

## 3-Stage (or 2-Stage) Whole House Water Purification System (3/4" or 1/2" Port)

### Pre-Installation:

- Water Purification System (WPS) connects directly to pipe with cold water supply.
- Water Purification System (WPS) should never be placed under direct sunlight.
- Water: min. temperature - 40 F, max temperature - 100 F.
- Never put Water Purification System (WPS) in place where temperature may fall before freezing point.
- 1-10 GPM flow rate, working pressure: 20-85 psi (blue housing), 20-80 psi (clear housing)
- Make a list of all plumbing fitting and tools you will need to complete installation. Also you might need some screws or bolts to mount WPS on the wall. Screws/bolts, nipples, pipe union are not included in package.
- Turn the water off while installing Water Purification System (WPS).
- Turn off electricity to your electric water heater during installation. After WPS is installed and pressurized, turn on a few hot and cold water faucets, and let them run until there is no more air in your pipes. Turn electricity back on your water heater.
- Use teflon tape on threaded fitting.
- Be sure to note inlet and outlet marking. The sediment filter (stage 1) is the first stage on the water filter (Important!)
- Follow all local plumbing and building code.

USE A LICENSED PLUMBER TO INSTALL THIS PRODUCT.

### Installation:

#### 1. Mark inlet and outlet sides of the WPS (filter).

If you want to wall mounted installation, and water flow is in opposite direction, do not flip filter over. The better way is just unscrew the metal bracket attached to the WPS, flip it and install back. Sediment filter is the first stage (Important!).

#### 2. Turn off the main line water shut off valve to the house.

3. Open couple of faucets in the house in order to drain the lines.

4. WPS should be placed on the main water supply line where it enters the house, at any point past the main shut off valve

for the whole house, but before pipes branch off into multiple directions. However you may choose to located WPS after the line branches to the inside and outside plumbing depending on your desire for filtered water.

#### 5. Measure, cut and remove a section of the main incoming water line near where WPS is to be installed.

When determining the length of the pipe to cut, account for filter width, shut off valves, union fitting, and by-pass valve. Allow the line to drain thoroughly. Smooth the newly cut ends down to avoid jagged points or edges. WPS should be located in a dry, level area and protected from freezing.

#### 6. Install shut off valve on either side of the WPS for future easy service.

#### 7. Tight up all 3 filter housings using wrench.

8. Securely mount WPS using mounting bracket and bolts (or screws). Ensure WPS is level. If you don't want to use wall mounted installation, you will need extra support for pipes where WPS is installed.

#### 9. Fit together pipe union and shut off valve. Use small amount of plumbing tape on threads (or not use at all).

**Excessive use of plumbing tape can cause crack on valve(s).**

#### 10. Simultaneously fit together shut off valve and WPS (IN side).

#### 11. Simultaneously fit together WPS and shut off valve on the OUT side. Fit pipe union to shut off valve on OUT side.

#### 12. Join pipe union and pipe. Check (tight up) all connections of installed WPS.

### Turning water back on.

Turn water on slowly. In the few minutes, the sound of water is entering the system will stop. After WPS is installed, it is necessary to flush the unit thoroughly. Do this at the nearest COLD water faucet. Do NOT use a hot water faucet to perform initial system flush. The water will be blackish in color for some time - this is normal carbon dust.

It's not unusual for the water to appear "cloudy" for a day - this is actual air bubbles being purged from carbon. This is normal and harmless.

### Water flow



## Leakage at red button (for model with Pressure Release red button)

In case of small leak at red button valve, use screw driver to tighten up the screw that holds red button. Turn screw 360 degree clockwise. Repeat if needed. Adjustment screw located inside the cap. Shut water supply, remove housing part, adjust pressure release screw. If screw is overtightened, red button will not work. If needed, slightly release/turn counterclockwise screw to make button work.  
**Tip.** You can left only one button working to release pressure.



Parts required (not included):

- shut off valve (optional)
- hex nipples or pipe nipples
- pipe union
- pipe hangers (if WPS installed without using wall mounted bracket)
- pressure gauge

## Filter Change Instruction.

We recommend to change filters every 3-6 months. You can find our replacement filter sets on Amazon

1. Turn off the water supply to the WPS from IN side first. Open nearby faucet to lower water pressure (wait for couple of minutes). Than shut off water supply from OUT side of WPS (to prevent water spill).
2. Unscrew the housing from the cap using the filter wrench.
3. Removes and discard old filter cartridges.
4. Scrub housing and cap with warm water using sponge. Rinse all parts with water.
5. Inspect all housing (inside and outside) for any signs of damage.
6. Lubricate O-ring with clean silicon grease if needed. Do not use Petroleum Jelly.
7. Make sure O-ring is seated level.
8. Remove filter packaging and insert new filter cartridges into the housing in order as written on filter housing.
9. Fit the bottom of the housing into the cap and hand tighten. Then use filter wrench to fit snug.
10. Close any open faucets. Turn the water supply on slowly. Open valves from IN and OUT side. Inspect carefully for leaks. If you found a leak you will need to shut water off again, remove the housing, and check if the O-ring seated properly.
11. Flush WPS by turning few cold-water faucets for couple of minutes. New activated carbon filter cartridges may contain loose carbon and air bubbles. *Tip. We recommend to check WPS for any signs of leak next 12 hours after filter replacement.*

## ONE YEAR LIMITED WARRANTY

What your warranty covers:

Our water purification systems are warranted to the original owner to be free of defects in material and workmanship from the date of manufacture for one year as follows:

- Manufacturer will, within one year of purchase, replace the defected parts (excluding filters) at no charge.
- The replaceable filters are not warranted since the service life of replaceable filter varies with local water conditions and thus not warranted.

Conditions of Warranty:

- System must be maintained and serviced with the manufacturer original replacement parts and filters. The performance of your drinking water system is directly related to the conditions of the water been treated and the particular application in which it is used. Therefore, manufacturer's liability is limited to the cost of repair of the WPS.
- The manufacturer is not liable for incidental or consequential damages of any kind. Systems must be installed and operated in accordance with manufacture's recommended procedures and guidelines.

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