



## **AKS AND GEM R.O. SYSTEM START-UP PROCEDURE**

- 1) BEFORE STARTING THE R.O. SYSTEM, LIFT THE BRINE TANK LID AND LOOK FOR A DEPRESSION IN THE SALT. WHEN THE WATER SOFTENER REGENERATES PROPERLY, YOU WILL SEE A SMALL DEPRESSION IN THE SALT AROUND THE BRINE WELL. IF YOU DON'T SEE A DEPRESSION, PERFORM A HARDNESS TEST EVERY 2 HOURS TO CONFIRM YOU ARE STILL OPERATING THE R.O. ON SOFT WATER. **KEEP THE SALT LEVEL ABOVE THE WATER LEVEL.**
- 2) RECORD THE DATE AND HOUR METER READING ON THE LOG SHEET. BE SURE TO INCLUDE THE YEAR.
- 3) SLOWLY OPEN THE SOFT SAMPLE PORT ON THE WATER SOFTENER AND ALLOW IT TO RUN TO DRAIN OR INTO A CONTAINER FOR 15 TO 30 SECONDS BEFORE YOU TAKE THE TEST SAMPLE. THIS IS TO ENSURE THE SAMPLE YOU TAKE IS FROM INSIDE THE WATER SOFTENER AND NOT FROM THE PREVIOUS DAYS' WATER IN THE PLUMBING. RECORD THE RESULTS IN THE A.M. HARDNESS COLUMN ON THE DAILY LOG SHEET. THE HARDNESS SHOULD BE ONE GRAIN OR LESS.
- 4) PERFORM TOTAL CHLORINE TEST. IF YOUR SYSTEM HAS CARBON TANKS, BE SURE TO TEST THE PRIMARY TANK(S). ALLOW THE SAMPLE PORT TO RUN TO DRAIN OR INTO A CONTAINER FOR 15 TO 30 SECONDS BEFORE YOU TAKE THE TEST SAMPLE. IF THE PRIMARY TANK(S) INDICATE A POSITIVE READING, PERFORM THE SAME TEST AT THE SECONDARY TANK(S). **DO NOT DIALYZE PATIENTS IF THE TOTAL CHLORINE LEVEL EXCEEDS .1 PPM. CHECK FACILITY POLICY FOR MAXIMUM ACCEPTABLE TOTAL CHLORINE LEVELS.** RECORD THE TIME, YOUR INITIALS AND THE TEST RESULTS ON THE DAILY LOG SHEET. THE TOTAL CHLORINE LEVEL MUST BE LESS THAN .1 PPM. **A TOTAL CHLORINE TEST MUST BE PERFORMED ONCE BEFORE EACH SHIFT OF PATIENTS.**
- 5) IF THE ABOVE READINGS ARE ACCEPTABLE, PRESS THE "POWER" SWITCH TO ACTIVATE THE LOW VOLTAGE SUPPLY ON THE R.O. SYSTEM.
- 6) PRESS THE "LOW PRESSURE" SWITCH TO START THE R.O. SYSTEM. IF YOUR R.O. SYSTEM OPERATES WITH A BLADDER TANK OR R.O. WATER STORAGE TANK, THE R.O. WILL START AUTOMATICALLY IF THE STORAGE TANK LEVEL IS BETWEEN THE RESTART AND TANK FULL LEVELS. THERE WILL BE A 5 SECOND TO 10 SECOND DELAY BEFORE THE R.O. STARTS. THIS IS TO INSURE WATER ENTERS THE PUMP BEFORE IT STARTS.
- 7) PRESS THE "FLUSH" SWITCH. THE SYSTEM WILL GO INTO A FLUSH CYCLE FOR 5 MINUTES. AT THE END OF THE 5-MINUTE FLUSH CYCLE, THE SYSTEM WILL AUTOMATICALLY RETURN TO THE R.O. MODE. AT THE TIME, START THE DIALYSIS MACHINES.
- 8) AFTER THE FLUSH CYCLE IS COMPLETED, RECORD THE REST OF THE INFORMATION REQUESTED ON THE DAILY LOG SHEET. BE SURE TO INCLUDE YOUR INITIALS AT THE BOTTOM.

- 9) AT THE END OF EACH DAY, A SECOND HARDNESS TEST MUST BE PERFORMED TO INSURE THE SYSTEM OPERATED ON SOFT WATER ALL DAY. THIS TEST SHOULD BE PERFORMED OAFTER ALL EQUIPMENT AND THE R.O. SYSTEM HAS BEEN SHUT OFF.

IF YOU HAVE ANY QUESTIONS CONCERNING ANY INFORMATION RECORDED ON THE DAILY LOG SHEET, PLEASE CALL 1.800.755.1707. IF YOU CALL OTHER THAT DURING NORMAL BUSINESS HOURS, YOU CAN PAGE A TECHNICIAN ON CALL BY DIALING 714.461.6529.