

# Countertop Reverse Osmosis System

## RO4000 - 4 Stage Drinking Water Filter System

**PLEASE READ CAREFULLY BEFORE ATTEMPTING MAINTENANCE**

### System Assembly Diagram 1



### Labelled Components

- 1** Carbon Pre-Filter *Made in USA*
- 2** RO Membrane *Made in USA*
- 3** Carbon Post Filter *Made in USA*
- 4** Alkaliser Filter *Made in USA*
- A** Diverter
- B** 1/4" white tube **FOOD GRADE**
- C** Pressure Gauge
- D** 1/4" black tube **FOOD GRADE**
- E** 1/4" blue tube **FOOD GRADE**

### Step by Step Maintenance

**Before attempting maintenance please ensure you have switched off the feed water to your system.**

1. Remove the cover by compressing the clips at each end of the unit.
2. Taking note of the direction indicated on the filter label, unscrew the Carbon Pre-Filter and dispose.
3. Unscrew the Carbon Post-Filter and re-install it in the position of the Carbon Pre-Filter. *The Carbon Post-Filter has only been used as a polishing filter, hence it can be re-used as the Carbon Pre-Filter.*
4. For instructions on how to replace the RO membrane\* please see Page 2.
5. Install the new Carbon Post-Filter by inserting the new filter into the existing head assembly.
6. To replace the Alkaliser Filter, remove the stem elbow (with blue tube inserted) from both the inlet and outlet of the filter cartridge - pushing on the filter's collet whilst pulling the stem elbow. To install the new filter; if necessary remove any dust plugs and re-attach the stem elbows with the blue tube inserted.
7. Flush the system before use; with the blue tube feeding to a drain, run water through the system for a few minutes. Dis-colouration and aeration may occur - this is normal and occurs when the non-toxic carbon fines and oxygen are flushed from the new cartridges.

\* Depending on water quality and usage, your RO Membrane should last 3-6 years. Your pure water quality can be tested with a conductivity meter measuring total dissolved solids (TDS) from the pure water outlet - this will indicate the rejection of contaminants ratio. Purchase a TDS Reader or alternatively a complimentary service is available at either of our showrooms listed below.