

BIGboy™

Extra High Capacity De-Chlorinator and Sediment Filter



User Manual

Standard Version - 25,000 GPD

Upgraded KDF85 Version - 50,000 GPD



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 life of 25,000 gallons (50,000 gallon filter life with upgraded KDF85 carbon filter). The filter can effectively remove 99% of free chlorine, 95% of 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 or ion exchange technologies. Inquire about these at your dealer or directly from Hydro-Logic. You will, however, be producing large amounts of chlorine (and chloramines if you have the upgraded KDF version) and sediment free water that has a clean taste and smell.

Important Notes:

- a) Do not run filter system when inlet pressure is over 80 psi.
- b) The pressure gauges have colored sections that indicate safe and optimal operating pressure. The green zone is the optimal range for inlet pressure.



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

1. Shut off water to house or residence.
2. Relieve water pressure by opening a faucet. Prepare for any leakage from installation (tap) point.
3. Install filtration system at tap point. (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) Install an optional emergency shut off/filter change valve onto 'feed' side. This is available at hardware stores or from your dealer.
 - (c) Hook up filtration system after shut off valve (the side labeled 'Prefilter' goes first).
 - (d) Connect other side of filtration system to product side of tap point. This is the side that feeds the house with purified water.
4. 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).
5. Filters may need to be flushed for approximately five (5) gallons of water before use in order to remove any loose carbon dust. Also, water heater will need to be drained and re-filled before hot water will be noticeably improved.
6. Carbon filter has approximate life of 25,000 gallons at 7 GPM (gallons per minute) or 420 GPH (gallons per hour) (50,000 gallon filter life with upgraded KDF/85 carbon filter).

The sediment pre-filter 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.

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



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 Big Boy
- Use the Big Boy 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
- 8 gallons per minute flow rate
- Stainless steel housing - commercial grade
- UV lamp rated for 12 months continuous use - replaceable
- UV bulb draws 29 watts @110 volts.



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 Big Boy
- Allows for a compact, stand alone filter unit that is portable



Purchased a KDF85/ Catalytic Carbon Filter? Congratulations!

This Filter Reduces:

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

KDF85 is the most advanced media available to filter your dirty water. This special filter is made using a blend of KDF85* and Catalytic Granular Activated Carbon. This premium filter reduces chloramines 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 and chloramines. 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. Thank you for choosing Hydro-Logic Purification Systems for your water filtration needs.

*Kinetic degradation fluxion

	HYDRO-LOGIC PART NUMBER	REPLACEMENT SCHEDULE
KDF85/Catalytic Carbon upgrade filter - 10"x2.5" for Stealth-RO100/200 & Small Boy	22060	6,000 G = Small Boy 2,000 G = Stealth-RO
KDF85/Catalytic Carbon upgrade filter 20"x2.5" for Tall Boy & Tall Blue	22065	15,000 G = Tall Boy 6,000 G = Tall Blue
KDF85/Catalytic Carbon upgrade filter 20"x4.5" for Big Boy	22070	50,000 G
KDF85&55/Catalytic Carbon upgrade filter 10"x4.5"for Pre-Evolution	22096	7,500 G

pure water's not **magic**
it's **logic**



370 Encinal Street
Suite 150
Santa Cruz, CA
95060

P(888.426.5644)

F(831.336.9840)

info@hydrologicsystems.com

www.hydrologicsystems.com



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. If unsure of water pressure, check using a gauge available at your dealer or hardware store. Install the optional pressure regulator if inlet pressure is above 80 psi.

Please do not contact your dealer or distributor for warranty issues. Contact Hydro-Logic directly.

Tech Support / Contact:

If you have a particular application or setup question, you can call or email Hydro-Logic: ***Support@HydroLogicSystems.com***

1-888-H2O-LOGIC

(1-888-426-5644)

Visit us on the web at:

www.HydroLogicSystems.com

