



“SHUTTLE”

6 Stage Portable R/O System

Installation Instructions

BEFORE YOU BEGIN >> you must remove the grey/blue plug from the drinking water line, or no water will come out. Replace this cap when the system is not in use to prevent bacteria in the water line. The end cap will be grey or blue in colour.



PLEASE NOTE: Laws and regulations now prevent us from wet testing filtration systems prior to sending them out. Therefore during the initial assembly of this system, all connections are assembled dry, and in some cases don't completely seal as they would if they were wet. If you notice any leaking, please turn the water supply off, and depress the collar where the tubing enters the filter system, while simultaneously pulling the tubing out. This will wet the tubing which will enable a wet seal, then simply push the tubing back into the connector. Z

NOTE: We recommend regularly testing your pH levels to help determine when cartridge replacements are required for the Stage 4 “XstreamMn Alk” Cartridge.

Before Use: disconnect the tubing from the tap to the 1st filter, and then plug it into the “IN” line on the GT6-0 cartridge.(knurl to cap end). Turn on tap and flush the cartridge for 3-5 minutes to flush any media dust out before use. Restore both lines to original position.



1. **Screw off the strainer from the kitchen tap, then connect the diverter valve to kitchen mixer tap (using the adaptor provided if required)**



2. **Because the Pre and Post Carbon Filters will release some fines, we have left the line off before the membrane. When installed and ready for use, run water through the first filter until the water runs clear, then push water line into membrane housing firmly.**



(Note: Parts & Components may vary. This picture is for display purposes only)

3. **The diverter valve remains in place permanently. To disconnect or re-connect the filter, simply separate the water line at the inline joiner (pictured above) by depressing the outer collar on the joiner and pulling the water line out. To re-install simply push the line back in firmly.**



4. Reverse Osmosis Systems produces waste water, so place the drain line directly down the kitchen sink to dispose of this waste water



5. Place filtered water line directly into desired storage container for fresh, fluoride free water! Be sure to leave your storage container on the sink area in case of overflow.

No Installation is required for the 6th Stage. The magnetic rod is assembled prior to it arriving to you. See picture below.



Your Cartridges and Membranes will need replacing at regular intervals:

As a general rule, any cartridges BEFORE the membrane should be replaced every 6 months. This will help ensure the membrane itself will last between 3-5 years. The Life Energy Ceramic FIR Cartridge is to be replaced every 2 years. The XstreaMn Alk Cartridge should be tested periodically by means of pH test strips – but estimated life span is 12-24 months. The post XstreaMn Carbon GAC (taste and odour cartridge) should be replaced every 12 months. The magnetic Water treatment device will not need replacing.

On a standard 6 stage system the changes would be similar to this:

GT6-1G	Carbon GAC Cartridge – 6 months
GT13-3	Membrane – 3/5 years
GT6-10	Life Energy Ceramic FIR Cartridge – 2 years
GT6-0	XtreaMn Alkalizing Filter – 12 to 24 months (depending on pH readings)
GT6-11	XtreaMn Carbon - 12 months
GT31-14	Magnetic Water Treatment System – never

These times vary depending on the quality of your water, so if you begin to detect a different taste or odour in the water, you may need to replace them sooner than noted above.

Maintenance and care of filtration tubing.

At times, and in the right conditions, its possible for mildew and/ or a bacterial content to colonise on or in the end of the delivery pipe to your drinking water container.

This will only occur when the end of the tubing is left open or the tubing is stored away whilst remaining wet.

The bacteria can present itself as a colouration or a mass of small particles being delivered into the drinking water. This colour is often pink but can present in many different forms.

This bacteria/mildew is common, so regardless of your kitchen hygiene practices it's possible to have this mildew contamination – as the spores are airborne and inhabit wet areas in kitchens.

To avoid this we suggest the following:

- 1/ applying the end cap provided with the kit when the system is not in use.
- 2/ Make sure the delivery pipe is clean and dry when not in use.
- 3/ remove the last length of delivery line from the system and soak in a sanitizer every 2 weeks.
- 4/ replace the end length of tubing at each filter change, the tubing is approx \$1.50 per meter.



Quick Connect Joiner with Grey End Plug in position