



## **US Water Systems Big Blue Installation Guide Singles, Doubles and Triples**



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### Unpacking / Inspection

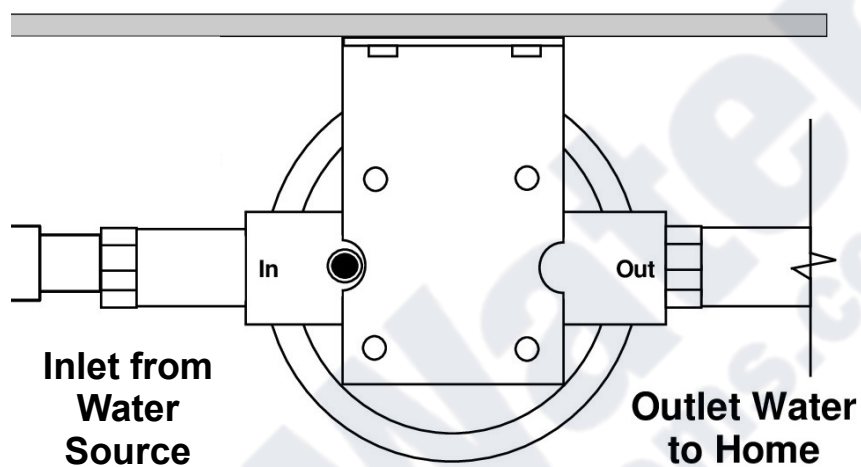
Be sure to check the entire system for any shipping damage or parts loss. Also note damage to the shipping cartons. Contact US Water Systems at 1-800-608-8792 to report any shipping damage within 24 hours of delivery. Claims made after 24 hours may not be honored.

Small parts, needed to install the system, are in a parts bags. To avoid loss of the small parts, keep them in the parts bag until you are ready to use them.

### Safety Guide

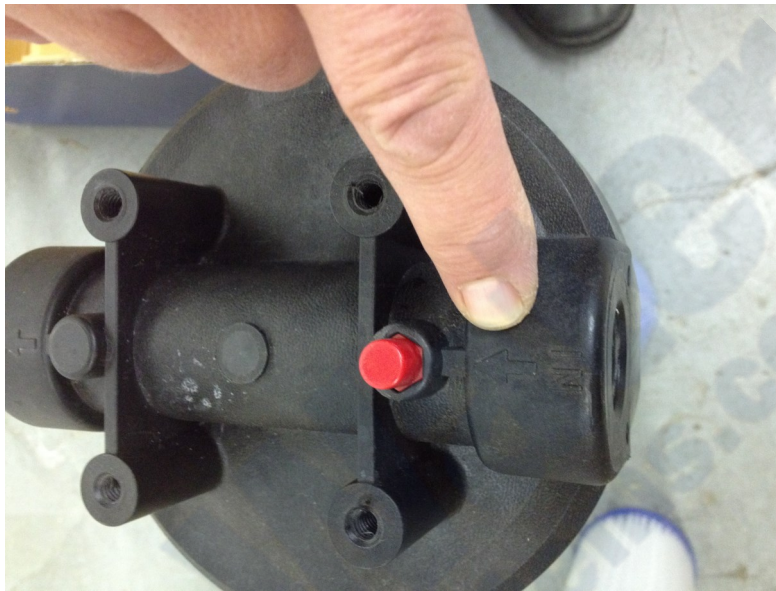
- Check and comply with your provincial / state and local codes. You must follow these guidelines.
- Use care when handling the water treatment system. Do not turn upside down, drop, drag or set on sharp protrusions.
- The carbon Superfilter system works on 12 volt-60 Hz electrical power only. Be sure to use only the included transformer.
- Transformer must be plugged into an indoor 120 volt, grounded outlet only.
- **WARNING:** This system is equipped with a UV light to remove biological contaminants. Although this treatment system is in place, US Water Systems recommends that bacteria levels be checked periodically to ensure the UV light system is operating properly. Coliform and E.coli most importantly.

## Installed System Overhead and View



## Big Blue Filter Installation Instructions

1. Install the Big Blue filter housing in the desired location in the water treatment system. The cap is marked “IN” and “OUT” on the top of the housing.



2. Mount the housing to the bracket using the supplied screws, orienting the housing to match the applications desired flow direction. Double and Triple housings are pre-assembled. However, if your applications flow direction is right to left, the bracket will need to be turned 180 degrees.



## Big Blue Filter Installation Instructions

3. Now mount the filter housing to the wall using the appropriate fasteners for your wall material. It is preferred that this is mounted on a secured board or wall stud as it will be heavy when full of water.



4. The inlet plumbing will be attached to the "IN" port on the filter housing. The outlet plumbing from the Big Blue filter will be attached to the home distribution system or additional treatment equipment from the "OUT" port.



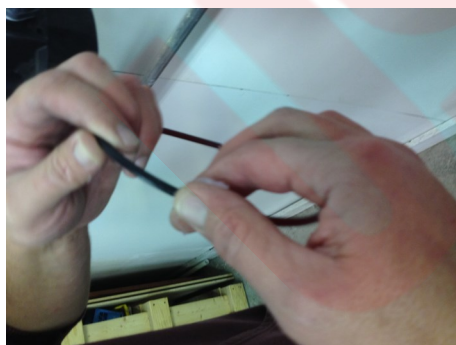


## Big Blue Filter Installation Instructions

1. Now install the filter(s) in the Big Blue housing(s) by removing the sump from the housing.
2. There is a notch in the bottom of the sump that will center the filter in the housing. Unwrap the filter and install it in the sump. If you are using a carbon filter or specialty filter, be sure the rubber washer seal(s) are in place when you install the filter cartridge.

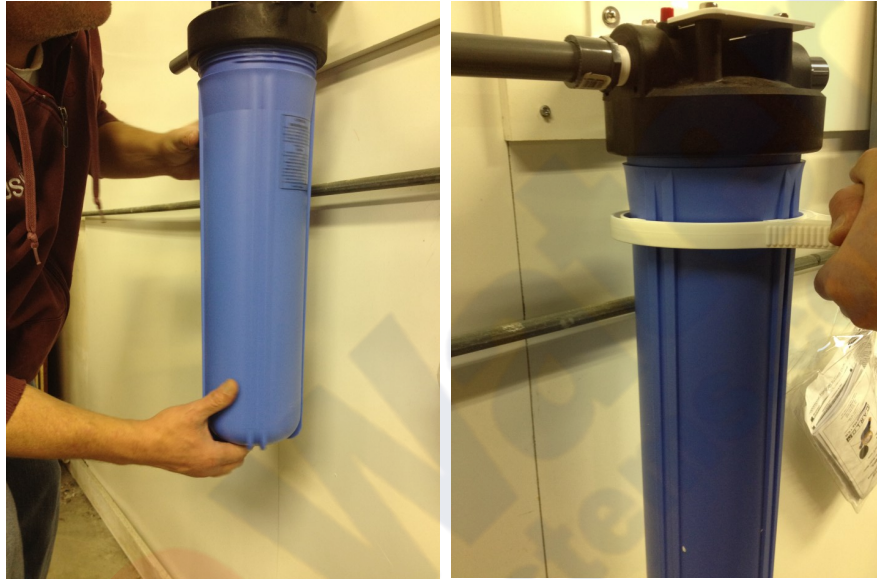


3. Coat the O-ring and threads on the sump with food grade silicone grease and install the O-ring in the filter sump. Applying lubrication to the sump threads will aid in removing the sump when the filter needs to be changed.



## Big Blue Filter Installation Instructions

4. Now install the sump in the filter cap and turn it clockwise to tighten the filter. Once it is hand tight, use the supplied wrench to tighten it an additional 1/4-1/2 turn. Repeat this step for each filter sump in the system.



5. Once the filter is installed the red button on the top of the filter can be used bleed the air out of the chamber when the water is turned on to the system.



## Big Blue Filter Replacement Instructions

1. Shutoff the water supply.
2. Open a faucet or spigot closest to the filter housing and allow all the water to empty from the plumbing system.
3. Push the red button on the top of the filter housing to release the remaining water pressure.



4. Use the supplied filter wrench to remove the sump by turning it counterclockwise.

**WARNING! If the pressure is not released, the filter sump will be very difficult to get loose. It is imperative that the water pressure is released prior to attempting to remove the filter sump.**

5. Remove the sump by spinning it counterclockwise until the sump is completely removed.





6. Remove the old filter and discard.



7. Install the new filter in the sump.

8. Lubricate the o-ring and sump threads with food grade silicone grease.



9. Install the filter sump in the filter cap by turning it clockwise until it is hand tight.



**NOTE:** The housing should spin tight fairly easily. If not, add more lubrication to the sump threads. This will aid with removing the sump when the filter needs to be replaced again.

10. Once the filter sump is hand tight, tighten it an additional 1/4-1/2 turn with the supplied filter wrench.



11. Turn on the water supply and open a spigot downstream of the Big Blue filter to release the air.
12. Once the air has been released, push the red button on top of the filter housing to release any additional air in the filter housing.



13. Check the housing for leaks and repair as necessary.