

WHOLE HOUSE WATER FILTER

OWNER'S MANUAL



Next >

IF YOU NEED HELP OR HAVE A QUESTION, WE'VE GOT YOU COVERED.
GIVE US A CALL AT 1-866-523-4099. PLEASE DO NOT RETURN TO THE STORE.



Water Filtering by WaterBoss®

Congratulations on your new purchase. Get cleaner water from every tap in your home with WaterBoss® dependable whole house filter system that removes up to 96.9% of chlorine, taste, and odor.



6 Years

The recommended replacement frequency for the WB-WH-FILTER is every 6 years or 600,000 gallons of use.

WHOLE HOUSE WATER FILTER

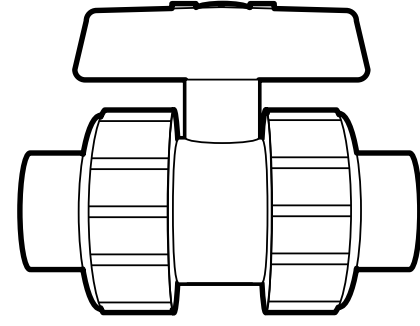
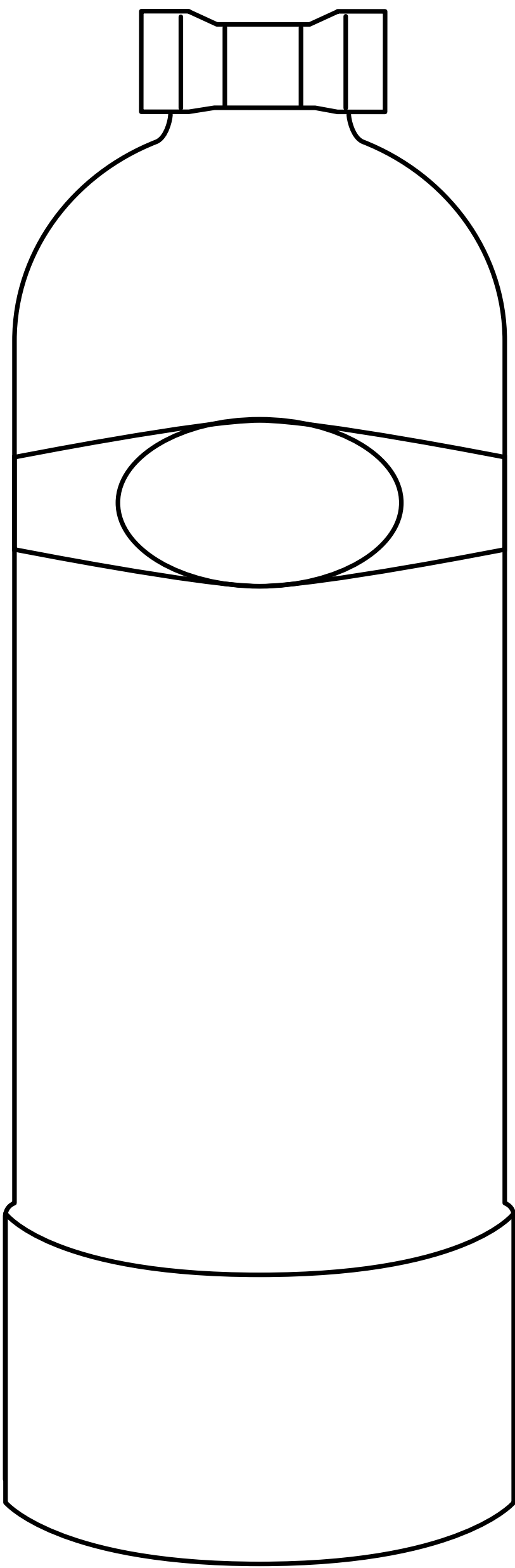
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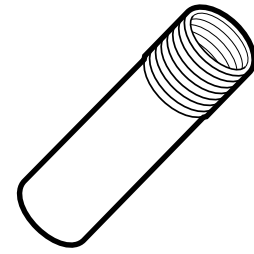


Scan to view the WB-WH-FILTER installation video.

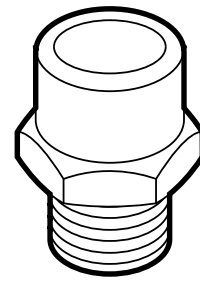
WATER FILTER TANK



3/4" SHUT-OFF VALVE



3/4" X 3" THREADED NIPPLE

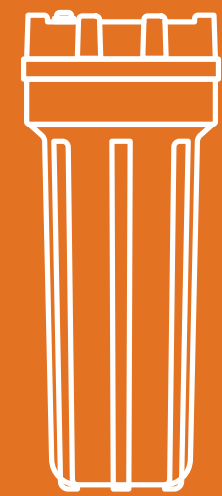


HOSE ADAPTER

Please read entire manual to ensure all parts listed are present before installation. If any part is missing or damaged let us know by calling 1-866-523-4099. Do not attempt to install the system.

Tools & parts recommended for installation:

- NSF certified PVC primer & glue
- Channel locks
- PVC pipe cutter
- Drill
- Wrench
- Crimping tool
- NSF certified Plumber's tape
- Copper wire & grounding clamps (if copper pipes are present)
- Garden hose
- 2 Universal slip unions

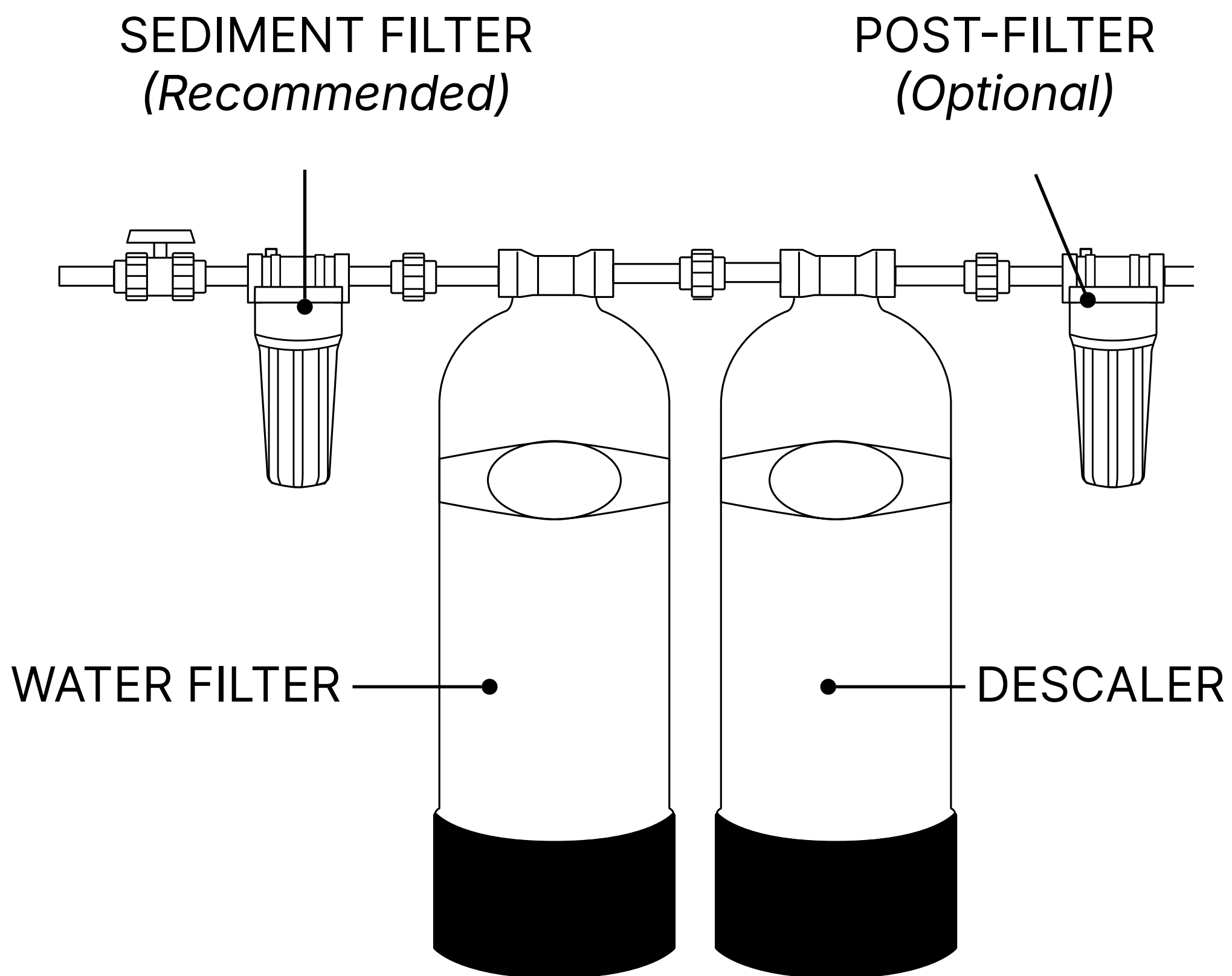


A sediment filter is recommended for the Whole House filter.

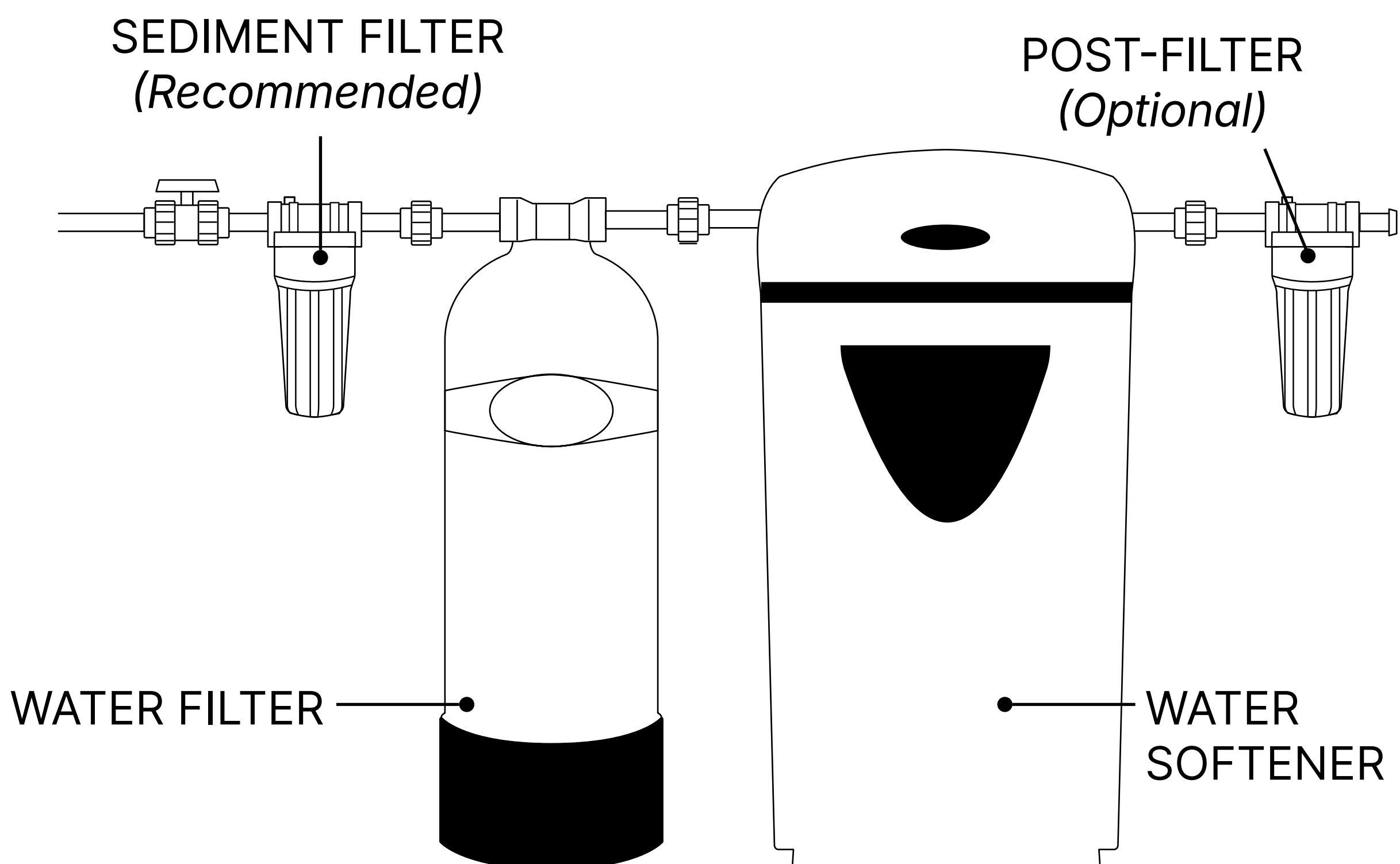
Note: We recommend using a professional if pipe cutting is required.

If you have added components to your Whole House Water Filter, note the correct sequencing below.

WITH A WHOLE HOUSE DESCALER



WITH A WHOLE HOUSE SOFTENER



Due to the varieties of home design, not all installation configurations can be addressed in this guide.

CARE

To clean your system, wipe exterior with a damp cloth. Do not use any strong abrasive cleaning agent or solvent cleaner.

NOTICE

Safeguards

- Properly tighten all fittings to ensure a leak-free assembly.
- Pick an appropriate installation location. Dimensions of systems vary — always allow an estimated minimum of 28" clearance for height of tank.
- Unit must be installed in an area where the main water line enters your home, before connecting to the water heater. DO NOT install after a water heater or on the hot water line.
- It is recommended your system be installed indoors and out of direct sunlight. Prolonged exposure to light can weaken plastic components, resulting in filter housing failure. If this is not possible and the system is outdoors or in a sunny area, the unit must be protected from both direct sunlight and freezing temperatures.
- If installing on metallic plumbing, installing system with two grounding clamps and #4 copper wire are essential for safety.
- Some local codes may require the use of a licensed plumber or certified installer when disrupting a potable water line.
- Due to the varieties of home design, not all installation configurations can be addressed in this guide. Anticipate the need for additional parts and pieces including but not limited to pex tubing, clamps, and mounting screws to install unit properly (available at a local home improvement store or through your plumbing contractor).
- Do not use with water that is microbiologically unsafe or of unknown water quality without adequate disinfection before or after the system.
- System and installation must comply with applicable state and local regulations.
- Do not install this filter where the line pressure may exceed 100 psi. The operating pressure range for this filter is between 20 psi – 100 psi.
- In areas with high pressure, a pressure relief valve and a water hammer arrestor may be necessary.
- Install on cold water lines only (40° – 90°F). Protect unit from freezing.
- Installation of the filtration system must comply with existing state and local plumbing codes. WaterBoss® and its manufacturer is not liable for consequential or incidental damages due to improper installation.
- Do not install the unit on its side. It must be installed upright to maximize contact with media bed.
- Improper sequence of equipment will affect performance and could possibly damage your system.
- NSF certified plumber's tape (thread sealing tape) is the only sealer that can be used on threaded fittings. DO NOT use pipe dope or PVC primer/ glue on threaded fittings.

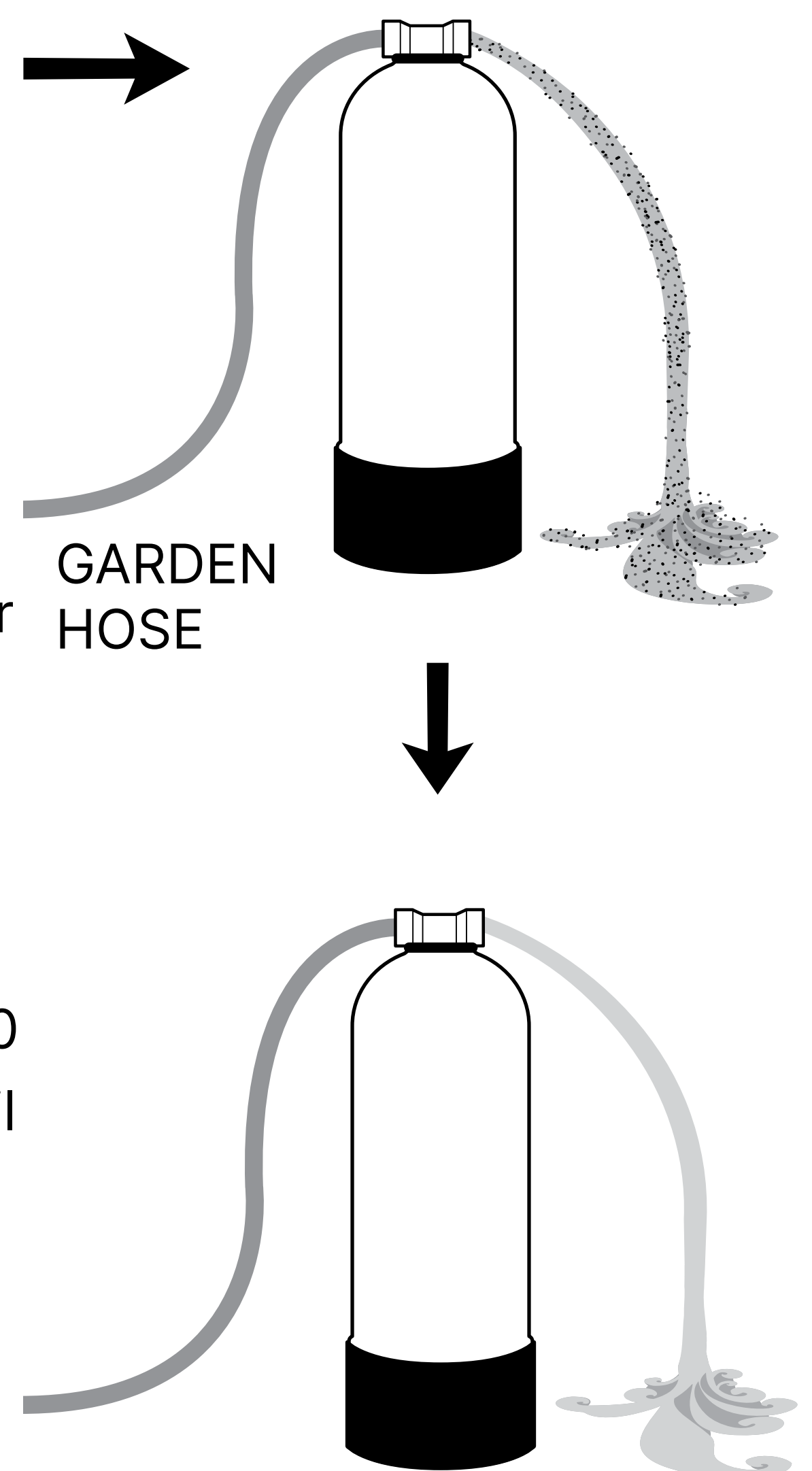
STEP 1 Flush the Tank

Note: *It's imperative that this tank is flushed properly prior to final installation. The granular carbon medium used in the bottom tank contains 1-2% by volume of carbon fines that must be flushed out prior to use. Surge flushing is the best method for purging these carbon fines from the media bed.*

1. Remove red shipping caps from the inlet and outlet ports located on the top of the tank.
2. Connect the supplied hose adapter to the inlet port. Then, attach garden hose to the hose adapter so that the water will flow into the tank and out of the outlet port.
3. Slowly turn water supply on and allow water to flow from outlet port into a suitable drainage area. The first few gallons will appear black and cloudy due to carbon fines. Allow water to flush for 15 minutes.
4. After an initial 15-minute flushing, begin a period of "surge flushing" by turning water supply on for 30 seconds and then off for 30 seconds. Repeat cycle for 15 minutes or until initial surge of water is completely clear and free from discoloration and cloudiness.

Note: Do not drink flushed water.

5. Disconnect the garden hose and hose adapter from the tank and position it for final installation.



STEP 2 Prepare for Installation

1. Pick an appropriate installation location. System must be installed in an area where the main water line enters your home, before connecting to the water heater.

Note: DO NOT install after the water heater or on the hot water line.

Components and installation will vary.

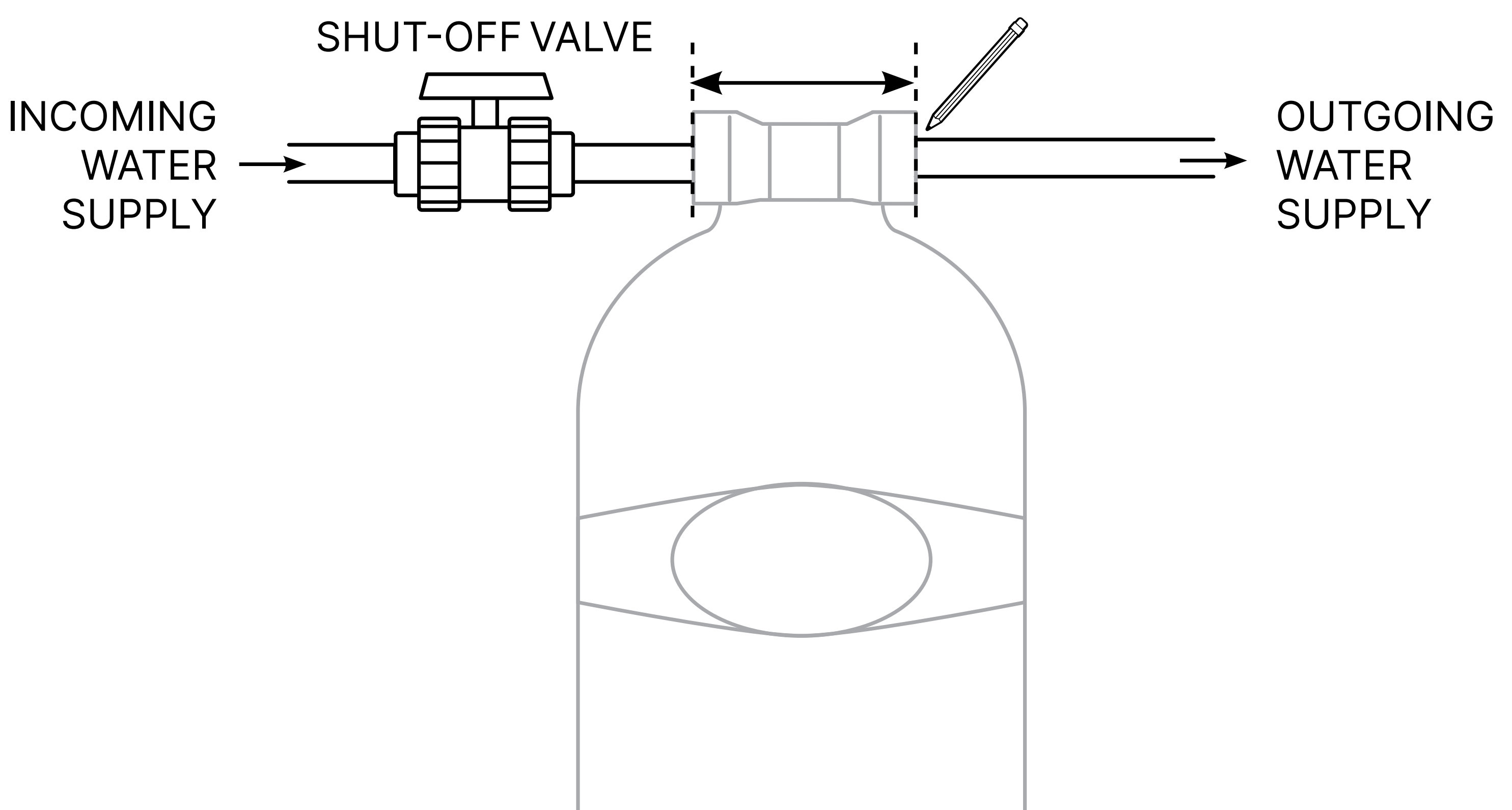
2. Turn off the main water source prior to installation and drain water from lines.
3. Wrap the two 3/4" threaded nipples with NSF certified plumber's tape. Connect both 3/4" threaded nipples to the tank's inlet and outlet ports.

Note: DO NOT use pipe solvent (dope), as solvents in some types of pipe dope may cause damage to plastic fittings. Do not over-tighten to prevent damage to filter head.

STEP 3 Install Shut-Off Valve

1. Loosely fit shut-off valve on the inlet port fitting to calculate proper spacing of components.
2. Measure distance for width of tank, shut-off valve, and any added components. Mark pipe accordingly.

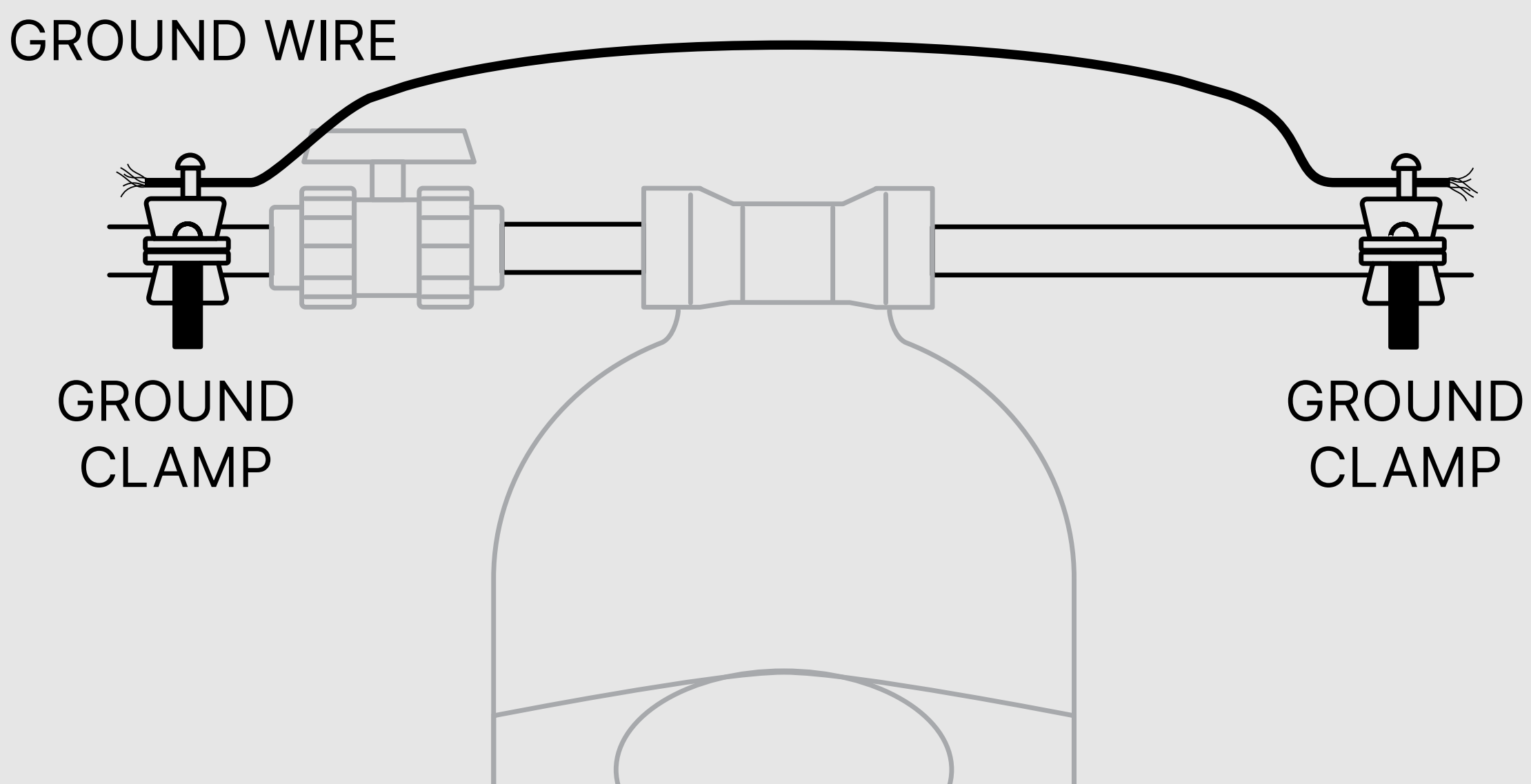
Note: If installing additional components (bypass loop, softener, Pre- or Post-Filters, slip unions, UV filter), loosely fit at this time for measurement.

ENSURE PROPER SPACING TO FIT FILTER HEAD

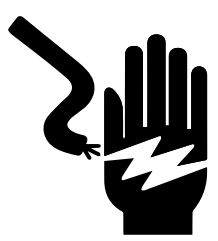
STEP 3 Install Shut-Off Valve (Cont. from previous page)

COPPER PIPES ONLY

When installing on metallic plumbing, ensure you take the following precautions. Securely install two (2) grounding clamps and a #4 copper wire (not included) across the location where the system will be installed. Tightly clamp at both ends, as shown below.



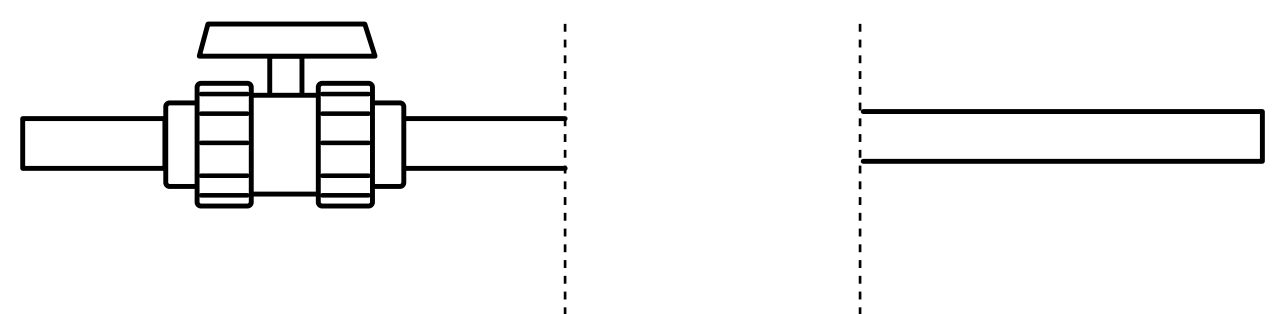
⚠ WARNING



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 electric shock.

3. Using a pipe cutter, cut pipe and clean ends of pipe. Ensure there are no burrs, sharp edges, or deep scratches.

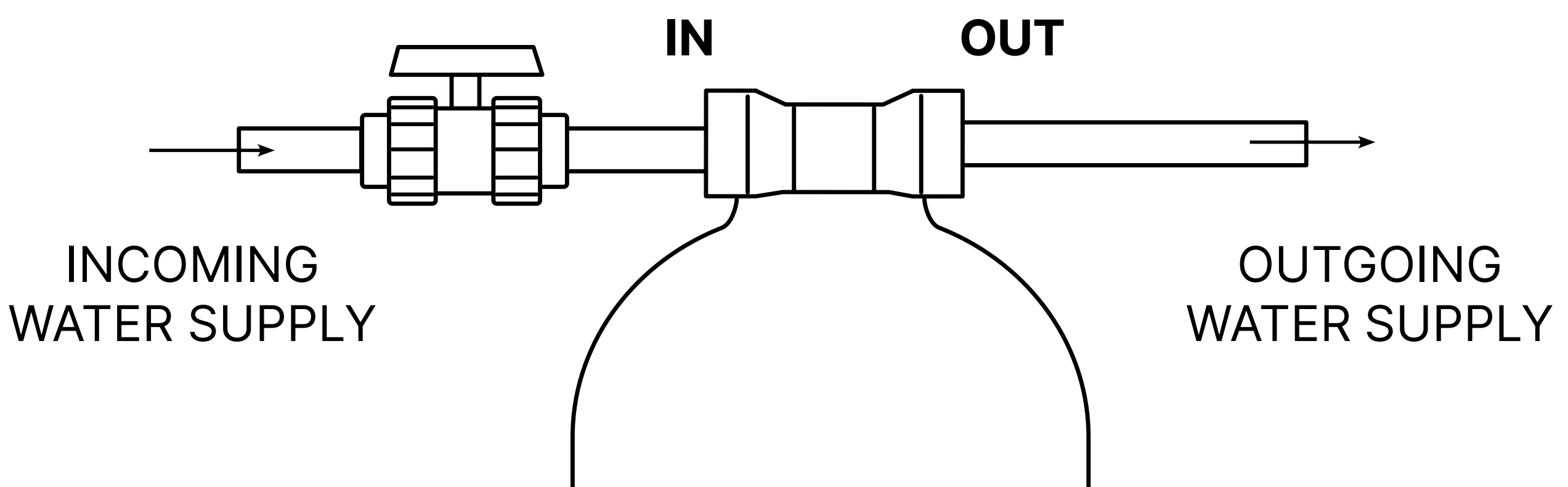


Cut along marks made in Step 2

Note: Cut tubing as straight as possible

with a utility knife, or an appropriate pipe cutter for copper tubing or PVC.

4. Fit whole house filter onto pipe. Ensure the “IN” port is connected to incoming water supply line. Apply NSF certified PVC glue on the inner fittings and the outside of the pipe ends. Connect fittings to pipe and allow proper drying time. Then, tighten shut-off valve ends. Do not over tighten. Glue and connect added components at this time.



STEP 4 Flush and Check for Leaks

Once installation is complete, slowly turn water supply on and inspect for leaks. After inspecting for leaks, turn on the faucet closest to the installed unit and allow water to run for 5-10 minutes for the final flushing period.

Note: *Do not drink flushed water.*



Models	Replacement	Rated Capacity	Operating Pressure Range	Operating Temp. Range	Rated Flow
WB-WH-FILTER	WB-WH-FILTER-R	600,000 gallons 2,271,247 liters	20-100 psi 137.9-689.5 kPa	40 - 90° F 4.44 - 32.22° C	7 gpm 26.5 lpm

Manufactured by: WaterBoss® 6310 Midway Road | Haltom City, TX 76117 | 1-866-523-4099

This system has been tested according to NSF/ANSI Standards 42 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI Standards 42.

NSF/ANSI 42	Influent Challenge Water	Reduction Requirement	Overall % Reduction	Results
Chlorine	2.02 mg/L ± 10%	≥50%	96.90%	Pass

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System Test and Certified by NSF International against NSF/ANSI Standard 42 for the reduction of Chlorine, Taste, and Odor.

- Testing was performed under standard laboratory conditions, actual performance may vary.
- All contaminants reduced by this filter are listed.
- Not all contaminants listed may be present in your water.



Sample Point	Accumulated Volume	Dynamic pressure (psi)	Chlorine, Free available (mg/l)		Flow Rate (gpm)
	Effluent 1	Influent	Influent	Effluent 1	Effluent 1
Startup	150	61	2.2 ND (0.05)	ND (0.05)	7.1
10%	60,000	61	2.2 ND (0.05)	ND (0.05)	7.0
20%	120,000	60	1.9 ND (0.05)	ND (0.05)	7.0
30%	180,000	60	2.2 ND (0.05)	ND (0.05)	7.0
40%	240,000	60	2.1 ND (0.05)	ND (0.05)	7.0
50%	300,000	60	2.1 0.05	0.05	7.0
60%	360,000	61	2.1 ND (0.05)	ND (0.05)	7.1
70%	420,000	60	2.2 0.09	0.09	7.1
80%	480,000	61	1.9 ND (0.05)	ND (0.05)	7.1
90%	540,000	61	2.0 ND (0.05)	ND (0.05)	6.9
100%	600,000	61	2.0 0.18	0.18	7.1

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Who is covered:

WaterBoss[®] and its suppliers, (herein collectively referred to as a “Manufacturer”) warrants to the original owner who purchased and installed the system (hereinafter “Owner”). The warranty is restricted to the water filter used in a single-family residence in the United States of America and is void if moved from the original installation location.

What is covered:

This Limited Warranty covers defects in materials or workmanship during the Limited Warranty period of your of your WaterBoss[®] Whole House Filter including sub-components purchased with original system, except as provided below. The water filter is warranted only when it is installed, operated and maintained in accordance with the instructions accompanying the water filter found on waterboss.com/product-registration/. A water filter should be installed in such a manner that, if the system or any connection thereto should leak, the resulting flow of water will not cause damage to the area in which it is installed. For detailed instructions read the manual accompanying the water filter and review drawings in the manual.

For how long:

This Limited Warranty runs for 72 months from the date of purchase by a consumer (hereinafter “Warranty Period”). No Warranty coverage will be provided if the claimant is unable to provide proof of purchase from an authorized WaterBoss[®] reseller. Water conditions and use rates may limit the functional lifespan of your filter. This Limited Warranty does not extend to the full estimated life span of the system.

What WaterBoss[®] will do:

1. If necessary, the Manufacturer will provide a replacement that fulfills the remaining estimated lifespan/capacity of your original purchase and send it to you with installation instructions. If industry standards, product improvements or product obsolescence prohibit Manufacturer from furnishing an identical model replacement water filter or part under this Warranty, the Owner will be furnished with a new water filter of comparable remaining capacity and functionality; however, the Owner will be charged for the additional value of the item(s) which Manufacturer has incorporated in the replacement water filter. The Warranty period for any replacement will run for the balance of the original 72 months.
2. Component Part – If any component part proves to Manufacturer’s satisfaction to be defective in material or workmanship within the warranty period listed on the data plate label, the Manufacturer will furnish the Owner with a replacement for the defective part(s).
3. Return of Defective Water Filter and Component Parts – Manufacturer reserves the right to examine the alleged defect in the water filter or component part(s), and it will be the Owner’s obligation to return the water filter and/or component part(s) to the Manufacturer at the Manufacturer’s request.

- a. When returning a water filter, it must include all component parts.
- b. When returning component part(s), they must be individually tagged and identified with the water filter model number, date of purchase, and date of installation.

What is not covered:

1. This Limited Warranty does not cover any systems that were not installed in compliance with the instructions or that have been abused or operated incorrectly.
2. This Limited Warranty applies only to products purchased from authorized WaterBoss[®] resellers.
3. The Limited Warranty stated herein is in lieu of any and all warranties, express or implied (whether written or oral), including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.
4. Manufacturer shall not be liable for any incidental, consequential, special, punitive, or contingent damages or expenses, arising, directly or indirectly, from any defect in the water filter or the use of the water filter, including but not limited to water damage.
5. Manufacturer shall not be liable for any water damage arising, directly or indirectly, from any defect in the water filter or component part(s) or from its use.
6. Manufacturer shall not be liable for any damage or product failures caused by any of the following:
 - The water filter or any of its component parts have been subject to misuse, alteration, neglect or accident.
 - The water filter has not been installed in accordance with the applicable local plumbing and/or building code(s) and/or regulations or in their absence.
 - The water filter is not installed, operated and maintained in accordance with the printed Manufacturer's instructions, including if the water filter has any additional aftermarket equipment introduced into the sealed system not approved by the manufacturer.
 - The water filter is exposed to highly corrosive conditions.
 - The water filter is not continuously supplied with potable water.
 - The water filter is not operated within the factory calibrated temperature limits.
 - The water filter is installed in direct sunlight or exposed to freezing temperatures.
 - The water filter is removed from its original installation location.
 - The water filter or any of its component parts fail due to sediment build-up.
 - Damage caused by fire, flood or acts of God.
 - Damage caused by over-pressurization in the water line.
7. This Limited Warranty does not cover damage caused by the use of parts

that are not genuine WaterBoss[®] parts. This includes, but is not limited to replacement filters, faucets, and/or diverter valves.

8. Except when specifically prohibited by the applicable state law, the Owner, and not the Manufacturer, shall be liable for and shall pay for all charges for labor or other expenses incurred in the removal, repair or replacement of the water filter or any component part(s) claimed to be defective or any expense incurred to remedy any defect in the product. Such charges may include, but are not necessarily limited to:
- a. All freight, shipping, handling and delivery costs of forwarding a new water filter or replacement part(s) to the owner.
 - b. All costs necessary or incidental in removing the defective water filter or component part(s) and installing a new water filter or component part(s).
 - c. Any material required to complete, and/or permits required for, installation of a new water filter or replacement part(s), and
 - d. All costs necessary or incidental in returning the defective water filter or component part(s) to a location designated by the Manufacturer.

How to get service:

To receive service under this Warranty, you must contact WaterBoss[®] at 1-866-523-4099 within the Warranty Period to describe the problem to a customer service representative who will verify that the product is under Warranty and determine whether a part or the system will be replaced and whether you must send back the unit. You will be required to provide proof of purchase and proof of proper installation.

Warranty registration:

Warranty registration is not required for coverage under the WaterBoss[®] Limited Warranty. If you purchased from a retailer or an authorized reseller, please complete the online Warranty registration form at waterboss.com/product-registration/. Proof of purchase from an WaterBoss[®] authorized dealer is required. Once registered online, we will have a record of your purchase.

How state law applies:

This Warranty gives you specific rights and you may have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.



WaterBoss®
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