

INSTALLATION TIPS FOR YOUR NATURALSOF BB WATER SYSTEM

LOCAL LAWS

Check your local laws and ordinances in order to comply with any permits, certifications, and material requirements prior to installing your unit. Your plumber / installer should be able to assist you with this. If you are planning on self-installing, call your local government offices or utility prior to installation and make sure to fully comply with all requirements.

MATERIALS

It is a good idea to AVOID threading brass or other metal materials directly into the head. Your unit will come with 1" ports in and out and 1" to 3/4" PVC bushings to allow for the option to connect to 3/4" piping such as PEX. Most connection strategies will be a PVC nipple be inserted into the ports and then a connection made to your water main to the male threaded ends of the installed nipples. Whatever material is used, NEVER overtighten the connections. Make them snug and have a connection strategy that allows you to tighten as necessary if leaks are detected upon start up.

Use good quality Teflon thread tape and/or joint compound on your threaded connections. Using quality materials in this key area will help make a good seal and avoid having leaks at start up.

CLIMATE

If you live in an area that is subject to freezing temperatures, do NOT install a unit outside or in an area that may freeze seasonally. If installing inside of a garage in an area that has freezing temperatures, place the unit on an inside wall and/or make sure that the garage maintains a temperature above freezing at all times in extreme weather. Allowing a unit to freeze may cause the canister to rupture as water expands.

If freezing is not a concern and you are installing outside, protect the unit from constant direct sunlight by installing in a shaded area or covering with a utility box.

LOGISTICS

The Naturalsof BB should be installed on the main water line in your home prior to the cold/hot split. Be sure to note the inlet and outlet markings on the head of the BB and connect piping appropriately. Make sure to install the unit in an area that will be accessible for filter changes. Make sure the canister wrench can be easily slid over the outside and there is a good range of motion in order to be able to loosen the canister and change the filter. Install the unit with AT LEAST 12" of clearance from the bottom of the canister to the floor or other immovable objects to allow enough space to remove the filter safely for changing.

SHUT OFF VALVES

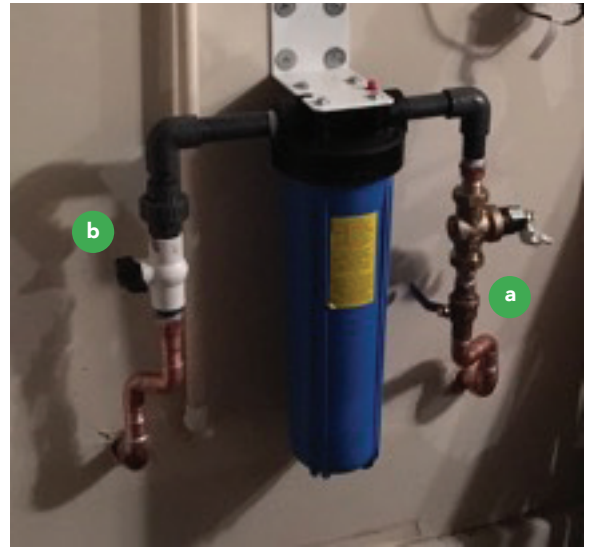
It is recommended that you install shut off valves before and after the unit. This will allow you to shut the main water off, release the pressure in the system with a nearby faucet or with the pressure relief valve on top of the unit (if so equipped), and then close the shut off valve on the outgoing side of the unit (between the filter and house). Doing this means that you will not have to drain the whole house down in order to change the filter and will also not have as much air in the home's pipes after filter changes.

GENERAL INSTRUCTIONS

CHANGING BB CANISTER FILTER

MATERIALS

- Canister Wrench
- Bucket
- Old Towel or Rags
- Paper Towels
- Plumber's Silicone
- New Filter!



INSTRUCTIONS

1. Turn off main water to whole house (a).
2. Open any cold faucet to drain the pressure fully from your home's water system.
3. If you have a shut-off valve installed on the out-flow side of your filter, shut this valve off too (b). This will prevent you from having to drain the whole house in order to change the filter.
4. Place your towel on the floor beneath the unit.
5. Place your bucket on top of the towel beneath the unit
6. Press the red pressure relief valve on top of the filter (if equipped) just to make sure all pressure is out.
7. Using your canister wrench, slide it up the outside of the canister and you are going to turn the canister in a counter-clockwise motion if you were looking at it from the bottom up. So picture yourself lying on the floor looking up at the bottom of the canister and choose the counter-clockwise direction to loosen your canister.
8. Once you loosen initially it will become quite easy to turn rather quickly – do not turn it too fast.
9. Be ready the canister is heavy (about 25 LBS) and filled with water and a carbon filter.
10. Once it is unscrewed all the way, slowly place it on the towel next to the bucket
11. Reach into the canister and lift out the filter placing it into the bucket. Note: The spent cartridge is much heavier than the new cartridge.
12. Pour the water from the canister into the bucket.
13. Make sure the bottom washer from the old filter came out too.
14. Inspect the canister and if possible use some paper towel to wipe out the inside as necessary – some areas have dirtier water than others.
15. Inspect the rubber seal around the top of the canister and make sure it is seated properly (c) It is a good idea to apply some Plumbers' silicone to the seal.
16. Insert the new filter into the canister, ensure the washers stay on the bottom and top end of the carbon filter.
17. Screw the canister into the head turning it clock-wise if you were looking at it from the bottom. It will turn easy until the washers make contact and the O-ring begins to seal.
18. Once it is snug / hand tight, then place your wrench over the canister
19. Tighten about 1/4 to 1/3 more of a turn with your wrench. You want the canister to have a firm seal, but you do not have to use excessive force when tightening. Firm, but not as tight as you can go!
20. SLOWLY turn your whole house water back on (a)
21. Hold down the red pressure relief button on top of the canister head (if equipped) while canister is filling with water. Air will discharge until canister is full then water will come out.
22. Wait 2-3 minutes and ensure you have a good seal. Wipe down the outside of the canister where any water has dripped and check to make sure there are no leaks – i.e. no water running down the sides of the canister or drips, etc.
23. Once you are sure your canister is leak free, SLOWLY turn on the water to your home from the out-flow shut-off valve (b)
24. Open all cold water faucets and let water run for 15 minutes.
25. Shut water off and perform one final inspection to make sure there are no leaks or drips, that you have a good seal all around.
26. Enjoy your wonderful treated and filtered whole house water!