



# SpringWell

WATER FILTRATION SYSTEMS

## Installation Instructions

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### SALT-FREE WATER SOFTENER

MODEL: FS1, FS4, FS+

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](http://WWW.SPRINGWELLWATER.COM)



# Salt Free Water Softener Setup And Installation

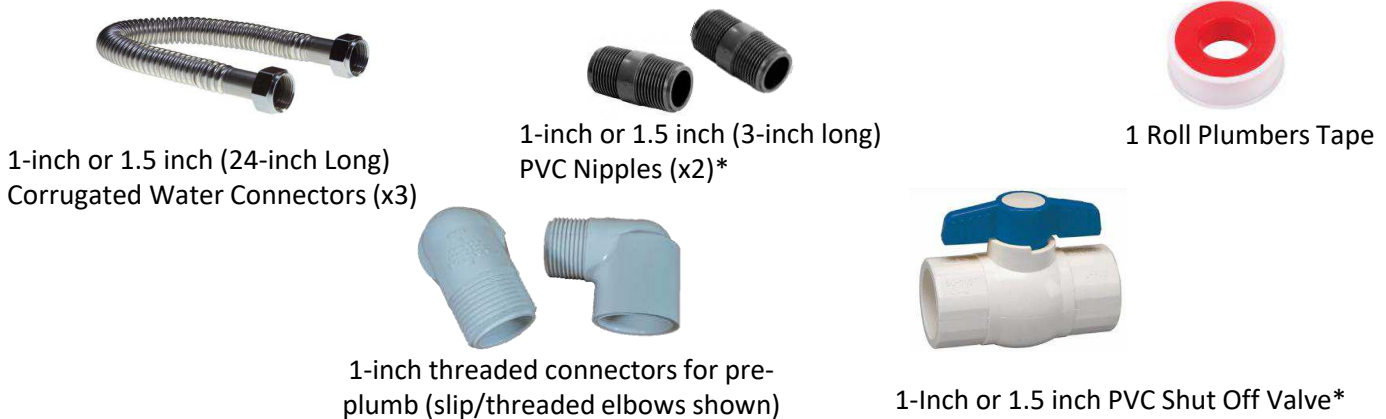
## System Contents



\*Not applicable for FS+

## Recommended Supplies

*Items shown not included*



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

## System Configuration



# 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



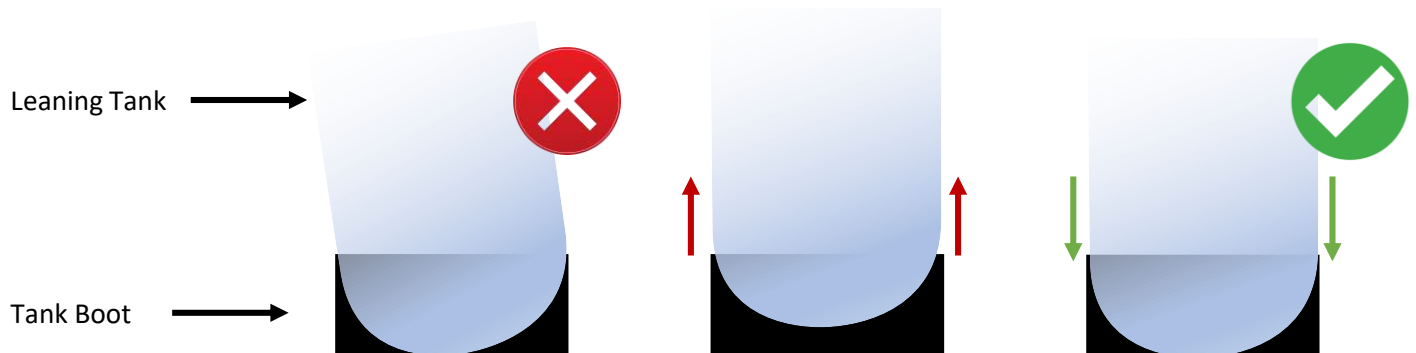
Caution: Do not install on well water unless you have spoken to a customer service representative first.

## Product Specs



	FS1	FS4	FS+
Tank Width	6"	9"	13"
Tank Height	35" (39" with Head)	48" (52" with Head)	54" (58" with Head)
Flow Rate	12 GPM Service	15 GPM Service	20 GPM Service
Connection Size	1"	1"	1.5"
Max Pressure	75 PSI	75 PSI	80 PSI
Operating Temperatures	35 – 110 F	35 – 110 F	34 – 120 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.

# Salt Free Water Softener



**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\*

\*Not applicable for FS+



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.

# Salt Free Water Softener



**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.



# Salt Free Water Softener

## 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

# Salt Free Water Softener

## Installing the Pre-Filter

This step will require the materials listed below



Prepped Pre-Filter Housing



Wrench and Pliers\*



Spanner Wrench



Mounting Bracket



Drill with 3/16" drill bit\*



1-inch or 1.5 inch (24-inch Long) Corrugated Water Connectors (x1)\*



1-Inch or 1.5 inch PVC Shut Off Valve\*



1-inch or 1.5 inch (2-inch long) PVC Nipples (x2)\*



Plumbers Tape\*

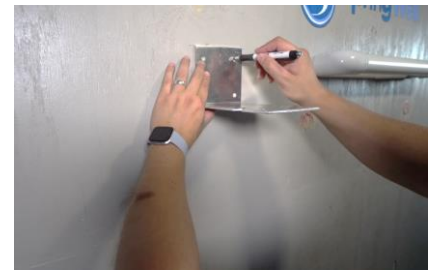
*\*Items not included*



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.

# Salt Free Water Softener

## 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.



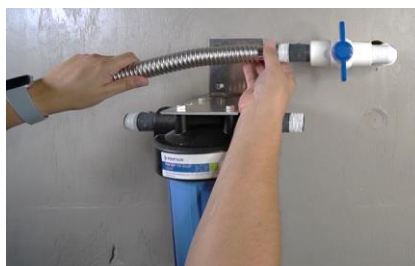
35) **NOTE:** Plumbers tape will need to be applied to every thread when connecting all corrugated pipes.



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.



# Salt Free Water Softener

## Installing the Tank

This step will require the materials listed below



Conditioner Tank (FS)



Plumbers Tape



Wrench



1-inch or 1.5 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.

# Salt Free Water Softener

## 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.