



LIVING WATER III COUNTERTOP

flow rate
0.5 gpm
uv output
0 -16000 micro watt seconds per sq. cm

ADVANCED WATER
TREATMENT SYSTEMS

description

- Self contained point of use (POU) countertop water treatment system
- 5 micron physical pre-filter
- Activated carbon block filter (0.5 micron) with lead adsorbent media
- Ultraviolet light
- Ozone injected

applications

- Any potable, individual line, municipal, or well water source

the technology

Water from the household supply is diverted through the unit where it is treated and filtered. As water enters the first chamber, it passes through a 5 micron physical pre-filter that is designed to reduce the number of suspended particulate in the water being treated. This pre-treatment increases the effectiveness of the ultraviolet and carbon stages in the unit. The water is then exposed to biocidal ultraviolet light and ozone in chamber two. These two treatment processes (UV sterilization and oxidation) work together to greatly reduce the potentially negative effects of non-pathogenic bacteria on the quality of the drinking water.

Upon leaving the second chamber, the water enters the third chamber where it is forced through a specially-designed carbon block filter. Carbon filtration is universally recognized for its effectiveness in greatly reducing the concentration of organic constituents such as chlorine and its associated disinfection by-products. Testing conducted specifically on the Living Water carbon filter confirms that the filter element also effectively reduces lead and cyst concentration in drinking water.



specifications

LIVING WATER III	COUNTERTOP UNIT US40213	
maximum flow rate	0.5 gpm	2 liters/minute
dimensions	11L X 13H X 4 in. D	28x33x10 cm
operating pressure	15 psi min. / 100 psi max.	105 – 609 kPa
water temp	40 – 100 degrees F	5 – 38 C
pre-filter	5 micron physical	
filter	10" .5 micron activated carbon block with lead adsorbent media	
filter life	dependent upon water quality	
UV exposure intensity	exceeds published NSF	
UV lamp life	10,000 + on/off cycles (approximately 2 years)	
chemical additives	none (ozone created in unit)	
dry weight	8 lbs., (3.65 kg)	
warranty	1 year parts and labor*	
electrical requirements	20 watts**, 50 – 60 Hz, 110 or 230 volts	

*Length of warranty varies based on model. See your activTek Distributor for details.

The Living Water III Countertop Unit is a Class B system conforming to NSF/ANSI 55 for the supplemental bactericidal treatment of disinfected public drinking water or other drinking water which has been tested and deemed acceptable for human consumption by the state or local health agency having jurisdiction. The system is only designed to reduce normally occurring, non-pathogenic microorganisms. Class B systems are not intended for disinfection of contaminated water.

applications list

- Residential
- Municipal and well water supply
- Professional offices
- Light commercial (*with a requirement of 0.5 gpm or less*)
- Bars
- Delicatessens
- Service stations
- Soda fountains

installation details

Select a countertop location where the unit will not be in direct sunlight, but will still allow the diverter hose to reach the faucet. The unit will also have to be located within 5' of a 120v or 230v outlet.

A series of specialty filters, which can be inserted into the first chamber instead of the standard physical pre-filter, are available. These filters address specific water quality challenges and are used one at a time in the Living Water III unit. Specialty filters are available for the reduction of nitrate-N, tannins, hardness, sodium, and fluoride.

note

- The unit must be installed vertically (not horizontally).

warning

- Remove protective packaging from inside the top of the UV lamp chamber before operation.

important

- Do not plug your Living Water unit into an outlet that can be turned off with a switch, such as an outlet for a garbage disposal.
- Before using your new Living Water system, allow the water to flow through the system for at least five (5) minutes. Do not drink the water coming from the system during this initial startup.

Distributed By: