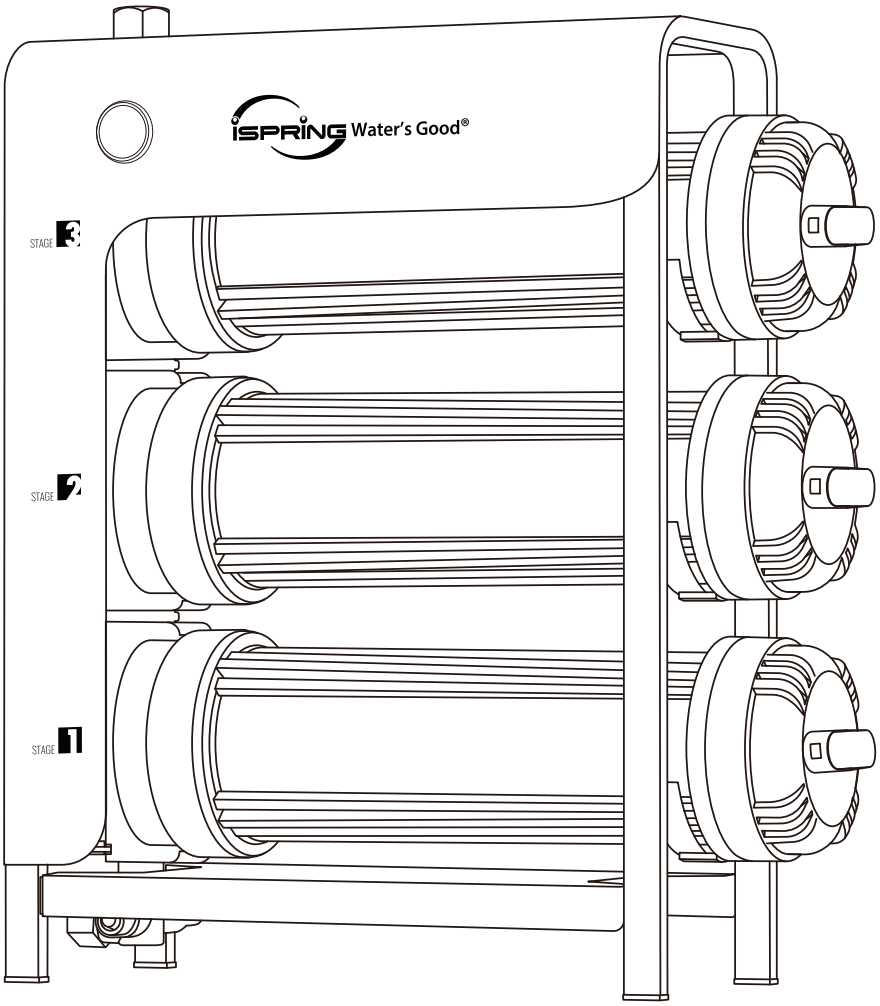
WHOLE HOUSE

iSpring WHO32B Series 3-Stage Whole House System



Installation Instructions & User Manual

Ver. 06/2026

iSpring Water Systems

Support & Warranty

Prior to Installation

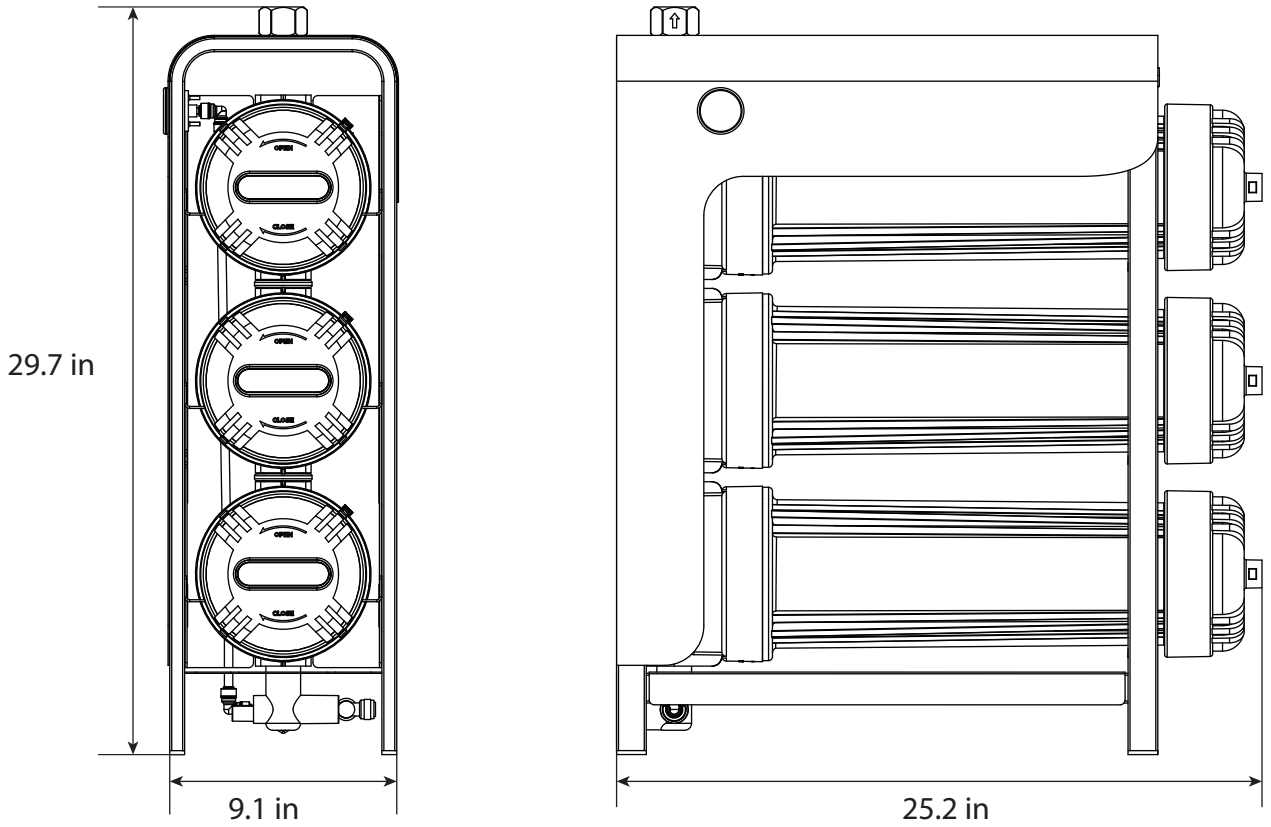
Read this instruction manual carefully prior to installation.
Keep this manual readily available for future reference.

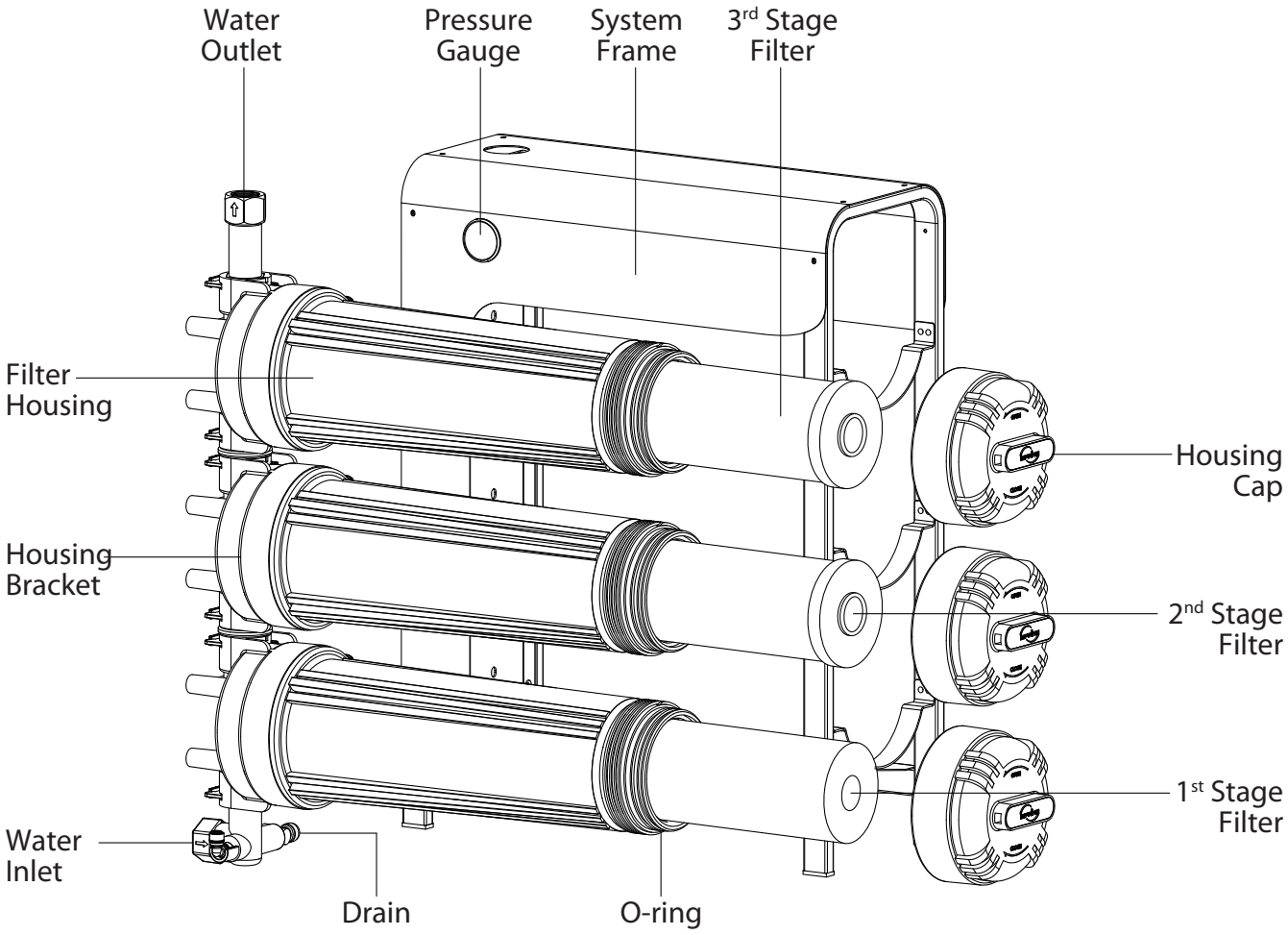
Table of Contents

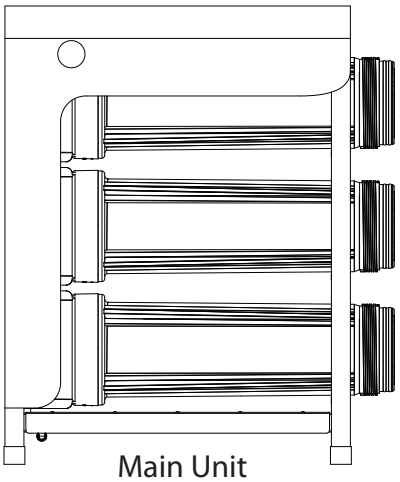
Pre-Installation Requirements

- This installation guide provides step-by-step instructions for installing your iSpring whole-house system. The steps provided here are for typical installations only; your specific installation may vary.
- Do not use this filtration system with water that is microbiologically unsafe or with water of unknown quality that has not been adequately disinfected.
- The filters should be kept in a sheltered location and never exposed to freezing temperatures, extreme heat, or direct sunlight. Damage from these conditions is not covered under warranty.
- A bypass assembly and additional pipes may be installed to loop the entire system to make servicing easier.
- Follow all local plumbing and building codes. Use plumber's tape on threaded fittings to prevent leaks.

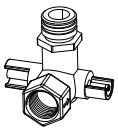
Product Overview

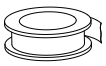





Main Unit


Filter Cartridge


Feed Water Adapter


Plumber's Tape

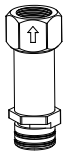

3/8" Tubing (For Draining)


O-ring


Filter Housing Cap


Drain Valve


Locking Clip

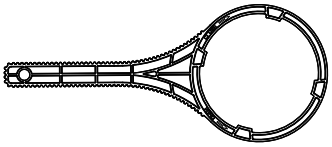

Outlet Union Adapter


Filter Insert


Silicone Packet


1/4" Locking C-Clip


3/8" Locking C-Clip


Housing Cap Wrench

Product Specifications

Flow Rate	3–15 GPM (11–57 L/min)
Working Pressure	25–80 psi (1.7–5.5 bar)
Working Temperature	40–100°F (4–38°C)
pH Requirement	6.0–9.0
Connection Size	1" NPT

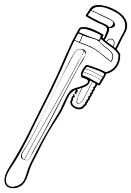
Model and Filtration Stages

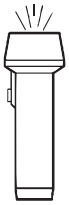
Model	Stage 1	Stage 2	Stage 3
WHO32B	PP Sediment Removal (Model #FP25B)	Carbon Block CTO (Model #FC25B)	Carbon Block CTO (Model #FC25B)
WHO32B-KS	PP Sediment Removal (Model #FP25B)	GAC+ KDF (Model #FG25B-KS)	Carbon Block CTO (Model #FC25B)
WHO32BM	PP Sediment Removal (Model #FP25B)	Carbon Block CTO (Model #FC25B)	Iron & Manganese Removal (Model #FM25B)
WHO32B-CPB	PP Sediment Removal (Model #FP25B)	Carbon Block CTO (Model #FC25B)	Lead Removal CTO (Model #FC25B-PB)
WHO32B-PB	PP Sediment Removal (Model #FP25B)	Carbon Block CTO (Model #FC25B)	Lead Removal (Model #FCRC25B)
WHO32B-MKS	PP Sediment Removal (Model #FP25B)	GAC+ KDF (Model #FG25B-KS)	Iron & Manganese Removal (Model #FM25B)
WHO32B-DS	PP Sediment Removal (Model #FP25B)	Anti-Scale (Model #FWDS150K)	Carbon Block CTO (Model #FC25B)
WHO32B-KDS	Anti-Scale (Model #FWDS150K)	GAC+ KDF (Model #FG25B-KS)	Carbon Block CTO (Model #FC25B)
WHO32B-PF	PP Sediment Removal (Model #FP25B)	Carbon Block CTO (Model #FC25B)	PFAS Removal (Model #FC25B-PF)
WHO32B-PFKS	PP Sediment Removal (Model #FP25B)	PFAS Removal (Model #FC25B-PF)	GAC+ KDF (Model #FG25B-KS)
WHO32B-PFKDS	PFAS Removal (Model #FC25B-PF)	GAC+ KDF (Model #FG25B-KS)	Anti-Scale (Model #FWDS150K)
WHO32B-KSNC	PP Sediment Removal (Model #FP25B)	GAC+ KDF (Model #FG25B-KS)	Chloramine Removal CTO (Model #FC25B-NC)

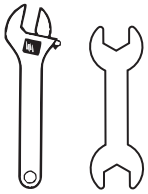
Installation Preparations

- Turn off the main water supply to your house before beginning the installation.
- Turn off the power supply for your water heater before installation.
- Open plumbing fixtures in the house to relieve pressure and drain water from the lines.
- Lay out the fittings and tools needed for your specific installation configuration.
- If you have any questions regarding installation, contact iSpring Customer Support at +1 (678) 261–7611 (Monday to Friday, 9:00 AM–5:00 PM EST). We are happy to assist you.

Tools Needed


Pipe Cutter


Flashlight


Adjustable Wrench & Medium Crescent Wrench


Safety Glasses


Towels


Flathead Screwdriver


Deburring Tools

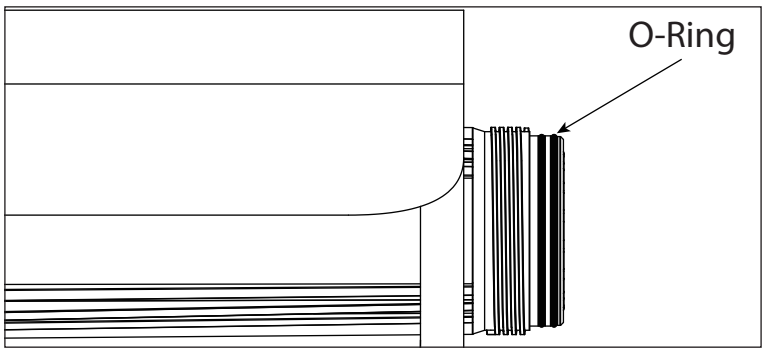
Parts Needed (Not Included)

(4x) Shut-Off Valves
(2x) Hex Nipples or Pipe Nipples
(2x) Pipe Union Pressure Regulators (as Needed)
(1x) Ground Jumper Cable (Required for Metal Pipe Installation Only)
(2x) Mounting Screws
(2x) 1" Male NPT Threaded Adapters
(2x) Pipe Hangers

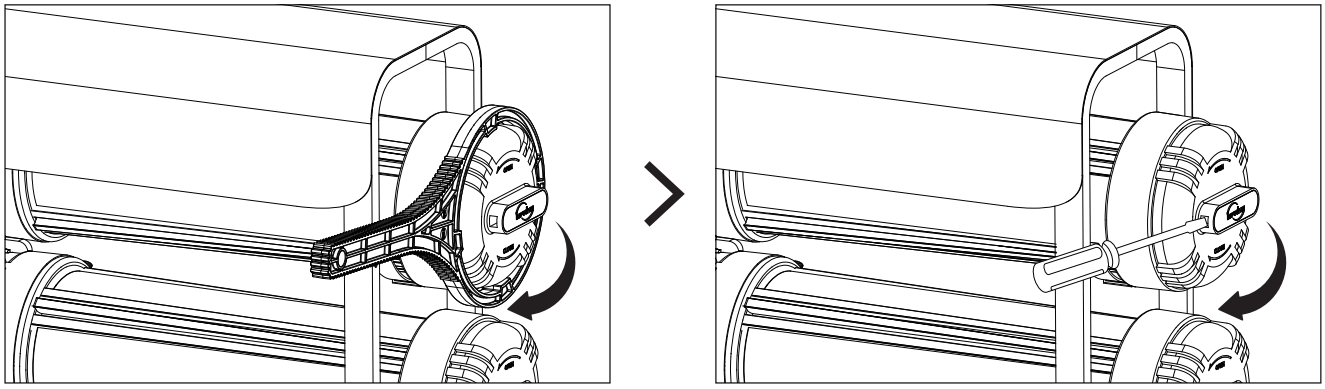
Installation

Main System Assembly

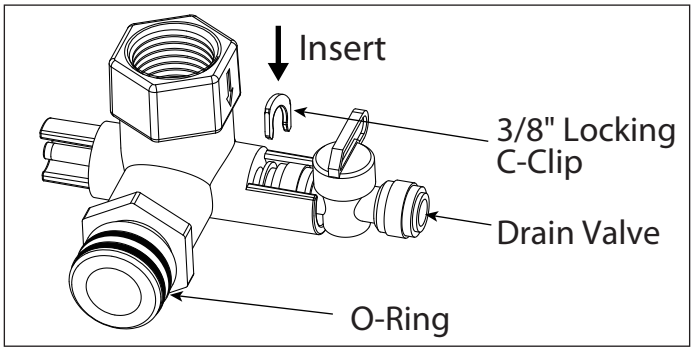
1. When unpacking the system, note the position of each filter cartridge. Remove the three filter cartridges and peel off the outer protective film. Before installing the filter cartridges, remove the protective filter inserts from inside the filter housings and discard them.
2. Insert the three filter cartridges into their corresponding housings. The cartridge is properly installed when the end of the filter does not extend past the bottom of the housing.
3. Use the silicone packet to lubricate the filter housing O-ring. Do not use petroleum jelly. Ensure the O-ring is properly seated in the groove.



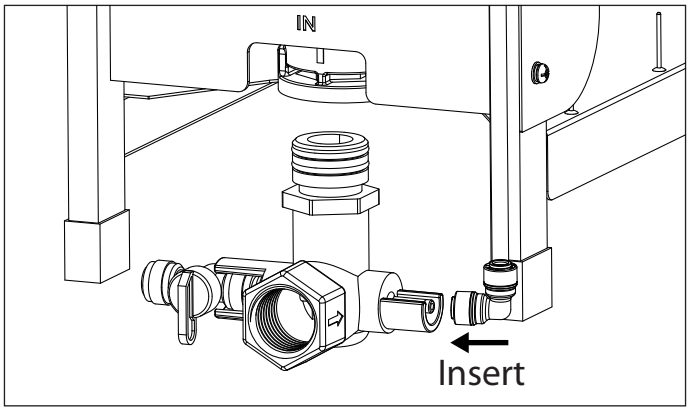
4 Install the filter housing cap onto the housing and tighten it until the logo on the housing cap is level. Tighten the filter housing securely using the filter housing wrench or a flathead screwdriver to ensure a proper seal.



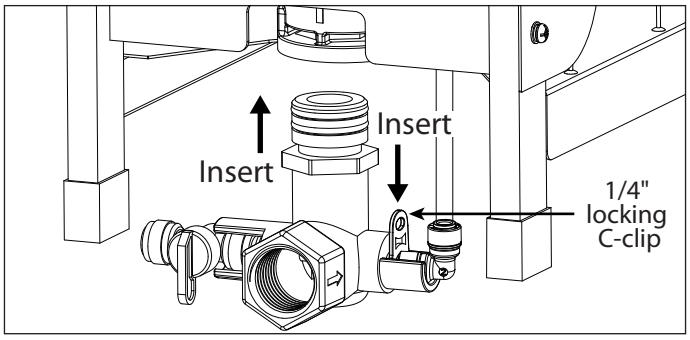
5 Place two O-rings onto the inlet of the feed water adapter and apply silicone lubricant. Insert the drain valve fully into the feed water adapter until it reaches the bottom. Ensure the valve on the feed water adapter aligns with the notch, then insert the 3/8" locking C-clip to secure it. The valve should remain in the closed position during installation.



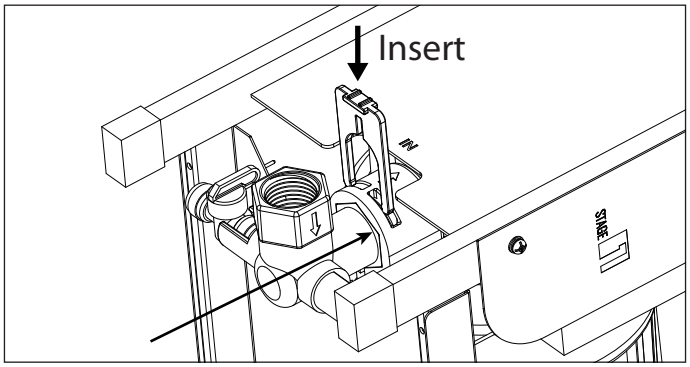
6 Insert the elbow fitting on the system to the feed water adapter ensuring it is fully seated.



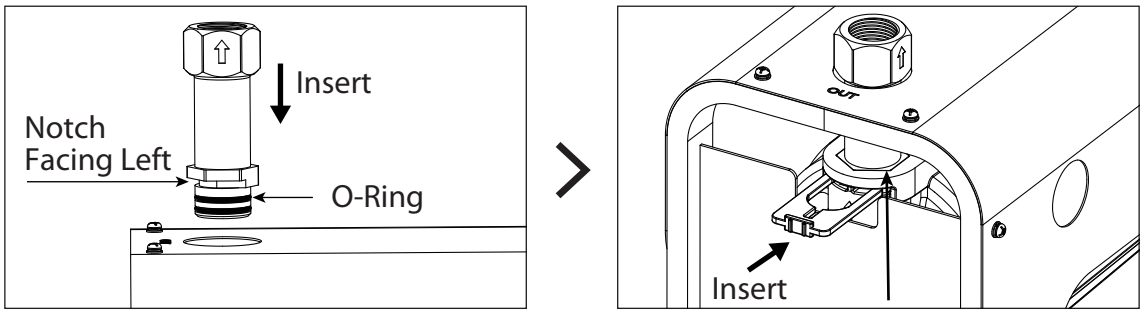
7 Insert the 1/4" locking C-clip on the elbow fitting to secure the connection.



8 Insert the feed water adapter into the system's IN port. Ensure the shoulder of the feed water adapter is flush with the main unit to confirm it is fully seated. Then insert the locking clip until you hear a click.



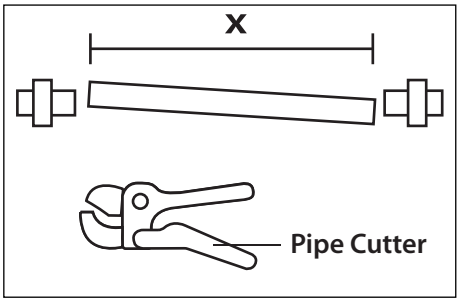
9 Place two O-rings onto the outlet union adapter and apply silicone lubricant. Insert the outlet adapter into the OUT port with the notch facing left. Ensure the shoulder of the outlet adapter is flush with the main unit to confirm it is fully seated. Then insert the locking clip to secure the connection.



System Connection

1 Measure the Pipe

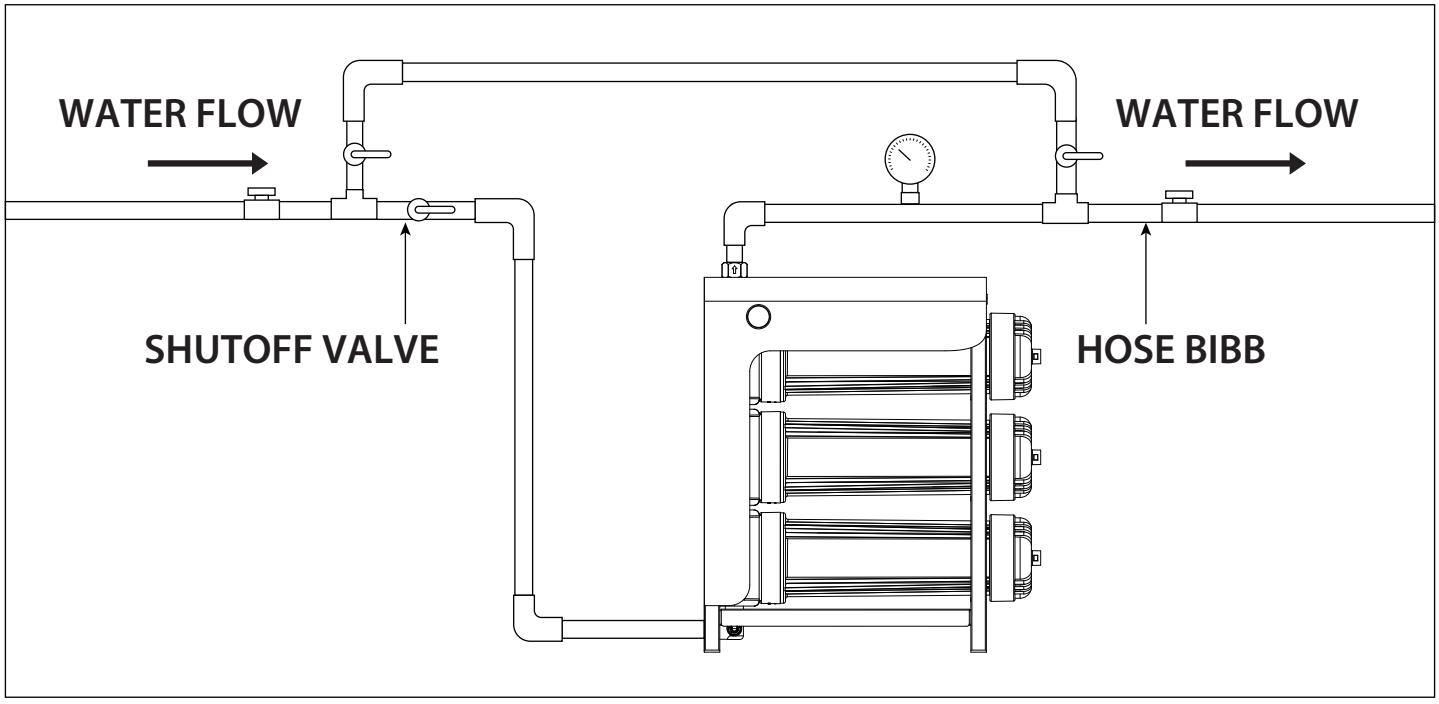
- Determine the installation location and verify the correct water flow direction for the system.
- Ensure that the installation location allows adequate space for filter removal and installation during maintenance.
- Ensure the water supply is turned off. Open several faucets inside the house and allow the water to drain until the lines are fully depressurized.



- Measure and cut the section of water line where the system will be installed. When determining the length of pipe to remove, account for the space required for the filter system, shut-off valves, union fittings, nipple fittings, and bypass valves (if used).
- Smooth the newly cut pipe ends using a deburring tool if necessary to remove sharp edges.

2 Add the Shut-Off Valve and Pressure Gauge (Optional)

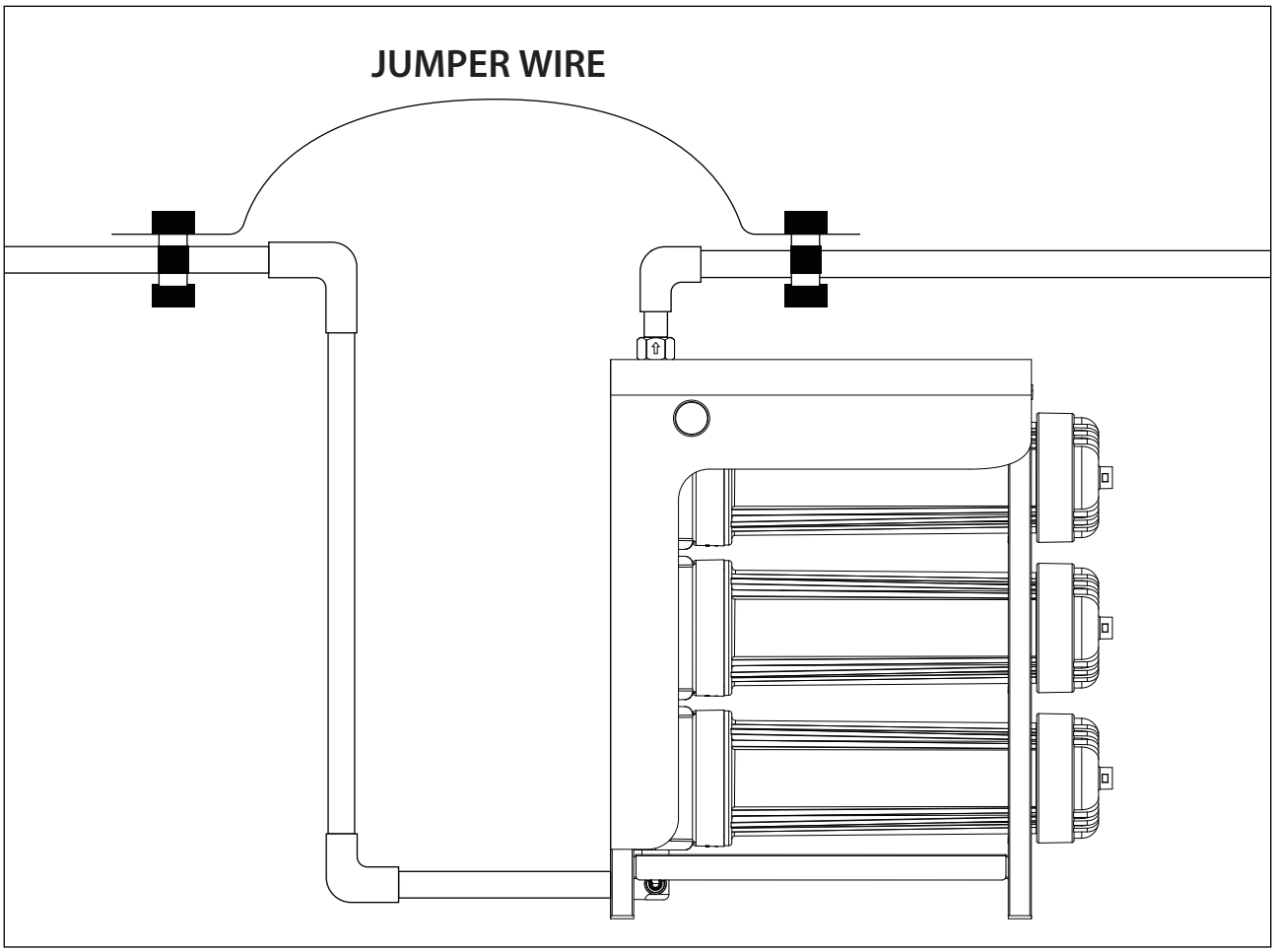
Install a shut-off valve on either side of the filter system to facilitate monitoring and maintenance.



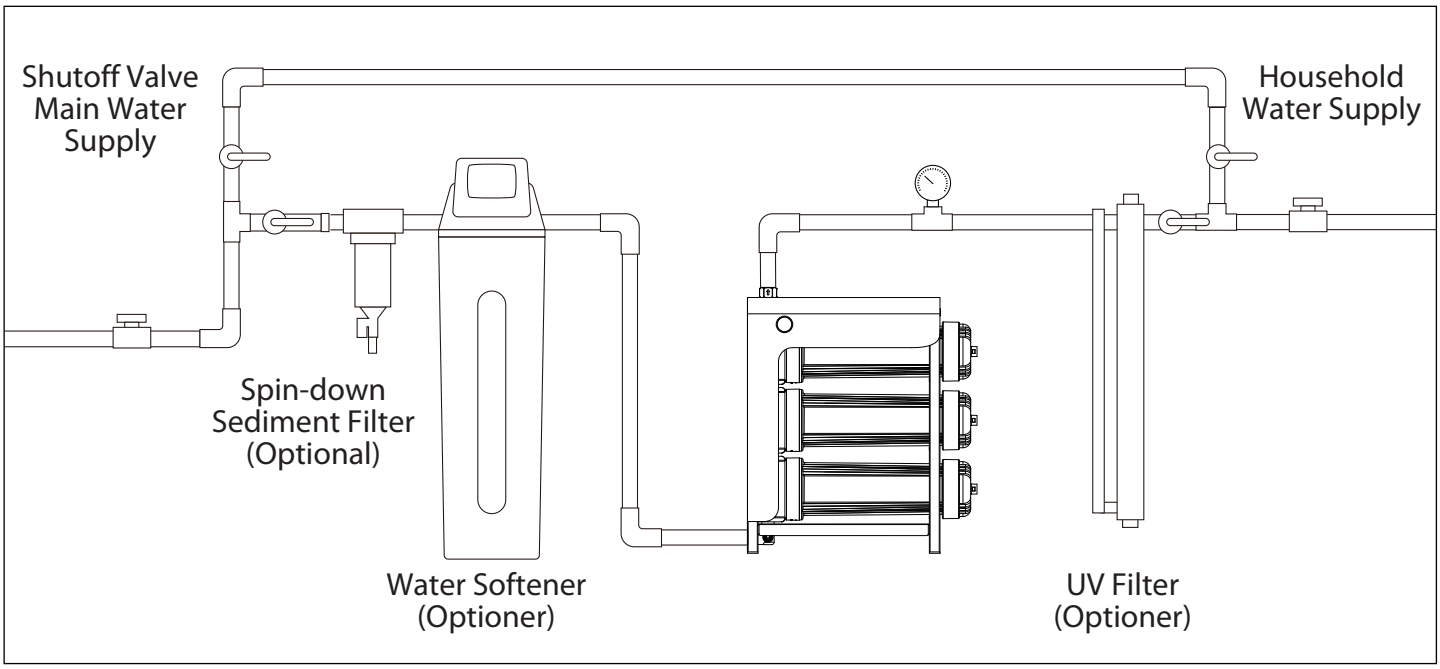
- Adjust the pipe length or spacing if necessary. Install a pipe union on the cut section of the main water line.
- Connect the pipe union and the shut-off valve. Apply plumber's tape to all threaded connections.
- Connect the shut-off valve to the IN port of the whole-house filter using a pipe nipple or hex nipple.
- Connect the OUT port of the filter to the shut-off valve on the outlet side of the system. Install a pipe union adapter between the shut-off valve and the outlet pipe.
- Check the pipe length and the pipe union spacing to determine whether additional pipe or fittings are required. Connect the pipe union to the pipe.
- Install pipe hangers on both the INLET and OUTLET water lines to provide additional support.

3 Connect Ground Jumper Wire (Required for Metal Pipe Installation Only)

If your home uses metal plumbing pipes, install a grounding jumper wire across the inlet and outlet pipes to maintain electrical grounding continuity.
Attach the jumper wire securely to both sides of the pipe using grounding clamps as shown in the illustration.



4 Turn on the Water Supply and Flush the System



Open all previously closed water supply valves to allow the filtration system to slowly fill with water. Carefully check for leaks. If a leak is detected, immediately close the main water supply valve.

Then open the ball valve located at the bottom of the system to drain any remaining water from the filter housings.

After the system is fully drained, remove the filter housing cap and inspect the O-ring to ensure it is not damaged or worn. Reinstall and securely tighten the housing cap, then close the ball valve at the bottom of the system. Follow the System Flushing Procedure to complete the flushing process.

Note: The water may initially appear cloudy or milky. New activated carbon cartridges may release small carbon particles and trapped air after installation.

System Flushing Procedure

When using the system for the first time or after replacing the filter cartridges, the whole-house filtration system must be flushed before use.

1. Slowly open the system inlet valve and a cold-water faucet located near the filtration system (do not use a hot-water faucet for flushing). Allow water to enter the filtration system. A "rushing" sound inside the filter housings indicates that water is filling the system.
2. After a few minutes, the rushing sound inside the housings will stop, indicating that the filter housings have filled with water.
3. Shortly afterward, dark water may flow from the cold-water faucet. This is normal and is caused by small amounts of carbon fines released from the filter cartridges. Continue flushing until the water runs clear.
4. Close the cold-water faucet and allow the system to sit for about 15 minutes. Then reopen the cold-water faucet and flush the system for approximately 30 minutes to complete the cleaning process.

At first, the water may appear cloudy or milky, which is normal and should clear automatically within 1–2 days. Although the cold-water lines now contain filtered water, the water heater still holds unfiltered water. With normal use, the hot water will gradually be replaced with filtered water within 2–3 days.

Filter Lifespan

Filter Type	PP	CTO	Chloramine Removal CTO	GAC+ KDF	Iron/ Manganese Removal	Lead Removal	Lead Removal CTO	Anti-scale	PFAS Removal Carbon Fiber	Deionization
Model Series	FP	FC	FC-NC	FG-KS	FM	FCRC	FC-PB	FWDS	FC-PF	FD
Max. Lifespan (month)	6	12	12	12	12	12	12	12	12	12

Filter lifespan varies depending on the quality of the incoming water and the amount of water consumed daily. Your iSpring Whole House Water System requires regular maintenance. It is recommended to replace the filters every 6–12 months, depending on the level of contaminants present in the water supply. If the system was previously operating normally but the water pressure has noticeably decreased, it may be time to replace the filters.

Note: All filters must be replaced periodically. Failure to replace the filters as recommended may void the product warranty and may result in reduced performance, damage to the system, or water damage to the property.

Filter Replacement Procedure

1. Shut off the main water supply valve and disconnect the filtration system from the water supply.
2. Connect a 3/8" drain hose to the drain ball valve at the bottom of the system. Place the hose into a container to collect the discharged water. Open the drain ball valve to release the water stored inside the filter housings. During draining, ensure that the drain hose remains positioned lower than the drain outlet.
   To speed up drainage, you may loosen the three filter housing caps by about two turns. Draining the stored water typically takes about 10 minutes (approximately 2.6 Gallon or 10 L). Some residual water may remain in the housings, so it is recommended to place a container under the housings to catch any remaining water. Opening a nearby faucet can also help speed up the draining process. After draining is complete, close the drain ball valve at the bottom of the system.
3. Use the filter housing wrench provided with the system to unscrew and remove the filter housing caps.
4. Remove and discard the used filter cartridges.
5. If necessary, clean the housings and caps with warm water mixed with approximately 2 tablespoons of household bleach. Use a sponge or soft cloth to wipe the surfaces. Wear rubber gloves while cleaning all components.
6. If needed, apply silicone lubricant to the filter housing O-rings. Do not use petroleum jelly. Ensure the O-rings are properly seated in the grooves.
7. Remove the packaging from the new filter cartridges and slowly insert them into the corresponding filter housings. The cartridge is properly installed when the end of the filter does not extend beyond the bottom of the housing.
8. Reinstall the filter housing caps and tighten them until the logo on the housing cap is level. The filter housing wrench may be used to tighten the caps if necessary.
9. After replacing the filters, follow the system flushing procedure described above before returning the system to normal operation.

Important Notes

- After installation, the cold-water lines will contain filtered water; however, the water heater will still hold unfiltered water. With normal use, the unfiltered water in the heater will gradually be replaced with filtered water within 2–3 days.
- This filtration system should not be used with water that is microbiologically unsafe or with water of unknown quality that has not been properly disinfected.
- Do not expose the filtration system to freezing temperatures or excessive heat, as this may cause serious damage to the system and its housing. Damage caused by such conditions is not covered under warranty.
- If the system is not used for an extended period (for example, during a vacation), flush the whole-house filtration system for at least 10 minutes using the flushing method described above before resuming normal use.

Troubleshooting

Possible Issues	Solutions
Water pressure drops after some time	Depending on incoming water quality, replace the filters every 6–12 months. If water pressure continues to decrease despite normal operation, the filters may need to be replaced.
Water pressure drops immediately after installation	1) Ensure that the plastic wrapping has been removed from the filter cartridges. 2) Avoid using high-flow fixtures (bathtubs, utility sinks, hose bibs, multi-head showers, sprayers) during the first 72 hours, as they may cause temporary carbon blockage. If blockage occurs, shut-off the water for at least 10 minutes, then resume use at low to normal flow rates.
Water appears cloudy or gray	This is normal and should clear within 3–5 days. Tiny air bubbles and residual carbon dust from the filters may cause this appearance.
Leakage from the filter housing connection	The O-ring may be improperly seated. Check that the O-ring is correctly positioned and undamaged. If leakage continues after adjustment, contact iSpring Customer Service at +1 (678) 261-7611 or support@ispringfilter.com.

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For questions, comments, or technical support, please contact us at:

support@ispringfilter.com

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+1 (470) 560-0012

Monday–Friday 9:00 a.m.–5:00 p.m. EST

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