



Chanson Water USA, INC.

Installation Guide for CF-3000/CF-6000

Water Dove Systems will not be ready for full use for 48-72 hours after install. Please plan you installation accordingly.

Chanson Water CF3000/CF6000 Whole House carbon filtration system

Product Specifications:

Specification Description	PC600	PC1000
Max Flow Rate	10 GPM	15 GPM
Minimum Working Pressure	25 PSI	
Maximum Working Pressure	80 PSI	
Maximum Vacuum	5 inch/127 mm Hg	
Operating Temperatures	36°F – 120°F	
pH Range	6 – 11	

Warning:

Read these instructions carefully and identify the location of all system components on the system and in the home prior to installation.

Check all plumbing and building codes for compliance.

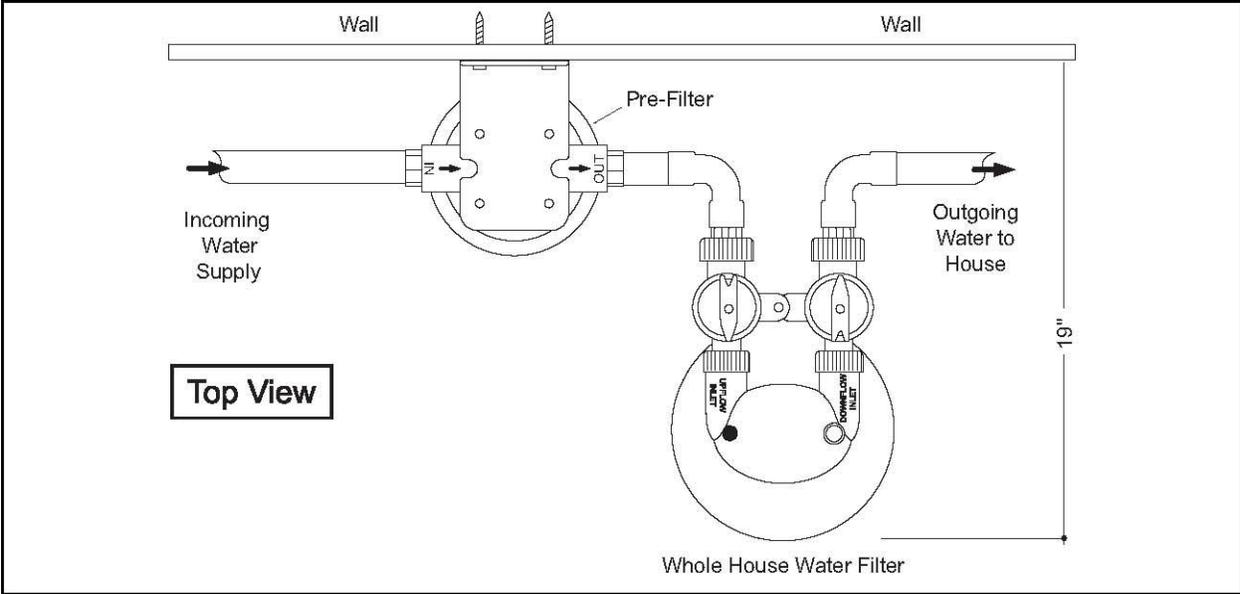
Install the Chanson Water Dove CF-3000/CF-6000 on the main water line.

Parts Included:



Note: Additional pieces may need to be purchased to adapt system to your specific plumbing needs.

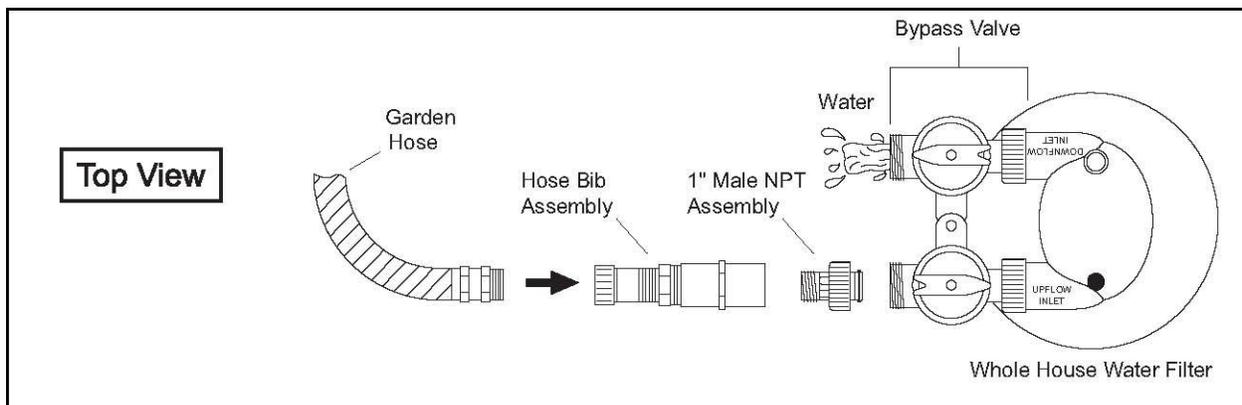
Carbon tank and pre-filter installation overview:



Carbon Tank Soak-

Your system will not be ready for use for a minimum of 48 hours after installation

During this process water will flow out of the down flow valve on the tank head. Please perform flush in an area that is suitable for water flow.

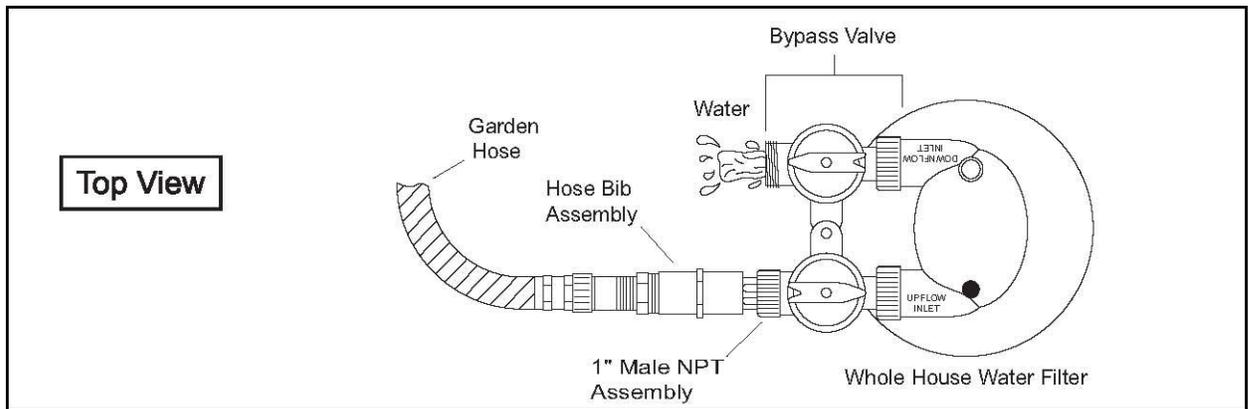


1. Attach garden hose to the hose bib assembly
2. Connect the 1" Male NPT assembly to the hose bib assembly
3. Connect the 1" Male assembly to the to the upflow inlet side of the CF3000/CF-6000 carbon tank bypass and valve and tighten
4. Fill the Water Dove tank until water comes out of the downflow bypass valve. Once water is flowing out turn off water.
5. Remove the garden hose from the hose bib assembly. Do not remove fitting.
6. Allow the carbon tank to sit for a minimum of 48 hours before tank installation.

Carbon Tank Wash

Warning: Do not perform the carbon tank wash until the soak is complete.

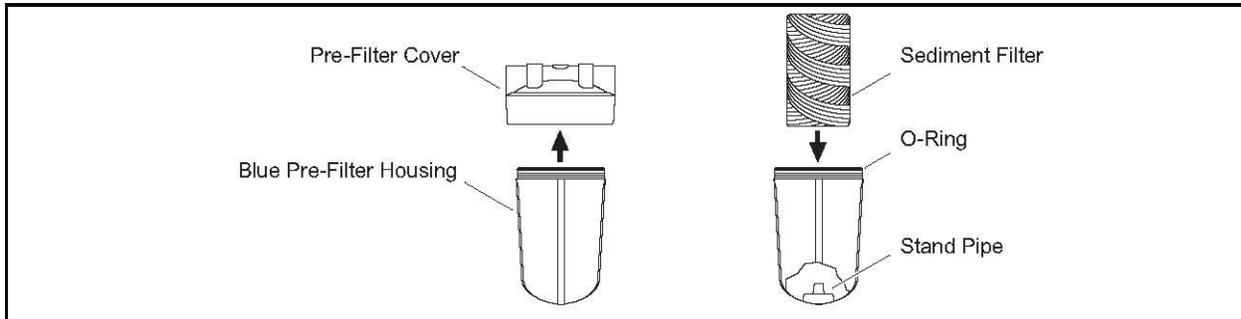
During this process water will flow out of the down flow valve on the tank head. Please perform flush in an area that is suitable for water flow.



1. Reattach the garden hose to the hose bib assembly.
2. Slowly turn on the water about a 1/4 of a turn- no more during the entire washing process.
3. Run the water through the "upflow" inlet of the bypass valve for 15-30 minutes until the water coming from the downflow is clean.
4. Turn off the water.
5. Remove hose bib assembly and the 1" male NPT (grey elbow) from the "upflow" inlet side and attach it to the "downflow" side of the bypass.
6. Run water for 1-5 minutes until it runs clear
7. Remove the hose bib assembly and the 1" male NPT (grey elbow) assembly and disconnect the garden hose.
8. Set aside the 1" male NPT assembly (grey elbow). It will be used in the final installation.

Installation:

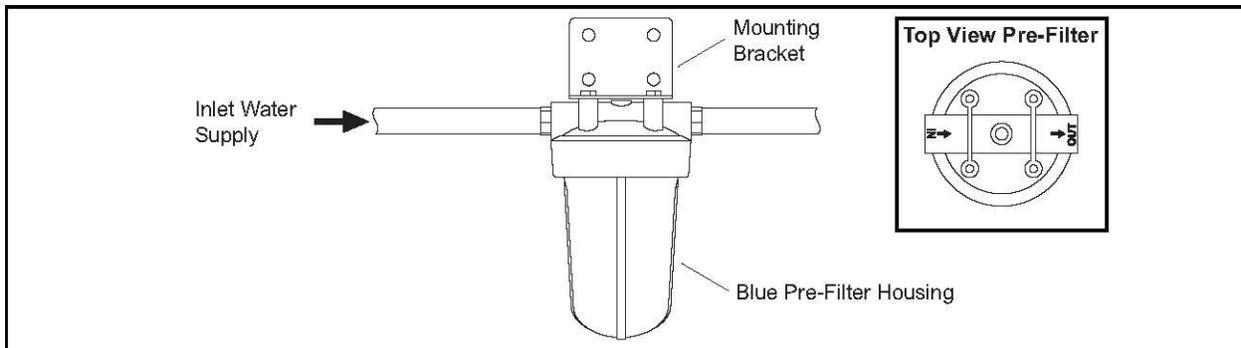
Pre-Filter Assembly



Chanson Water send these piece to our customers completely assembled, but recommend that the housing be dis-assembled in order to grease the o-ring previous to install.

Also these are directions for changing the sediment filter which we recommend changing every 6-12 months depending on your water quality.

Pre-Filter Installation:

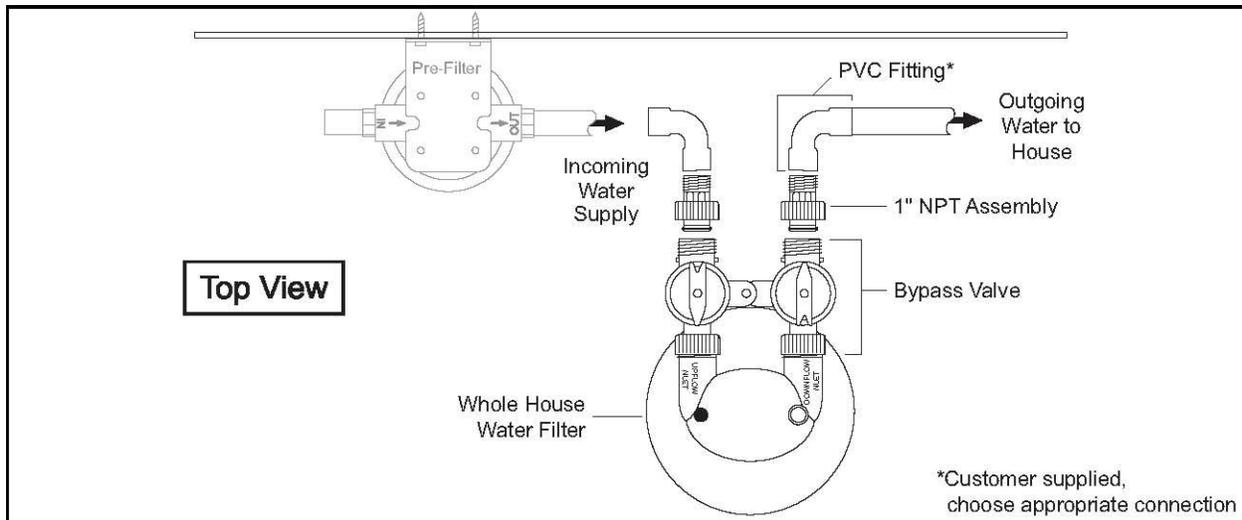


1. Shut-Off the water supply
2. Remove mounting bracket from pre-filter
3. Install the mounting bracket onto the wall
4. Re-install the mounting bracket onto the black cap of the pre-filter using supplied bolts
5. Lube o-ring with petroleum jelly or plumbers grease and then reinstall the blue housing onto the black cap
6. Tighten the housing to the cap using the supplied filter wrench

Water Dove system comes with 1" inlet and outlets. You may need to purchase to additional parts your installation.

Water Dove Tank installation

Make sure that filter tank is level



-Determine the pipe size of your homes plumbing system, and choose the appropriate plumbing fixtures to fit into the 1" inlet and outlet of the Water Dove.

-Do not over-tighten any fittings during installation process.

-Connect incoming water supply from the pre-fiter to the "upflow" inlet side of the bypass valve.

-Connect the outgoing water supply to the "downflow" inlet side of the bypass valve.

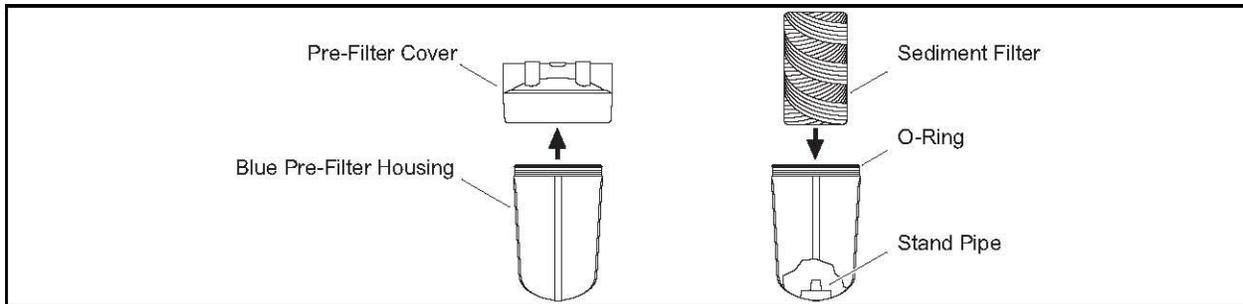
Complete the Installation:

1. Turn on main water supply to the house
2. Check for leaks
3. Peel off pull protective cover from tank jacket

Maintenance and Care for you Chanson Water Dove system

The CF3000/CF6000 will require a media change every five years. Please contact www.chansonwater.com to order your replacement media.

The Chanson Water sediment filter will need to be replaced every 6-12 months depending on source water. If you notice a decrease in pressure you may need to change your sediment filter.



How to change your sediment filter:

1. Shut-off main water supply and put tanks into bypass mode
2. Run a faucet in the home to release any back pressure.
3. Unscrew blue housing from black cap using the wrench provided to you.
4. Remove the o-ring, setting aside for later
5. Remove the existing filter and discard.
6. Rinse any particulate out of blue housing
7. Remove o-ring from blue housing and wipe off with clean towel.
8. Re-install the o-ring and lubricate using petroleum jelly or plumbers grease.
9. Make o-ring is seated properly in the housing before installing together. If o-ring does not seat properly you may pinch the o-ring and tear it.
10. Put the new sediment filter back into the housing
11. Screw the blue housing back onto the black cap using the wrench provided to you.
12. Turn main water supply back on, take tanks out of bypass mode and check for leaks.

Trouble Shooting:

Q. Water is leaking from the top of the tank head

A. The tank head comes pre-installed hand tightened. They may also loosen during shipping. Tighten tank head down.

Q. Tank leans to one side or the other

A. Lift tank off the ground six inches and tap it on the ground until it stands vertical.

Q. Water pressure is slowing in my home

A. We recommend the sediment filter be replaced every 6-12 months. If the pre-filter is clogged it can reduce the water pressure in your home.

Q. My water is grey or cloudy

A. The residual carbon dust can sometime mis-color the water. This will clear up in at most a week.

Q. I just installed my system and my water pressure is slow

A. High flow outlets such as bathtubs and utility sinks should be avoided in the first 72 hours after installation as they can suck the carbon media up against the basket inside the system. If you suspect this has happened turn off any running water for at least 10 minutes. This should resolve the issue