

Softener Regen Monitoring Programming for Conductivity Option D

Step 1:

Push the **SET UP RUN** button to get this screen. From here push **CUSTOMIZE** (Button 4) to go to the next screen.

```

>HOME SETUP<
SETPOINTS          DATE/TIME
CALIBRATION        CONFIGURE
TIMERS             HISTORY
CUSTOMIZE          WATER METER
ALARMS             RELAYS
  
```

Step 2:

This is the Customize Screen. From here push **RUN SCREEN** (Button 0) to go to the next screen.

```

>CUSTOMIZE<
UNIT NAME
RELAY NAMES          NOTEPAD
SYS NAME
INPUT NAMES
RUN SCREEN
  
```

Step 3:

This is the Customize Run Screen. From here push **COND UNITS** (Button 4) then go to the next screen.

```

>CUSTOMIZE RUN SCREEN<
TEMP/WM
SCREENS SHOWN
CYCLE TIME
COND UNITS
  
```

Step 4:

This is the Conductivity Units Screen. From here push **SYSTEM** (Button 1) to go to the next screen.

```

>CONDUCTIVITY UNITS<
SYSTEM
  
```

Push the **COND** (Button 1) to go to the next screen.

```

>CONDUCTIVITY UNITS<
COND      mS/cm
  
```

Step 5:

This is the Conductivity Units Setup screen. From here select the Unit Type by using the Arrow buttons. Then press **ENTER** and then **HOME** to go to continue.

```

>CONDUCTIVITY UNITS<
COND      mS/cm
SYS 1 COND UNITS
=> mS/cm
USE UP/DOWN KEYS TO CHANGE
PRESS ENTER TO ACCEPT
  
```

Step 6:

Push the **SET UP RUN** button to get this screen. From here push **SETPOINTS** (Button 1) to go to the next screen.

```

>HOME SETUP<
SETPOINTS          DATE/TIME
CALIBRATION        CONFIGURE
TIMERS             HISTORY
CUSTOMIZE          WATER METER
ALARMS             RELAYS
  
```

Step 7:

This is the Setpoints Setup Screen. From here push **SENSORS** (Button 1) to go to the next screen.

```

>SETPOINTS SETUP<
SENSORS
  
```

Step 8:

This is the Setpoints Screen. From here push **SYSTEM COND** (Button 1) then go to the next screen.

```

>SETPOINTS<
SYSTEM COND
SYSTEM TEMP          AUX INPUTS
  
```

Step 9:

This is the Conductivity Setpoints Screen. From here push **SETPOINTS** (Button 5) then go to the next screen.

```

>CONDUCTIVITY SETPOINTS<
SAMPLE METHOD: CONTINUOUS
SET POINT:    00100 mS/cm      FALLING
DIFFERENTIAL: 00001 mS/cm
HIGH ALARM AT: 00000 mS/cm    (DISPLAY )
LOW ALARM AT:  00000 mS/cm    (DISPLAY )
LIMIT TIME:   00:20 H:M      (DISPLAY )
SETPOINTS
  
```

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Step 10:

This is the Conductivity Setpoint Change Screen. From here push **SETPOINT** (Button 1) to go to the next screen.

```
>CONDUCTIVITY SETPOINT CHANGE<
SETPOINT
DIFFERENTIAL
HIGH ALARM
LOW ALARM
LIMIT TIME
```

Step 11:

From here, set to FALLING and the desired value by using the number keys and arrows. Then press **ENTER** and then **HOME** to go to the next screen.

```
>CONDUCTIVITY SETPOINT CHANGE<
SETPOINT
SET POINT (FALLING TO 00100 mS/cm)
[FALLING] [ ] mS/cm
PRESS NUMBER KEYS TO CHANGE, PRESS
ENTER TO ACCEPT OR BACK TO ERASE
LIMIT TIME
```

Step 12:

To set the Bleed Limit Timer, repeat steps 6-9. Then push **LIMIT TIME** (Button 5) to go to the next screen.

```
>CONDUCTIVITY SETPOINT CHANGE<
SETPOINT
DIFFERENTIAL
HIGH ALARM
LOW ALARM
LIMIT TIME
```

Step 13:

This is the Conductivity Limit Time Alarm Screen. From here push **VALUE** (Button 1) then go to the next screen.

```
>CONDUCTIVITY LIMIT TIME ALARM<
VALUE
ALARM NOTIFY
```

Step 14:

By using the number keys and arrows, set the user desired amount of time that you will want an alarm for if the regeneration does not reach the desired conductivity value - which will be the conductivity set point. Then press **ENTER** and then **HOME** to go to the next screen.

```
>CONDUCTIVITY LIMIT TIME ALARM<
VALUE
LIMIT TIME (00:20)
[ ] : [ ] HH:MM
PRESS NUMBER KEYS TO CHANGE, PRESS
ENTER TO ACCEPT OR BACK TO ERASE
```

Step 15:

Push the **SET UP RUN** button to get this screen. From here push **CONFIGURE** (Button 7) to go to the next screen.

```
>HOME SETUP<
SETPOINTS
CALIBRATION
TIMERS
CUSTOMIZE
ALARMS
DATE/TIME
CONFIGURE
HISTORY
WATER METER
RELAYS
```

Step 16:

From here push **FLOW SW** (Button 5) to go to the next screen.

```
>CONFIGURE<
PASSWORD
RELAYS
HISTORY
FLOW SW
CONTRAST
TEMP SCALE
NETWORK
SYS INFO
FACTORY
```

Step 17:

From here push **ALARMS** (Button 2) to go to the next screen.

```
>CONFIGURE FLOW SWITCH<
DIRECTION
ALARMS
TIMERS
```

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Step 18:

From here, set to WITH FLOW by using the arrow keys. Then press **ENTER** and then **HOME** to go to the next screen.

```

>CONFIGURE FLOW SWITCH<
DIRECTION
1 PROBE ALARMS (WITH FLOW)
2 -> WITH FLOW
PRESS UP/DOWN KEYS TO CHANGE,
PRESS ENTER TO ACCEPT
    
```

Step 23:

From here, calibrate reading with the sensor in the optimal high conductivity water of the peak cycle point of a good regeneration. Set the desired value by using the number keys and arrows. Then press **ENTER** and then **HOME** to finish.

```

>CONDUCTIVITY CALIBRATION<
CALIBRATE          RELAY ON
00000 (A/D: 00000)
[      ] mS/cm
PRESS NUMBER KEYS TO CHANGE, PRESS
ENTER TO ACCEPT OR BACK TO ERASE
    
```

Step 19:

Push the **SET UP RUN** button to get this screen. From here push **CALIBRATION** (Button 2) to go to the next screen.

```

>HOME SETUP<
SETPOINTS          DATE/TIME
CALIBRATION        CONFIGURE
TIMERS             HISTORY
CUSTOMIZE          WATER METER
ALARMS             RELAYS
    
```

Step 20:

This is the Calibration Screen. From here push **SENSORS** (Button 1) to go to the next screen.

```

>CALIBRATION<
SENSORS
    
```

Step 21:

From here push **SYSTEM COND** (Button 1) to go to the next screen.

```

>CALIBRATION<
SYSTEM COND        SYS TEMP
    
```

Step 22:

This is the Conductivity Calibration Screen. From here push **CALIBRATE** (Button 1) to go to the next screen.

```

>CONDUCTIVITY CALIBRATION<
CALIBRATE          Cal = 0.097
RESET ZERO
    
```