

PharMate® SQC Service and Sanitization Procedures

To maintain the integrity of the system we strongly recommend replacement of the Prefilter & Postfilter cartridges every 6 to 12 months. The recommended maximum service life for the RO membrane is 36 months or sooner if the water quality monitor indicates with either orange flash or TDS readout less than 75% removal, depending on monitor type.

Required Items for the following Procedures:

- Bowl or bucket
- Unscented Bleach
- Safety Glasses
- Eyedropper or Syringe
- Batteries for Monitor

1 SANITIZE THE SYSTEM:

- ❑ Turn OFF Feed Water Supply Valve located between ¼ feed Elbow and connection to the water source.
- ❑ Empty storage tank thru the RO Faucet. Turn OFF RO Faucet and TANK VALVE once tank is empty. **NOTE:** Slow flow from faucet indicates tank needs air pressure. Using bike pump, inflate tank to increase flow, then adjust to 7 psi once tank is **empty** of water.
- ❑ Remove Postfilter and membrane (twist counter-clockwise 1/4 turn); Set membrane aside if it's not to be replaced, otherwise discard.
- ❑ Insert NEW Postfilter (47-55710). Insert NEW Carbon Prefilter (SQC3: 47-55706, SQC4: 47-55704) **temporarily** in the membrane position.
- ❑ Remove 3/8" tube from Tank Valve (see Fig. 2), shake excess water from tube. Using eyedropper or syringe, insert 10 ml of unscented bleach into 3/8 Tank tube. Reinsert 3/8 tubing into Tank Outlet.
- ❑ Open RO Faucet. Turn ON feed water supply and tank valve. Close RO Faucet once water begins to steadily flow through it. Wait 4 minutes to fill tank with sanitizing solution. Turn OFF feed water supply & tank valve.
- ❑ **CONNECT TANK DIRECTLY TO FAUCET & DISPENSER LINES:** Remove 3/8" tube from Tank Valve. Remove original 3/8" tubing from the FAUCET elbow that feeds the faucet. Insert 3/8" Faucet tube into the Tank Valve. Turn Tank Valve ON. (*original 3/8 Tank tube is temporarily disconnected*)
- ❑ **Fill and empty each dispenser twice. Fill each dispenser a third time and wait 20 minutes to allow system to sanitize.** Turn tank valve OFF.
- ❑ Open and Close Faucet briefly to relieve pressure. Return 3/8 Tank and Faucet tubes to original positions.
- ❑ Inspect 3/8 drain tubing & Drain Line Adapter. Clear debris as needed (prevent Air-Gap leaks).
- ❑ Open Tank Valve and Flush remainder of sanitizing solution from tank thru the RO faucet until tank is empty.
- ❑ Open the Feed Water Supply Valve for 2 minutes to fill tank with clean potable water for rinsing. Turn Feed water supply valve OFF.
- ❑ Rinse 300 ml of water thru Dispenser(s). Drain remaining water from Tank thru RO faucet. Turn Tank Valve OFF.

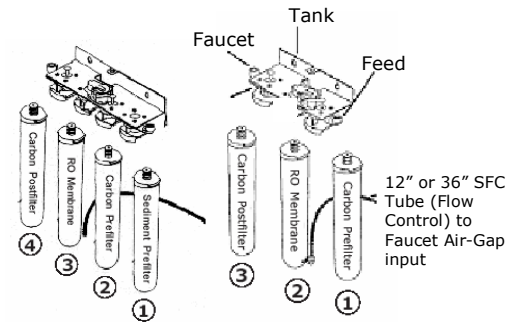
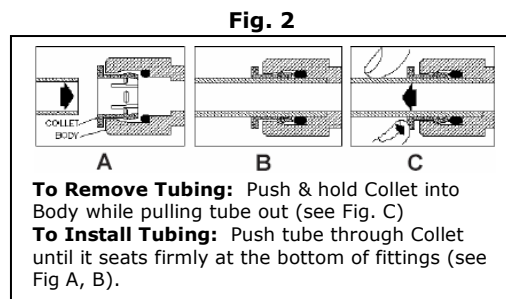


Fig. 1

2 FILTER REPLACEMENT:

- ❑ Remove OLD Prefilter from SQC3, or both old prefilters from SQC4 and discard.
- ❑ If replacing membrane, skip to next step. Re-use of original membrane requires disinfection: Remove NEW Carbon Prefilter (*currently installed in membrane port*); Shake excess water from center opening of Prefilter into the sink; Inject 2 ml of unscented bleach into center opening of Prefilter (use eyedropper or syringe).
- ❑ Insert new filters and membrane into their proper positions. Make sure the correct Red SFC tubing is inserted into membrane drain elbow (12" length for 66-4706G2, 36" length for 66-4703G2).
- ❑ Turn ON Feed and Tank valves.
- ❑ Update the Service Record label (typically affixed to sink cabinet wall).



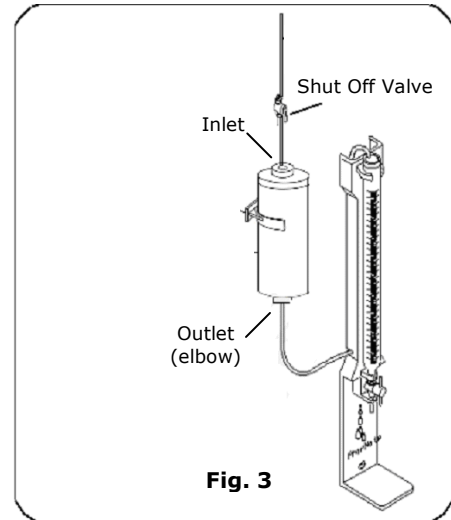
(Continued on reverse...)



3 BIOScript™ REPLACEMENT:

To install the BIOScript™ filter the first time:

- Turn OFF shut off valve at the dispenser inlet. (If the dispenser is not equipped with a shut off valve, then call or email Customer Service to receive a free one.)
- Install BIOScript™ between the shut off valve and dispenser (See Fig 3): Cut the tubing (using sharp scissors or razor knife) 4" from the dispenser inlet. Insert tubing into the push-in fitting at the filter inlet and outlet, making sure the flow direction and arrow are correct.
- Install the filter clip centered behind the BIOScript™ filter (self drilling screw and anchor provided). Use the Ez Anchor if mounting to drywall.
- Turn ON shut off valve preceding BIOScript™.



To replace existing BIOScript™ filters:

- Turn OFF the valve preceding the BIOScript™ filter.
- Remove tubing from the Inlet and Outlet push-in fittings (See Fig 2). Discard old BIOScript™ filter.
- Insert tubing in the appropriate Inlet and Outlet push-in fittings and place new BIOScript™ filter in the mounting clips.
- **CAUTION:** Replace BIOScript™ only after sanitizing (see Step 1 – Sanitize the System).
- Turn ON the valve preceding BIOScript™.

4 DISCARD FIRST BATCH OF PURE WATER:

After the system has run for 2 hours, fill each dispenser 10 times and discard water; Empty remaining water thru the RO Faucet. Allow additional 2 hours to partially fill tank for use.

IMPORTANT: BIOScript™ Filters require flushing with PURIFIED water to rid the media fines. IF the water is still turbid after initial flushing, it may be easier to flush additional water directly from the OUTLET of the BIOScript™ filter. Simply turn Valve at the BIOScript™ inlet OFF, remove tubing from the OUTLET and flush into an appropriate container using the valve to control the flow. **NOTE: Media fines are NOT harmful.**

Storage tank should be emptied through the RO faucet weekly. This water is excellent for drinking, hot beverages and plants – Please Enjoy!

