



# ***Young Living Whole House Water Filtration System***

Instructions for Installation and Operation



## **IMPORTANT: Please Read All Instructions Before Use.**

Thank you for purchasing the Young Living Whole House Water Filtration System! Young Living Essential Oils is pleased to offer you this safe and effective water filtration system that will help you feel good about the water you drink. By following the included installation and care instructions, your Young Living Water Filtration System will provide you with years of healthy, great-tasting water.

The YL Filtration System has been designed for easy installation by a qualified plumber or experienced homeowner and contains a special dual-gradient density particulate filter and a separate activated carbon filter. The dual-gradient density filter is made of 100 percent polypropylene. It contains a coarse 50-micron outer filter with a 5-micron internal filter. This yields up to 10 times the sediment-holding capacity of a comparable 5-micron single density filter. The carbon filter is a special activated carbon with an extremely high surface area. It also contains an internal 0.5-micron post filter to capture very small particles as well as *Cryptosporidium* and *Giardia* bacterial cysts. The carbon filter will deliver an estimated 140,000 gallons of purified water that is essentially free of chlorine, volatile organic compounds, and other organic compounds that can foul the water. This filtration system delivers purified water with a superior taste!

Please note that the filter will not reduce or eliminate hard water deposits or remove dissolved minerals such as iron, magnesium, or sulfur.

Two filter systems connected parallel to one another must be used for high flow applications where the flow rate exceeds 8 gallons per minute.

### **Parts Included (See page 4.)**

This system is shipped in two boxes. The system includes the following components:

1. Installation instructions.
2. Copper 1" manifold with 3 ball valves, 2 pressure gauges, and di-electric unions. The manifold has 1" NPT female threads for connection to the water source and outlet.
3. Dual-filter housing with integrated mounting bracket and screws. (One sediment filter and one carbon filter are included inside this housing.)
4. Filter housing wrench for removing filter housings.

### **Locating Filter System Installation Site**

This system should be located at the point where the water source enters the house, such as in the basement or garage. It should be installed to treat all of the water used inside the home. Please note the following recommendations:

- Locate a convenient and protected site where the water enters the house. Be sure this place allows easy access to the filters for maintenance. The filter housing must be mounted horizontally.
- Protect the filter system from freezing, as this could result in damage.
- If possible, install the system so that water flowing to outside taps will not pass through the system. This is especially important if you water your plants and yard on a regular basis from outside taps. The filters will become prematurely exhausted if an excessive amount of water goes to the outside taps.
- Install the 1" copper manifold that has been included. This manifold will save you a great deal of time and money because it is complete. Minor modifications to the external connecting ends of the manifold may be made to adapt to your installation site.
- If using the Young Living UV Water Sanitizer System, install the sanitizer after the filtration system.

## Instructions for Installation

1. Locate a suitable installation site following the recommendations outlined in the section above. Temporarily connect the filter housing to the manifold. Place the filter system against the mounting surface and mark the top of the white mounting bracket or the screw hole locations with a pencil. A minimum of 5" of bottom clearance from the blue housings must be maintained to allow a later change of filters. Remove the filter housing.

**Note:** *If your water pressure can exceed 90 psi at any time, a pressure regulator must be installed prior to installing the filter.*

2. Turn off the water source and drain the water line at the installation site.
3. If a copper pipe is used, cut the supply line to the appropriate length and install a copper union (not supplied) on both sides of the included copper manifold. Use 1" close nipples to connect the manifold to the unions, or remove the soldered 1" NPT female threads with a torch and solder them to the unions with short sections of 1" copper pipe. If your supply tubing is smaller than 1", use the bushings in the copper unions to adapt.

**Note:** *Take care when soldering to the 1" copper manifold that is included. Do not solder while the filter housing is connected. Do not solder near any of the included valves or pressure gauges.*

4. If using another type of supply pipe such as galvanized or plastic, use the appropriate fittings to adapt to the manifold. Unions should be used for easy installation but are optional.
5. Note the flow direction on the white bracket of the filter housing. The "inlet" will appear and should be connected to the water supply side. The "outlet" should be connected to the water line leading to the rest of the home.

6. Connect the included 1" copper manifold to the piping.

**Note:** *The mounting screws inserted into the holes on the white metal bracket must support the filter system. Do not attempt to support the filter system with piping alone.*

7. Mount the filter housing to the mounting surface using the screws that have been supplied.

**Note:** *The sediment filter should be closest to the water supply side. The carbon filter should be closest to the water leading to the rest of the home.*

8. Connect the filter housing to the manifold. The housing connects to the manifold by screwing the mating nuts tightly to the di-electric union. Be sure to use the gaskets that have been supplied. Tighten it by hand and then tighten it about ½ turn with a wrench.

9. Close all of the valves on the copper manifold. The valves are closed when the handle is perpendicular to the valve.

10. Re-pressurize the water supply leading to the filter. Check for leaks. Allow the water to sit in the filter for a few minutes to stabilize.

11. Slowly open the included bypass ball valve on the manifold (middle valve above filter housing) until it is fully open.

12. Open a faucet inside the house (preferably a bathtub faucet), and let the water run for about one minute. Shut off the faucet. This flushes the line of any particles or contaminants left over from the installation.

13. Close the bypass valve.

14. Use the included filter housing wrench and check to make sure all blue filter housings are hand-tightened. **Do not** use excessive force. The housings tighten in a clockwise direction. Save this wrench for future filter replacements.

15. Slowly open the inlet and outlet ball valves on the manifold until they are completely open. Check for leaks. A small amount of water may drip from the blue filter housing for a moment until the internal o-rings seal.

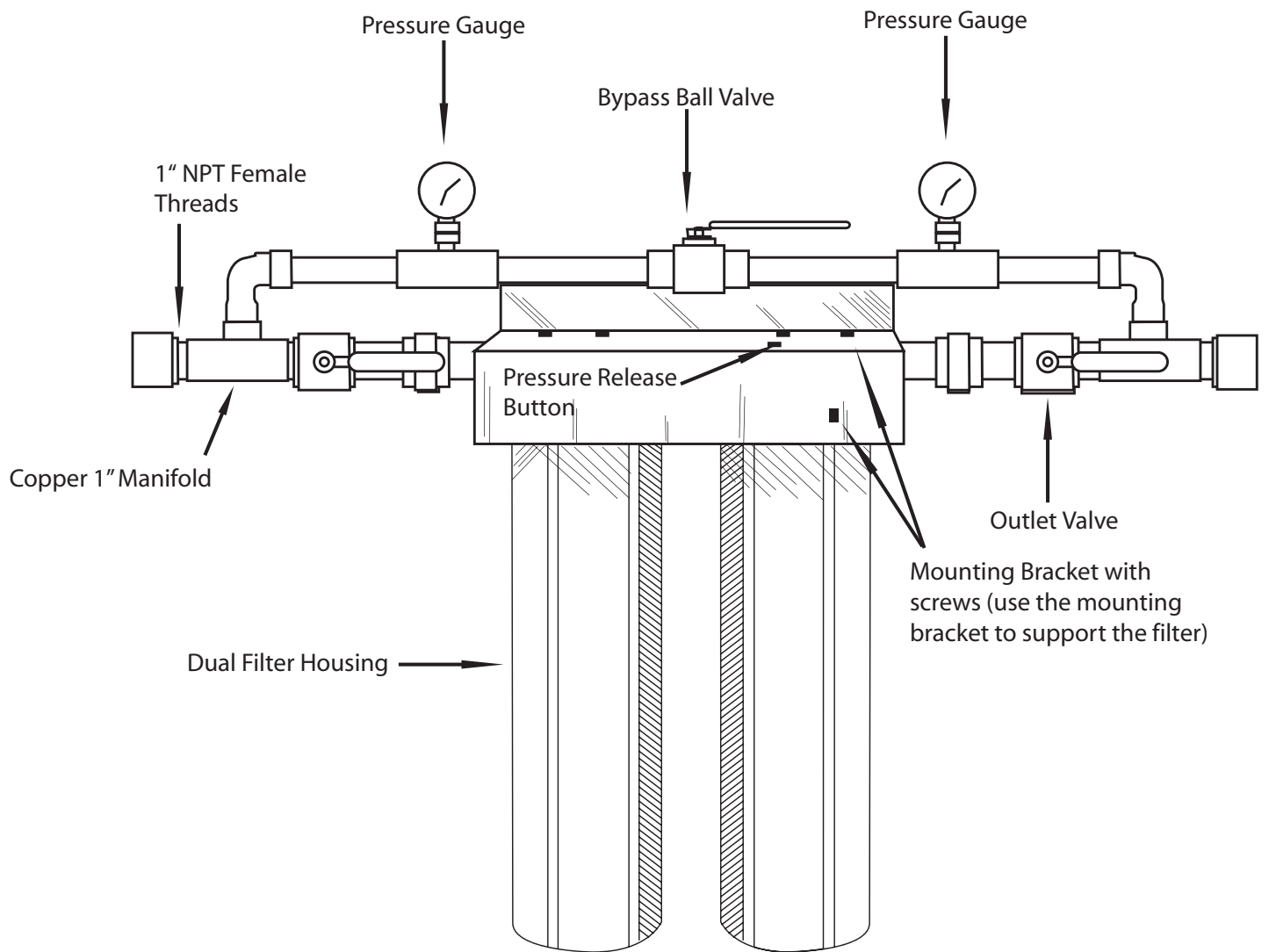
16. Turn on a faucet inside the house. Let the water run for about three minutes.

## Care and Use Instructions

Follow the simple instructions printed below for easy maintenance and years of trouble-free water filtration.

After about 140,000 gallons of water have been consumed, the internal filters must be replaced. This is equivalent to approximately one year for a normal household. If the pressure drop from the filtration system becomes excessive before this time, the sediment filter is probably clogged. This happens primarily with non-municipal water sources, such as well or river water. After a year, both filters must be replaced at the same time. This is true even if the filters have not clogged. The carbon absorption in the carbon filter has become exhausted and the fine filtration capability of the sediment filter will be reduced. Therefore, replacement of both filters is necessary. Use only new filters supplied by Young Living Essential Oils.

1. Turn on a faucet inside the house.
2. Turn off the inlet and outlet ball valves located on the supplied manifold. Turn off the inlet valve first, then wait 15 seconds to turn off the outlet valve.
3. Press and hold the red pressure relief button for 5 seconds or until no water or air exits from around the red button. The pressure relief button is located on the top and to the right of the white filter housing bracket.
4. Using the plastic filter housing wrench, carefully loosen and remove both of the blue filter housings. Slide the wrench under the blue housing and raise the wrench upward until it stops. A counter-clockwise motion will unscrew the housings. The housings are heavy because they are full of water. Be careful not to drop them.
5. Remove the old filters and pour out all of the water in the housings. Wash the insides of the blue housings with warm soapy water and rinse. Make sure that the 1½" diameter rubber gasket on the bottom of the old carbon filter is removed along with the filter.
6. Remove the o-ring at the top of each of the blue filter housings. Clean with a soft cloth and lightly lubricate with a petroleum jelly such as Vaseline®. Carefully lay the o-ring into the groove on top of each blue filter housing.
7. Insert a new sediment filter into the sediment housing and a new carbon filter into the carbon housing. When inserting the carbon filter, make sure the rubber gaskets are in place on the top and bottom of the filter before installing.
8. Re-mount the filter housings in their original locations.  
**Note:** *The blue filter housings must be installed in their original locations on the filter system. The sediment housing is adjacent to the inlet, and the carbon housing is adjacent to the outlet of the filter system. Failure to correctly mount the housing will greatly diminish the life of the filter system.*
9. Use the included wrench to hand-tighten the blue housings into place.
10. Turn on the inlet and the outlet ball valves on the included copper manifold. Allow the faucet located inside the house to run for about three to five minutes to flush the system. Turn off the faucet.
11. Make a note of the filter replacement date.



**Dimensions:**

Height: 36"

Width: 60"

Depth: 9"

