



## **Basic maintenance - Reverse Osmosis, Softeners and DI cartridge**

We recommend the following for an uninterrupted supply of purified water:

### **DAILY:**

#### **1) Water Softener(Pre-RO):**

a) **Disposable(EY206/211)**- is the digital water-flow meter display below capacity of softener? *Change the softener if the capacity has been exceeded.*

or

b) **Permanent(EY7010/EY70033)**—ensure the salt chamber is topped up.

#### **2) Reverse Osmosis (RO):**

- ✓ Is water TDS reading being dispensed below that needed for your autoclave model? NB—let water run for 15 seconds before taking any reading, **either** from the RO built-in meter OR from hand-held TDS meter if you have a EY805/810 Di cartridge installed. Note the hand held meter measures TDS (ppm) and most autoclaves measure microsiemens. CONVERSION 1 ppm TDS>1.5ppm microsiemens.
- ✓ Are any of numbers 1-5 lights flashing? *Change cartridges* if yes
- ✓ **Turn off mains water feeding RO unit every night** to avoid unexpected leaks- valve is typically found connecting plastic tubing to mains copper pipes behind or underneath the RO unit.

#### **3) Deioniser Cartridge- Di (Post-RO):**

- Has the Di cartridge exceeded its capacity? Test water from the dispensing valve/tap using a hand held TDS meter and ensure reading is below what your autoclave needs (normally 10ppm) - *change cartridge if above.*

### **MONTHLY:**

- Test water coming out of the dispensing tap or gun with a TTC/TVCdip-slide for bacterial contamination.(Supplier code BFCD501). Use '*Biofilm cleaning kit*' if necessary (video for how to use on 'YouTube').

### **ANNUALLY:**

- Change ALL 5 cartridges on the RO at the same time

For further help, please email [technical@cleancert.co.uk](mailto:technical@cleancert.co.uk)