

# MROS OPERATION SUMMARY

SEE OPERATIONS MANUAL FOR COMPLETE INFORMATION



1. VERIFY THAT THE MROS UNIT IS CONNECTED TO A WATER SUPPLY (INCOMING WATER PRESSURE WILL BE INDICATED ON THE PREFILTER GAUGES).
2. DISCONNECT THE PRODUCT HOSE FROM THE DIALYSIS MACHINE AND DIRECT TO A DRAIN.
3. PLACE THE FLUSH VALVE IN “FLUSH.”
4. SWITCH THE MROS ON AND ALLOW THE MROS TO RINSE FOR 5 TO 10 MINUTES.

**NOTE:** THE PUMP PRESSURE WILL BE LOWER AND CONDUCTIVITY WILL BE HIGHER THAN NORMAL WHEN THE MROS IS IN FLUSH. THE CONDUCTIVITY ALARM MAY SOUND.

RINSING THE MROS REQUIRES GREATER AMOUNTS OF FEED WATER THAN NORMAL OPERATION. IF THE PRESSURE FEEDING THE MROS IS LOW, IT MAY ENTER A LOW PRESSURE FAULT DURING FLUSH.

5. PLACE THE FLUSH VALVE IN “OPERATION.”
6. VERIFY THAT THE FEED WATER TEMPERATURE IS BETWEEN 41°F AND 90°F.
7. VERIFY THAT THE PREFILTER GAUGES INDICATE AT LEAST 20 PSI (POUNDS PER SQUARE INCH).
8. VERIFY THAT THE PRESSURE DROP ACROSS THE PREFILTER GAUGES IS WITHIN 10 PSI OF THE VALUE ORIGINALLY RECORDED ON THE STARTUP LOG.
9. VERIFY THAT THE PUMP PRESSURE GAUGE INDICATES 100 – 150 PSI.
10. VERIFY THAT THE PRODUCT WATER CONDUCTIVITY LEVEL DROPS BELOW THE SETPOINT (MROS NO LONGER IN CONDUCTIVITY ALARM).
11. VERIFY THAT THE PRODUCT FLOWMETER INDICATES AT LEAST 0.20 GALLONS PER MINUTE (GPM) OR 0.80 LITERS PER MINUTE (LPM) (REFERENCE THE “TEMPERATURE CORRECTED MROS PRODUCTION RATE” CHARTS IN THE OPERATION MANUAL).
12. VERIFY THAT THE CHLORAMINE LEVEL (AT THE CHLORAMINE SAMPLE PORT) IS LESS THAN 0.10 PART PER MILLION (PPM).
13. IF BIOTROL WAS USED TO STORE THE MROS, VERIFY THAT THE PRODUCT WATER PH IS WITHIN RANGE AT THE PRODUCT SAMPLE PORT OR PRODUCT WATER HOSE.
14. WHEN OPERATION PARAMETERS ARE MET, TURN OFF THE MROS AND CONNECT THE PRODUCT HOSE TO THE DIALYSIS MACHINE TO BEGIN TREATMENT.
15. AFTER TREATMENT, DISCONNECT THE PRODUCT HOSE AND DIRECT TO A DRAIN.
16. PLACE THE FLUSH VALVE IN “FLUSH” AND ALLOW THE MROS TO RUN AT THIS SETTING FOR 5 TO 10 MINUTES.
17. TURN OFF THE MROS. PACK WITH BIOTROL IF THE MROS WILL BE STORED FOR 72 HOURS OR MORE (SEE SEPARATE BIOTROL PROCEDURE OR COMPLETE INSTRUCTIONS IN OPERATION MANUAL).