

ABCwaters Fleck 5600SXT Water Softener Install Guide



Written by 602abcWATER

Start Here

Step 1 – Confirm All Product Components



Open your packages and confirm that you have received all the correct components. If you are missing any of the listed items below, please contact us at 602.222.9283.

Package Contents

- 1 – Mineral tank prefilled with resin
- 1 – Brine tank
- 1 – Fleck 5600sxt metered valve
- 1 – 1" Threaded Yoke
- 1 – Bypass
- 1 – Blue 602abcWATER bag (ABCwaters brand listings only)
 - 1 – Small tube of silicone lubricant
 - 1 – Sanitizer packet
 - 1 – Water hardness test strip

* Not included but required – Salt, Teflon Tape, fittings to connect softener to your plumbing & ½" ID drain line. Please be sure to visit our website for installation resources to assist you during your install.

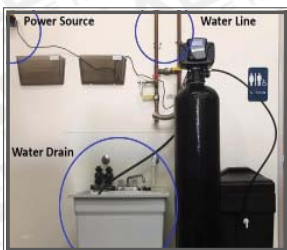
Phone: 602.222.9283 – Monday thru Friday 7am to 4pm Arizona time.

Email: support@602abcwater.com

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Valve to Mineral Tank

Step 2 – Plan Your Water Softener Location



Plan where to position your water softener system:

1. Position 5 ft. from power source to operate
2. Requires water drain for disposing of water
3. Requires access to home's main water line

Step 3 – Begin Assembly: Fleck Valve to Mineral Tank



1. Apply silicone lube to small inner O-ring.



2. Attach top basket to the bottom of the Fleck 5600sxt valve. Insert large end of basket into groove and turn clockwise into locking position.



3. Apply a thin layer of the provided silicon to large 'O'-ring located outside of threads.



4. Connect the Fleck valve to the mineral tank. Be sure to carefully line up the meter's top basket to the mineral tank's distributor tube.

The mineral tank's distributor tube should fit inside the top basket. Once aligned, screw on Fleck meter to mineral tank's threads. Hand tighten until tank starts to spin. Do not hold tank and over tighten valve.

Meter & Valve Assembly

Step 4 – Connect Bypass to Fleck Meter



1. Apply silicone lube to the 2 'o'-rings on the valve and make connection. We also recommend applying silicone to the inside of the female end on the bypass valve.



2. Position metal clips to clamp over the connection point and fasten with screw. Because the connection is O-ring sealed, it's important not to overtighten the screw. Overtightening will cause damage to the plastic assembly.

Step 5 – Connect Yoke to Bypass



1. Apply silicone lube to the 2 'o'-rings on the male connection on valve. Again, we also recommend applying silicone to the inside of the female end of the yoke prior to connecting.
2. Position both metal clips to clamp over the connection point and fasten screw. Remember not to over tighten screws.

Attach Tank Lines

Step 6 – Attach Drain Line to Fleck Meter



1. Wrap threaded connection point with 3-4 wraps of Teflon tape. Install provided plastic barbed fitting.
2. Install drain line (not included) to barbed fitting (found on Fleck valve) with a stainless hose clamp (not included). Drain line should extend to a main drain to dispose of waste water.

Step 7 – Connect Brine Line to Fleck Meter



1. Prep brine line prior to install using brass nut, plastic Ferrule & brass tube insert.



2. Connect provided brass nut to the Fleck valve. Be careful not to overtighten. Overtightening will cause damage.

Step 8 – Connect Brine Well to Tank Side Wall



1. Locate predrilled hole in brine tank. Fasten brine well to side wall of brine tank using the white overflow elbow & plastic nut.
- * This is preinstalled on Space Saver version.

Almost Finished

Step 9 – Connect Brine Line to Safety Float



1. Insert 3/8" brine line through brine well predrilled hole to connect to the safety float. Push brine line in push-connect fitting on top of safety float.

Step 10 – Connect Valve to Home Water Line



1. Connect your home's input water line to the Fleck meter through the port with 'arrow' pointing toward the meter.
2. Connect the remaining port with 'arrow' pointing away from meter to the home's incoming water line.

Step 11 – Connect Meter to Power Source



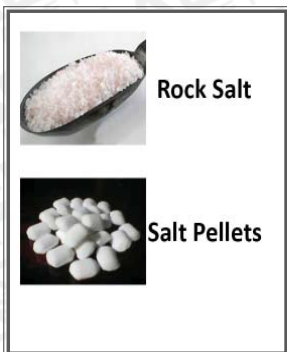
1. Plug in the Fleck 5600sxt digital meter to a power receptacle. Your power source should be less than 5 feet in distance from the Fleck meter.



2. Turn bypass to 'in service' and let the tank fill slowly. Turn on the closest cold water faucet to softer to bleed air from tank.

Programming

Step 1 – Confirm All Product Components



1. Add 3 bags of salt pellets or rock salt along with 5 gallons of water to the brine tank.

* Add only 2 bags if using a SPACE SAVER system.

Programming Your Hardness Water Softener

Step 1. Conduct hardness test with test strip provided.

Step 2. Press & Hold both 'Up' & 'Down' arrows together until screen changes to DO (Day Override). This may take 5 seconds before change.

Step 3. Select # of days for DO. We suggest 14 days. Press 'Cycle' button (icon of arrows in diamond pattern) after days are set.

Step 4. Set Regeneration Time (RT). We suggest setting to 2:00am. This is the time that the system will regenerate. Press 'Cycle' button after setting time.

Step 5. Set Hardness (H). Based on hardness test number. Press 'Cycle' button after set.

Step 6. Reserve Capacity (RC) should be set at 75 gallons per person in household. Example: 2 people x 75 gal = 150 reserve capacity. Press 'Cycle' button to complete.

Contact 602abcWATER

Our company is managed by water professionals with over 25 years of combined experience. Our goal is to provide you and your family with the best equipment available in the industry, offer a support experience that is second to none and have fair pricing that everyone can afford. If you have any questions about which equipment is right for your home, or have installation questions, give us a call.

We are located in Phoenix Arizona. We accept walk in orders from local residents. We offer support via email, phone, text or video chat. Technical support is available Monday thru Friday between the hours of 7am to 4pm AZ time.

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Products That Compliment Water Softeners

We want to thank you for choosing our business for your water treatment needs. We would like to show our gratitude by offering a limited time discount on your next purchase. Please call us within 30 days of purchasing your water softener system and you will receive a 5% discount on one of the following product lines listed below:

Drinking Water Filtration

Reverse Osmosis Systems

<http://602abcwater.com/reverse-osmosis-systems/>

Whole House Filtration

Carbon Upflow Systems

* 30 day time limit is based on our purchase invoice date.