

Periodic System Maintenance

Testing Your Water

- If you are relying on this system for nitrate reduction, we recommend testing your water periodically (2 times a year minimum) with a nitrate test kit (supplied) to ensure that the system is performing properly. Additional nitrate test kits (part number 12061) can be purchased from your local RainSoft Dealer.
- If you are relying on this system for VOC reduction, we recommend testing your water periodically (2 times a year minimum) to ensure that the system is performing properly. Your local RainSoft Dealer can arrange this testing for a nominal fee.
- If you are relying on this system for cyst reduction, we recommend testing your water periodically (2 times a year minimum) to ensure that the system is performing properly. Your local RainSoft Dealer can arrange this testing for a nominal fee.
- If you are relying on this system for any other health claims, please refer to the performance data sheets on pages 12–15. See your local RainSoft Dealer for additional information.

For Wisconsin Residents Only: The State of Wisconsin requires that your water be tested 2 times a year minimum for total dissolved solids (to ensure that the system is performing properly). Your local RainSoft Dealer can arrange this testing for a nominal fee.

Important Notes: Nitrate reduction units are acceptable for treatment of influent concentrations of no more than 27 ppm nitrate and 3 ppm nitrite in combination (measures as "N") and are certified for nitrate/nitrite reduction only for water supplies with a pressure of 40 psi or greater.

System Components

Pre-filter

The pre-filter (see figure 5) removes particles and sediment as small as 5 microns in size from the water supply. The pre-filter requires periodic replacement every 6 to 12 months after installation. Your water quality and water usage may affect this replacement schedule. Please refer to the chart on page 8 for replacement part numbers.

Membrane Cartridge

The membrane cartridge (see figure 5) is a spiral wound, semi-permeable cartridge that requires periodic replacement approximately every 18 months after installation. Your water quality and water usage may affect this replacement schedule. Please refer to the chart on page 8 for replacement part numbers.

Post-filter

The post-filter (see figure 5) will remove unwanted tastes and odors from the water. The post-filter requires periodic replacement every 6 to 12 months after installation. Your water quality and water usage may affect this replacement schedule. Please refer to the chart on page 8 for replacement part numbers.

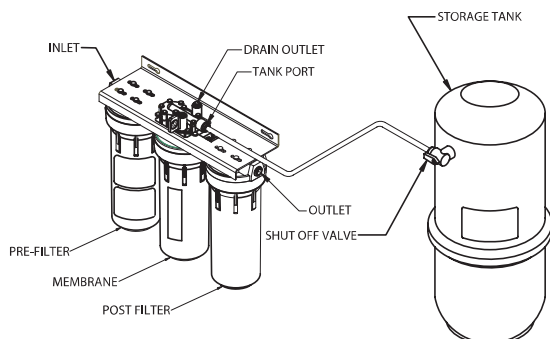
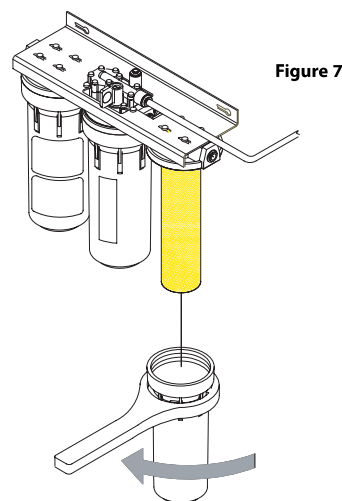
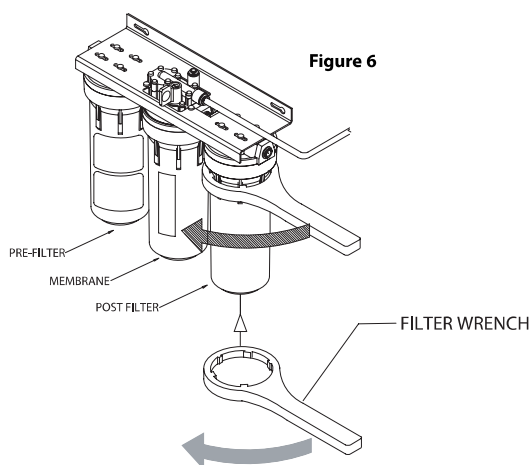


Figure 5

How to Change the Filters

1. Turn off the cold water supply to the RO system.
2. Close the storage tank shut-off valve and then open the RO faucet.
3. Place a drip pan or bucket if necessary to catch the water from the filter canisters to prevent spillage.
4. To replace the filters, use the filter wrench (not supplied) and unscrew the filter housings from the cap (see figures 6 and 7). Replace the filters and reassemble (see helpful hints).
5. Once assembled, open the flush valve (see figure 3 on page 6).
6. Turn on the inlet water to the RO system.
7. Open the storage tank valve and RO faucet. Allow the water system to flush for 15 minutes.
8. Close the flush valve and faucet and allow a minimum of 2 hours for the tank to fill up.



Important Note: This Reverse Osmosis System contains replaceable components critical to the efficiency of the system. Replacement of the Reverse Osmosis components should be one of identical specifications, as defined by the manufacturer, to assure the same efficiency and contaminant reduction performance.

Helpful Tips: To avoid contamination, we recommend the use of sterile gloves while changing the system components.

When changing the membrane cart- ridge, verify that the rubber brine seal and O-rings are secure and in place. Always lubricate the o-rings with a non-petroleum based lubricant to ensure the longevity of the o-rings. Never over-tighten the housing to the cap – **HAND TIGHT ONLY!**

RainSoft Replacement Parts

The following RainSoft replacement parts are available through your local RainSoft Dealer:

| Model | Pre-filter | Membrane Cartridge | Post-filter |
|-------------|------------|--------------------|-------------|
| UF22T-CB | 18557 | 12448 | 18557 |
| UF50N-CBVOC | 18557 | 18644 | 18773 |

| Description | Part Number |
|--------------------------|-------------|
| Slim Line Spanner Wrench | 13203 |

If you are unable to order replacement parts from your local RainSoft Dealer, please contact RainSoft at 1-800-860-7638 for assistance.

Important Note: It is important to maintain the quality of your system by using only genuine RainSoft replacement filters and cartridges. Other "made-to-fit" alternative filters and cartridges claim to perform the same duties as the original RainSoft parts, but these items are not approved for use in your system! "Made-to-fit" alternative filters and cartridges will increase the probability of leaks, putting your entire system at risk!

When "made-to-fit" alternative filters and cartridges are placed into your RainSoft Reverse Osmosis System, the product warranty will become null and void and the system will lose the NSF certification. To guarantee proper operation and certification of your RainSoft Reverse Osmosis System, please use genuine RainSoft parts.

Troubleshooting Guide

| Symptom | Cause | Solution |
|---|--|--|
| 1. No Water | <ol style="list-style-type: none"> 1. The water supply is turned off. 2. Faulty valve. 3. The water supply is blocked. 4. The membrane cartridge is fouled. 5. The product line is crimped. 6. Defective storage tank. 7. The air valve is leaking. | <ol style="list-style-type: none"> 1. Turn on the water. 2. Replace or repair the valve. 3. Clear the blockage. 4. Replace the membrane cartridge. 5. Remove the crimp. 6. Replace the storage tank. 7. Replace the air valve and recharge the storage tank to 5 psi. |
| 2. Film on Water or Cloudy Water | <ol style="list-style-type: none"> 1. Air is trapped in the water. | <ol style="list-style-type: none"> 1. Common at the time of installation or after a filter change. The air will dissipate as the filter becomes saturated. Several tanks of water may be used before this process is complete. |

If the troubleshooting guide did not resolve the symptom, please contact your local RainSoft Dealer for service. If you cannot locate your local RainSoft Dealer, please contact RainSoft Customer Service at 1-800-860-7638 or log onto www.rainsoft.com for the name and location of your nearest Dealer.