Fleck 5600SXT Water Softener
Install Guide

Written by 602abcWATER
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

Link to installation video
https://youtu.be/AKdENN_oSCo

* 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.

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**Phone:** 602.222.9283 – Monday thru Friday 7am to 4pm Arizona time.
**Email:** support@602abcwater.com
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 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 overtighten 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. DON’T OVER TIGHTEN

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. Over-tightening 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

There are 2 different types of safety valve connections. One is a compression fitting type and the other is a push-to-connect fitting.

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 softener 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.

**Note during normal operations it is normal for the water level to be anywhere from 1/3 to 2/3 full of water, depending on the salt level at the time of regeneration.

Programming Your Hardness Water Softener

Step 1. Conduct hardness test on your water to obtain this number.

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.
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.

23910 N. 19th Ave., Ste. 8  Phone: 602.222.9283
Phoenix, Arizona 85085  Email: support@602abcwater.com
Web: www.602abcwater.com  Text or Facetime: 602.321.0145

Manual Overview

How To Use This Manual
This owner’s manual is designed to provide the homeowner with instructions on performing routine care and maintenance of the residential water softener or filter valve and control packaged with this manual.

This manual does not include instructions regarding service or troubleshooting of the valve, control, or other components of a residential water conditioning system. Please contact your local water treatment professional with questions or concerns about the operation or performance of your water conditioning system. This manual can be found on our website.

Icons That Appear In This Manual

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
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<tbody>
<tr>
<td>🚨 WARNING 🚨 Failure to follow this instruction can result in personal injury or damage to the equipment. Note: This will make the process easier if followed.</td>
<td></td>
</tr>
<tr>
<td>🚨 WARNING 🚨 There are no user-servicesable parts in the AC adapter, motor, or controller. Do not attempt to remove or repair individual components.</td>
<td></td>
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<tr>
<td>🚨 WARNING 🚨 Use only the power transformer supplied with this water conditioning system.</td>
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<tr>
<td>🚨 WARNING 🚨 The power outlet must be grounded and always on. If it is necessary to disconnect power, unplug the adapter from its power source.</td>
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<tr>
<td>🚨 WARNING 🚨 Only fill the brine tank with salt designed for water softening.</td>
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<tr>
<td>🚨 WARNING 🚨 Ambient temperature surround the system should be between 35°F (1°C) and 120°F (49°C)</td>
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<tr>
<td>🚨 WARNING 🚨 Water temperature flowing through the system should be between 35°F (1°C) and 100°F (38°C)</td>
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California Proposition Warning

🚨 WARNING 🚨 This product contains chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.