



Installation Instructions

Whole House Cartridge System CWH-1, CWH-2, and CWH-3

Our state of the art whole house cartridge system is an incredible alternative to the standard whole house carbon filtration system if you are looking to spend less up front, or if you're just short on space. Our whole house cartridge water filtration systems are designed and built using state of the art certified components and filtration.

**INSTALLATION VIDEO
SCAN HERE**



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



800-589-5592

WWW.SPRINGWELLWATER.COM

Whole House Cartridge System CWH-1, CWH-2, and CWH-3

System Contents CWH-1



5 Micron
Sediment-Filter
Cartridge



Carbon
Cartridge



2-Cartridge
Housing



2-Cartridge Mounting
Bracket



2 Silicone
Lubricants



Spanner
Wrench



2 Hardware Kits

System Contents CWH-2



5 Micron
Sediment
Salt Free
Cartridge



Carbon
Cartridge



2-Cartridge
Housing



2-Cartridge Mounting
Bracket



2 Silicone
Lubricants



Spanner
Wrench



2 Hardware Kits

System Contents CWH-3



5 Micron
Sediment
Salt Free
Cartridge



Carbon
Cartridge



VOC/Lead
Cartridge



3-Cartridge
Housing



3-Cartridge Mounting
Bracket



3 Silicone
Lubricants



Spanner
Wrench



3 Hardware Kits

System Compatibility



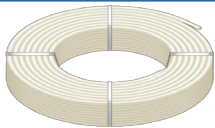
Corrugated Water Connectors



PVC



Copper



Pex

These instructions will feature a combination of PVC and threaded water connectors.
This system is compatible with multiple types of connections

Whole House Cartridge System CWH-1, CWH-2, and CWH-3

System Specifications



| CWH-1 | |
|------------------------|--|
| Tank Width | |
| Tank Height | |
| Flow Rate | |
| Connection Size | |
| Operating Pressure | |
| Operating Temperatures | |

| CWH-2 | |
|------------------------|--|
| Tank Width | |
| Tank Height | |
| Flow Rate | |
| Connection Size | |
| Operating Pressure | |
| Operating Temperatures | |

System Specifications



| CWH-3 | |
|------------------------|--|
| Tank Width | |
| Tank Height | |
| Flow Rate | |
| Connection Size | |
| Operating Pressure | |
| Operating Temperatures | |



Mounting hardware is not provided in the installation kit.



Plumbers tape is required when working with threaded connectors.



Shut off the water to the home prior to tapping into the plumbing.



Purge water pressure by opening the cold water on a tub faucet.



Installing a shut off valve ahead of your system is recommended to simplify future system maintenance.



Due to weight, be sure to mount to studs when installing in a wooden structure.



Identify the direction of water flow as it will affect the installation.

Whole House Cartridge System CWH-1, CWH-2, and CWH-3

Installing the Mounting Bracket

Required parts and tools.



Mounting bracket



Drill w/drill bit



Level



Pencil



Stud finder



Mounting hardware (not provided), and appropriate tools



1) Use a level to mark your installation area. If you are installing onto a wood structure be sure to mount to studs.



2) Use the mounting holes in the mounting bracket to mark the anchor points.



3) Pre-drill the anchor points using a drill bit aligned to your choice of mounting hardware.



4) Mount the mounting bracket to the installation area with the mounting hardware.



5) Once mounted the bracket should look like this.

Whole House Cartridge System CWH-1, CWH-2, and CWH-3

Mounting the Cartridge Housing

Required parts and tools.



and



3-Cartridge Housing



3 Hardware Kits

or



2-Cartridge Housing



2 Hardware Kits



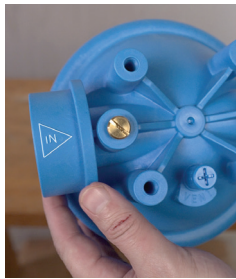
6) Slide the spanner wrench over a cartridge casing and rotate counter-clockwise to loosen. Repeat to loosen each casing.



7) Continue to twisting off the cartridge casing counter-clockwise to remove it.



8) Remove all of the cartridge casings isolating the top of the cartridge housing.



9) Identify the "IN" marking and the "OUT" marking on the ends of the cartridge housing.



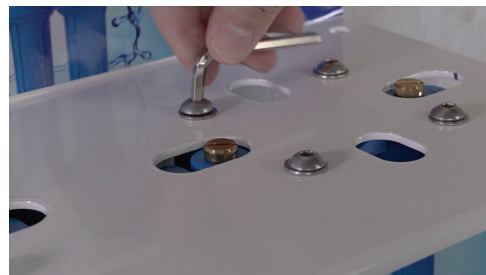
10) Locate the "VENT" valve located near the "IN" side of the cartridge housing and ensure it is fully tightened.



11) The cartridge housing will need to be mounted so the "IN" side connects to the water source and the "OUT" side leads into the home.



12) Finger tighten the provided screws and washers through the mounting bracket into the cartridge housing to loosely secure it. Don't fully tighten yet.



13) Once all the hardware is threaded into the cartridge housing use a 5mm Allen wrench to fully tighten the provided screws.



14) The mounted cartridge housing should look like this upon completion.

Whole House Cartridge System CWH-1, CWH-2, and CWH-3

Plumbing the Cartridge Housing

Required parts and tools.



Shut off valve
(recommended)

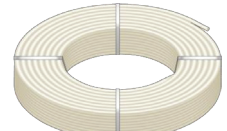


Plumbers Tape
(required)

Compatible plumbing options.



Corrugated Water
Connectors



Pex



Copper



PVC



15) In this example, a threaded PVC nipple coated with plumbers tape is connected to the "IN" side of the cartridge housing.



16) A shut off valve is recommended ahead of the "IN" side of the cartridge housing. This will make future cartridge replacements easier.



17) In this example, a corrugated water connector is used to connect the Whole House Cartridge System to the incoming water supply.



18) A PVC nipple w/plumbers tape and a corrugated water connector are connected to the "OUT" end of the cartridge housing. This connects into the home.



19) The cartridge housing is now plumbed into the home.

Whole House Cartridge System CWH-1, CWH-2, and CWH-3

Installing the Cartridges

Required parts and tools.



Spanner
Wrench



1 Silicone
Lubricant per casing



Cartridges will vary by system

5 Micron
Sediment
Filter
Cartridge

5 Micron
Sediment
Salt Free
Cartridge

Carbon
Cartridge

VOC/Lead
Cartridge



Cartridge Casings



20) Remove the packaging from each cartridge.



21) Insert each cartridge into a cartridge casing.



Correctly Seated

22) Cartridges will be slightly recessed when properly seated inside the cartridge casing. Repeat with all cartridges and cartridge casings.



23) Apply silicone lubricant to the O-ring at the top of the cartridge casing. 1 lubricant is provided per cartridge. Repeat with each cartridge casing.



24) Use a finger to evenly spread the silicone lubricant around the O-ring. Repeat with each cartridge casing.



25) The graphic on the cartridge housing mount will identify cartridge placements.



26) Insert the cartridge casing w/cartridge into its designated position and thread by turning clockwise.



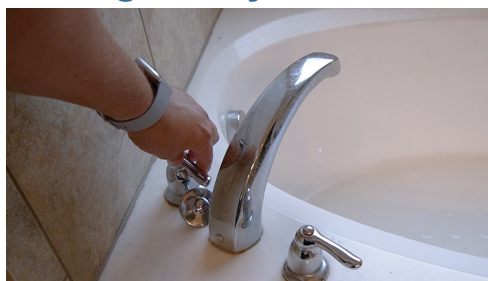
27) Use the spanner wrench to fully tighten the cartridge casing w/cartridge.



28) Repeat with each cartridge casing w/cartridge. The installation is complete and ready for testing.

Whole House Cartridge System CWH-1, CWH-2, and CWH-3

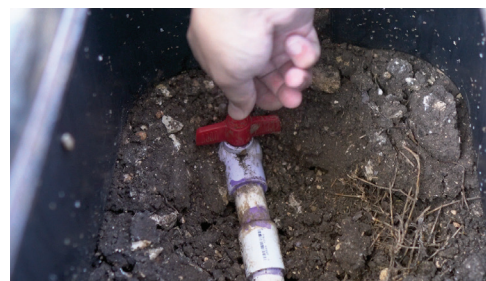
Testing the System



29) Open a cold water bath tub faucet.



30) If you installed a shut off valve, turn it to the closed/off position.



31) Restore the water flow into the home.



32) Inspect the incoming water connection and shut off valve for leaks. If no leaks are detected, proceed.



33) Open the shut off valve allowing water to flow through the Whole House Cartridge System.



34) Inspect the cartridge casings and connections for leaks. If necessary, use the spanner wrench to re-tighten cartridge casings.



35) Allow the bath tub cold water to run for 10 minutes. This will ensure the cartridges are fully flushed.



36) Congratulations. The installation is now complete.