SpringWell whole house water filters use the highest quality of coconut catalytic carbon that target the contaminants that we find in our water supplies today. Our systems are manufactured in an up-flow design giving the influent water optimal contact time so we can reduce as many contaminants as possible. Our catalytic carbons have an extremely fast reaction time which means more contaminant removal, even in a high flow installation.

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

800-589-5592

WWW.SPRINGWELLWATER.COM
Whole House Filter Setup And Installation

System Contents

- Carbon Filter Tank (CF)
- Sediment Filter Housing
- Sediment Filter
- Spanner Wrench
- Mounting Bracket
- MNPT Fittings (x2)
- Gasket and Lube
- Hose Bib Assembly
- Bypass Valve

System Compatibility

- Corrugated Water Connectors
- PVC
- Copper
- Pex

These instructions will feature a combination of PVC and threaded water connectors. But, note that this system is compatible with multiple types of connections.

System Configuration

Water Source From Outside Home

1. (1) The carbon filter tank (CF) remove chemicals and contaminants such as chlorine

2. (2) The Sediment Filter removes any particulate

Filtered and Softened Water Into Home

Questions? Call (800)-589-5592
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

<table>
<thead>
<tr>
<th>CF1</th>
<th>CF4</th>
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</thead>
<tbody>
<tr>
<td>Tank Width</td>
<td>Tank Width</td>
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<tr>
<td>9”</td>
<td>10”</td>
</tr>
<tr>
<td>Tank Height</td>
<td>Tank Height</td>
</tr>
<tr>
<td>48” (52” with Head)</td>
<td>54” (58” with Head)</td>
</tr>
<tr>
<td>Flow Rate</td>
<td>Flow Rate</td>
</tr>
<tr>
<td>9 GPM Service</td>
<td>11 GPM Service</td>
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<tr>
<td>Connection Size</td>
<td>Connection Size</td>
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<tr>
<td>1”</td>
<td>1”</td>
</tr>
<tr>
<td>Operating Pressure</td>
<td>Operating Pressure</td>
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<tr>
<td>25-80 PSI</td>
<td>25-80 PSI</td>
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<tr>
<td>Operating Temperatures</td>
<td>Operating Temperatures</td>
</tr>
<tr>
<td>36 – 120 F</td>
<td>36 – 120 F</td>
</tr>
<tr>
<td>Sediment Filter Change/Replacement</td>
<td>Sediment Filter Change/Replacement</td>
</tr>
<tr>
<td>Every 6-9 Months</td>
<td>Every 6-9 Months</td>
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<tr>
<td>Media Change/Replacement</td>
<td>Media Change/Replacement</td>
</tr>
<tr>
<td>Every 6 years or 1 Million Gallons</td>
<td>Every 6 years or 1 Million Gallons</td>
</tr>
</tbody>
</table>

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 snuggly into the tank boot.

Questions? Call (800)-589-5592
Installing the Head on the CF (Carbon Filter) Tank

This step will require the materials listed below

- Carbon Filter Tank
- Tank Head

1) Unscrew the cap on top of the carbon filter tank.

2) Discard the cap as it is no longer required.

3) Locate the tank head and note the label discussing the necessary 48-hour pre-soak.

4) Align the opening on the bottom of the tank head with the pipe inside the tank.

5) Press the tank head down to allow the threads to catch.

6) Turn the tank head clockwise until it is fully tightened.

7) Insert a blunt tool into one of the connections on the head. A screwdriver handle will work.

8) Use your feet around the boot to add grip to the tank.

9) Grip the tank and use the screwdriver as leverage to fully tighten the head.

ONCE THE HEAD ATTACHES TO THE PIPE INSIDE THE TANK IT IS PERMANENT. Do not attempt to unscrew or remove the head from the tank or it will cause the components within the tank to separate causing damage and potentially cause resin to seep from the tank into your home plumbing.
IMPORTANT! The carbon media inside the filter system MUST soak in water for a minimum of 48 hours prior to installation

**Carbon Soak Instructions (48 Hours Prior)**

**This step will require the materials listed below**

- **Carbon Filter Tank (CF)**
- **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

### Instructions

10) Insert the bypass valve onto the connections of the tank head and press in place.

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

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

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

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

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

Questions? Call (800)-589-5592
IMPORTANT! The carbon media in the tank must be flushed prior to installation

Carbon Flush Instructions

This step will require the materials listed below:

- Carbon Filter Tank (CF)
- Hose Bib Assembly
- Lawn Hose Connected to Faucet

16) After the necessary 48-hour pre-soak. Attach the hose bib assembly and water hose onto the inlet port on the tank.

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

18) Turn on the water and allow the tank to flush for about 3-5 min. Until the water runs clear.

19) Switch the hose bib assembly and the hose to the outlet side of the tank.

20) Flush with water in the opposite direction until the water runs clear. Approx. 3-5 min. Once done the hose and hose bib assembly can be removed.

Note: The neoprene jacket that was shipped with the tank can now be zipped onto the tank. The Springwell logos should face forward.

Questions? Call (800)-589-5592
Prepping the Sediment Filter

This step will require the materials listed below:

- Sediment Filter Housing
- Sediment Filter
- O-Ring w/Lube

21) Unscrew the lid from the sediment filter Housing.
22) The O-ring will now be laid into the groove around the top of the sediment filter Housing tank.
23) Squeeze lubricant onto the O-ring then spread it using your finger.

24) Flip the O-Ring over and lubricate the opposite side as well.
25) Insert the Sediment Filter into the sediment filter Housing.
26) Replace the lid and fully tighten it.

Questions? Call (800)-589-5592
Installing the Sediment Filter

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

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

29) Identify the optimal area to mount the sediment filter. Ensure that it aligns to allow room for the carbon filter tank ahead of the sediment filter. Also note that the distance from the outlet of the sediment filter is close enough to the pre-plumb. Mark your holes for pre-drilling.

30) Use a 3/16” drill bit to pre-drill the holes for the sediment filter mounting bracket. Use 4 of the provided bolts and washers to secure the bracket to the wall using a 1/2” socket.

31) Before mounting the sediment 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.

32) Use the remaining 4 bolts to secure the sediment filter to the mounting bracket.

Prepped Sediment Filter Housing
Spanner Wrench
Mounting Bracket
Drill with 3/16” drill bit
1-inch (3-inch long) PVC Nipples (x3)*
**Installing a Shut Off Valve**

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

**33)** Expose the pre-plumb and prep to connect the system. Threaded adapters are used in this example.

**34)** 1” threaded adapters are featured in this guide and are installed on the incoming water supply with the threads towards the location of the carbon tank.

**35)** Point the threaded adapter for the opposite end of the pre-plumb towards sediment filter outlet connection.

**36)** It is suggested to connect a PVC shut off valve onto the threaded adapter from the incoming water supply. Ensure it is fully tightened.

**37)** Connect a PVC nipple to the other end of the PVC shut off valve. Ensure it is fully tightened.

**38)** Connect a corrugated pipe to the PVC nipple. Ensure it is fully tightened.

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**IMPORTANT!**

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

**Plumbers Tape**

*A shut off valve ahead of the system is recommended for easy maintenance.*

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**Whole House Filter**

**1-Inch PVC Shut Off Valve***

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

**Wrench and Pliers**

**Questions? Call (800)-589-5592**
Installing the Tank

This step will feature the materials listed below

- Carbon Filter Tank (CF)
- Wrench
- Plumbers Tape
- 1-inch (24-inch Long) Corrugated Water Connectors (x2)

39) Apply plumbers' tape to the inlet and outlet connections on the carbon filter tank.

40) Position the carbon filter tanks next to the sediment filter. Ensure the connections on the tank are facing backwards against the wall.

41) Connect the corrugated pipe from the shut off valve to the inlet on the Carbon filter tank. Ensure it is fully tightened.

42) Connect another corrugated pipe to the outlet side of the carbon filter tank. Ensure it is fully tightened.

43) Connect the other end of that corrugated pipe to the inlet side of the sediment filter. Ensure it is fully tightened.

44) Connect a third corrugated pipe to the outlet from the sediment filter. Ensure it is fully tightened.

45) The other end of that corrugated pipe will be connected to the pre-plumb that leads into the home.

Questions? Call (800)-589-5592
Testing the System

Note: Your system should look similar to this.

46) Before turning the water back on to the home, use the provided spanner wrench to fully tighten the sediment filter housing.

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

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

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

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

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

Note: If you see water seeping out from beneath the tank head, please proceed to the next page for the solution.

Congratulations, Your installation is complete.
Water Leaking from Tank Head

Water leaking from the tank head collar indicates the head is either not tight enough, or that the O-ring became bunched.

Turn the shut off valve to the off position.

Disconnect the carbon filter tank from the system.

Slowly unthread the head from the tank approx. half a rotation.

You only need to expose a small gap between the tank collar and the tank head.

Fully re-tighten the head onto the tank. The O-ring will now be able to reseat.

Reconnect the tank to the system and proceed back to page 11 to test the system again.

Questions? Call (800)-589-5592