



MANUAL REGENERATION

Delayed Regeneration

Press and release  to program a delayed regeneration. The system will regenerate at the next Time of Regeneration (2:00 AM). Repeat procedure to disable the Delayed Regen. Regen dot blinks when delayed regeneration is on.

Immediate Regeneration

Press and hold the  for 3 seconds to initiate an immediate regeneration. The control cycles to backwash. The control will proceed through a complete regeneration. A cascading symbol (- -) will be displayed until regeneration is complete. The symbol (- -) is not displayed during a quick cycling of the control.

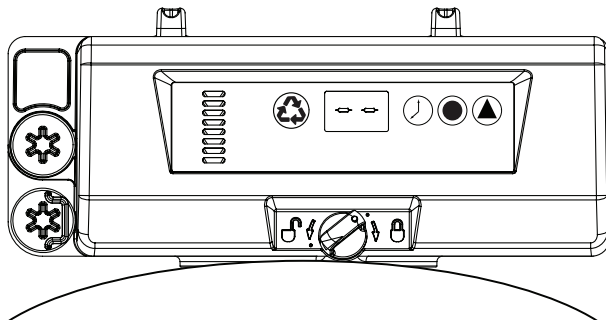






Figure 15



QUICK CYCLING THE CONTROL

Quick Cycling



Press and hold the  for 3 seconds to initiate an immediate regeneration. The control will cycle to the backwash cycle.

1. Press and release the  to display "C 1"
2. Simultaneously press then release  and  to move the control to the next cycle.

NOTE: The time may be displayed for 5 seconds.

3. Press and release the  to display "- -" or the "C#". Continued pressing of  will switch the display between "- -" and "C#".
4. Repeat steps 2 and 3 to cycle through each position.

Quick Cycle to Service Position

Simultaneously press  and  and hold for 3 seconds during any regeneration cycle. The control will skip the remaining regeneration cycles and return to the service position. The Time of Day will be displayed when the control reaches the service position.

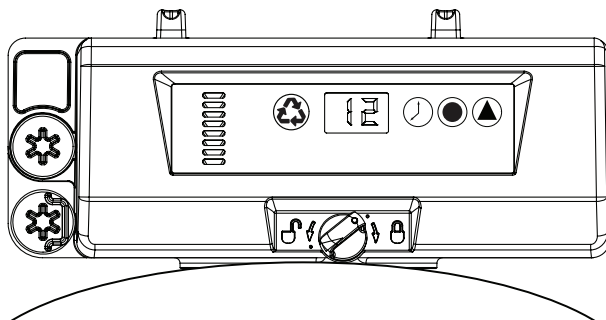


Figure 16

CYCLE DEFAULTS TABLE

Recharge Cycles:

Table 1		Length of Cycle		Time remaining to end of cycle	
Cycle	Cycle Description	HE Setting	HC Setting	HE Setting	HC Setting
1	Backwash 1	10 min	10 min	76.6 min	105.6 min
2	Brine Draw	55 min	74 min	66.6 min	95.6 min
	Slow Rinse				
3	Re-Pressurize	3 min	3 min	11.6 min	21.6 min
4	Fast Rinse 1	4 min	4 min	8.6 min	18.6 min
5	Backwash 2	1 min	1 min	4.6 min	14.6 min
6	Fast Rinse 2	1 min	1 min	3.6 min	13.6 min
7	Refill	2.6 min	12.6 min	2.6 min	12.6 min

*The camshaft does not move between Brine Draw and Slow Rinse. Slow Rinse begins when the brine in the salt tank runs out and the check valve closes.

Recharge Cycle Requirements:

	Minimum Salt/ Capacity HE	Maximum Salt/ Capacity HC
Salt/Recharge (lbs)	2.6	12.8
Recharge Time (min)	75	109
Water to Drain (gal)	37	44
Max. Flow to Drain (gpm)	1.7	1.7