

SCHEDULER SETTINGS (Cycle Timer Set Menu)**NOTE: When making any changes to CYCLE TIMER SETTINGS**

- 1) The **CYCLE TIMER** must be "OFF" prior to making changes to scheduler settings
- 2) The **CYCLE TIMER** must be turned "ON" after changes have been implemented

1) CYCLE INTERVAL

- Period of time between run cycles
- The minimum setting is one day, maximum setting is 45 days

2) RUN DURATION

- Period of time engine runs for each cycle
- Minimum setting is 15 minutes, maximum setting is 23 hours and 45 minutes

3) FUEL TANK RESET LEVEL CHANGE

- The Cycle Interval resets when the fuel tank level changes by an amount equal to or greater than the Reset Level % Setting
- Minimum setting is 0%, maximum setting is 100%

4) FUEL LEVEL ALARM

- Fuel level alarm occurs when fuel tank falls below Fuel Level Alarm setting
- Minimum setting is 0% (No Alarm), maximum setting is 100%

OPERATION

- 1) With the **CYCLE TIMER** (ON), the controller starts circulation pump according to selected routine.
- 2) The **CYCLE INTERVAL** will reset if:
 - a. There is a change in fuel level equal to or greater than the Fuel Tank Reset %
 - b. A run signal from the generator is sensed by the controller (if this input is utilized)
- 3) With **CYCLE TIMER** (OFF), the controller is in "Manual" mode.
 - In "Manual" mode, the circulation is started by pressing the ENTER button
 - Circulation is stopped by pressing the ENTER button
 - Manual operation does not reset the Cycle Timer, current schedule stays in tact.

SLEEP MODE

- 1) The controller goes into a **SLEEP MODE** after 2 minutes to reduce power consumption.
- 2) In **SLEEP MODE**, the display goes blank and the yellow or red LED blinks every 10 seconds.
 - The yellow LED blinks every 10 seconds meaning all systems ok
 - The red LED blinks every 10 seconds meaning alarm condition is present
- 3) Pressing the UP or DOWN button wakes the controller and turns on the display.
- 4) The controller wakes for each run cycle according to the selected routine.

MENU ACCESS AND NAVIGATION**ENTER MENU**

Hold down MENU button and press ENTER button to access menus

NAVIGATE MENU

Press the MENU button to scroll available menu
Press the UP button to enter a menu
Press the DOWN button to reverse direction
Press the ENTER button to select a menu setting

EXIT MENU

Hold down MENU button and press ENTER button to exit menu

AVAILABLE MENUS**CYCLE TIMER SET MENU** - Scheduler Settings

Cycle Timer Enable (ON/OFF)

(NOTE: Turn OFF before making changes to settings & turn ON after changes are made)

Cycle Interval Selection

Run Duration Selection

Fuel Level Reset Change % Selection

Low Fuel Level % Selection

MODULE CONFIGURATION MENU (Password Protected)

Display Contrast %

Display Backlight %

Hourmeter

Battery Voltage Trim

ALARMS**Low Fuel Alarm**

- 1) Activated when fuel level drops below Fuel Level Alarm
- 2) Indicated by red LED illuminate and message on display

EXAMPLE (Current Day = January 1st)

- 1) Cycle Interval = 14 days
- 2) Run Duration = 30 Minutes

With this routine set up on January 1st, the circulation pump will run every 14 days for thirty minutes as shown below.

Set Up Day
 Run Days

January						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

February						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

March						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		