

ASSEMBLY & INSTALLATION INSTRUCTIONS



Basic plumbing skills are required for installation. If you are unsure of your abilities to install the system using these instructions, please hire a qualified plumber.

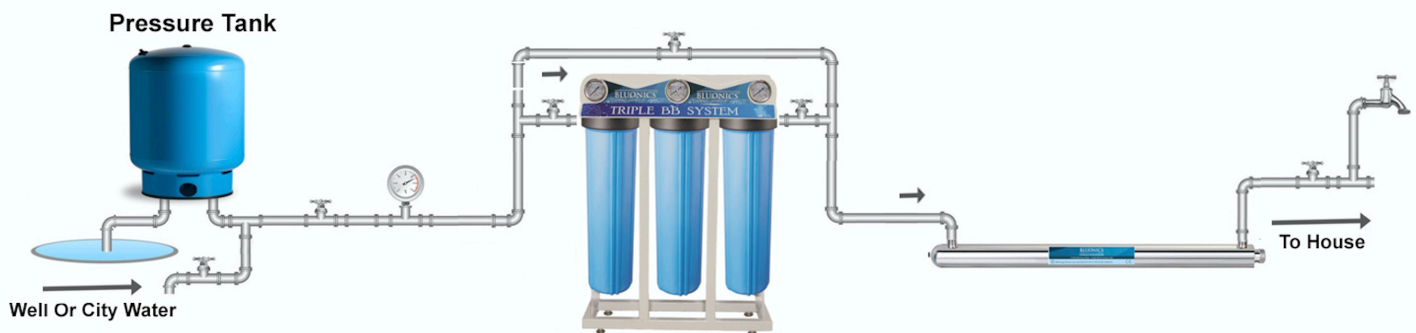
1. Shut off water supply to house
2. Locate the water line point of entry into the house
3. Determine installation location. Ensure plenty of room for access for later filter changes and locate in a position where it can be mounted if possible. This will provide extra support to the system
4. Remove the housings
5. If installing a 2 or 3 stage system, join the housing lids with hex nipple(s) (fitting with threads on both sides). Use 10-15 wraps of Teflon tape (you can never use too much Teflon tape) or other thread sealer and make sure to connect the fitting marked "IN" to the fitting marked "OUT". Repeat on any additional housings.
6. Once the housing lids are assembled, use the provided screws to attach the bracket to the housing lid(s) so that it matches your plumbing setup. (I.E. If your plumbing flows left to right, attach the lid(s) to the bracket so that the inlet is on the left side, if your plumbing flows right to left, attach the lid(s) so the inlet in on the right side.)
7. Cut out the required amount of pipe to install the filter system. Some people prefer to plumb in a bypass loop as well (see diagram), as this will allow you to isolate the system when changing filters. You can also use shut off valves before and after the system. Using the appropriate connections, connect to the inlet and outlet of the water filter to your plumbing. Make sure all connections are sealed against leaks.
8. Check the O-ring(s) in the top groove of the filter housing. Make sure there are no kinks or nicks. If everything looks good, lubricate the O-rings with a silicon-based lubricant (vegetable oil may be used as a substitute, **DO NOT use Vaseline**)
9. Filter order will depend upon the number and type of filters on the system. A general rule is that the 20 Micron String Wound Yarn sediment filter will go first, 5-micron carbon block filter will go second, and 1 Micron melt blown Sediment filter will go last.
10. Ensure all filters are unwrapped. Inspect filters for any cracks, breaks, or other shipping damage. If any damage is found, contact us to determine the appropriate course of action to take.
11. Next, place in the appropriate housing. If any filter has a single O-ring, it will face up. Make sure all housings are tightened down
12. Slowly open the main water line. Ensure there are no leaks anywhere on the system
13. If any leaks are discovered, shut the water off immediately and correct the problem.

FILTER REPLACEMENT

Filter replacement schedule will vary, depending on filters used, water usage, contaminate levels, and water chemistry. **Filters should be replaced every 6 months.** Most homes can expect regular filter replacement every 6 months. Reduced water flow or a change in water quality can indicate the need to replace filters. Some filters used for specific contaminants (chlorine, arsenic, fluoride, etc.) can be monitored by testing output water periodically and replacing filters when levels start to climb.

Bluonics Well Water System

* This picture depicts suggested Well Water System installation. It may require modifications based on your needs.



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