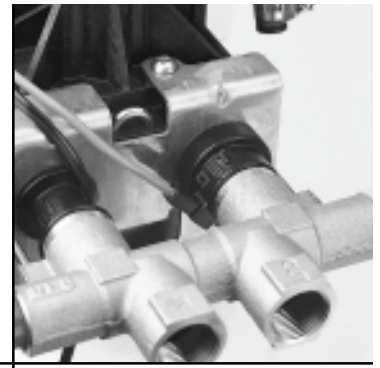


# Programming



## Setting the Microprocessor

The microprocessor senses when it is installed as a Soft-Minder<sup>®</sup> control. **Adding or removing any connection to the board will automatically reset the microprocessor to the factory settings.**

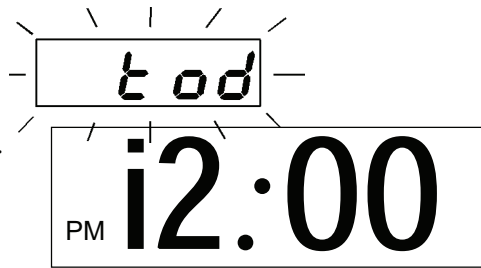
### Step 1 – Programming Time of Day

Press the “STATUS” key.

The display will blink “tod” for 3 seconds and then change to time of day with the “minutes” digits blinking. Adjust the “minutes” digits with the “+” or “-” keys. Press the “REGEN” key to blink the “hours” digits. Adjust the “hours” digits with the “+” or “-” keys. Press the “REGEN” key to cycle back to “minutes”

Note: The “hours” setting scrolls through 1-12 AM and 1-12 PM.

Make sure the proper AM or PM indicator is shown when setting the time.

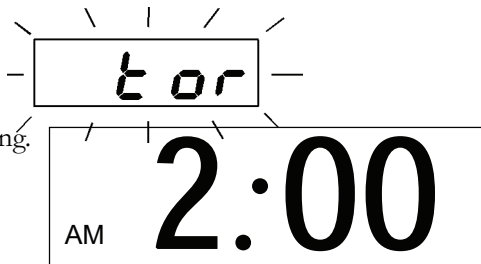


### Step 2 – Programming Regeneration Time

Press the “Status” key after setting the time of day.

The display will blink “tor” for 3 seconds and then change to the time setting with the “ones” digit blinking. Adjust regeneration time as time of day above.

Note: This option will not show if the “dIP 2” option is set to immediate

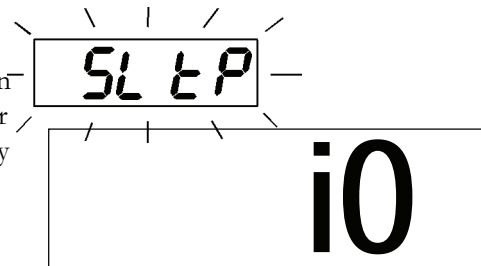


### Step 3 – Programming Salt Dosage

Press the “Status” key after programming regeneration time. The display will blink “SLtP” if set to English or “SLtG” if set to Metric for 3 seconds and then display the salt dosage.

Adjust the setting with the “+” or “-” key (3-24 lbs.) (1-10 kgs.)

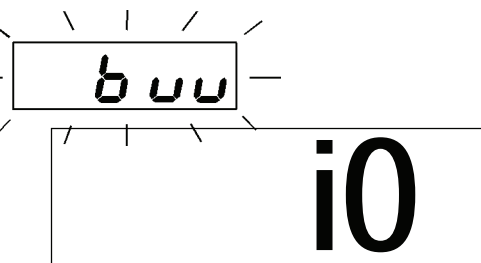
Note: This option will not show if the control is set to Filter mode.



### Step 4 – Programming Backwash Time

Press the “Status” key after programming salt dosage. The display will blink “bw” for 3 seconds and then display the backwash time in minutes.

Adjust the setting with “+” or “-” key. (1-40 minutes)





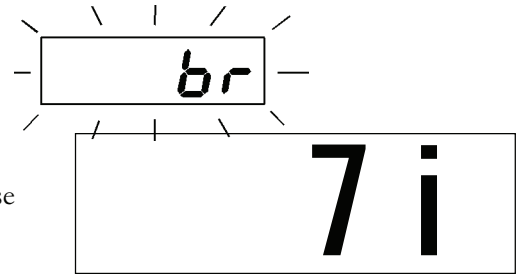
## Programming (cont.)

### Step 5 – Programming Brine Draw/Slow Rinse Time

Press the “Status” key after programming the backwash time. The display will blink “br” for 3 seconds and then display the brine draw/slow rinse time in minutes. Adjust the setting with the “+” or “-” key. (35-99 minutes).

See Table 5 for suggested brine draw/slow rinse times.

Note: *This option will not show if the control is set to Filter mode.*



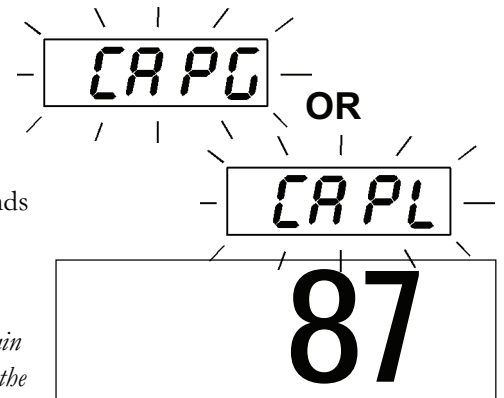
### Step 6 – Programming Gallons (Liters) or Days to Regeneration Meter Mode —

Press the “Status” key after programming the brine draw/slow rinse time.

The display will blink “CAPG” (“CAPL”) for 3 seconds and then display the gallons or liters set point.

Adjust the setting with the “+” or “-” key.  
(10-9990 Gallons)(40-37000 Liters)

Note: *The programmed value must be multiplied by 10 to obtain the actual setting. For example, if 87 is shown in the display, the control will regenerate after 870 gallons have passed through the meter.*



### Timeclock Mode —

Press the “Status” key after programming the brine draw/slow rinse time.

The display will blink “CAP” for 3 seconds and then display the number of days between regenerations.

Adjust the setting with the “+” or “-” key. (1-42 days)

### Exiting Program Mode

From Step 6 (or step 7 if it is active) press the “Status” key.

The display will go blank.

Press the “Status” key again to exit programming.

Note: *The control will exit the programming mode if no key press activity takes place within one minute.*