



SpringWell

WATER FILTRATION SYSTEMS

Installation Instructions

SALT-FREE WATER SOFTENER

MODEL: FS1, FS4

Our high-tech SpringWell FutureSoft salt-free water softener is a chemical-free, maintenance-free and environmentally friendly alternative to salt-based softening. Eliminate scale, extend the life of your appliances and make cleaning easier today!



CUSTOMER SERVICE IS AVAILABLE MON-FRI 9AM-6PM EST



800-589-5592

WWW.SPRINGWELLWATER.COM

Salt Free Water Softener

Setup And Installation

System Contents



Conditioner Tank (FS)



Pre-Filter



Spanner Wrench



Mounting Bracket



MNPT Fittings (x2)



Sediment Filter



Gasket and Lube



Hose Bib Assembly



Bypass Valve

Recommended Supplies



1-inch (24-inch Long) Corrugated Water Connectors (x3)



1-inch (3-inch long) PVC Nipples (x3)*



1 Roll Plumbers Tape



1-inch threaded connectors for pre-plumb (slip/threaded elbows shown)

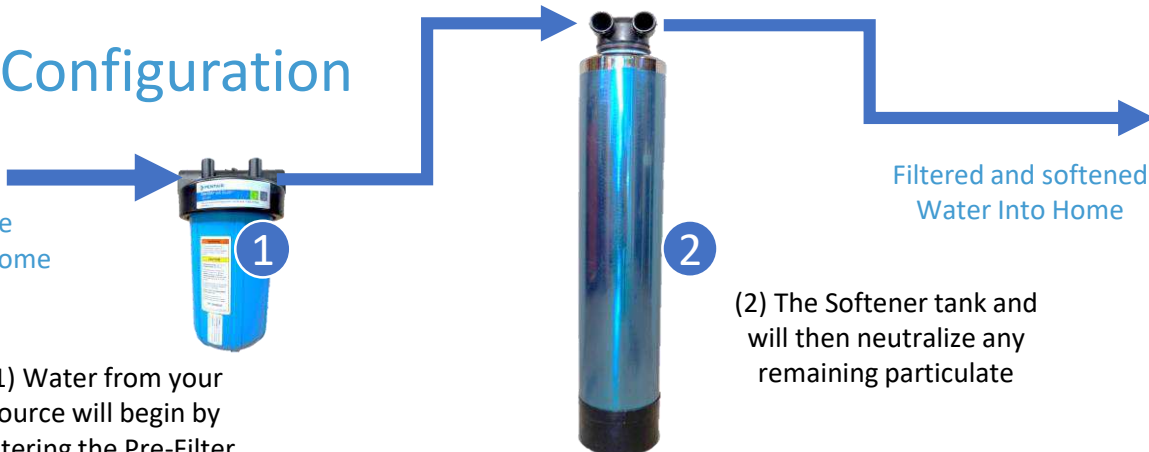


1-Inch PVC Shut Off Valve*

*The quantities are suggestions. Your system configuration may vary depending on installation area.

System Configuration

Water Source From Outside Home



(1) Water from your source will begin by entering the Pre-Filter

(2) The Softener tank and will then neutralize any remaining particulate

Salt Free Water Softener



PLEASE READ INSTRUCTIONS FULLY PRIOR TO ATTEMPTING INSTALLATION. Be sure to follow all applicable plumbing codes. The system must be installed on a main water supply line



Caution: Do not install on well water unless you have spoken to a customer service representative first.

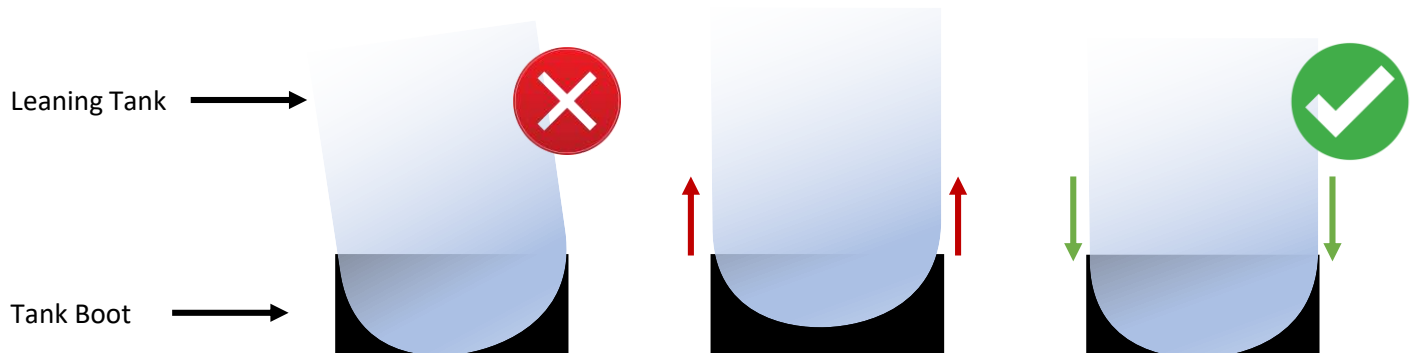
Product Specs



FS1	
Tank Width	6"
Tank Height	35" (39" with Head)
Flow Rate	12 GPM Service
Connection Size	1"
Max Pressure	75 PSI
Operating Temperatures	35 – 110 F

FS4	
Tank Width	9"
Tank Height	48" (52" with Head)
Flow Rate	15 GPM Service
Connection Size	1"
Max Pressure	75 PSI
Operating Temperatures	35 – 110 F

Level Tanks



If the tank is not perfectly straight, carefully lift the tank straight up a few inches and tap it on the ground until the tank stands vertically and fits snugly into the tank boot.

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IMPORTANT! The media inside the filter system **MUST** soak in water for a minimum of 48 hours prior to installation

Media Soak Instructions (48 Hours Prior)

This step will require the materials listed below



Conditioner Tank (FS)



Bypass Valve



Hose Bib Assembly



MNPT Fittings (x2)



Lawn Hose Connected to Faucet

Bypass Operation



Bypass on, water does not flow through tank



Bypass off, water flows through tank



7) Insert the bypass valve onto the top of the tank.



8) Fully tighten the fasteners on both valve connections securing the bypass valves.



9) Attach and tighten a MNPT Fitting onto the connections on each of the bypass valves.



10) Use the hose bib to attach the lawn hose to the inlet on the tank. Ensure the bypass is off to allow water flow through the tank.



11) Turn on the water to the hose halfway until water exits the tank. Turn off the water and disconnect the hose and hose bib.



12) Switch the tank to bypass and store for 48 hours.

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IMPORTANT! The media must be flushed on the tank prior to install

Tank Flush Instructions

This step will require the materials listed below



Conditioner
Tank (FS)



Hose Bib
Assembly



Lawn Hose
Connected to Faucet

Bypass Operation



Bypass on, water does
not flow through tank



Bypass off, water
flows through tank



13) Switch off the bypass on the tank. Note: Some water may be released from the 48-hour pre-soak.



14) Attach the hose bib assembly onto the inlet port on the tank.



15) Connect the hose to the hose bib assembly.



16) Run water through the tank until the water runs clear.



17) Switch the hose and hose bib to the outlet side now and flush with water in the opposite direction until the water runs clear.

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Note: The tank has a stainless-steel sleeve that is covered in protective plastic. Please remove the plastic prior to install. The sleeve can be maintained and polished using automobile wax.

Prepping the Pre-Filter

This step will require the materials listed below



Pre-Filter Housing



Sediment Filter



O-Ring w/Lube



19) Unscrew the lid from the pre-filter Housing.



20) The O-ring will now be laid into the groove around the top of the pre-filter Housing tank.



21) Squeeze lubricant onto the O-ring then spread it using your finger.



22) Flip the O-Ring over and lubricate the opposite side as well.



23) Insert the Sediment Filter into the pre-filter Housing.



24) Replace the lid and fully tighten it

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Installing the Pre-Filter

This step will require the materials listed below



Prepped Pre-Filter Housing



Wrench and Pliers



Drill with 3/16" drill bit



1-Inch PVC Shut Off Valve*



1-inch (3-inch long) PVC Nipples (x3)*



Spanner Wrench



Mounting Bracket



1-inch (24-inch Long) Corrugated Water Connectors (x1)



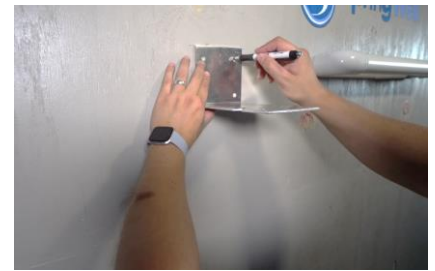
Plumbers Tape



25) Note: Plumbers tape will need to be applied to all PVC threads during the installation.



26) Install a PVC nipple onto each the inlet and outlet of the pre-filter housing. Fully tighten using pliers avoiding damage to the threads on the PVC nipples.



27) Identify the optimal area to mount the pre-filter. Ensure that it aligns to allow a connection from the pre-plumb into the inlet of the pre-filter. Mark your holes for pre-drilling.



28) Use a 3/16" drill bit to pre-drill the holes for the pre-filter mounting bracket.



29) Use 4 of the provided bolts and washers to secure the bracket to the wall using a 1/2" socket.



30) Before mounting the pre-filter, identify the inlet and outlet by using the markings on top. Be sure to orient it so the incoming water can be connected to the inlet.

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Installing the Pre-Filter (cont.)



IMPORTANT! Be sure to turn off the water main to your home before proceeding to the next steps!



31) Use the remaining 4 bolts to secure the pre-filter to the mounting bracket.



32) Expose the pre-plumb and prep to install the threaded adapters.



33) Install a 1" threaded adapter on the incoming water supply and point the threads towards the pre-filter.



34) Point the threaded adapter for the opposite end of the pre-plumb towards the tank connections.



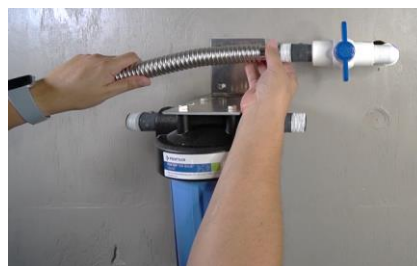
35) **NOTE:** Plumbers tape will need to be applied to every thread when connecting all corrugated pipes.



36) Connect the PVC shut off valve onto the threaded adapter on the incoming water supply.



37) Connect a PVC nipple to the other end of the PVC shut off valve.



38) Connect a corrugated pipe to the PVC nipple.



39) Connect the other end of the corrugated pipe to the inlet on the pre-filter.

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Installing the Tank

This step will require the materials listed below



Conditioner Tank (FS)



Plumbers Tape



Wrench



1-inch (24-inch Long) Corrugated Water Connectors (x2)



40) Apply plumbers' tape to the inlet and outlet connections on the conditioner tank.



41) Position the conditioner tank next to the Pre-Filter. Ensure the connections on the tank are on the backside against the wall.



42) Connect the corrugated pipe to the outlet on the pre-filter.



43) Connect the other end of that pipe to the inlet on the conditioner tank.



44) Connect a corrugated pipe to the other connection on the pre-plumb.



45) Connect the other end to the outlet on the conditioner tank.



46) The connections should be similar to this.

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Testing the System



47) Before turning the water back on to the home, use the provided spanner wrench to fully tighten the pre-filter housing.



48) While the water is still off, open a cold bathtub faucet all the way.



49) Ensure the shut off valve to the system is closed (1), and that the bypass valves on the conditioner tank is set to bypass (2). Turn the water back onto the home and inspect the shut off valve for leaks.



50) If no leaks are detected, open the shut off valve and allow water to flow through the system. Check the connections for leaks.



51) If no leaks are detected, open the bypass valve to allow water flow through the tank.



52) Allow water to run through the system for 5-10 minutes. It is normal to see a small amount of sediment during this time.



Congratulations, Your installation is complete.