



# BIGboy<sup>TM</sup>

*Extra High Capacity De-Chlorinator and Sediment Filter*

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*Extra High Capacity De-Chlorinator and Sediment Filter*



USER MANUAL



**HydroLogic<sup>®</sup>**  
PURIFICATION SYSTEMS

*Friends Program*



WISHING WELL  
*...purely protecting Life*

## KDF85/Catalytic Carbon Filter

This Filter Reduces:

- ◆ Chlorine
- ◆ Iron
- ◆ Hydrogen Sulfide
- ◆ Manganese
- ◆ Heavy Metals

KDF85/Catalytic Carbon Filter is the most advanced media available to filter your dirty water. This special filter is made using a blend of KDF85/Catalytic Carbon. This premium filter reduces iron and chlorine to exceptionally low levels. The media of this filter is a superior grade of catalytic activated carbon and is acid washed, pH buffered, and rinsed with sanitized water. This unique process helps to ensure a neutral pH and minimize the possibility of metal contaminants re-introduced after filtration. The filter also contains specialized KDF85 media.

This specialized filter is designed to double the life of your standard carbon filter (see diagram below). KDF85 is great for people using city water with its ability to remove the majority of all chlorine. KDF85 is also ideal for people who use well or spring water sources because it can reduce many more contaminants than standard carbon filters can, such as iron, sulfur and heavy metals. Water contaminated with solutes such as iron and sulfur can foul reverse osmosis membranes quickly, leading to poor water quality and decreased yields and nutrient lock-out as a result. By utilizing this KDF filter, you are ensuring optimal performance of your reverse osmosis system or de-chlorinator.

## Chlorashield Filter

This Filter Removes 100% of:

- ◆ Chloramines
- ◆ Chlorine

Chloramines are used in some water systems to ensure bacteria and virus free water when taps are a considerable distance from the treatment facility. For shorter distances, chlorine is typically used to treat water, but since it dissipates quickly, chloramines are becoming more popular as municipalities continue to expand. While carbon filters are still the primary device to remove chloramines from water, more carbon and more contact time is required to sufficiently remove the compound to where it will not harm beneficial organisms that support a plant's root health. Chlorashield by HydroLogic is the world's premier chloramine filter, designed to remove both chlorine and chloramines, completely.

Description	HydroLogic #	Replacement Schedule
Green Coconut Carbon Filter	HL 22006	25,000 Gallons
KDF85/Catalytic Carbon Upgrade Filter	HL 22070	50,000 Gallons
Pleated Sediment Filter	HL 22010	Replace every 6-12 months
Chlorashield Upgrade Filter	HL 22018	24,000 Gallons



**IMPORTANT: USING NON-ORIGNAL FILTERS OR MEMBRANES WILL VOID WARRANTY**

## Instructions below are for a whole house (point of entry) filtration set-up:



**IF GARDEN HOSE HOOKUP IS PREFERRED THEN USE THE OPTIONAL GARDEN HOSE CONNECTION KIT ON PAGE 3.**

1. Shut off water to house or residence and relieve pressure from line.
2. Install filtration system at inlet water line (Typically between water main and water heater).
  - (a) Mount bracket to wall using appropriate hardware (make sure screws are secured to material capable of supporting the weight of the system).
  - (b) Secure preferred inlet (source) and outlet fittings.
3. Turn water on slowly until water comes out of the filter and check for leaks (remember to shut off water before attempting to repair leaks).
4. Filter will need to be flushed for approximately five (5) gallons of water before use. This is to remove any loose carbon dust. Also, water heater will need to be drained and re-filled before hot water will be noticeably improved.



**THE SEDIMENT PREFILTER SHOULD BE CLEANED REGULARLY AND CHANGED ANNUALLY. THE INLET PRESSURE GAUGE MEASURES HOUSE PRESSURE WHILE THE OUTLET GAUGE MEASURES FILTER SYSTEM'S PRESSURE. IF THE OUTLET GAUGE READING CLIMBS TO 30% ABOVE THE INLET GAUGE READING, THIS INDICATES THE FILTERS ARE STARTING TO GET CLOGGED AND NEED TO BE CHANGED. REPLACEMENTS ARE AVAILABLE FROM YOUR DEALER.**



**IMPORTANT: USING NON-ORIGINAL FILTERS OR MEMBRANES WILL VOID WARRANTY**

## Description:

This filter can be set up as either a whole house (point of entry) filter or a stand alone (point of use) filter. It has high flow rates of 7 gallons per minute and a very long filter life of 25,000 gallons (50,000 gallon filter life with upgraded KDF85/Catalytic Carbon Filter). The filter can effectively remove up to 99% of free chlorine and sediment (sand, silt, rust), objectionable tastes and odors, and volatile organic compounds. It will NOT significantly reduce Total Dissolved Solids (TDS) or lower the PPM of your water. The majority of the PPM of your water is made up of dissolved minerals which can only be removed with reverse osmosis (stealth-RO, Evolution-RO, micRO-75 or HydROid). Inquire about these at your dealer or directly from HydroLogic. You will, however, be producing large amounts of chlorine and sediment free water that has a clean taste and smell.

Many public water treatment facilities now use chloramines instead of chlorine. Chloramines retain their antimicrobial effectiveness beyond that of chlorine, which is important to public health should the treatment facility be a considerable distance from the tap. While low doses of chloramines are regarded as safe for humans, their effect on microbes that support root health is the same as chlorine. HydroLogic offers 100% chloramines removal with the Chlorashield filter (**HL 22018**), available as an option for the BIGboy.



**DO NOT RUN FILTER SYSTEM WHEN INLET PRESSURE IS OVER 80 PSI.**



**THE PRESSURE GAUGES HAVE SAFE ZONES THAT INDICATE SAFE AND OPTIMAL OPERATING PRESSURE.**



**BIGBOY FILTER HOUSINGS MUST BE REPLACED EVERY 3 YEARS**



## Warranty:

A One Year Warranty comes with each unit against manufacturer's defects. This does not include clogged filters due to lack of regular maintenance or excessive sediment and/or contaminants in water. This warranty also excludes damage to units caused by using the unit outside of the specified parameters. Do not operate unit if incoming pressure exceeds 80 psi or there is problem with water hammer spikes (install the optional pressure regulator on page 3). If unsure of water pressure, check using a gauge available at your dealer or hardware store.

*Please do not contact your dealer or distributor for warranty issues. Contact HydroLogic directly.*

## Tech Support / Contact:

If you have a particular application or setup question, you can call or

email HydroLogic: [info@hydrologicsystems.com](mailto:info@hydrologicsystems.com)

1-888-H2O-LOGIC (1-888-426-5644)

Visit us on the web at: [hydrologicsystems.com](http://hydrologicsystems.com)



## UPGRADE OPTIONS:

### High Capacity Flow Meter: HL 19021

- ◆ LCD readout in gallons for both accumulative and batch total
- ◆ Can be mounted in-line at the end of a hose or a pipe
- ◆ Important for monitoring accurate replacement filter changes



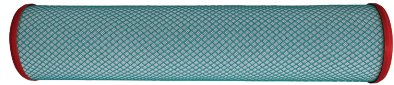
### Pressure Regulator: HL 10077

- ◆ Dials down excessive inlet pressure
- ◆ Adjustable from 20-80 PSI



### Chlorashield Chloramines Filter: HL 22018

- ◆ 100% chloramine removal
- ◆ 24,000 gallon capacity
- ◆ 1 micron rated, 4 GPM flow rate
- ◆ Made in the USA



### KDF Upgrade Filter: HL 22070

- ◆ Doubles filter life - 50,000 gallon capacity
- ◆ Reduces chloramines, chlorine, iron, sulfur and heavy metals
- ◆ Great for city or well water-bacteriostatic qualities do not allow microbes to breed in filter



### Big Boy Garden Hose Connection Kit: HL 26010

- ◆ Hook up your garden hose to both the inlet and outlet of the BIGboy
- ◆ Use the BIGboy as a stand alone filter for all your gardening needs





## UPGRADE OPTIONS:

### **Ultra-Violet Sterilizer Kit: HL 35005**

- ◆ *Kills harmful bacteria and viruses. Ensures the safest water*
- ◆ *Up to 8 gallons per minute flow rate*
- ◆ *Stainless steel housing - commercial grade 110v*
- ◆ *Replaceable UV lamp rated for 12 months continuous use*



### **High-Flow Float Valve: HL 27025**

- ◆ *Never flood your garden again!*
- ◆ *Heavy duty valve allows you to fill your tank or reservoir unattended*
- ◆ *Adjustable water level*
- ◆ *PVC & stainless steel materials*



### **Ultra-Violet Sterilizer Mounting Kit: HL 26015**

- ◆ *Mount the UV Sterilizer kit directly to the bracket of your BIGboy*
- ◆ *Allows for a compact, stand alone filter unit that is portable*

