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.

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

Package Contents

1 – 5 stage reverse osmosis system
1 – Sediment filter (preinstalled chamber 1)
2 – Activated charcoal carbon filters (preinstalled chamber 2 & 3)
1 – Thin film membrane filter (preinstalled in chamber 4)
1 – Inline carbon filter
1 – Lead-free chrome faucet
1 – 4 gallon storage tank
1 – White ¼” water line & 1 ¼” black drain line
1 – Blue 602abcWATER bag
   1 – Small tube of silicone lubricant
   1 – Sanitizer packet

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
Step 2 – Plan Your Reverse Osmosis Placement

Placement should be located under sink. This is the time you clear away all items located under your sink to make room for the new RO filter system and 4-gallon tank. Do not install yet. You will need room to prep the install prior to placement.

Step 3 – Position RO Faucet & Install

This installation requires drilling into your faucet area surface. Take special precautions attempting to drill into certain materials such as granite, porcelain, and cast iron to name a few. We have a granite counter top. We had a professional drill the hole prior to this installation. If you are able to drill into your counter, use the following:

1. First, choose the position for your RO faucet and mark for drilling.

2. Use a ½” drill bit. Apply pressure when drilling but with caution not to bend the steel.

3. Insert the RO faucet into position. Be sure to use the supplied black gasket & faucet cover. The rubber gasket should be covered by faucet cover.
Step 4 – Fasten RO Faucet & Connect Water Line

1. Fasten the RO faucet to the counter top by connecting the supplied washer & hex nut from underneath the sink.

2. Next, prep an end of the supplied white water line. Locate the supplied white plastic tube insert and ferrule, as well as the compression nut.

3. Be sure to connect the items on the water line in order. First slide the compression nut over the water line. Then slide the ferrule just over the end of the water line. Then insert the plastic tube insert.

4. Line up the water line to the connection point of the RO faucet. Be sure the tip of the water line is inserted slightly with the ferrule positioned to limit the depth. Slide over the compression nut to the threads and fasten.
Step 5 – Install Drain Saddle on Your Drain Pipe

The RO system will need to filter out and drain unpurified water. This step will require you to drill a hole into your existing sink drain pipe. You will need ¼” drill bit.

1. Find a good install location for the drain saddle and mark a spot for drilling. The ideal drain hole location should be positioned near the top side of a horizontal straight pipe just beyond the drain trap.

2. There’s typically little room to position the drill directly over the top of the drain pipe, so positioning in an angle is fine. Just be sure to get as close to the top of the pipe as possible.

3. Before installing, place the supplied padded gasket to the inner wall of drain saddle lining up holes.

4. After drilling the drain pipe hole, install drain saddle into position. **Tip for lining up drain saddle port with the drain pipe hole:** Insert a drill bit or screw into the drain saddle port hole. Use the screw as a guide to locate the drilled hole and to help hold in place while you fasten the nuts & bolts of the drain saddle.
Step 6 – Close Off Cold Water Valve

1. Shut off the cold-water line valve that feeds the main faucet. Open the main faucet to the cold position to drain the water from the line.

2. Next, disconnect the cold-water line from the faucet connection point. Be prepared for some water spill so have a towel and small catch container available.

Step 7 – Prep & Connect Shut-Off & Easy Valves

1. First, locate the supplied Shut-Off valve and the Easy Valve. Connect the shut-off valve to the easy valve. Use Teflon tape on the threaded end of the shut-off valve prior to connecting.

2. Next, connect the easy valve assembly to the cold-water line and the cold-water faucet connection that you disconnected earlier in Step 6.

You won’t be required to use Teflon tape to make this connection.
Step 8 – Connect RO Feed Line to Shut-Off Valve

1. Connect the supplied white water line to the shut-off valve. Remove the compression nut from the shut-off valve and slide the nut over the water line.

2. Push the water line on the shut-off port. Be sure to pass the rib to assure the connection. Slide compression nut to threads and fasten.

Step 9 – Install Membrane

1. You need to install the membrane filter in the 4th stage filter canister. Disconnect the tube from the canister’s lid by using your finger tips to pull back the quick connect collar while removing the water line from the port.

2. Remove the canister lid. Then remove the plastic from the supplied membrane filter. Insert the end with 2 black ‘o’-rings into the canister until the filter connects.

3. Connect the canister lid. Then insert the water line back into the quick connect port to complete the filter install.
Step 10 – Install RO Filter System & Tank

1. We suggest positioning RO system against side wall out of the way under the sink. Leaving unfastened is fine because it’s easier to move when needed.

2. Next, place the storage tank & stand on the opposite side of bay from the RO filter system.

Step 11 – Connect Water Feed Line to RO

1. Connect the opposite end of the cold-water line feed that you installed previously in step 8 to the RO filter system. Special Note: Be careful to conserve enough water line to use on additional water line connections.

2. Install the water line to the RO connection point located on the right side of the stage 1 sediment filter canister. The quick-connect port is labeled “IN”.

Special Note: If you need to release the water line from connection. Use your finger tips to push in the quick-connect collar while pulling the water line out.
Step 12 – Connect Drain Line

1. Locate the supplied black drain line.

2. Connect one end of the drain line to RO quick-connect port. The RO’s drain quick-connect is located behind the Stage 4 membrane canister.

3. Connect opposite end of the drain line to the drain saddle that you installed previously in step 5.

Step 13 – Connect RO Faucet to RO Filter System

1. Connect the opposite end of the RO faucet water line to the RO filter system.

2. Insert water line into the quick connect port located on the left side of the stage 5 inline filter.
Step 14 – Connect Storage Tank to RO

1. Wrap Teflon tape around threads on storage tank. Next, install the supplied plastic shut-off valve to the top of the storage tank.

2. Connect one end of the supplied white water line into the tank’s plastic shut-off valve.

3. Connect opposite end of the water line to the RO filter system. The RO quick-connect port is located on the right side of the stage 5 inline filter.

Step 15 – Open Cold Water Valve

1. The installation of your new reverse osmosis drinking water system is now complete. It’s time to turn on your water to check your connections.

2. Open the cold-water valve back to the ‘On’ position.

3. Turn your RO faucet to the on position while the system begins to fill. Once you see a slow stream of water flow from your RO faucet, turn RO faucet to off.

4. Let the RO system fill up for an hour.
Step 13 – Fill & Flush RO System

After filling your RO system for an hour or two, turn your RO faucet on to begin flushing out the initial gallon.

Your first gallon of purified water may have a grey color initially. This is caused from the carbon filter sediment that may be present. This is just temporary.

Once you see the water change to clear you’ll be able to begin enjoying your new purified filtered water.

Filter Replacement

You have a 5-stage reverse osmosis drinking water system. This means you have 5 filters that will require future replacement. We recommend that you mark each filter with a sticker that displays the filter change date.

The first 3 stages of filters (1 Sediment & 2 Carbon) are typically changed every 6 months to 1 year depending on usage.

The 4th stage (thin film membrane) filter is typically changed every 2 years.

The 5th stage (carbon inline) filter is typically changed every 12 months.
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 a Reverse Osmosis

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:

**Whole House Water Softener**
ABCwaters built Fleck 5600sxt Water Softener System

**Whole House Filtration**
Carbon Upflow Systems

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