

## MEMBRANE CLEANING CARTRIDGE PROCEDURE



The goal is to run the chemical solution into the system so that it can soak into the membranes overnight. Do not run the system too long (more than 1 minute) so that it runs out through the system and down the drain, wasting the cartridge & requiring a new cartridge.

### CLEANING PROCEDURE:

1. Reduce system pressure to 50 psi and direct permeate outlet to drain.
2. Turn off system and remove sediment pre - filter from the grey pre-filter housing on the RO.
3. Insert cleaning cartridge into sediment pre - filter housing.
4. Turn on system and make sure pressure is at 50 psi.
5. Turn on water for exactly 45 seconds.  
**Do not run the system too long (more than 1 minute) so that it runs out through the system and down the drain, wasting the cartridge & requiring a new cartridge.**
6. Turn off system and let the system sit idle for a minimum of 8 hours and ideally for 24 hours.
7. This allows the cleaning chemical to soak into the membranes to clean them.

### RE-START PROCEDURE:

7. Remove cleaning cartridge and replace with new sediment pre - filter.
8. Turn system on, leaving system pressure at 50 psi and flush to drain for 10 minutes. You can check pH of drain water after 10 minutes to make sure it has returned to the pH reading before the cleaner was introduced. Verifying pH, ensure all the cleaner has been flushed from the system.
9. Reconnect the permeate line to back to the clean water storage tank.
10. Return flow rates and pressures back to normal operation. The permeate flow rate and % rejection should have increased.



#11916 - Membrane Cleaning Cartridge-20"x4.5" - Scale Removal  
#11917 - Membrane Cleaning Cartridge-20"x4.5" - Organics Removal  
#11918 - Membrane Cleaning Cartridge-20"x4.5" - Silica Removal

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