



"PORTABLE R/O SYSTEM"

Size: 39cm Length x 13cm Wide

Weight: Less than 1 kg (dry)

Fluoride is a hot topic in most states, but more so in QLD with the announcement that fluoride has now been added to our drinking water. We do not enter in discussions as to if we agree or disagree with fluoride inclusion, however we do give you the option to make that choice for yourself, and if you decide you do not want it, than we have solutions for you.

Fluoride is a toxin, and regardless of any benefits that may be achieved, It is the desire of some of the population to extrude it from their drinking water. This presents a problem as many traditional filtration systems fail to be able to remove fluoride as it is a mineral salt.

There are many forms of filtration available on the market that claim to remove fluoride, and in many cases they do in fact remove fluoride, however, it is our experience that these standard systems may in fact only remove all fluoride in the short term, (days or weeks) before expiring and not having any further ability to remove fluoride in the long term.

The only proven and true method of removing fluoride in the long term is Reverse Osmosis Filtration. This is not a new technique, and tests show that it continues to extract fluoride effectively over a long period of time.

We designed this new portable system based on R/O technology but we have configured the system as a portable unit that can be snapped into and out of line on the kitchen sink in as little as 30 seconds. The system can be neatly and discreetly stored under your sink, and pulled out and used when necessary. Can be used over-night to replenish filtered water supplies and then effortlessly placed under your sink until next needed. Ideal for caravans or whilst travelling, when you are unsure of the quality of water you and your family will be drinking.

The idea of this system is to set it up of an evening, for overnight operation, so that whilst you sleep you are creating up to 20Ltrs of fresh fluoride free filtered water. In the morning, it's as simple as re Fridgerating your fresh water and disconnecting your portable R/O system until next needed. It is compact enough to neatly be stored under your kitchen sink, out of your way.

This process takes as little as 30 seconds! Other R/O systems require hard plumbing, this system is connected to your mixer tap with a diverter valve which remains on your tap as a permanent fixture.

We supply high pressure feed line from the diverter valve to the R/O system, and after that we supply a softer more flexible line as the pressure is not as strong. We can safely use low pressure soft tubing from the membrane to the drain hole, without plumbing.

- * Fully Portable
- * Easy to install
- * Neatly and discreetly tucks away under you sink
- * Ideal for caravan or travelling

This system is approx 1/3 of the price of standard R/O systems, its fully portable and has the ability to produce up to 120 Ltrs of water per day if required. (pending pressure available)

Installation Instructions



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.**



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.

Your cartridges and membranes will need replacing at regular intervals. We stock all replacement cartridges and parts. Cartridges need to be replaced approximately every 6 months, membranes need to be replaced approximately every 3–5 years. 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.

For all Kits, cartridges, replacements and spares contact:

