



**Installation Instruction Manual for Five and Six Stage Reverse Osmosis System
Please Read Carefully Before Proceeding With The Installation**

**Tools & Material Recommended
For normal Installation**

- * Variable speed drill
- * 1/8" (3mm) and 1/4" (6mm) drill bits
- * 1" (25.4 mm) hole saw (for air gap faucet, if any, or 7/16" (11mm drill bit non-air gap faucet.

- * 1/2"(13mm)and 5/8"(16mm) open end wrenches or adjustable
- * Phillips Screwdriver
- * Small Knife
- * Teflon Tape

**Recommendation for replacement
And change of filters interval**

1. Stage #1 Item #1011 Sediment filter to be replaced every 3-4 months
2. Stage #2 Item #1012 GAC to be replaced every 4-6 months
3. Stage #3 Item #1013 to be replaced every 4-6 months
4. Stage #4 – 18 GPD membrane Item #1002, to be replaced every 2-5 years
5. Stage #5 Item #1020 to be replaced every 12 months.

If you have a six stage. The Ultra violet bulb, to be replaced once a year

Refer to enclosed warranty for operating parameters to ensure proper use with your water supply.

Operational Parameters

1. System to be used with municipal or well water sources treated and tested on a regular basis to insure bacteriologically safe quality.
2. Operating Temperatures:
Maximum 105° F

3. Operating Pressure:
Maximum 85 psi
Minimum 40 psi

Pressure regulator required above 85 psi

4. pH: 3 to 11

5. No excessive amount of iron present in incoming water.

6. Recommended hardness not to exceed 7 grains per gallon, or 120 ppm.

7. Recommended TDS (Total dissolved Solids) not to exceed 1800 ppm.

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Instruction how to replace filters and the frequency For five and Six Stage System

1. First off all turn cold water supply off to the system
2. Turn the knob on the off position on top of the water tank
3. Turn the faucet that you dispense pure water from to the on position, in order to release pressure from the system.
4. Have a bucket ready
5. Have the wrench, which we supplied to you, ready.
6. Wrap the wrench around each and every housing (the plastic container of which holds the filters).
7. Turn the wrench **to the left** to loosen the housing
8. The rest you do it by hand, unscrew each housing, and replace each filter.
Stage 1 is the sediment filter item # 1011 to be replaced every 3-4 months (by the red tubing) water in to the system
Stage 2 is the GAC filter item #1012 to be replaced every 4-6 months
Stage 3 is the 5 micron carbon block, item #1013 to be replaced every 4-6 months
Stage 4 is the membrane, item #1002 to be replaced every 2-5 years
Stage 5 is the GAC polishing filter item #1020 to be replaced every 12 months (by the blue tubing, water out to the faucet).
9. You must flush the 2nd and third stage filters out, to wash the carbon fines out. The easiest way to do it and to prolong the life of your membrane, after you replaced those filters, take the left elbow off, from the third stage, have a bucket ready, flush the water out, into the bucket, until you see clear water coming out, then screw the elbow back on.
10. Turn the water back on to the system.
11. Turn the tank water back on.
12. You are now ready to have the system running again.

If you have the six stage system, stage #5 is the Ultra Violet, the bulb is to be replaced every 12 months and stage 6 is the polishing filter

13. Turn faucet off. If you are replacing the post filter item #1020 turn the faucet on for 5 minutes to wash the carbon out of the post filter, you will be ready to go. If you are emptying the tank, the tank will take a few hours to fill, remember that the system takes 3-4 gallons of water to produce one good gallon of water.

Please note: When you install the system for the first time, you must fill the tank up twice and empty it twice, before you can drink the water.

You are now ready to enjoy, pure, fresh water for drinking, cooking, plants, pets.

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