

Drinking Water Kit with Air Gap & Non Air Gap Faucet for RO and RO/DI Systems



INSTRUCTIONS

WARNING

Please read carefully before proceeding with installation. Failure to follow any attached instructions or operating parameter may lead to the product's failure and possible damage to property.

SpectraPure[®] Inc. assumes no responsibility for water damage due to leaks. It is the user's responsibility to determine that the system is leak-free.

Thank You for your purchase of a SpectraPure® System. With proper installation and maintenance, this system will provide you with high quality water for years to come. All SpectraPure® products are rigorously tested by us for safety and reliability. If you have any questions or concerns, please contact our customer service department at 1.800.685.2783 or refer to our online troubleshooting at www.spectrapure.com.

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OPERATIONAL SPECIFICATIONS

RO Feed water requirements

Operating Pressure:	40-80 psi (2.75-5.5 bar)
pH Range:	3-11
Max. Temperature:	113°F (45°C)
Max. Feed Turbidity:	1.0 NTU
Max. Silt Density Index:	5.0 (based on 15 min. test time)
Maximum Chlorine:	< 0.1 ppm
Maximum TDS:	2000 ppm
Maximum Hardness:	10 grains (170 ppm as CaCO ₃)
Maximum Iron:	< 0.1 ppm.
Maximum Manganese:	< 0.1 ppm.
Maximum Hydrogen Sulfide:	0 ppm
Langelier Saturation Index (LSI):	must be negative

NOTE: MOST MUNICIPAL WATER SUPPLIES MEET THE ABOVE REQUIREMENTS. IF WELL WATER IS USED, PLEASE MAKE SURE THAT YOU OBTAIN A WATER TEST BEFORE INSTALLATION.

NOTE: THE OPERATING PRESSURE IN YOUR HOME SHOULD BE TESTED OVER A 24 HOUR PERIOD TO OBTAIN THE MAXIMUM PRESSURE. IF IT IS ABOVE 80 psi THEN A PRESSURE REGULATOR WILL BE REQUIRED.

CONTENTS OF DRINKING WATER KIT

- | | |
|---|--|
| (1) Pressurized Storage Tank | (1) Inline Carbon Block Filter |
| (1) Air Gap Faucet (with parts bag) | (1) Feed Water Adapter |
| – (1) Galvanized Flange | (1) Drain Saddle |
| – (1) Rubber Washer | (1) Ball Valve with Tee (for the top of tank) |
| – (1) Flat Metal Washer with “U” Cutout | (1) Automatic ShutOff Valve (ASO) with check valve |
| – (1) Plastic Spacer with Cutout | (1) Ball Valve |
| – (1) Flat Metal Washer | (1) Tee (Used to dispense RO water before the DI.) |
| – (1) 1/4" Quick Connect Plastic Tubing Adapter | (refer to page 9) |



IF ANY OF THE ITEMS LISTED ABOVE ARE MISSING PLEASE CONTACT SPECTRAPURE PRIOR TO INSTALLATION. ALL RETURNS WITHOUT RMA# WILL BE REFUSED. CLAIMS MUST BE WITHIN 10 DAYS FROM RECEIPT.

PREPARATION

1. Prepare for installation by removing all items from under the sink. Locate and turn off the COLD water supply and open the sink faucet to relieve any remaining pressure.
2. Determine an appropriate location for the Drinking Water System, Bladder Tank, Feed Water Connection, Drain Saddle, and the Air Gap or Non Air Gap Faucet for your specific application.

3. TOOLS RECOMMENDED FOR INSTALLATION:

- Adjustable Wrench
- Sharp Knife
- Open End Wrench
- Phillips Screw Driver
- Needle Nose Pliers-Adjustable Pliers
- Electric Drill
- 7/8" or 1/2" Hole Saw Bit for Faucet Opening (depends on faucet used)
- Round Knockout Punch for Stainless Sinks, 7/8" and 1/2"



DRILL HOLE FOR FAUCET IN A PORCELAIN SINK

NOTE: Porcelain sink material is extremely hard and can crack or chip quite easily. To avoid this, use extreme caution when drilling. A carbide tipped masonry bit is recommended. **SpectraPure® accepts no responsibility for consequential damage resulting from the installation of the faucet.**

When drilling, allow cooldown time for drill bit so that it does not over heat and crack porcelain.

A gurgling sound may be heard coming from the Air Gap Faucet when the system is running. This is normal and is in compliance with UPC Codes.

- STEP 1. Determine a desired location for the faucet on your sink and place a piece of masking tape on the location where the hole is to be drilled. Mark the center of the hole on the tape.
- STEP 2. Use a variable speed drill on the slowest speed. Drill a 1/8" Pilot hole through both porcelain and metal casing of sink at the center of the desired location. (If drill bit gets hot it may cause the porcelain to crack or chip)
- STEP 3. Use a hole saw and proceed to drill the large hole (For Air Gap Faucet 7/8". For NON Air Gap Faucet 1/2"). Keep drill speed on the slowest speed and use lubricating oil or liquid soap to keep the hole saw cool during cutting.
- STEP 4. Make sure the surroundings of the sink are cooled before mounting the faucet to the sink after drilling. Remove all sharp edges with a file.

PUNCH HOLE FOR FAUCET IN STAINLESS STEEL SINK

- STEP 1. If mounting faucet to a Stainless Steel Sink you will need a bimetal or carbide tipped hole saw.
- STEP 2. The Faucet opening should be centered between the back splash and the edge of the sink, ideally on the same side as the vertical drain pipe.
- STEP 3. Drill a 1/4" pilot hole. Use a bimetal or carbide tipped hole saw to punch the hole in the sink. (For Air Gap Faucet 7/8". For NON Air Gap Faucet 1/2").

FEED SUPPLY VALVE INSTALLATION

STEP 1. Follow the cold water line from shut off valve to the existing faucet and unscrew the threaded connection.

STEP 2. Insert feed supply valve between cold water line and existing connection.

STEP 3. Follow the assembly sequence shown for attaching valve to the existing cold water line.

STEP 4. Connect Black line from RO system as shown in Fig 1.

- Remove the 1/2" Compression Nut from Valve body. Be careful not to loose the plastic or brass Insert and the Conical Compression Sleeve.
- Insert the 1/4" Black Tubing into the Compression Nut with the threads towards the end of the tube.
- Slip the Conical Compression Sleeve onto the Black Tube with the long slope pointing toward the end of the tube.
- Place the Insert into the end of the Black Tubing. Make sure you push the insert in all the way.
- Tighten Compression Nut back on the Valve body.

STEP 5. When installation of the valve is complete, check for leaks as follows:

- Close Feed Supply Valve that you just installed.
- Open cold water supply valve and check for leaks around feed supply valve fittings. Tighten if necessary.

NOTE: To be certain of the cold line; turn on the hot water, allow water to run until pipe becomes warm. Then attach fitting to the cold water line. If you run hot water through your system it will damage the membrane.



FEED VALVE



INSTALL ON COLD WATER LINE

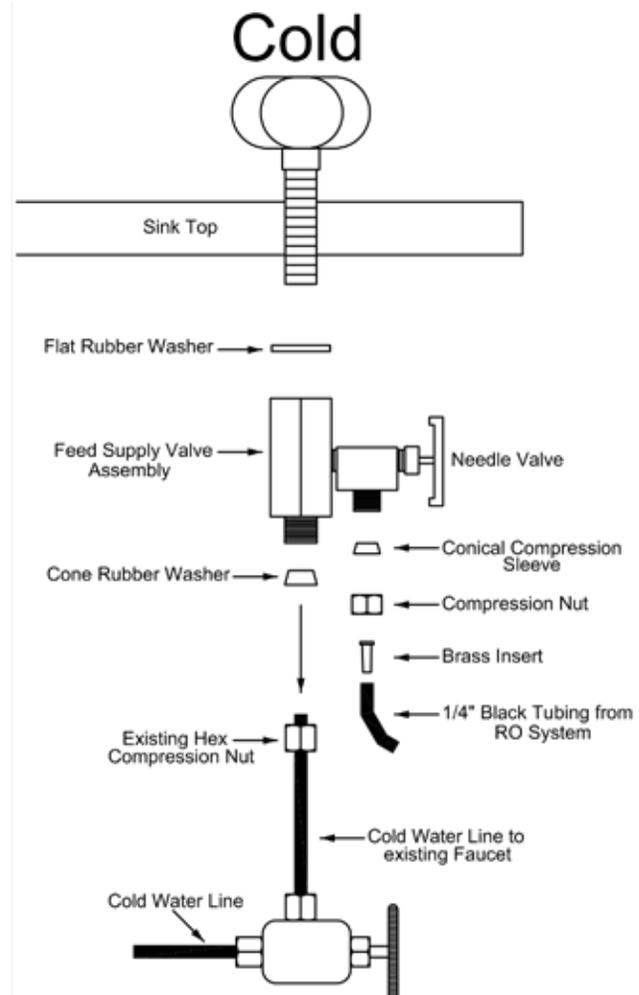


FIGURE 1: FEED SUPPLY INSTALLATION

FAUCET INSTALLATION

AIR GAP FAUCET INSTALLATION

- Place the chrome counter plate and rubber washer over the threaded shaft and barbed nipples on the faucet (Refer to Figure below).
- Pass the Blue 3/8" tubing, the Yellow 1/4" tubing, and the Black 3/8" tubing up through the drilled countertop hole and temporarily secure them so they don't fall back through the hole.
- Place the galvanized flange, plastic spacer, flat metal washer, and hex nut in sequence over the threaded shaft and temporarily hand-tighten, then screw the push fitting onto the end of the threaded shaft.
- Insert the Blue 3/8" tubing into the Quick Connect Tubing Adapter.
- Connect the 1/4" yellow tubing to the smaller barb and connect the 3/8" Black tubing to the larger barb.
- Drop the entire assembly into the hole, resting on the chrome counter plate. Loosen the nut and position the Galvanized Flange under the counter top and then securely tighten the hex nut.
- DO NOT CUT EXCESS TUBING AT THIS POINT. YOU WILL NEED THE TUBING TO INSTALL TANK.

TIP: When connecting the tubes to the hose barb, try using HOT water to soften the plastic tubes. When connecting the drain lines to the saddle, make the lengths as short and straight as possible to reduce drainage noise.

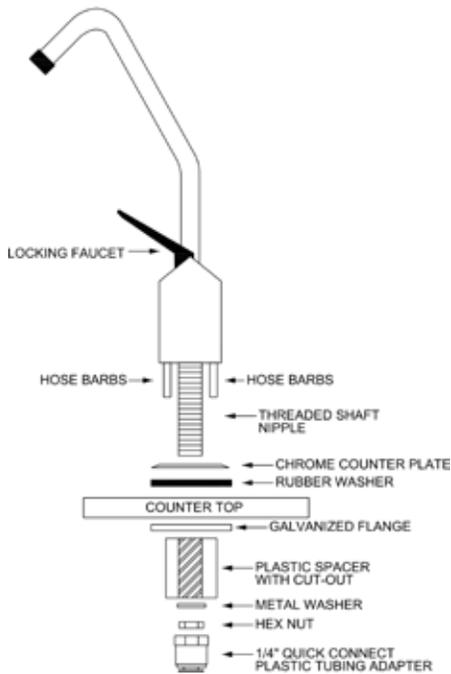


Figure 2

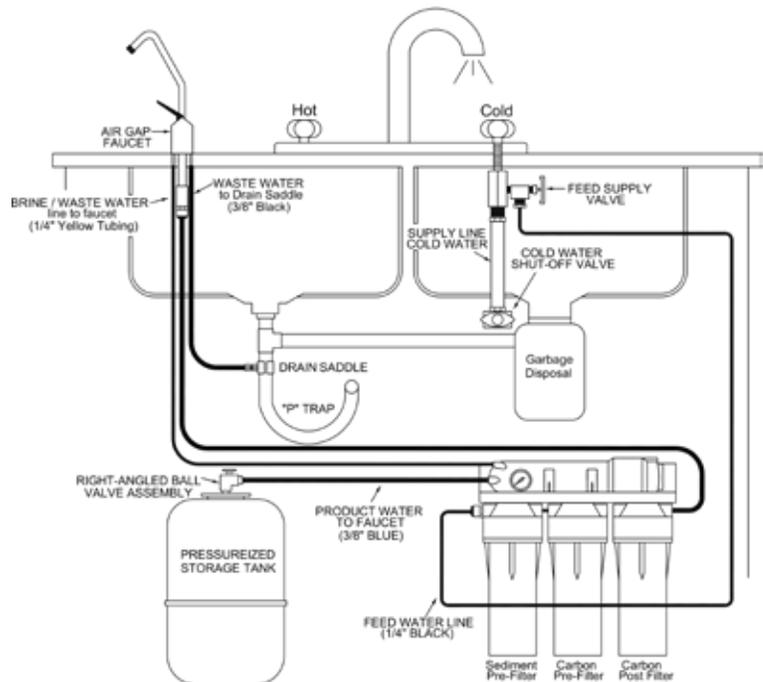
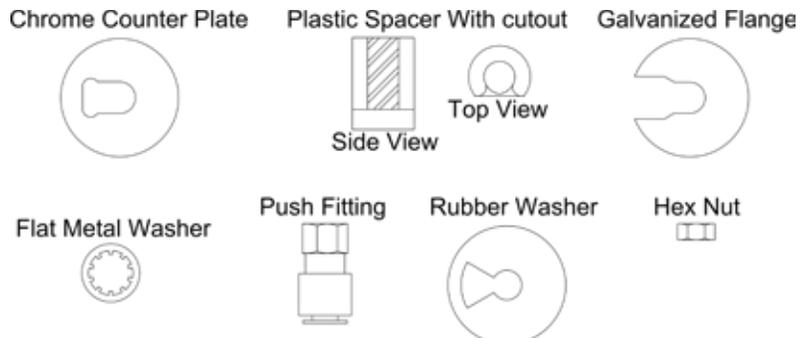


Figure 3: INSTALLATION FOR DWS & DWS-PP SYSTEM

AIR GAP FAUCET PARTS LIST

- Faucet
- Galvanized Flange
- Rubber Washer
- Flat Metal Washer with "U" Cutout
- Plastic Spacer with Cutout
- Flat Metal Washer
- Hex Nut
- 1/4" Quick Connect Plastic Tubing Adapter



NON AIR-GAP FAUCET INSTALLATION

- Place the chrome counter plate and large rubber washer over the threaded shaft on the faucet and place in hole previously drilled on page 4.
- Place the small rubber washer, locating washer, flat metal washer, and hex nut in sequence over the threaded shaft and temporarily hand-tighten.
- Insert the Blue Tube into the Compression Nut with the threads towards the end of the tube. Then add the Compression Sleeve.
- Place the Insert into the end of the Blue Tubing. Make sure you push the insert in all the way. Screw the Compression Nut onto the threaded shaft.
- Securely tighten both hex nut and Compression Nut.
- DO NOT CUT EXCESS TUBING AT THIS POINT. YOU WILL NEED THE TUBING TO INSTALL TANK.**

TIP: When connecting the tubes to the hose barbs, try using HOT water to soften the plastic tubes. When connecting the drain lines to the saddle, make the lengths as short and straight as possible to reduce drainage noise.

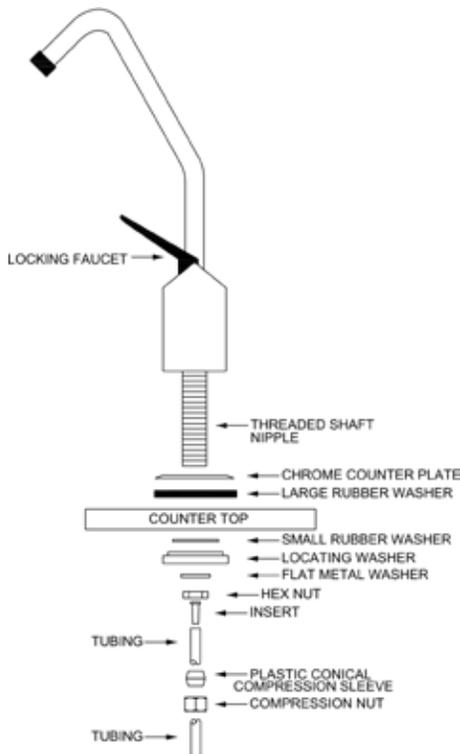


Figure 4

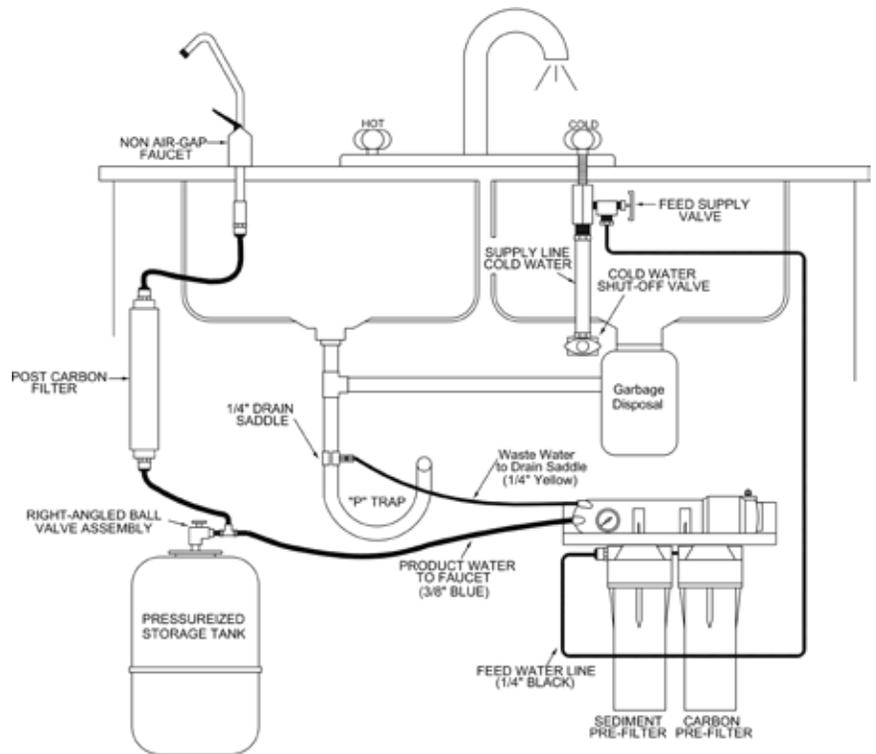
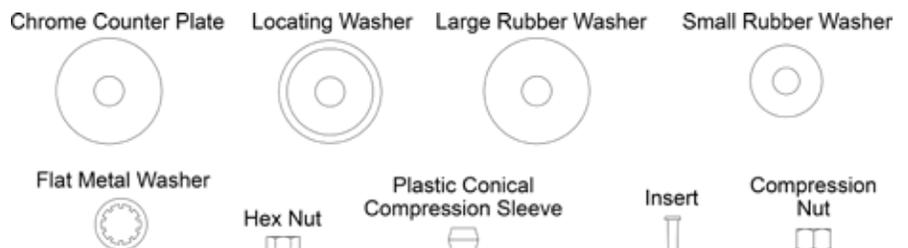


Figure 5: INSTALLATION FOR MAXPURE (MPDW)

NON AIR GAP FAUCET PARTS LIST

- Faucet
- Chrome Counter Plate
- Locating Washer
- Large Rubber Washer
- Small Rubber Washer
- Flat Metal Washer
- Hex Nut
- Plastic Conical Compression Sleeve
- Insert
- Compression Nut



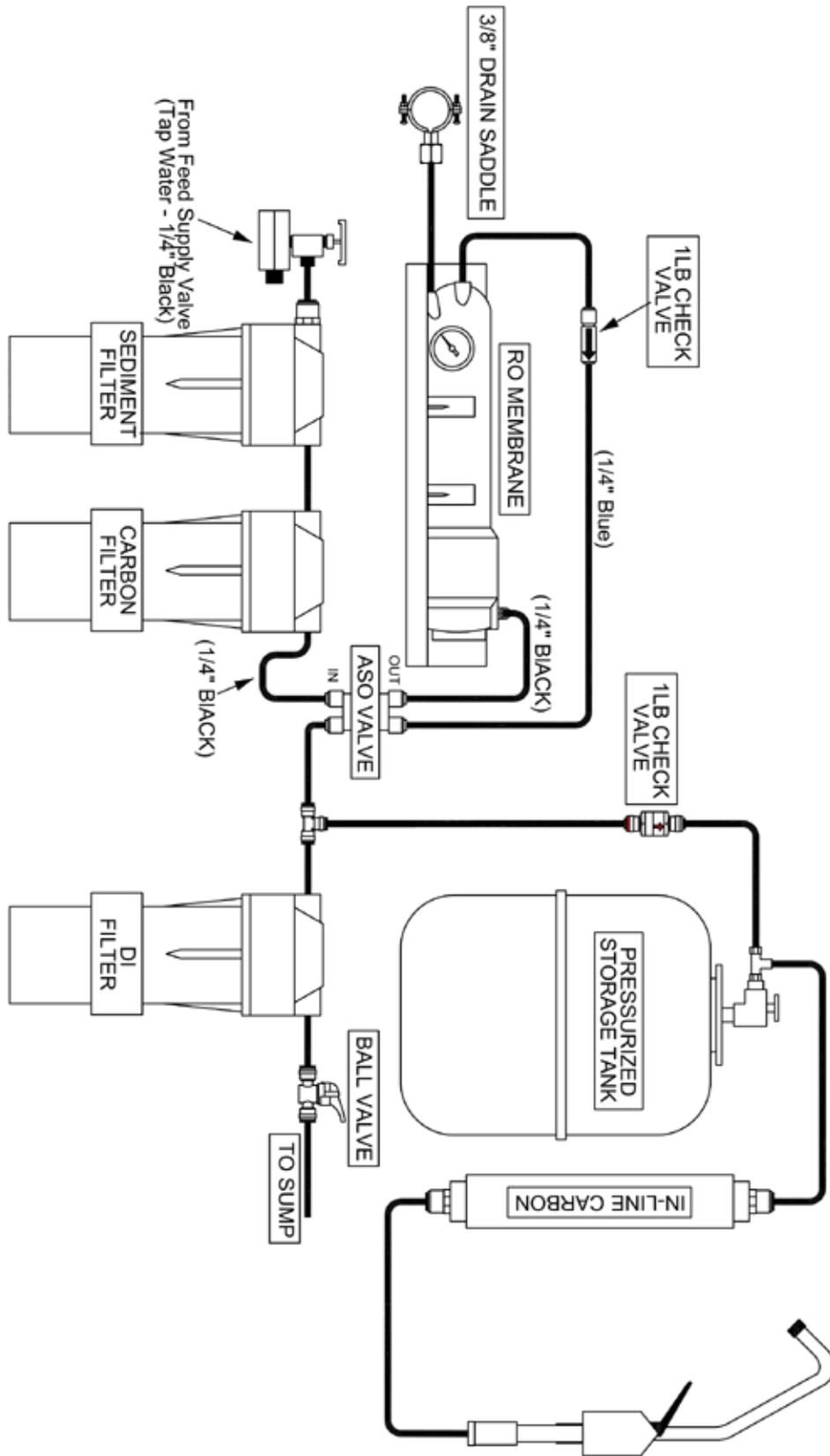


Figure 6: RO/DI SYSTEM WITH DRINKING WATER KIT INSTALLED

DRAIN SADDLE INSTALLATION

1. Refer to Figure 2 and determine the location for the drain saddle assembly and drain hole. It must be located above the "P" trap ("U" shaped bend in drain pipe) on the sink side of the drain pipe.
2. Place the half of the drain saddle with threaded nipple at a predetermined location. Slide a pencil through the plastic nipple and make a mark on the drain pipe.
3. Use a small punch and indent a start position to prevent the drill bit from wandering.
4. Drill a 3/8" hole in the drain pipe through the mark **on one side only**, do not drill through both sides of the drain pipe. Clean any loose shavings from around the hole.
5. Refer to Figure 3 showing the drain saddle assembly sequence. Press nuts in back half of drain saddle assembly.
6. Align the front half of the drain saddle by inserting a pencil through the plastic nipple and the newly drilled hole in the drain pipe.
7. Install the back half of the drain saddle and clamp assembly to drain pipe by screwing in the mounting bolts until snug.

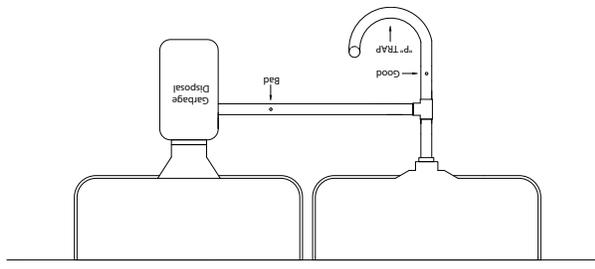


Figure 7: Drain Saddle Mounting Locations

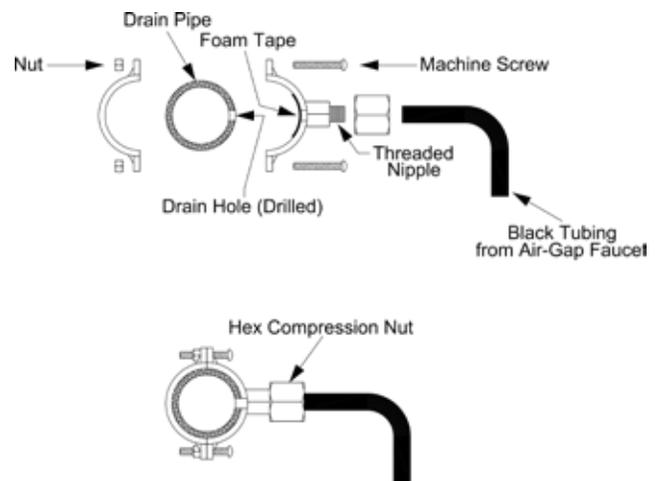


Figure 8: Drain Saddle Assembly Sequence

WASTE WATER LINE INSTALLATION

NOTE: The tubing must be as SHORT and STRAIGHT as possible to allow for proper drainage and reduce the noise of the Air Gap faucet.

1. Measure the waste tube from the faucet to the drain saddle and make a straight cut with a sharp knife.
2. Remove Nut from drain saddle. Slip the waste tube through the nut. Insert waste tube into the opening in the drain saddle and tighten the nut securely.
3. This line is gravity fed. If there is any bend in the tube the waste water will not flow into the drain properly. Water may back up and come out the Air Gap hole in the back of the faucet base.

INSTALLING ASO AND CHECK VALVE

1. Locate the Black Tube between the Carbon Filter and the Membrane.
2. Cut the Black Tube in half.
3. Insert the cut end from the Carbon Filter into the IN Port of the ASO Valve.
4. Insert the cut end from the RO Membrane Housing into the OUT Port of the ASO Valve.
5. Locate the Blue Tube (product water) that leaves the RO Membrane Housing.
6. Cut the Blue Tube 2" from the membrane housing.
7. Using the 1 lb Check Valve, reconnect the two cut ends with the arrow pointing away from the membrane.
8. Position the Blue Tube along side the ASO Valve to determine where the blue tube needs to be cut. Then cut the blue tube and reconnect the two cut ends with the two remaining ports of the ASO Valve.

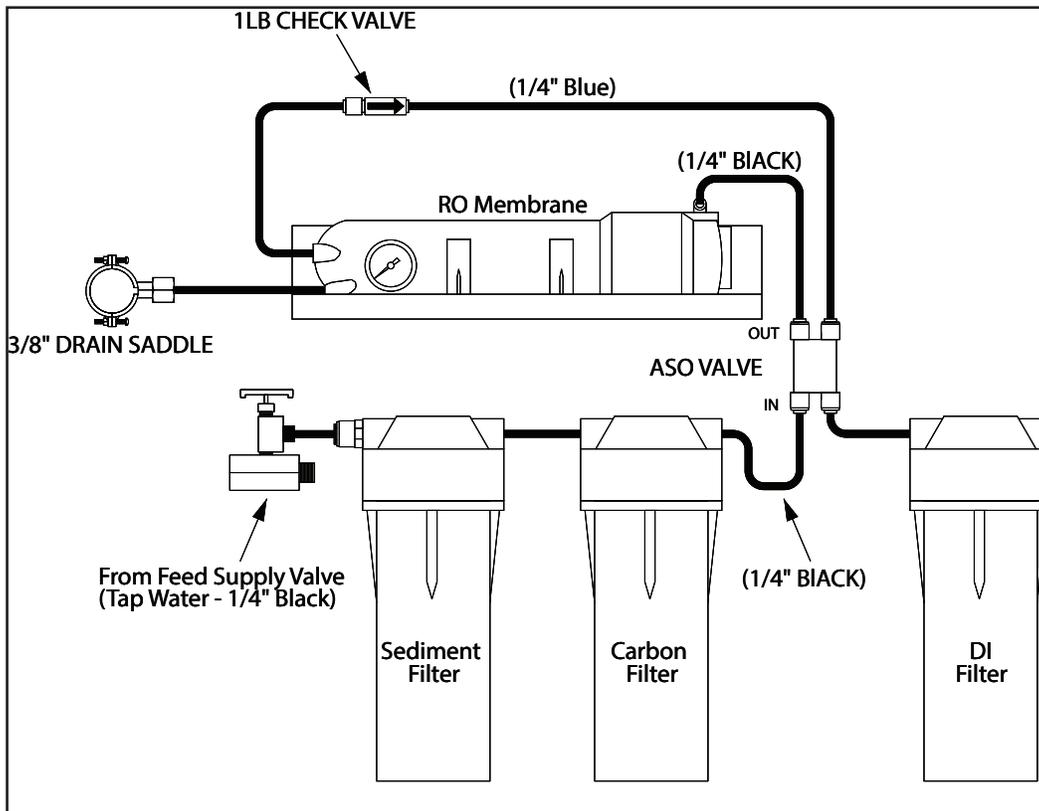
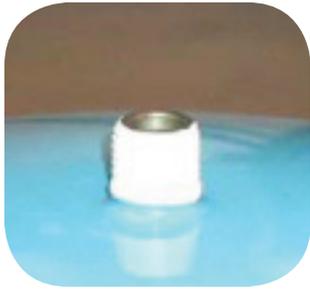


Figure 9: Schematic for ASO Valve

ICE MAKER HOOKUP (OPTIONAL)

1. Turn off feed supply valve and the ball valve on tank.
2. Locate the Blue tube that leads to the faucet.
3. Cut the tube and reconnect the cut ends with a 3/8" x 3/8" x 1/4" Tee.
4. Connect 1/4" Tubing to the third leg of the tee and route to refrigerator.
5. Turn on feed supply valve and the ball valve on tank.

INSTALLING BALL VALVE ON TANK



1. If there is not Teflon tape applied to the nipple on the tank, wrap (7-12 turns) around the pipe threads (MPT) on the Stainless Steel fitting.
2. Thread the Ball Valve (supplied in the parts bag) onto the stainless steel nipple on top of the tank. Hand-tighten only.
3. The storage tank is pressurized with air at the factory to 6 psi with the tank totally drained. Over a period of time, air may leak out causing the delivery rate of the stored water to decrease. If this occurs, verify correct tank pressure using a low pressure air gauge on the tire valve stem located on the bottom, or near the flange at the top of the tank with tank completely empty of water.

Refer to "Recharging Bladder Tank" on page 12.

MOUNTING THE SYSTEM

1. Determine best location for the RO system to be mounted to allow for future system maintenance.
2. Use two (2) self-tapping screws and a Phillips screwdriver. Measure the distance between the keyhole slots on the back of the bracket and install screws. Leave enough space and tubing so that you can pull the system out for maintenance.



STARTUP PROCEDURES

1. Slowly turn the cold water supply to full flow. Check for leaks.
2. Turn off the ball valve at the storage tank and open the faucet.
3. Watch the clear housings fill with water. When water comes out of the faucet, turn the faucet off. The system will pressurize rapidly and should shut off with a "click".

NOTE: It is important that air is purged from system during initial operation. To do this, orient the RO unit with the product (permeate) and reject (brine) water ports pointing upwards. (Round end of RO membrane housing is up, prefilter housings are horizontal). Allow a minimum of 15 minutes operation with this orientation.

4. **Look for leaks and do not leave the system alone until you are sure there are no leaks.** Now, turn the valve on the tank to the "ON" position.
5. Before using the system, allow three tank fillings to occur while flushing the contents between each filling by locking the air gap faucet lever to the open position until drained.
6. Wait for an hour before drawing water from of the faucet.

Note: NEVER RUN HOT WATER (>113°F/45°C) THROUGH THE SYSTEM.

SANITIZING THE RO/DI SYSTEM (once a year)

Sanitizing is recommended at least once every year or if water smells (or tastes) bad even after a post carbon filter replacement. A convenient time for sanitization is during a filter changeout. IT IS IMPORTANT THAT YOU HAVE CLEAN HANDS WHILE HANDLING INNER PARTS OF THE SYSTEM.

1. Be sure water supply to the RO/DI system is turned off, and the dispenser faucet is open. This will completely drain the pressure tank.
2. Next, remove the 1/4" black tubing from the feed port of the membrane and lift membrane housing from clips.
3. Remove the membrane housing cap by unscrewing it counterclockwise. Grasp the membrane stem with a pair of pliers and pull the membrane from the housing.
4. Screw the cap back on to the membrane housing making sure that the o-rings are in place.
5. Reconnect the 1/4" black tubing to the feed port of the membrane.
6. Remove sediment, carbon block, deionization cartridge and in-line post carbon filter.
7. Put 1.5 - 2.0 oz. of household bleach in the left filter housing and fill it halfway up with tap water. Now, put all filter housings back on the bracket, keeping the one with the bleach on the left side.
8. Next, close the dispenser faucet (put lever in DOWN position).
9. Open feed supply valve 1/4 turn from closed position.
10. Allow 15 minutes for the bleach solution to flow through the system. Then, open dispenser faucet and keep the lever in the UP position till some bleach solution is dispensed through the faucet. IMMEDIATELY close the faucet as soon as the bleach solution is dispensed. This will sterilize the faucet and the line going to the faucet.
11. Let the system sit for 2 hours.
12. Open the dispenser faucet to drain bleach solution from the pressure tank as completely as possible and then close the faucet.
13. Open the feed supply valve fully.
14. Allow the tank to fill until pressure gauge reaches 40 psi. Then open the dispenser faucet and flush system until all bleach solution has been dispensed from the system.
15. Close the feed supply valve.
16. Remove filter housings and membrane housings from the system and then rinse them with tap water and drain them completely.
17. Put new replacement filters (sediment filter, carbon block filter and inline post carbon filter) into the filter housings and put the membrane back into the membrane housing. You can use the same deionization cartridge if DI cartridge has not exhausted.

Open the feed supply valve and check for leaks. This completes the procedure.

RECHARGING THE BLADDER TANK

If the storage capacity of the tank is diminished significantly it is likely that the tank has lost its air charge. Recharging the bladder tank will restore its capacity.

Be sure water supply to the RO/DI system is turned off and the dispenser faucet is open. This will completely drain the pressure tank.

1. Put the dispenser faucet in the "open" position (lever in up position). Leave the faucet in the open position until the procedure is completed.
2. Drain as much water as possible from the tank.
3. Hook up an air pump to the "schrader" (tire) valve on the pressure tank and start pumping air into the tank.
4. Expel all the water from the tank.
5. Continue pumping air into the tank until the pressure reads NO MORE than 6 PSI.
6. This completes the procedure. Turn system back on.

NOTE: Should this procedure fail to restore the capacity of the tank, it is very likely that the bladder in the tank is ruptured and the tank needs to be replaced.

TROUBLESHOOTING GUIDE FOR RO/DI SYSTEM

Problem	Cause	Corrective Action
1. Low production rate.	a. plugged prefilters.	i. Replace prefilters.
	b. low water temperature.	ii. Use higher GPD membrane.
	c. low water pressure (< 40 psi).	iii. Use booster pump OR use higher GPD membrane.
	d. high TDS content (< 1000 ppm).	iv. Use booster pump OR use higher GPD membrane.
	e. fouled membrane.	v. Replace membrane.
	f. plugged flow restrictor.	vi. Replace flow restrictor and membrane.
	g. tank bladder lost air charge.	vii. Repressurize bladder to 6 psi (when empty).
	h. too much pressure in bladder tank.	viii. Repressurize bladder to 6 psi (when empty).
	i. ruptured bladder.	ix. Replace tank.
	j. back pressure exerted by the pressurized bladder tank causes a reduction in production rate.	x. Use of permeate pump retrofit kit (PPRFK-DI) eliminates the back pressure.
2. Zero production rate.	a. Missing flow restrictor.	i. Put flow restrictor in the yellow brine line.
	b. Dried membrane.	ii. Replace membrane.
	c. Plugged flow restrictor.	iii. Replace flow restrictor and membrane.
	d. bladder lost air charge.	iv. Repressurize bladder to 6 psi (when empty).
	e. ruptured bladder.	v. Replace tank.
3. Extremely high production rate.	a. Ruptured membrane.	i. Replace it.
	b. Very high line pressure (over 80 psi).	ii. Use a pressure reducing valve.

Troubleshooting Guide Continued on Next Page.

Problem	Cause	Corrective Action
4. Red light on OPTIONAL push-to-test button monitor comes on when RO water stored in tank is being tested.	a. TDS buildup in the bladder tank. b. Bad membrane. c. Faulty monitor/probe.	i. Drain tank completely and retest TDS. ii. Replace membrane. iii. Replace monitor/probe.
5. Red light on OPTIONAL push-to-test button monitor comes on when membrane product water is being tested.	a. Bad membrane. b. Faulty monitor/probe.	i. Replace membrane. ii. Replace monitor/probe.
6. Water smells bad.	a. Bacterial contamination of bladder tank. b. Ruptured bladder in storage tank. c. Exhausted post carbon filter.	i. Sanitize RO/DI System. ii. Replace tank. iii. Replace post carbon filter.
7. Milky colored water.	a. Air in system.	i. Air in the system is a normal occurrence with initial start-up of the RO/DI system. This milky appearance will disappear during normal use within 1-2 weeks. If condition reoccurs after filter changes, drain tank 1 to 2 times.
8. Reject (yellow) line never stops flowing water.	a. Faulty 3 lb. elbow check valve. b. Faulty auto shutoff valve.	i. Replace it. ii. Replace it.
9. Broken faucet handle.	a.	i. Purchase a faucet repair kit.
10. Leak under the faucet handle.	a.	i. Purchase a faucet repair kit.
11. Leak around the base of the spout.	a. Displaced O-rings. b. Worn O-rings.	i. Pull the faucet spout out. Seat O-rings in place. ii. Replace O-rings (Purchase a faucet repair kit).
12. Noise from faucet or drain.	a. Location of drain saddle.	i. See page 9 for proper location of drain saddle.

ONE YEAR LIMITED WARRANTY

SpectraPure, Inc.® warrants the product to the original owner only to be free of defects in material and workmanship for a period of one year from the date of receipt. SpectraPure's liability under this warranty shall be limited to repairing or replacing at SpectraPure's option, without charge, F.O.B. SpectraPure's factory, any product of SpectraPure's manufacture. SpectraPure will not be liable for any cost of removal, installation, transportation or any other charges which may arise in connection with a warranty claim. Products which are sold but not manufactured by SpectraPure are subject to the warranty provided by the manufacturer of said products and not by SpectraPure's warranty. SpectraPure will not be liable for damage or wear to products caused by abnormal operating conditions, accident, abuse, misuse, unauthorized alteration or repair or, if the product was not installed in accordance with SpectraPure's or other manufacturer's printed installation and operating conditions, or damage caused by hot water, freezing, flood, fire or acts of God.

SpectraPure will not be responsible for any consequential damages arising from installation or use of the product, including any water or mold damage due to flooding which may occur due to malfunction or faulty installation, including, but not limited to failure by installer to over- or under-tighten fittings, housings, and/or push-style fittings, or improper installation of push-style fittings. Consumable items such as prefilters and membranes are not covered under the one year warranty.

To obtain service under this warranty, the defective system or components must be returned to SpectraPure with proof of purchase, installation date, failure date and supporting installation data. Any defective product to be returned to the factory must be sent freight prepaid. Documentation supporting the warranty claim and a Return Merchandise Authorization (RMA) number must be included. SpectraPure will not be liable for shipping damages due to the improper packaging of the returned equipment and all returned goods must also have adequate insurance coverage and a tracking number.

SpectraPure will not pay for loss or damage caused directly or indirectly by the presence, growth, proliferation, spread or any activity of "fungus", wet or dry rot or bacteria. Such loss or damage is excluded regardless of any other cause or event that contributes concurrently or in any sequence to the loss. We will not pay for loss or damage caused by or resulting from continuous or repeated seepage or leakage of water, or the presence or condensation of humidity, moisture or vapor, that occurs over a period of 14 days or more. "Fungus" and "fungi" mean any type or form of fungus or Mycota or any byproduct or type of infestation produced by such fungus or Mycota, including but not limited to, mold, mildew, mycotoxins, spores, scents or any biogenic aerosols.

SpectraPure will not be liable for any incidental or consequential damages, losses or expenses arising from installation, use, or any other causes. There are no expressed or implied warranties, including merchantability or fitness for a particular purpose, which extend beyond those warranties described or referred to above.

*** The one year limited warranty does not apply to consumable items, including but not limited to, filters and cartridges unless specifically stated above.**

TERMS AND CONDITIONS:

1. Shipping charges on units or parts submitted to our facility for repair or replacement must be borne by the registered purchaser. After repair or replacement, the factory will return the unit or part freight prepaid to the customer.
2. We assume no warranty liability in connection with our equipment other than as herein specified.
3. This warranty is in lieu of all other warranties expressed or implied, including warranties of fitness for a particular purpose.
4. We do not authorize any person or representative to assume for us any other obligation on the sale of our equipment. This is the exclusive remedy and liability for consequential damages under any and all warranties which are excluded to the extent exclusion is permitted by law.
5. Proof of original purchase date must accompany all warranty claims.
6. SpectraPure, Inc. Reserves the right to change prices without notice when necessary. All prices in the catalog are quoted in US dollars.
7. Claims for error in quantity or condition must be made within 10 days of receipt of material. SpectraPure, Inc. will not be responsible for any claimed shortages not reported within 10 days. Returns other than warranty claims may be subject to 20% restocking fee.
8. SpectraPure, Inc. cannot be held liable for damage or loss to a shipment by a freight carrier. Check shipment for damage before acceptance or note on freight bill subject to inspection for concealed damage. Consignee must file claim. SpectraPure, Inc. will offer as much assistance as possible.
9. A complete credit check is required prior to shipping on a Net 30 basis. In the interim period during which credit references are being evaluated, all orders must be prepaid until approved.
10. All returned checks (due to insufficient funds or closed accounts) will be subjected to a **\$35 penalty charge**.
11. Invoices on Net 30 accounts not paid within 30 days of shipment will be considered delinquent and will accrue Finance charges at the rate of 1.5% per month (18% per annum).

REPLACEMENT PARTS

PART NUMBER	PART	DESCRIPTION
CF-IN-10	10" inline post carbon filter	Polishes water and removes odors and flavors
V-ASO-4JG	ASO Valve	Completely shuts off Product water and Waste water
VA-CK-IL-1/2LB-4	Check Valve	Is used in conjunction with the ASO Valve.

OPTIONAL PARTS

PART NUMBER	PART	DESCRIPTION
IMK	Ice Maker Kit	Contains everything necessary to connect to refrigerator with ice maker
PPRFK-DI	Permeate Pump Retrofit Kit	Counteracts backpressure when filling pressurized bladder tank
BPLF-PS-115	Low-Flow Booster Pump kit	For use with up to 25-60 GPD system
BPHF-PS-115	High-Flow Booster Pump kit	For use with systems over 60 GPD
FAU-REP	Faucet repair kit	Replacement parts to fix leaky faucet
V-PREG-0-125-4GJ	Pressure reducing valve (pressure regulator)	For areas where water pressure exceeds 80 psi
TANK-SN03-4	3 Gallon Pressurized Storage Tank	Replacement bladder tank
TANK-SN04-4	4 Gallon Pressurized storage Tank	Replacement bladder tank