cyst Removal
BLS-R	10 Micron Prefilter with 20 inch Clear Bypass Housing *(Highly Recommended For Rural Applications)*
BLS-E	Instant Start Electronic Ballast, 110 Volt/50-60 Hz
BLS-A	Controller Board with Lamp Status LED, Audible Alarm, and Solenoid Valve Hookup
BLS-S	Solenoid Valve Assembly — Requires Electronic Ballast and Controller Board Upgrades

Other media substitutions are available. Call for additional information.

WARNING AND DISCLAIMER: Ultraviolet treatment, chlorinating, or any other form of sanitation of contaminated water, are never 100% guaranteed for bacteriological-free water, but are EPA approved methods of water sanitation which add greatly to 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 accidentally contaminated water bypass. Ultraviolet sterilization and/or chlorine, is **not recommended and should not be used** for cyst treatment.

BETTERLIFE™ SYSTEM 1
CARBON WITH UV STERILIZATION

Replacement Parts

Part Number	Description
IL10001	Ultraviolet Lamp
CF73210	10 Micron Pleated Sediment Cartridge (2.5 x 20 inch Prefilter)
AH-PPBB201	1 Micron Absolute Pleated Cartridge for Cryptosporidium and Giardia Cysts (4.5 x 20 inch Postfilter)
APS-CSRA	Replacement Chlorastick™ Pipe Sanitizing Module
IT50003	ProActive™ Carbon (20 x 50 Mesh)
IL30001	Quartz Sleeve
UL-118RS	Red Silicone O-Ring for Quartz Sleeve
EC-LL68	Safety Spring

Chlorastick™ Pipe Sanitizing Kit (Included)

Contains:

• Lever Action, Brass Ball Valves

• Quick Release, Union Fittings with O-Ring Seals

• Disposable Chlorine Chamber

• Sch 80 PVC Replacement Pipe

Prefilter Assembly (Optional)

Contains:

• 20 inch Clear Housing with Built-in Bypass and 3/4 inch NPT

• 2.5 x 20 inch Pleated Cartridge with 10 Micron Filtration

• Spanner Wrench

• Wall Mount Bracket

Postfilter Assembly (Optional)

Contains:

• 20 inch Big Blue Sump with Pressure Relief and 3/4 inch NPT

• 4.5 x 20 inch Pleated Cartridge with 1 Micron Filtration for Giardia Cysts

• Spanner Wrench

• Wall Mount Bracket

Additional Specifications — BetterLife System 1

Shipping Dimensions (Inches):

BL1L-100: 17 x 13 x 58 @ 80 lb   **BL1L-175:** 17 x 13 x 59 @ 115 lb

Operating Pressure: 20 to 125 psi

Operating Temperature: 36 to 120°F (2 to 48.9°C)