

Changing Your Filters



When should I change my filters?

Test your water with the TDS (total dissolved solids) meter that came with your unit to determine how your filters are performing. See “Using Your TDS Meter to Check Your Filters” to learn how.

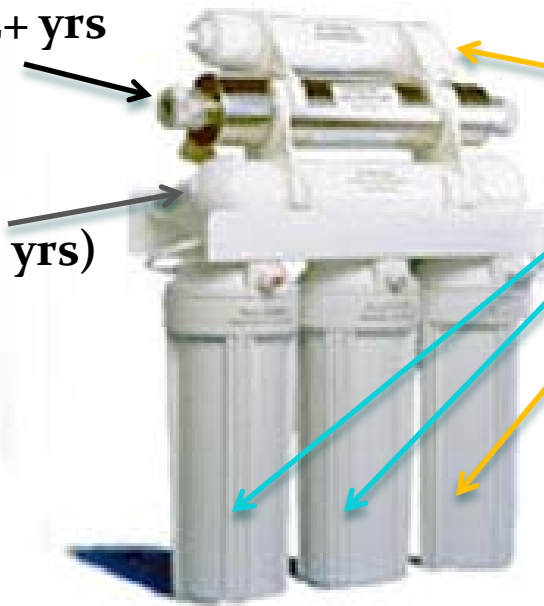
We recommend TDS testing as often as every month (for example, when you pay your electric bill), but at least every quarter, (such as each solstice & equinox – another great way to remember!).



Filters to Change

Ultraviolet Light 2+ yrs

RO Membrane (3+ yrs)



Phase 1 Filter Change (1-2 yrs):
2 deionization purifiers
2 carbon filters



Alka-Min Stage 14 (1-3 yrs)

Phase One Filter Change

- Turn off water to the system at wall (red lever perpendicular to tubing)
- Shut off water at tank (w/valve)
- Release water pressure by opening spigot, 2 sec
- Put down towel and/or cookie sheet
- Using the cartridge wrench (shown), unscrew rightmost vertical canister
- Remove old filter, replace with new
- Replace canister, tighten (not too much)
- Repeat with center and leftmost canisters
- Remove topmost horizontal canister:
 - pull out tubing from valves*
 - unscrew fittings from old filter
 - screw fittings into new filter
 - insert tubing into valves
 - watch “flow” direction
- Be sure to insert tubing as far as it will go
- Slowly turn water back on, look for leaks
- Empty 2 tanks of water to flush before drinking



**To pull tubing from a valve, push with one hand on the ring on the filter side, and pull the tubing Out with the other hand. Takes a bit of practice.*

Which RO membrane do I have?

- In order to send you the right membrane, we need to know which membrane you have. We have used three different membranes in the last 10 years:
 - a 50 gallon a day membrane,
 - a 35 gallon a day membrane, and
 - a 25 gallon a day membrane.
- Your system is made for only one type of membrane. In order to determine which membrane you have, you need to look under the membrane housing itself (see arrow) to determine which picture your system looks most like.
- We will be updating this page in the near future with pictures that will help you determine which membrane you actually have. Until then please call Customer Service for help.



Membrane Change

- Turn off water to the system at wall (red lever perpendicular to tubing)
- Shut off water at tank (w/valve)
- Release water pressure by opening spigot, 2 sec
- Put down towel and/or cookie sheet
- Pull the UV light away from membrane
- Remove tubing from cap on left side
- Using two #480 Channel Lock pliers, get a grip on each side of the membrane.
- Unscrew left cap of membrane
- Using a pliers (needle-nose is best), pull membrane out by the exposed cylinder
- Insert new membrane (all the way)
- Replace cap, screw on tight, but not too tight
- Reinsert tubing into cap
- Turn water back on, check for leaks.



UV Light Change

- *UV light beeps when it burns out.*
- Unplug UV light to stop beeping. (Can run system with light unplugged for a while if needed.)
- GENTLY pull light from stainless canister.
- GENTLY pull cord from bulb (at bulb's base).
- Insert new UV bulb.
- Gently reinsert bulb in stainless housing.
- Plug in UV light.
- Wrap old bulb in paper, discard carefully, do not recycle.



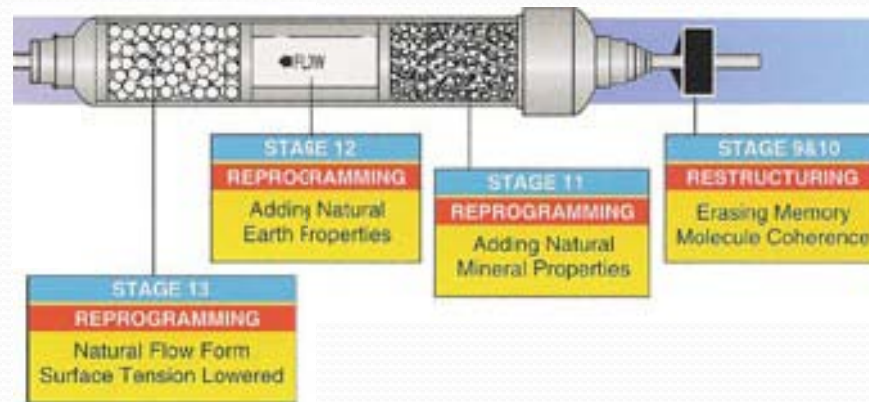
Alka-Min Change

- Turn off water to the system at wall (red lever perpendicular to tubing)
- Shut off water at tank (w/valve)
- Release water pressure by opening spigot, 2 sec
- Put down towel and/or cookie sheet
- Remove tubing from one end of current Alka-Min by pushing ring against cartridge while pulling tubing away from cartridge, in opposite direction.
- Remove tubing from other end of current Alka-Min by pushing ring against cartridge while pulling tubing away from cartridge, in opposite direction.
- Noting flow direction (toward spigot); reinsert tubing into new cartridge. Make sure to insert all the way.
- Water may look white/milky at first – this will dissipate over a couple of weeks, and is just extra minerals.



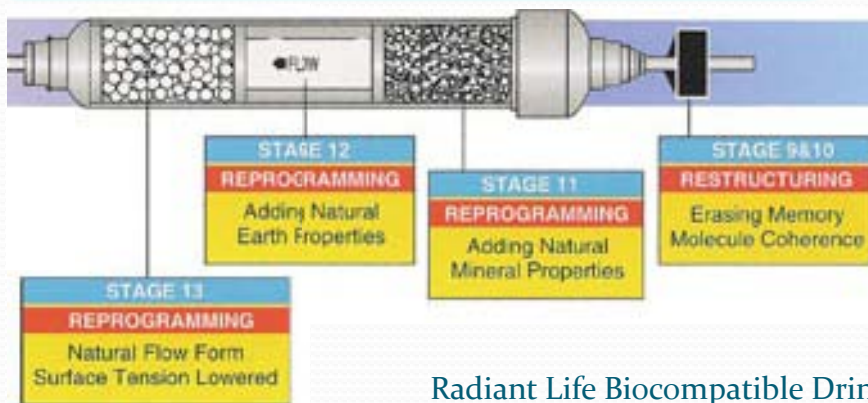
Energetic Restructuring

- There are no filter or other replacements necessary for the Energetic Restructuring stages.



Filter Change Troubleshooting

- Q. What if I bought my system from Radiant Life, but it looks different than what you show here?
- A. Call us at Customer Service: 888 593 9595.
- Q. I have trouble getting the vertical canister housings off with the wrench. What can I do?
- A. Get a 10" piece of PVC tubing with a 1" center hole from a hardware store, and use it on the end of the wrench (pictured) to create more leverage.
- Q. Why does my purified water get warm?
- A. See next page.



FAQ: Why is my water warm?

- When the UV light is on 24/7, the water in the UV chamber heats up. When you turn on the spigot, the warm water makes its way to your glass after about 10 seconds, and it stays warm for around 30 seconds. To enjoy cooler water, just let the water run for 30 seconds (feed to plants).
- Another option: turn off the UV light before you go to bed and turn it on in the morning - this interrupts the warming cycle. Create a small sign on the spigot you can turn over (or use a post-it on the wall/counter behind the spigot) to remind you whether the light is on or off.
- *Radio Shack offers a wireless appliance remote (@\$20) which allows you to plug in your UV light into a device which is plugged into the electrical socket. When you press the keychain remote, it turns the UV light off; press it again and the light goes on. This makes it easier to turn the light on and off without getting under the sink.*



For Further Information:

For the latest information on maintaining your 14-Stage Biocompatible Water System, please see our website at www.radiantlifecatalog.com.

If you have questions that were not addressed in this presentation, please check our FAQs and our latest Owners Manual and other resources, all available at our website.

Thank you and enjoy your Biocompatible Drinking Water!