

5900S Sediment Filter Operation & Maintenance Manual

Thank you for purchasing a Clean Water System! With proper installation and a little routine maintenance your system will be providing sediment-free water for many years.

Please review this manual entirely before beginning to install your system, and follow the steps outlined for best results.

SEDIMENT MEDIA CONTAINS DUST.

USE PAPER MASK AND VENTILATE TO AVOID BREATHING DUST.

(Wet down media with spray bottle)

Helpful videos:

<https://www.youtube.com/channel/UC415QpvlRz-YAntxIMiel2w/videos>

Questions?

Call us toll-free: 1-888-600-5426 or 1-831-462-8500

Email us: support@cleanwaterstore.com

See more information on our website:

www.cleanwaterstore.com/resources



Table of Contents:

Packing List:.....	3
Sediment Filter 0.75 cubic foot size.....	3
Sediment Filter 1.0 cubic foot size.....	3
Sediment Filter 1.5 cubic foot size.....	3
Sediment Filter 2.0 cubic foot size.....	3
Sediment Filter 2.5 cubic foot size.....	3
Sediment Filter 3.0 cubic foot size.....	3
What to Do if Your Tank is Not Level:	3
Your System Install Flow Chart:	3
Pre-Installation:.....	4
Best Practices for Piping & Drain Installation:	4
Fig 1: How Your Sediment Filter Works:	5
Fig 2: Typical Installation:.....	6
Fig 3: 5900S Bypass/Service Positions:	7
Assembly and Installation Instructions:.....	8
Assemble the bypass valve:	9
Assemble the bypass valve:	9
Programming Your Valve:	10
Master Programming Mode:	11
Initial Backwash:	12
How to Start a Backwash Cycle:.....	13
Installation of System into Copper or Metal Pipe Systems:	13
Trouble Shooting:.....	14
Backwash Flow Rate:	14
Error Codes:	14
How to Remove Media from Control Head:	14
Unplugging the Control Valve During a Backwash:.....	15
General Maintenance:	16
Drain Line Flow Control Housing:	16
Powerhead Assembly:.....	18
Valve Body Assembly:	19
Water Filters/ Softeners/ Conditioners Limited Warranty:	20

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Packing List:

All systems include: 5900S control valve, bypass assembly with 1" connector yoke and power supply.

Sediment Filter 0.75 cubic foot size

8" x 44" filter tank with distributor tube
Media funnel for adding the Sediment media
8 lbs. Filter gravel
0.75 cubic feet of Sediment media

Sediment Filter 1.0 cubic foot size

9" x 48" filter tank with distributor tube
Media funnel for adding the Sediment media
12lbs. Filter gravel
1 cubic foot of Sediment media

Sediment Filter 1.5 cubic foot size

10" x 54" filter tank with distributor tube
Media funnel for adding the Sediment media
16lbs. Filter gravel
1.5 cubic feet of Sediment media

Sediment Filter 2.0 cubic foot size

12" x 52" filter tank with distributor tube
Media funnel for adding the Chemsorb media
20 lbs. Filter gravel
2.0 cubic feet of Chemsorb media

Sediment Filter 2.5 cubic foot size

13" x 54" filter tank with distributor tube
Media funnel for adding the Chemsorb media
35 lbs. Filter gravel
2.5 cubic feet of Chemsorb media

Sediment Filter 3.0 cubic foot size

14" x 65" filter tank with distributor tube
Media funnel for adding the Chemsorb media
50 lbs. Filter gravel
3.0 cubic feet of Chemsorb media

What to Do if Your Tank is Not Level:

Your black filter tank base is not glued to the bottom of your tank. Occasionally tank bases will become crooked during shipment. If you find that that your tank does not sit level on the floor, you can easily adjust it by holding the empty tank and rapping it on a concrete or solid floor once or twice to level it.

Your System Install Flow Chart:

- 1) Verify that you have received all parts for your system and there are no damaged or missing parts.
- 2) Build the filter vessel, and fill with water and four ounces of chlorine bleach. Build the filter near to where it goes, it will be very heavy when you are done.
- 3) Make the plumbing connections from your existing system to the bypass assembly, installing extra valves, unions, pressure gauges or hose bibs as needed.
- 4) Attach the control head to the tank, and to the bypass assembly.
- 5) Install the Drain Line tubing and the DLFC
- 6) Plug in the power supply and program the valve.
- 7) Follow the Initial Backwash instructions.

Pre-Installation:

1. Review your packing list and make sure you have received all the parts before beginning installation.
2. If you are going to be turning off the water to the house and you have an electric water heater, shut off the power to the water heater before beginning installation in case water heater is accidentally drained.
3. Pick a suitable location for your filter system on a dry level spot where it won't be exposed to freezing temperatures. A minimum of 30 PSI is required. Maximum pressure is 90 PSI.
4. Get all of your plumbing parts together before beginning installation. Installation typically takes 3 to 5 hours. However, after installation the Sediment Filter must be allowed to run through a complete backwash and rinse cycle.
5. After the system is installed and running, your water may be discolored, or full of sediment or rust, particularly if this is older or corroded piping. This typically clears up over a day or two.

Best Practices for Piping & Drain Installation:

1. See typical installation on (Fig 2). The Sediment Filter is installed after the pressure tank.
2. Make sure to connect the IN pipe to the 5900S inlet and the OUT pipe to the outlet (see Fig 2). As you face the 5900S control from the front, the water enters on the right and exits on the left. From the back (see Fig 3) the water enters on the left. The inlet and outlet are attached to the bypass valve, which is marked with arrows as well.
3. Make sure there is a working gate or ball valve before the 5900S Sediment Filter and also one after as shown in Fig 2. The pressure gauges are optional and perhaps not necessary but a hose bib (which is a faucet that you can attach a garden hose to) is strongly recommended after the Sediment Filter and before the second ball valve. This makes it easy to rinse your new Sediment Filter on start-up and gives you a place to test the water before it enters your household plumbing.
4. If you will be using copper piping, do not sweat the copper pipe directly on to the 5900S control valve. Avoid heating up the 5900S control valve plastic with the torch.
5. You do not need unions to install your 5900S control valve. If you need to remove it, the 5900S has quick-release couplings that make it easy to put the Sediment filter on by-pass and remove the filter system from the piping.
6. The drain line tubing (not supplied) is connected to a drain from the drain outlet using flexible 5/8" ID tubing. The drain can run up above the control head and out to a drain, although this may require installing a one way, flapper-style check valve. Most plumbing codes require an air-gap connection, so that if your sewer or septic tank backs up, it cannot cross connect with the drain tubing (if running tubing into the washing machine drain pipe, for example).

Fig 1: How Your Sediment Filter Works:

Water enters the top of the sediment filter tank (red arrows) and flows down through the media and up the distributor tube (blue arrows). The downflow type sediment filter removes sediment and can be backwashed, which cleans and re-classifies the media, preventing channeling. During backwash the flow of water is reversed and water flows down the distributor tube and up through the media, lifting and expanding the sediment media. During the backwash the media is cleaned by the action of water flowing through it.

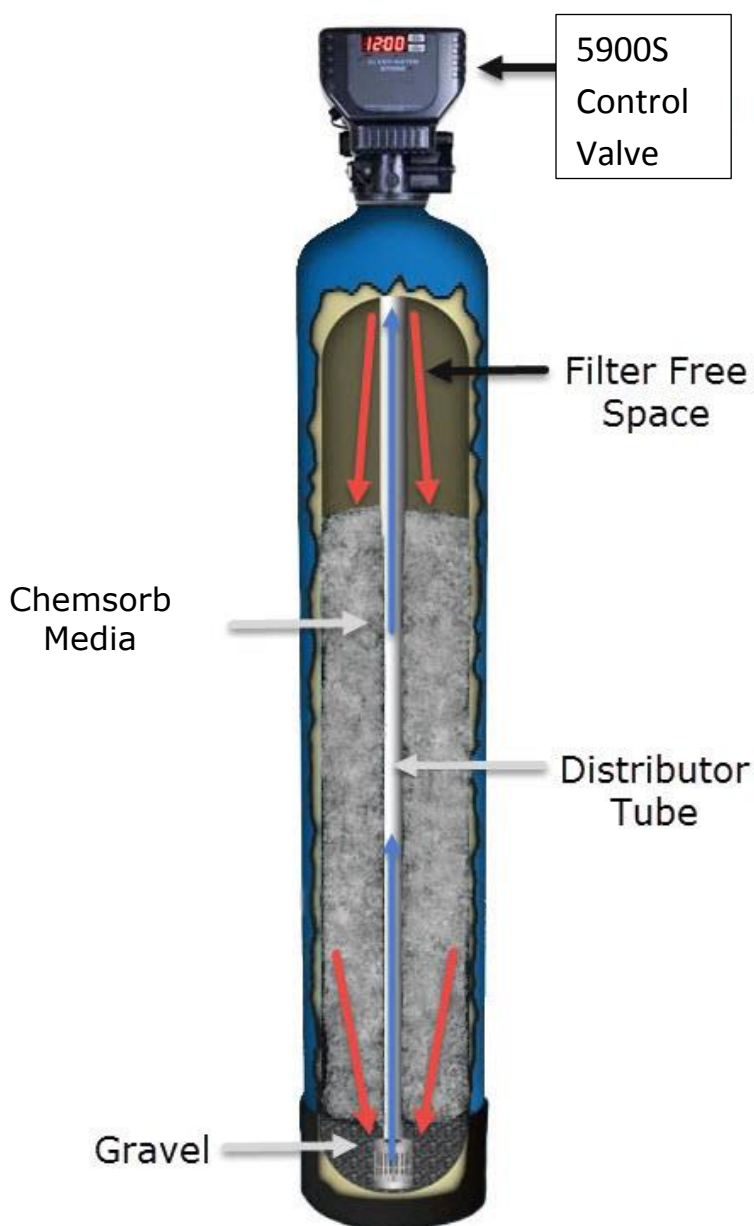


Fig 2: Typical Installation:

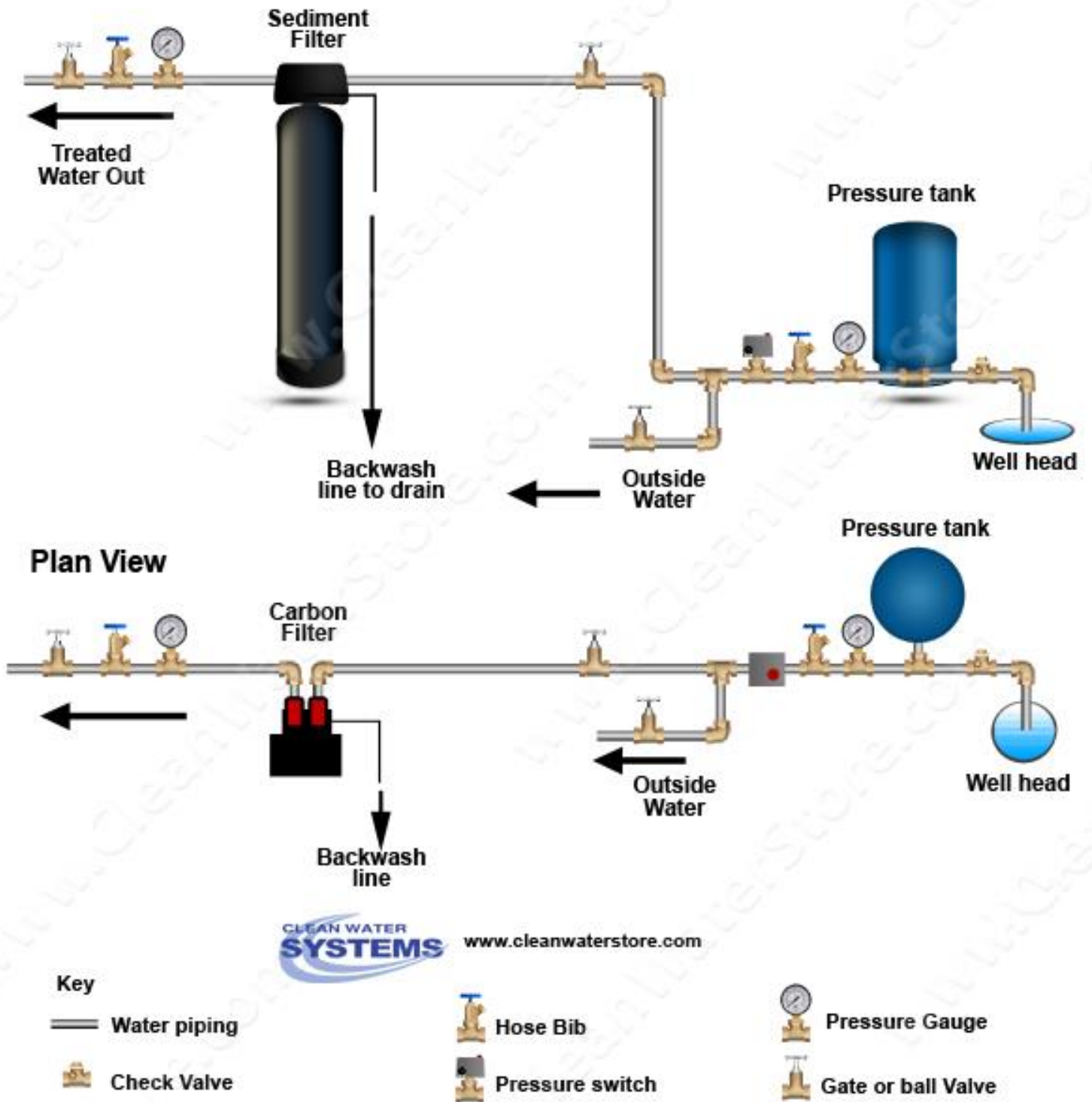
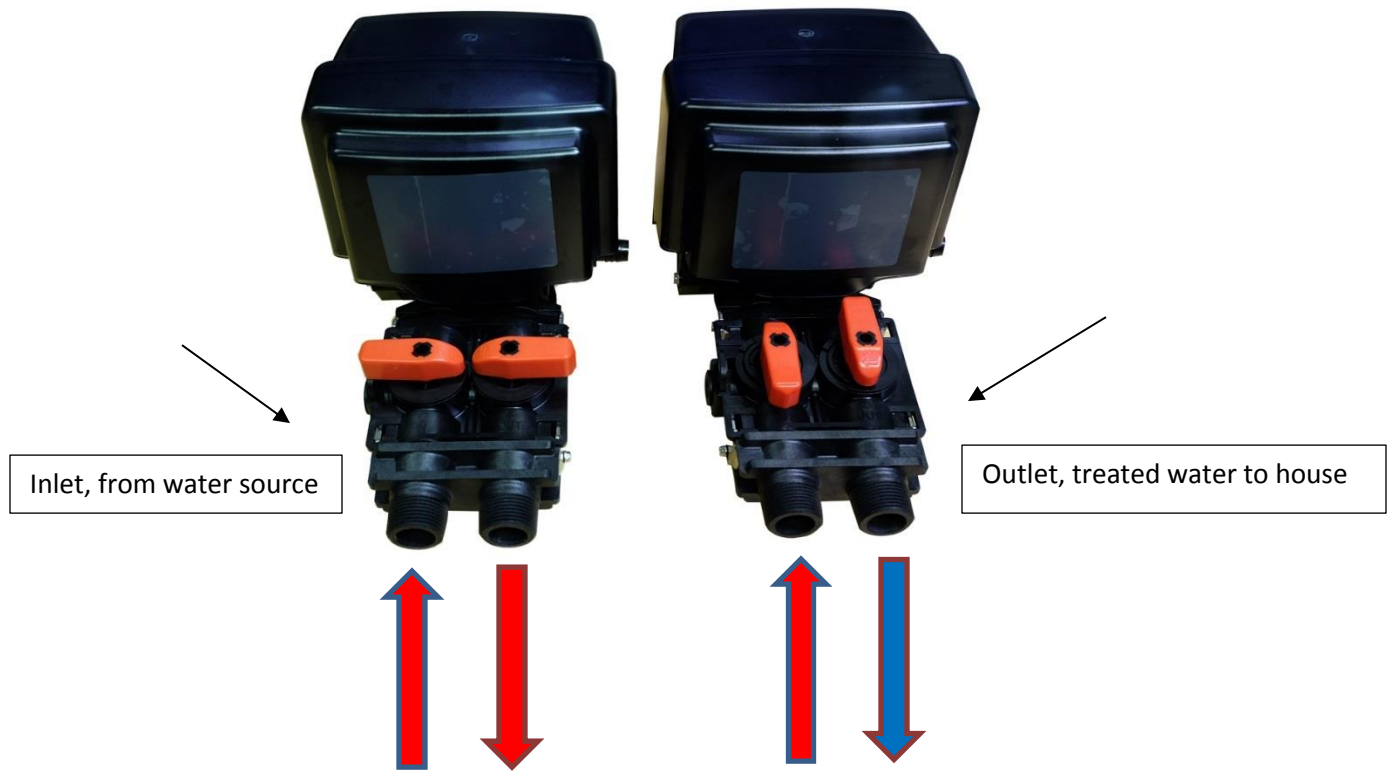


Fig 3: 5900S Bypass/Service Positions:



ON THE LEFT: FILTER IS BYPASSED!

ON THE RIGHT, FILTER IS IN SERVICE!

Assembly and Installation Instructions:



Note: There are two style/types of funnels that get shipped. One looks like this picture, and you need to follow the instructions shown. If you receive a **black** funnel, you will see that it fits over the top of the distributor tube when you are filling the tank with media; it is not necessary to use tape.

Wrap the top of distributor tube with black electrical tape or blue painter's masking tape so that no gravel or Chemsorb media will go down the distributor tube when adding the media. Also, leave a folded tab of tape that you can grab onto to and gently pull off the tape after filling the tank. Test fit the distributor tube; there is a divot on the tank bottom that it seats into. Make sure it is correctly seated, and that the distributor tube is flush with the tank threads. When you are ready to screw the valve head on, apply silicone lubricant to the outside of the distribution tube, and the O-ring on the control valve where the tube goes in.

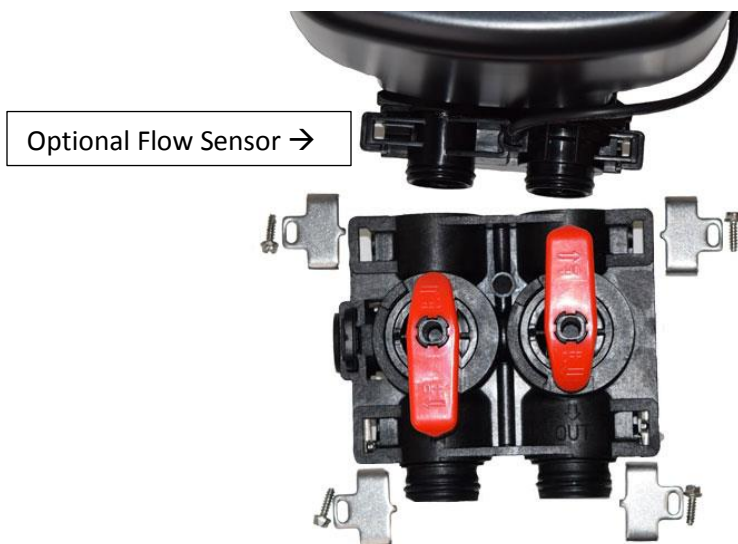
1. Add the filter gravel that came with your order. You want the gravel to cover the bottom distributor screen before adding the Sediment media.
2. Next add Sediment media. The tank will be about 2/3 full of media, do not fill past 2/3rds, even if there is some extra media left over.
3. Remove cap or tape from top of distributor tube. **Be careful not to pull up distributor tube up!**
4. Fill tank completely with water. Add 4 ounces chlorine bleach.
5. Add a small amount of silicone grease to the tank threads and screw on 5900S control valve. You must push down on the valve body to make the O-ring pass over the distributor tube as the male and female threads start joining. Do not use pipe-joint compound, vegetable oil, Teflon tape, or Vaseline or other petroleum greases to lubricate O-rings or tank threads.

Fig 4: 5900S Bypass and Barrels clips



The “yoke end” of the bypass comes pre-assembled; you do not need to take it off. If you plumb with hard pipe (PVC, Copper) and it leaks at this point, then it is likely caused by Pipe Deflection- this is why the use of flex lines is strongly encouraged.

Fig 5: Bypass and steel mounting clips



Assemble the bypass valve:

The red handles are slightly arrow-shaped; the pointed end is pointing in the direction of flow when open. The Inlet valve (on the left) turns clockwise, from full open at “12:00 o’clock”, to fully closed at “3:00 o’clock”. The Outlet valve turns clockwise from “6:00 o’clock” full open to “9:00 o’clock” full closed. The valves are stiff when new, so open and close them a few times. Leave them closed for now.

If the valve you are attaching the bypass to has a flow sensor (Figure 5), lube the two O-rings and push the bypass assembly onto the flow sensor, and attach the steel mounting clips and screws.

If it does not, lubricate the O-ring on the barrels on the 5900S, push on the bypass, and secure the steel clips.

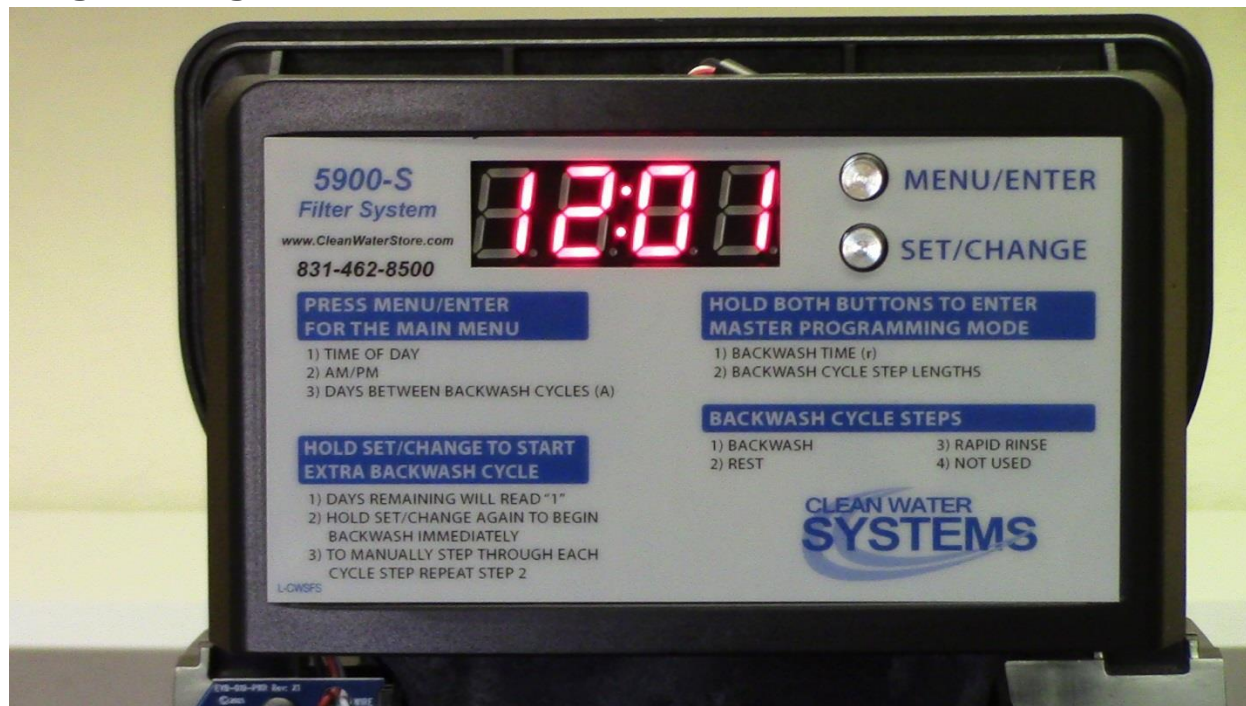
Join your water pipes to the 1” MPT connectors. Make sure the pipe from the well or street is connected to the 'In' pipe connector on the bypass valve and the pipe going to the house (or next filter) is on the “Out” pipe connector.

Connect some flexible tubing from the drain connection on the 5900S control valve to a suitable drain such as a septic tank or drain to a sewer. It is OK to run the drain line up and over the 5900S Sediment Filter up to 4 feet above the top of the tank. If the drain line will be more than 20 feet, use larger diameter tubing such as ¾" or 1".

You must be able to be able to run the drain line into a bucket to test the backwash flow rate in the future. This is why hard piping the drain line is discouraged. If you do use hard PVC piping for the drain line, you must be able to remove the hard PVC drain piping and attach flexible tubing for testing purposes. Make sure the drain tubing is firmly clamped to the barbed fitting with a hose clamp to prevent leaks.

Next, you will need to program the system to work as a Sediment Filter.

Programming Your Valve:



*While scrolling through numbers, it only increases the value. To decrease the value, you will have to “go all the way around” to get back to a lower value.

1. To enter main menu press the Menu/Enter button (Time of day will flash)
2. To set time of day press the Set/Change button (First digit will begin to flash)
 - To change digit value, press the Set/Change button (Next digit will flash)
 - To accept the digit, press the Menu/Enter button (Once hours is accepted all digits will flash)
3. With all digits flashing press the Menu Button to set A.M. or P.M.
4. To Set Regeneration Frequency Press the Set/Change Button
 - The recommended setting for a Sediment filter is every 6-7 days

- Once the last digit is accepted all digits will flash
 - If value is set to 0, automatic regeneration will never occur
5. To exit menu press the Menu/Enter button

Note: If no buttons are pressed for 60 seconds or longer the menu will automatically be exited.

Pressing and holding the Menu/Enter button will also access some options: **Flo**- this is the flow rate, if water is running, it will display the volume, in gallons per minute. **Gt r**- This the total # of gallons that has gone through the filter. **g tot**- this is the same as the previous. **rC r**- number of regeneration done. **rC**- the same. **gPdL**- shows how many gallons used each day. **Gbrl**- is the gallons used between regenerations. **PfDL**- This shows the peak, or highest flow rate that has passed through the filter in the last 24 hours. Note that these options only work with a flow sensor.

Master Programming Mode:

Entering Master Programming Mode

-To enter Master Programming Mode press and hold both buttons for 5 seconds.

1. Regeneration Time (r)

Press the Menu/Enter Button. The next display viewed is the option setting for Regeneration Time. It is identified by the letter 'r' in the left digit. **We recommend setting the system to backwash at 2 AM**, or at any time that it is unlikely that any water will be used. The first digit(s) indicates the Hour and the other digit indicates A.M. or P.M.

2. Regeneration Cycle Step Programming (1)(2)(3)

(Regeneration and "Backwash" are the same thing; "backwash" is also the name of the first step in the cleaning, or regeneration, cycle)

Set each step according to the values below, appropriate for a Sediment filter:

- 1 10 minutes. This is the Backwash cycle. [1 - 10]
- 2 5 minutes. This is the Rest cycle. [2 - 05]
- 3 6 minutes. This is the Rapid Rinse cycle. [3 - 06]

Blue Tooth: Look for the Legacy app on your smart phone to activate the Bluetooth app. **You do not need** to download the app, it is just for monitoring the display readout from your phone or iPad. After Cycle Step Three above, when you press the menu/enter button, the display will show bE 1 ; press the menu/enter button again, the display shows: bTPP and then changes to 1234. Press the menu/enter button, and now you are back to the home service screen (displaying the clock time and the number of days until backwash).

Exiting the Master Programming Mode

Press the Menu/Enter Button until all steps have been viewed. The Program Mode will be exited and normal operation resumed. If no buttons are pressed for 60 seconds or longer in Master Programming Mode, it will be exited automatically.

Initial Backwash:

- 1 If days remaining is not already at 1 press and hold the Set/Change button. Now, press and hold the set change button again, until the valve begins the backwash cycle and the display reads 1 – 10.
- 2 Start to put the valve into the service position by turning the Inlet bypass knob counter-clockwise about a quarter inch, until you can hear water passing through the bypass into the filter. Stop and wait until you see water coming out of the drain line. It will often be mixed with air bubbles, which need to be purged out. When you do not see bubbles anymore, keep opening the valve, a little bit at a time, stopping for a minute or two each time. You want to see a corresponding increase in flow out of the drain line as you increase the flow of water into the filter. After several minutes, you should have the valve fully open, and with no media coming out.
- 3 Verify that the backwash flow corresponds with the size of your system below. Run the drain line tubing into a bucket. Use a watch verify the flow rate in gallons per minute. An adequate backwash is critical to properly clean the Chemsorb media and prevent it from becoming fouled, clogged, or creating channels.

0.75 CF	5 GPM	2.0 CF	10 GPM
1.0 CF	5 GPM	2.5 CF	12 GPM
1.5 CF	7 GPM	3.0	15 GPM

- 4 Wait for the rest of the steps to finish (Backwash, Rest, Rapid Rinse).
- 5 Press and hold the Set/Change button advance to the “Service” position. Next, open the outlet on the bypass valve and then open the nearest treated water faucet to the unit and allow the water to run until it is clear. We advise using a bathtub, laundry sink, or other fixture that does not have an aerator screen as any remaining residue may get caught in the screen.

Congratulations, you are done setting up your valve!

How to Start a Backwash Cycle:

This is the same as Step 1 above; Press and hold the Set/ Change button until it shows 1, and then release the button, and press and hold it again until the motor starts.

Advancing through cycles: Press and hold the Set/ Change button until the display changes. Wait until it stops at the next step, and press the button again, to continue.



Installation of System into Copper or Metal Pipe Systems:

If your new filter system is to be installed in a metal (conductive) plumbing system, i.e. copper or galvanized steel pipe, the plastic components of the system will interrupt the electrical continuity of the plumbing system.

Thus, any stray currents from improperly grounded appliances downstream or potential galvanic activity in the plumbing system can no longer ground through the contiguous metal plumbing.

Some homes may have been built in accordance with building codes, which encouraged the grounding of electrical appliances through the plumbing system.

Consequently, the installation of a bypass consisting of the same material as the existing plumbing, or a grounded "jumper wire" bridging the equipment and reestablishing the contiguous conductive nature of the plumbing system must be installed prior to your systems use. This is simple and easy step to take if you are installing your water treatment system into copper piping. A simple ground jumper wire with a pipe clamp can be purchased at any Home Center, or hardware store etc. for a few dollars.

Trouble Shooting:

Backwash Flow Rate:

One problem that may occur is if you do not have enough backwash flow rate to properly clean the Sediment filter. You can verify the backwash flow rate by running the drain line into a bucket and timing it when the valve is in backwash (Refer to chart on page 12).

Error Codes:

There are five (5) error codes that could indicate a possible problem with the control valve:

Error 2 - Homing slot expected. Valve will start looking for home (Normal operation continues).

Error 3 - Encoder is not sending a signal (Valve requires service to continue).

Error 4 - Unable to find homing slot (Valve requires service to continue).

Error 5 - Motor overload (Valve requires service to continue)

Error 6 – No Power to Motor (usually this means the cable has come loose)

How to Remove Media from Control Head:

Sometimes, when doing the Initial Backwash, the media gets lifted up into the control head. You can tell this happened because you will have little or no flow, either going out to drain while in the backwash position, or when in the service position.

- 1) Put the Inlet Bypass in the Closed position.
- 2) Start a manual regeneration/ backwash.
- 3) Advance the valve past the Backwash and Rest steps and wait for the valve to stop at the Rapid Rinse (RR) position.
- 4) With the valve in the RR position, open and close the Inlet Bypass valve several times. After the third or fourth time, leave it halfway open and check the drain line. If yes, then open the valve the rest of the way, and make sure you still have flow. Close the inlet valve.
- 5) With the Inlet Valve OFF, Advance the valve back to Service position again, and again press and hold the Set/Change button, we are putting the valve back to the Backwash position.

6) Open the Inlet valve just enough so you can hear the water passing thru the valve- you should notice a corresponding slow flow out of the drain line. After a minute, if there are no air bubbles present, open the valve about another quarter inch- again, you should see a corresponding increase in the flow... And you will continue until the valve is full open.

Unplugging the Control Valve During a Backwash:

Any time that you are in the Backwash or Rapid Rinse position, you may need to unplug the power- this will hold the valve in its current position, so it doesn't 'time out' and go to the next position.

When you plug the valve back in, after a minute it will return to where it was when you unplugged it (i.e. 02 remaining in BW). Understand, it is not possible to jam media into the head while in Rapid Rinse, or Service, just in the Backwash, when the flow direction is reversed.

What you are trying to accomplish, after you have pushed the media back in to the tank in the Rapid Rinse position, is to get the Inlet valve all the way open in the Backwash position, without it jamming media back in the head.

At this part, you must go slow. Open the Inlet valve a little bit at a time and let it run for a few minutes. Therefore, you may have to unplug it- and then, once you have done that, finally, do one more backwash, starting with the Inlet valve open, just as it will be when it does it automatically at night. Once it does that successfully, you are done.

Flow Sensor Option:

If you purchased the flow sensor option, refer to the following to program your valve:

Press and hold both buttons for five seconds. The display will change to: [r 2A] This is the factory preset, it is indicating that the valve will start the backwash at 2 am.

If you wish to change the value, press and release the set/change button; the A will flash, and pressing the set/change button again will change it from A to P (am to pm). Press menu enter when you have selected A or P, and now the 2 will be flashing, press the set/change button to change the time, and press menu/enter when done. Now, all of the display will be flashing the current stored value.

Press menu/enter again and the valve displays A 07. This is the number of days between backwashes, when the backwash is not triggered by the gallons amount reaching zero on the flow sensor. For Carbon, Sediment and Neutralizer filters, this should be set at 7 days. For Pro-Ox, it should be set every 4 days.

Now you will program four cycle steps:

- 1) Set for ten minutes. (1 10)
- 2) Set for zero minutes. (2 00)
- 3) Set for 6 minutes. (3 06)
- 4) Set for zero minutes. (4 00)

After you press the menu/enter button at cycle step 4, the display will read c 027. Set this at c 020. The next menu item will display P-25. Change this to P-00.

Pressing menu/enter will return you to the service screen. Press and release the menu/enter button, and the clock time will flash. Set the clock time, and then select A or P for am or pm. Then (after pressing menu/enter) the screen will display H -25. Change this to H- 20.

Now, when you return to the service screen, the valve will display the clock time and 1000. This means that the unit will count down from 1000 gallons, and will backwash at the preset time on the day the gallons count down to zero.

Whatever number you entered in c, is divided by the number you set for H, remembering that c is in 1000's. c 020 means 20,000. $20,000/20 = 1,000$. So, by changing those values, you can increase or decrease the gallons amount.

General Maintenance:

The sediment in your raw water will slowly leave deposits that will build up over time on the inside of the valves. This buildup will eventually cause some type of valve failure- piston jammed, water coming out the drain line when in the service position. Before it gets that bad, the seals and spacers and piston should be removed and cleaned and inspected and replaced as needed.

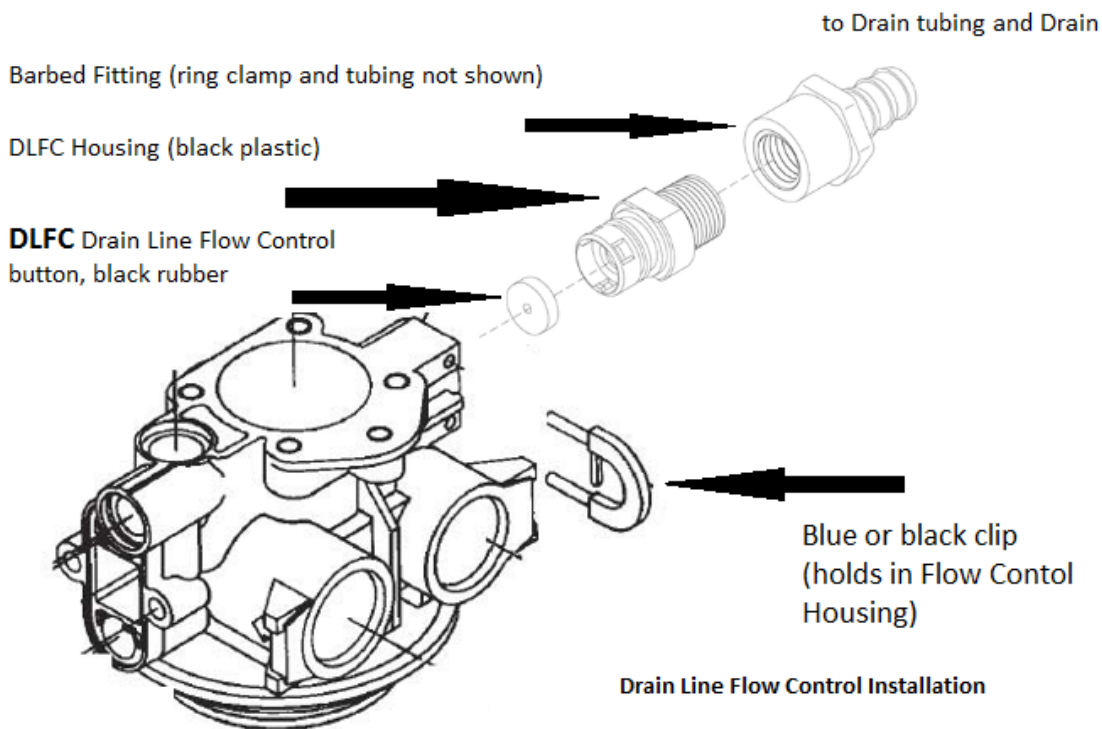
The 5900S valve is easy for anyone to work on, you only need to remove a few screws. We have videos to show how it is done, and our staff can answer any questions by phone or email.

How long it will take for deposits to build up depends entirely upon your water chemistry; obviously, water with a lot of sediment and iron and manganese is going to cause buildup faster than water that has only trace amounts of iron and nothing else. If you check it after one year, the condition of the inside will help you determine, after that, the frequency that you need to do this (the manufacturer recommends once a year, as a blanket policy).

Drain Line Flow Control Housing:

DRAIN LINE FLOW CONTROL BUTTON & HOUSING:

This has already been installed, you need only attach your tubing and secure it with a ring clamp. If it leaks where the clip inserts, remove the clip and re-insert the fitting. **You must do this with the cover off** and you must be looking at where you are inserting it. The hex nut part of the barb hits the bottom plate and you must push against that, while you push and twist the DLFC housing, to get it to seat.



Drain Line Flow Control Installation

Remove the black plastic Flow Control Housing from the control valve (remove blue or black clip first).

Install the DLFC button. Make sure the beveled edge is facing the flow coming out of the valve.

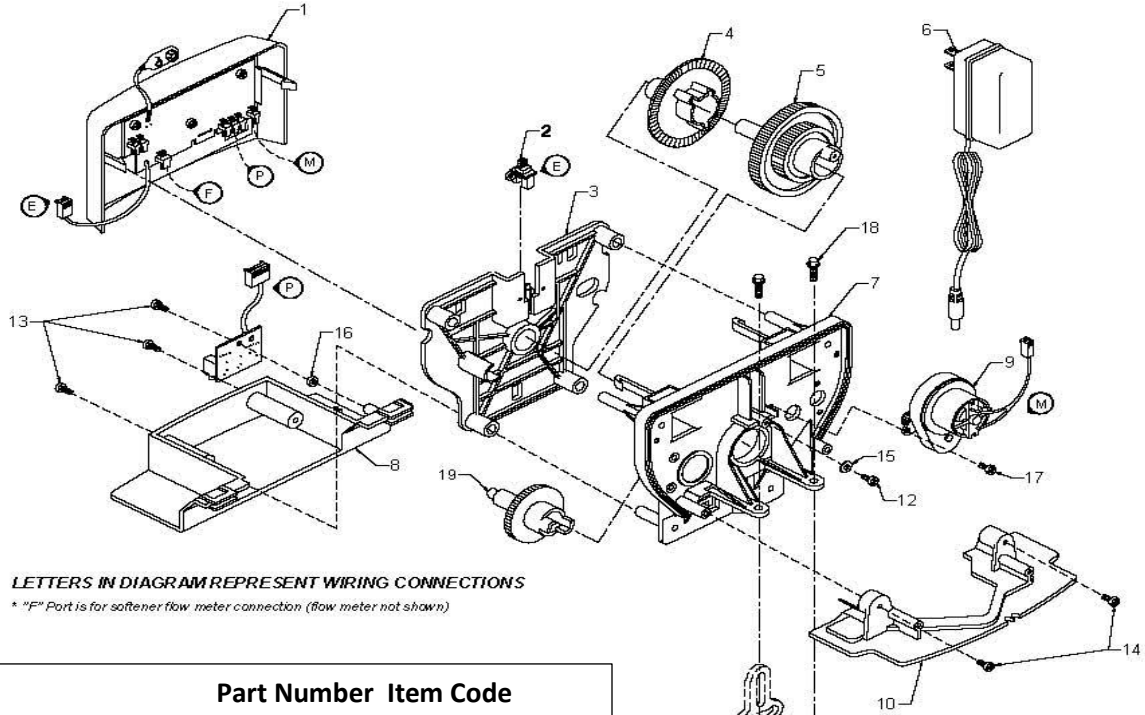
Use 2-3 wraps of teflon tape and use paste on the male thread of the housing, then screw on the female x barb adaptor. Push on the tubing and secure with a ring clamp.

Lube the O-ring on the Housing and make sure you are pushing the whole assembly back into the valve **STRAIGHT**, or you will roll or tear the O-ring on the housing. Insert, and twist and push at the same time, and it will seat properly. Replace the blue or black clip.

Control valve body (cutaway view)

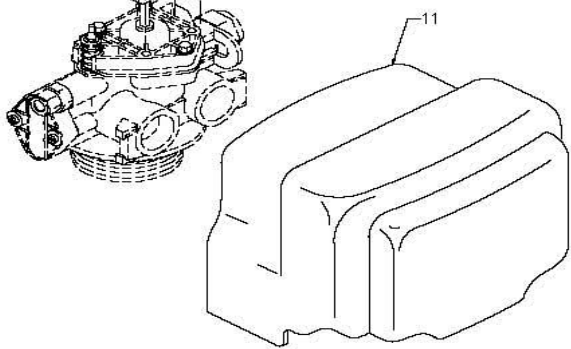
Questions? Call us at 1-888-600-5426 or email support@cleanwaterstore.com

Powerhead Assembly:



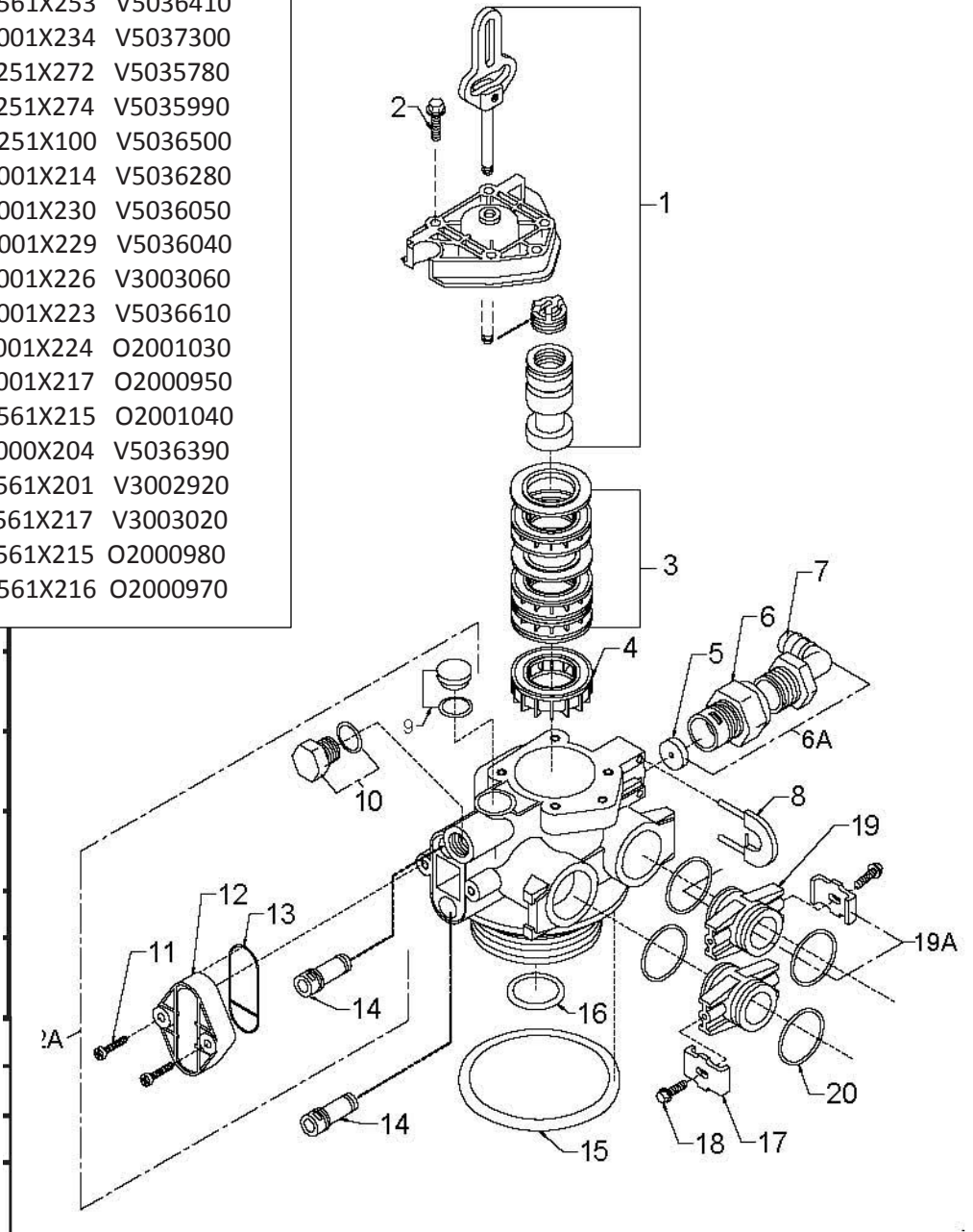
LETTERS IN DIAGRAM REPRESENT WIRING CONNECTIONS
 * "F" Part is for softener flow meter connection (flow meter not shown)

Description	Part Number	Item Code
0 Timered Power Head Assy.	21001X100	V5037310
0 Metered Power Head Assy.	21003X100	V5037320
1 Filter Circuit Board Assy.	21002X102	V5037250
2 Encoder	20001X124	V5036550
3 Front Plate	20001X004	V5037330
4 Encoder Wheel	20001X007	V5037340
5 Main Gear	20001X120	V5036260
6 Power Supply	20001X125	V5036100
7 Back Plate	20001X005	V5037350
8 Lower Front Base for Cover	20111X002	V5037360
9 Motor	20001X113	V5036680
10 Lower Back Base for Cover	20111X003	V5037370
11 Valve Cover	20111X000	V5037380
12 Piston Screw	20001X003	V5033050
13 Screw	SC10	V5037390
14 Screw	SC9	V5037400
15 Piston Washer	20001X002	V3003040
16 Washer Circuit Board	20111X014	V3003070
17 Screw Motor	SC2	V5037410
18 Valve Hex Screw	20001X001	V5037420
P Power Supply Circuit Board	EVB-019-PWR-BT	V5037430



Valve Body Assembly:

Description	Part#	Item Code
1 Piston Assembly	20001X231	V5036380
2 10-24 X 13/16" Screw	20001X226	V3003030
3 Seal and Spacer Kit	20561X253	V5036410
4 End Spacer	20001X234	V5037300
5 Flow Control Button 5.0 GPM	20251X272	V5035780
5 Flow Control Button 7.0 GPM	20251X274	V5035990
6 Plastic Flow Control Housing	20251X100	V5036500
8 Drain Retainer	20001X214	V5036280
9 O Ring & Brine Valve Cap Assembly	20001X230	V5036050
10 O Ring & Filter Plug Assembly	20001X229	V5036040
11 10-24 X 1 Screw	20001X226	V3003060
12 Injector Cap	20001X223	V5036610
13 Injector Seal	20001X224	O2001030
14 Injector Plug & O Ring Assembly	20001X217	O2000950
15 O Ring	20561X215	O2001040
16 O Ring	2000X204	V5036390
17 Mounting Clip	20561X201	V3002920
18 8-18 X 5/8" Screw	20561X217	V3003020
19 Adapter Coupling w/O-ring	20561X215	O2000980
20 O Ring	20561X216	O2000970



Water Filters/ Softeners/ Conditioners Limited Warranty:

We warrant this water filter/ softener/ conditioner, when installed according to factory recommendations, to be free from defects in materials and workmanship as follows:

-----Limited Warranty-----

This water conditioner unit is comprised of the finest industry components available. Each individual component used in the assembly of our equipment is covered by the original equipment manufacturer's warranty. All components, except those specifically listed below, are warranted for a period of one (1) year from date of installation to the original purchaser to be free of defects in materials and workmanship subject to the manufacturer's conditions and/or the conditions shown below.

-----Mineral Tanks-----

The fiberglass, polyglass or composite mineral tanks used in the assembly of this unit are warranted to be free of defects in materials and workmanship for a period of ten (10) years on 6" – 13" size tanks, and five (5) years on 14" and larger size tanks used for softener/filtration applications, subject to the manufacture's conditions and/or the conditions shown below. Warranty does not cover exposure to weather, freezing, fractures caused by external impact, or exposure to vacuum.

-----Control Valves-----

The CWS control valve is warranted to be free of defects in materials and workmanship for a period or seven (7) years, subject to the manufacturer's conditions and/or the conditions shown below. Fleck & other brand control valves have 5-year warranty.

-----Conditions-----

1. This warranty only covers water conditioners installed for residential use. Water conditioners installed for commercial or industrial applications are guaranteed for one (1) year from the date of installation.
2. Installation must be made in accordance with legal or local codes and manufacturer's recommendations.
3. Failure must not result from exposure to weather, rodents, misuse, alteration, fire, lightning, power surges or neglect.
4. Water pressure must not exceed 100 PSI and water temperature must not exceed 100 degrees.
5. Subject to the above terms and conditions we will replace and/or repair, at our option, any parts of the water conditioner found defective in materials and workmanship. Defective parts must be returned, freight pre-paid for repair or replacement.
6. This warranty does not cover labor, shipping charges, damages caused by delays of consequential damages or other causes beyond our control. Warranty does not cover pipes, fixtures or appliances. Warranty extends to the actual water conditioner components only.
7. This warranty is to the original purchaser and is not transferable after the third year to any subsequent owner(s).
8. No other guarantees or warranty, expressed or implied, is applicable to our product. No repair or replacement made under the terms of the warranty shall extend this warranty.