RO Buddie®

Cartridge Change Recommendations

SCAN TO WATCH

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STAGE 1 – SEDIMENT FILTER
Recommended change 3-6 months or 1,500 gallons total or 400 gallons of filtered water

The first stage of your RO unit is a five micron sediment filter that traps sediment and other particulate matter like dirt, silt and rust which will affect the taste and appearance of your water.

Replace Sediment

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STAGE 2 – CARBON BLOCK FILTER
Recommended change 3-6 months or 1,500 gallons total or 400 gallons of filtered water at 1 ppm Chlorine, or 200 gallons of filtered water (at 2 ppm Chlorine).

The second stage of your RO unit is a carbon block filter. The activated carbon in the filter reduces chlorine and conditions the water prior to the RO membrane.

Replace Carbon

RO

STAGE 3 – RO MEMBRANE
Recommended change 1-2 years

The RO membrane reduces impurities known as total dissolved solids (TDS) from the water down to 1/10,000 of a micron, reducing arsenic, lead, parasitic cysts, copper and more. Because the process of filtering the high-quality water takes time, it is common to use a storage tank to collect filtered water, making it available on demand.

Replace Membrane

DI

STAGE 4 – COLOR CHANGING RESIN (DEIONIZATION)
Model 540019 only
Replace filter when resin changes color

After the water is filtered by the membrane, there is usually a small amount of total dissolved solids (TDS) left in the water. In certain non-drinking water applications, it is important to remove the remaining TDS from the water. This is accomplished by filtering the water through a resin that is charged with cation and anion resins (H+ and OH-). As the resin absorbs the TDS, it will change color. When all resin has changed color, it is time to replace the DI filter.

Replace DI Resin

WARNING: The RO Buddie will remove chlorine, but **NOT chloramines.**
Test your water and/or check with your local water company to find out if you have chloramines in your water.