SpringWell

WATER FILTRATION SYSTEMS

Replacement Instructions

Replacement Media – Carbon Filter

FOR MODELS: CF1, CF4

After 1,000,000 gallons or 10 years of using your whole house filtration system, you'll need to replace it with this media. This is our signature media used to filter out the contaminants and prevent channeling giving your water longer contact time which increases filtration.

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

800-589-5592

WWW.SPRINGWELLWATER.COM

Carbon Media Replacement

Scan for Installation video

Scan for Installation video

Or click HERE

Kit Contents

Carbon Media

KDF Media

Hose Bib Assembly

Tube Cap

Replacement Tank Head

Funnel

MNPT Fitting

IMPORTANT: Two Tank Versions

Note: There are two versions of carbon filter tanks in distribution. The difference is with the riser tube located inside the tanks.

- Vortech - Vortech tanks have a fixed riser tube inside of them that cannot be removed.
- Non-Vortech (image below) - Non-Vortech tanks have a removable riser tube inside of them.

During these instructions you will be removing the tank sleeve or tank jacket to identify the type of tank. There will be a large label at the base of the tank identifying Vortech tanks. There is a minor variation regarding the riser tube when performing the media replacement procedure with each type of tank.

Carbon Media Replacement

Note: The carbon filter tank will be disconnected for a minimum of 48 hours during this procedure.
However, water can still be used in the home.

Disconnecting the Carbon Filter Tank

1) Prior to disconnecting the carbon filter tank, the water pressure will need to be purged.

2) Turn on the cold water to a tub or shower.

3) Turn off the water to the water main.

4) Wait for the water to the tub or shower to stop flowing. This is purging the water pressure from the system.

5) Place the carbon filter bypass valve into the bypass position.

6) Unscrew the collars securing the bypass valve to the tank head.

7) Disconnect the bypass valve from the tank head.

8) The bypass valve will remain in place in the bypass position. Water can be restored to the home.

Tanks with Stainless Jackets

9) Unscrew the and remove the tank head. The old tank head will not be reused and can be discarded.

10) Lift off the stainless tank sleeve.

11) Inspect the tank looking for the Vortech label.

Carbon Media Replacement

Tanks with Neoprene Jackets

12) Unscrew the and remove the tank head. The old tank head will not be reused and can be discarded.

13) Unzip and remove the neoprene jacket.

14) Inspect the tank looking for the Vortech label.

Both Vortech and non-Vortech Tanks

15) Lay the tank on its side. The tank is very heavy. Carbon media slush will spill out.

16) Use a hose to flush out the carbon media from the tank.

17) As the tank gets lighter the contents can be dumped out.

18) Flush and repeat the process until all the media has been cleared.

19) The tank contains a significant amount of media which will be flushed out.

20) The media is non-toxic and can be disposed of in the garbage.

Non-Vortech Tanks

Note: Vortech tanks have a fixed tube that cannot be removed.

21) The riser tube in non-Vortech tanks is loose and will be removed while flushing media.

22) Keep the tube in a safe location as it is required for reassembly.

23) It will be reinserted into the tank once all the media is flushed out.

Carbon Media Replacement

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

Refilling Carbon Media

This step will require the materials listed below

Empty Carbon Filter Tank

Carbon Media

KDF Media

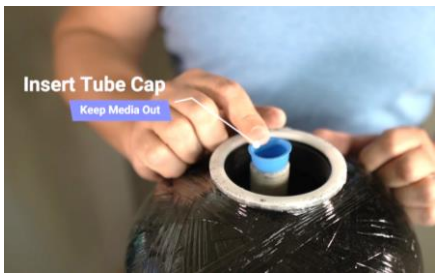
Funnel

Tube Cap

Replacement Tank Head

Both Vortech and non-Vortech Tanks

Note: The tube must be centered while adding carbon media.



24) The tube cap will need to be inserted into the top of the riser tube inside the tank to keep media out.

25) Place the funnel into the opening at the top of the tank.

26) The carbon media will be poured into the tank first.

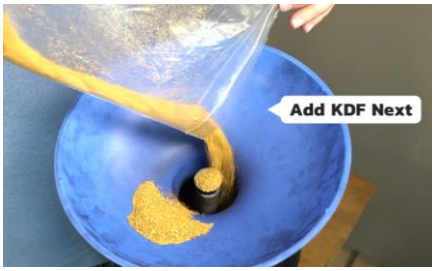
27) Pour the carbon into the tank using the funnel.

28) Hold the riser tube centered in the tank opening while adding carbon media.

Carbon Media Replacement

Both Vortech and non-Vortech Tanks

29) The KDF Media will be the second layer in the tank and will be poured in next.



30) Pour in the KDF Media while ensuring the riser tube remains centered.

33) Remove the funnel from the top of the tank.

34) Remove the cap from the riser tube inside of the tank.

35) If your tank has a stainless Jacket, it will need to be replaced now. Neoprene jackets will be installed later.

36) The new tank head will be installed next. DO NOT REUSE THE OLD TANK HEAD.

37) Align the opening under the tank head with the riser tube inside the tank.

38) Press the tank head onto the tube until the threads align with the tank opening.

39) Tighten the tank head onto the tank by hand.

40) To ensure it is fully tight, use a blunt handled tool, like a screwdriver for leverage, to fully tighten.

Carbon Media Replacement

41) Once the tank head is seated, do not attempt to unscrew it. This may cause damage causing media to seep into plumbing.

Carbon Soak Instructions

This step will require the materials listed below

Carbon Filter Tank

MNPT Fitting

Hose Bib Assembly

Lawn Hose Connected to Faucet

IMPORTANT! The carbon media in the tank must be soaked for 48 hours to activate it.

42) Connect the MNPT fitting into the inlet side of the carbon filter head.

43) Connect the hose adapter to the MNPT fitting.

44) Connect the hose to the hose adapter.

45) Turn on the hose and allow water to exit the outlet side of the tank. Water will be dark in color.

46) Disconnect the hose adapter and the hose from the tank head.

47) Set the tank aside and allow it to soak for 48 hours. DO NOT CONNECT TO YOUR SYSTEM YET.

Carbon Flush Instructions

This step will require the materials listed below

Carbon Filter Tank

MNPT Fitting

Hose Bib Assembly

Lawn Hose Connected to Faucet

IMPORTANT! The carbon media in the tank must be flushed prior to installation

48) THE MEDIA IN THE TANK MUST SOAK FOR 48 HOURS PRIOR TO PERFORMING THIS STEP.

Carbon Media Replacement

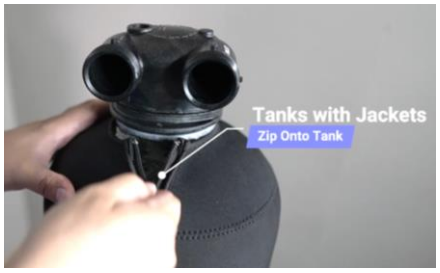
49) Connect the hose adapter and the hose to the inlet side of the tank head.

50) Run the hose and flush the tank for 3-5 minutes. Then the water can be turned off.

51) Relocate the connections to the outlet side of the carbon filter head.

52) Run the hose flushing the tank in the opposite direction for 3-5 minutes. Then the water can be turned off.

53) Disconnect the hose, adapter, and MNPT fitting.



54) If your tank has a neoprene jacket, it can be zipped around the tank now.

Reconnecting the Carbon Filter Tank

This step will require the materials listed below

Flushed and prepped Carbon Filter Tank

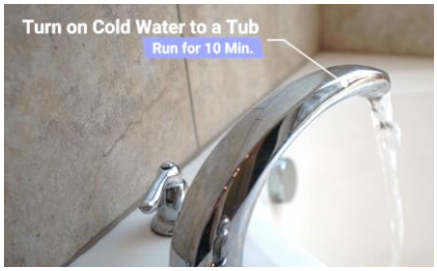
55) Position the carbon filter tank against the bypass valve still connected to your system.

56) Press the bypass valve connections into the tank head connections.

57) Tighten Both collars on the bypass valve to fully seat it into the tank head.

58) Turn off the bypass allowing the water from the system to flow into the carbon filter tank.

Carbon Media Replacement



59) Turn on the cold water to a tub or shower and allow it to flow for 10 min. It is normal to see a small amount of sediment during this step.

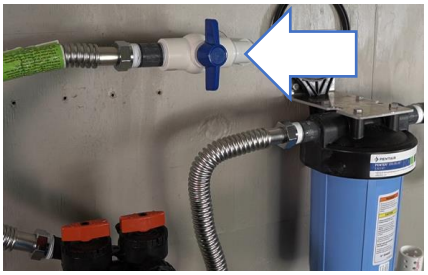
60) Inspect the tank collar for leaks. If you detect a water leak proceed to the next page for the solution.

61) The carbon media replacement is now complete.

Carbon Media Replacement

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 using the instructions on page 8.