Inspect Shipment

Packing List

The parts required to assemble and install the water filtration system are included with the unit. Thoroughly check the water filtration system for possible shipping damage and parts loss. Also inspect and note any damage to the shipping carton.

Remove and discard (or recycle) all packing materials. To avoid loss of small parts, we suggest you keep the small parts in the parts bag until you are ready to use them.

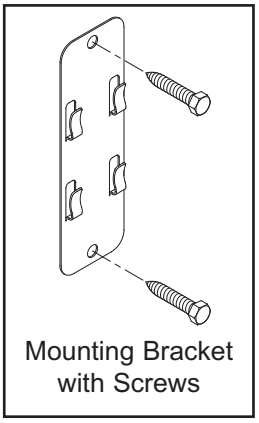


FIG. 2

Before You Start

Your safety and the safety of others are very important.

We have provided many safety messages in this manual and on your appliance. Always read and obey all safety messages.

This is the safety alert symbol.
This symbol alerts you to potential hazards that can kill or hurt you and others.
All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING"
These words mean:

⚠DANGER — **You can be killed or seriously injured if you don't <u>immediately</u> follow instructions.**

⚠WARNING — **You can be killed or seriously injured if you don't follow instructions.**

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

- Read all instructions before installing and using your No Mess Whole Home Water Filtration System. Follow all steps exactly to correctly install. Reading this manual will also help you to get all the benefits from the filtration system.
- All plumbing must be completed in accordance with national, state and local plumbing codes. Local code information can be obtained at your local public works department. In Massachusetts, plumbing code 248 CMR 3.00 and 10.00 shall be adhered to. Consult with your licensed plumber.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- The No Mess Whole Home Water Filtration System works on water pressures of 30 psi (minimum) to 100 psi (maximum). If your house water pressure is over the maximum, install a pressure reducing valve in the water supply pipe to the filtration system.
- To condition all water in the home, install the filtration system close to the water supply inlet, and before all other plumbing connections, except outside water pipes.
- Do not install the filtration system outside, or in extreme hot or cold temperatures. Temperature of the water supply to the filtration system must be between 40°F and 100°F. Do not install on hot water.
- Avoid installing in direct sunlight . Excessive sun heat may cause distortion or other damage to non-metallic parts.

Planning the Installation

INSTALLATION LOCATION

To filter all household water, install the No Mess Whole Home Water Filtration System on the household's main incoming water pipe. For a home with municipal water supply, install the filter between the home's incoming water supply and the water softener, if a water softener is being used (See Figure 3A). If the home has well water, reverse the order of the filter and the water softener (See Figure 3B).

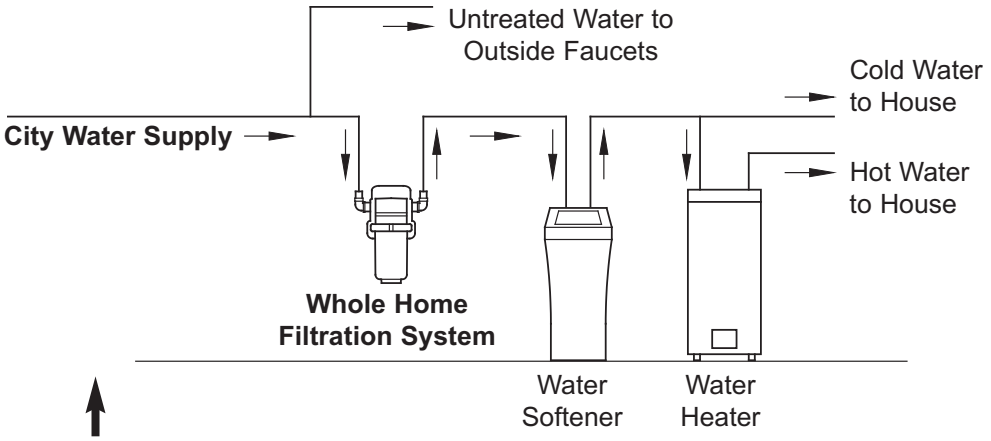


FIG. 3A

OR

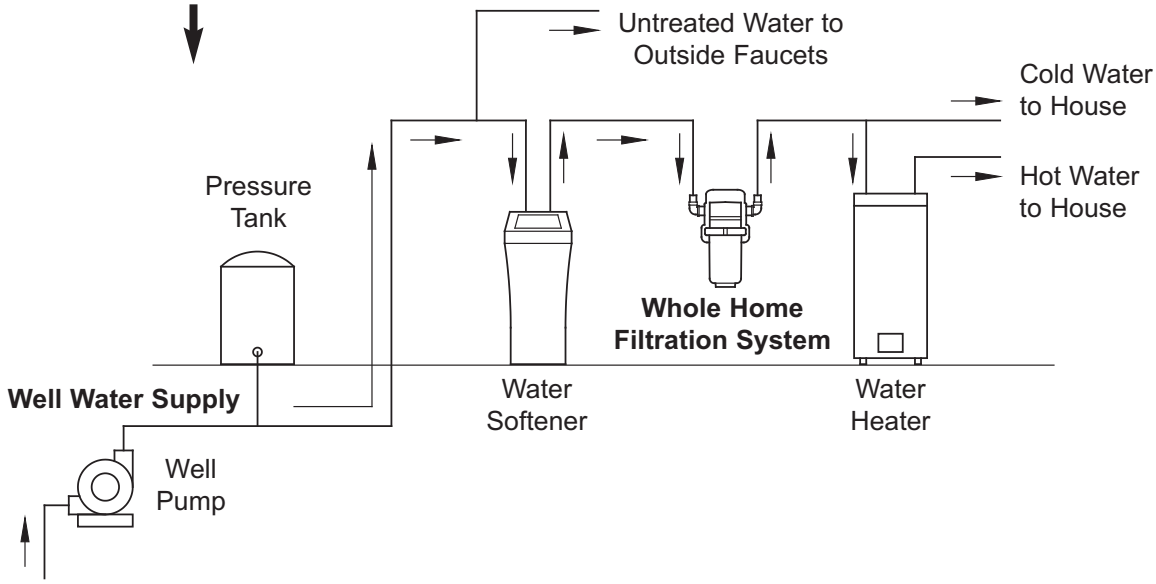


FIG. 3B

⚠ WARNING



Electrical Shock Hazard

Prior to installation on metallic plumbing, securely install two grounding clamps and a #4 copper wire per installation instructions.

Failure to follow these instructions can result in death or electrical shock.

In some cases it may be necessary for plumbing to cross over to ensure the correct flow direction through the filter (See Figure 4).

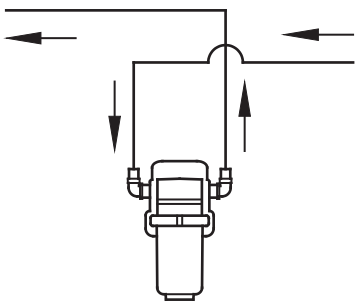
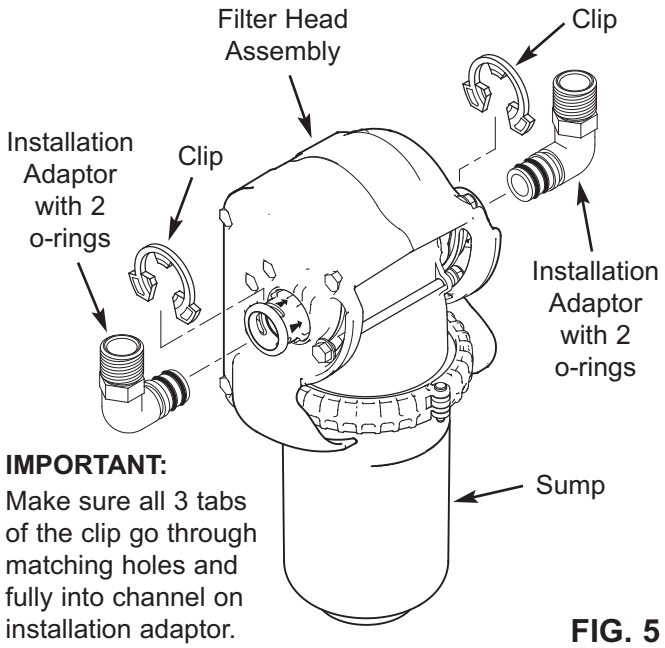


FIG. 4

Typical Installation Illustrations



IMPORTANT:
Make sure all 3 tabs of the clip go through matching holes and fully into channel on installation adaptor.

FIG. 5

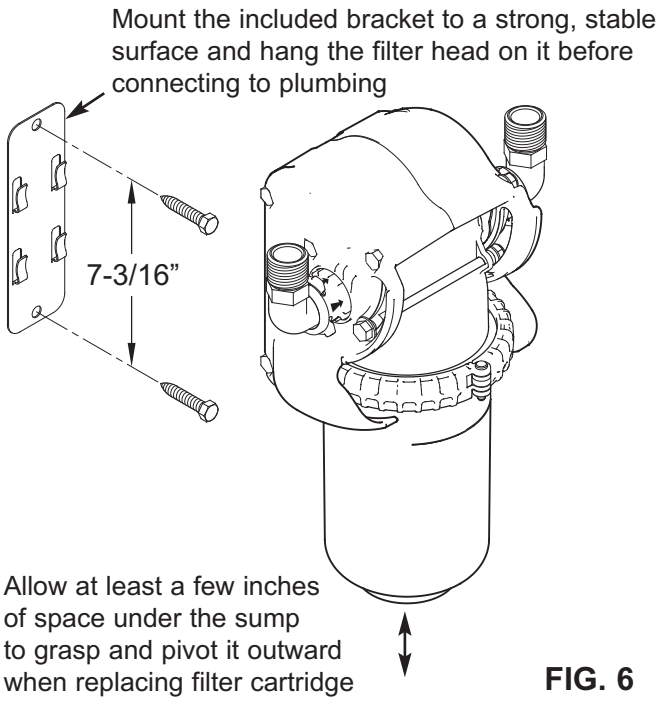


FIG. 6

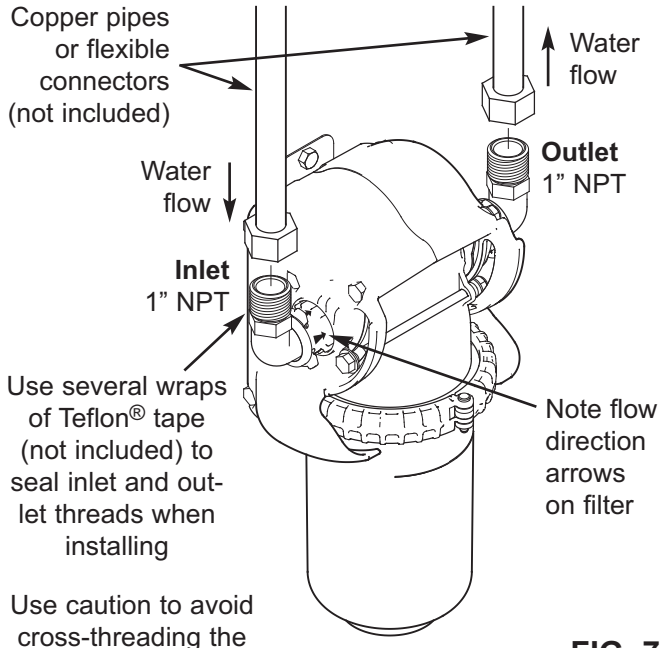


FIG. 7

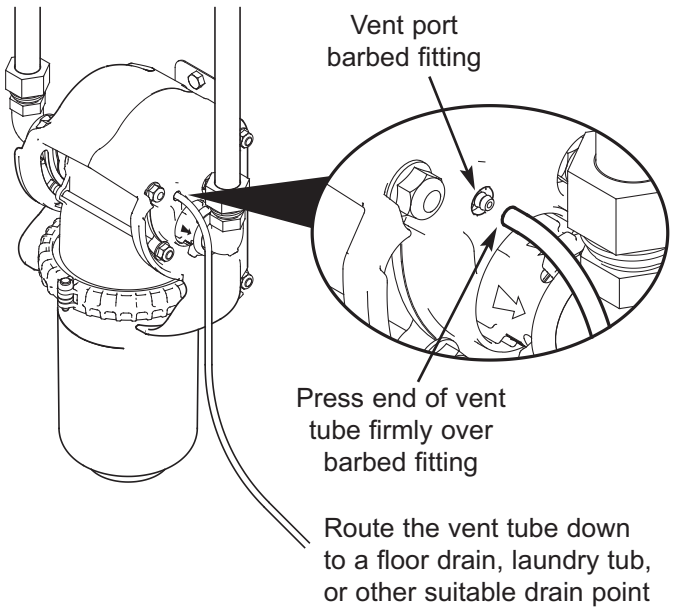


FIG. 8

IMPORTANT: Do not solder metal plumbing while attached to plastic installation adaptors. Soldering heat will damage the adaptors.

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Questions? Call Toll Free 1-800-693-1138 or visit **www.ecopure.com**

When you call, please be prepared to provide the model number and date code, found inside the rating decal.

Installation Instructions

PLUMBING CODES

All plumbing must be completed in accordance with national, state and local plumbing codes. Local code information can be obtained at your local public works department.

ALWAYS INSTALL THE FILTER UPRIGHT

To operate properly, the No Mess Whole Home Water Filtration System must be installed in a vertical orientation. The filtration system must also be installed with the water flow following the arrows on the filter's inlet and outlet. This corresponds to a left-to-right flow, when looking at the front of the filter head assembly (See Fig. 7). Leave a few inches of space under the filter sump to allow it to be grasped, pivoted up and removed when changing filter cartridges, as shown in the "Filter Cartridge Replacement" section.

MOUNTING BRACKET

A metal bracket is included with the No Mess Whole Home Water Filtration System to support the assembled filter and plumbing when necessary. The bracket should be installed before the filter is connected to the plumbing.

The bracket may be mounted to a wall or wall framing member with two screws (included), as shown in Figure 6. These screws, or other (not included) fasteners, if used, must be mounted into a stable surface, strong enough to support the weight of the filter, plumbed and full of water - about 15 pounds.

The back of the filter head housing clips onto the bracket. When mounted, the filter should be aligned with the inlet and outlet plumbing, and not cause rigid pipes to distort.

CONNECT THE VENT TUBE

Each time you replace a filter cartridge, the filter will be placed into the bypass position by pivoting it outward (shown in the "Filter Cartridge Replacement" section). Whenever this is done, water pressure inside the sump is relieved, and about 4 ounces of water will be expelled through the vent port. Always install the included vent tube on this barbed fitting to carry the water to a floor drain, laundry tub or other suitable drain point. See Figure 8.

NOTE: This vent tube works by gravity. Do not elevate it above the vent port. Route it downward to the drain point with no humps, dips or loops.

In the state of Massachusetts: The Commonwealth of Massachusetts plumbing code 248-CMR shall be adhered to. A licensed plumber shall be used for this installation.

⚠ WARNING



Electrical Shock Hazard

Prior to installation on metallic plumbing, securely install two grounding clamps and a #4 copper wire per installation instructions.

Failure to follow these instructions can result in death or electrical shock.

GROUNDING INFORMATION (for Installations on Metal Pipe)

The house main incoming water pipe is often used to ground electrical outlets in the home. Grounding protects you from electrical shock. Installing the water filtration system may break this ground. Before beginning installation, purchase and securely install two grounding clamps and a #4 copper wire across the location where the filter will be, tightly clamping it at both ends, as shown below.

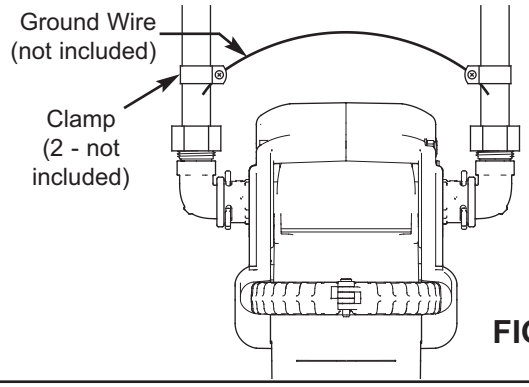


FIG. 9

Properly discard (or recycle) all packing materials.