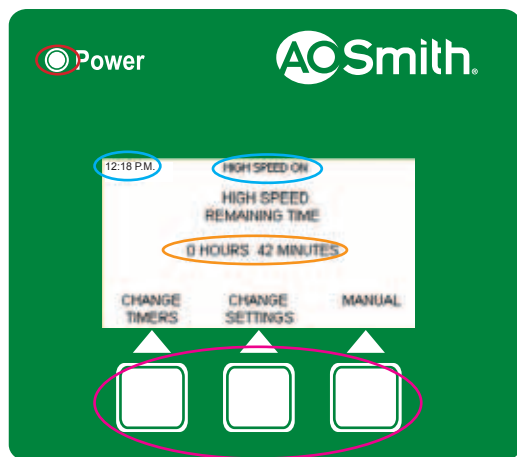


2GREEN SCREEN LAYOUT



- Power LED
- Current system time and motor status
- User-defined settings
- Data Entry keys

OVERVIEW & FEATURES

1. The power LED on the front face of the timer indicates when the motor is powered ON.
2. The user interface utilizes three square-shaped data entry keys located beneath the display screen.
3. The LCD screen is backlit and turns off after 30 seconds of inactivity.
4. It is important to set the correct clock time so that the user's preferred High and Low Speed timer settings will function as expected.
5. Once the timer program is entered, it will repeat cyclically every 24 hours unless manually adjusted by the user.
6. The motor features a battery backup to protect clock and timer settings in case of power failure.
7. The default maximum duration on High Speed is 12 hours. If the user opts to run the motor on High Speed for longer than 12 hours, the maximum High Speed limit must be adjusted.
8. The motor operates in either High Speed or Low Speed, and speeds cannot be set to overlap.
9. An attempt to overlap the High Speed and Low Speed timer settings will result in an error message, and the user will have to adjust so that the speeds do not overlap.
10. In Manual mode the user can specify the period of time the motor overrides the Timer mode. Manual mode is set in increments of one hour.
11. The motor can operate in either Manual High or Manual Low for a maximum of 24 hours. Once the Manual mode ends, the motor will revert back to Timer mode.
12. To return to Timer mode while in Manual mode, press Manual on Main Screen, then press Resume Timers.
13. To adjust display contrast, press Change Settings. Then select Change Contrast and adjust by pressing either the + or – buttons. Press Enter to save the settings.
14. Timer mode settings can be changed when necessary, even when the motor is ON. The motor will shut off until the new settings have been entered and stored. The changed settings will take effect immediately.
15. The motor is equipped with a fault log and records error codes for service reference. When an error code flashes on the screen, the timer is disabled and the user or service technician will need to recycle the power.

WARNINGS & NOTICES

1. The built-in electronics control only one line input to the motor. The system power must be disconnected prior to installing/servicing to avoid the risk of electrical shock, electrocution, or personal injury such as shocks or burns, or damage to the equipment.
2. The 2Green motor is not a primary protection device. Additional and appropriate protection devices must be incorporated into the system as required by federal, state, and local laws.
3. The 2Green motor meets California Title 20 Compliance for Pool Pumps as well as all other legal requirements for the state.
4. It is important to set the correct clock time so that the user's preferred High and Low Speed timer settings will function as expected.

Green Choice®

2Green™

A premium efficiency motor in the Centurion motor family.

TIMER INTERFACE QUICK START GUIDE

Premium Efficiency means reduced energy consumption and lower utility costs!



Premium Efficiency Two-Speed Motor
with Integrated Timer



ACSmith®

A. O. Smith Electrical Products Company
531 North Fourth Street
Tipp City, OH 45371
Customer Service: (800) 262-6484
Fax: (937) 667-5030

Distribution Services
1325 Heil Quaker Blvd.
LaVergne, TN 37086
Phone: (866) 887-5216
Fax: (800) 468-2062
www.pool-motors.com

ACSmith®



Introduction

The 2Green™ motor's integrated electronics control the power supply to the motor. The interface controls the Start and Stop time of the two-speed single phase induction PSC motor. The motors are rated up to 230V AC at 3.45 HP or 115V AC at 1.26 HP.

The 2Green offers the Timer mode and Manual mode. You can set either High Speed or Low Speed in both modes. You can set the timer to power ON and OFF at specific times. Only one mode can be activated at a time. It takes the timer only two seconds to turn the motor on in both modes for high speed and low speed.

The 2Green motor offers the following:

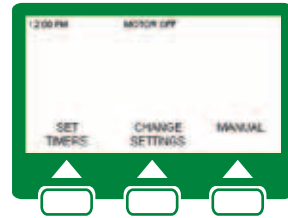
- Wide LCD display with contrast adjustment
- User-friendly interactive screens
- Timer mode eliminates need for frequent user adjustment
- Settings are protected in case of power failure
- Low power standby mode
- LCD backlight turns off after 30 seconds of inactivity
- Power ON LED indication
- Timer recognizes an overcurrent condition and protects the electronics

Setting the Clock Time

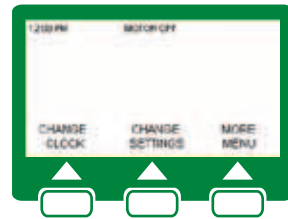
Reminder: User must manually adjust the time to accommodate for regional time zone differences as well as for daylight savings.

Be sure to set the clock to the correct time upon startup so that the timer settings will function in accordance with the user's desired schedule.

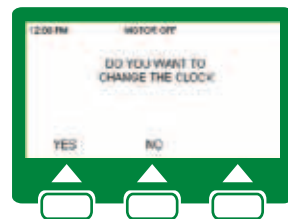
1. On the main screen press CHANGE SETTINGS.



2. Press CHANGE CLOCK.



3. Press YES to change the clock setting or NO to return to the main screen without changing the time.



4. Press HOUR or MINUTE.



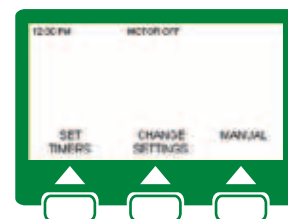
5. Press and hold + or - to set the time. Press ENTER to save the settings. Press ENTER when the hour and minutes are set to return to the main screen.



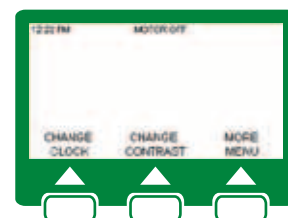
Setting Maximum High Speed Time Limit (if necessary)

If the user opts to run the 2Green motor on high speed for longer than 12 hours, the Maximum High Speed Limit must be reset. The default is set for a maximum of 12 hours.

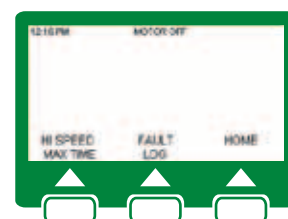
1. On the main screen press CHANGE SETTINGS.



2. Press MORE MENU.



3. Press HIGH SPEED MAX TIME.



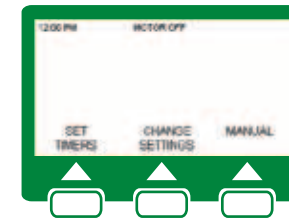
4. Press the + or - to increase or decrease the High Speed maximum time. Press ENTER to return to the main screen.



Maximum setting is 24 hours. Minimum is one hour. An error message will flash on the screen for 10 seconds if user tries to set too high or too low. User will then be prompted to reset the High Speed maximum time.

Setting High Speed Timer

1. Press SET TIMERS at the main screen.



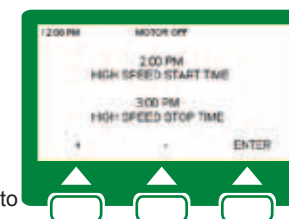
2. Press YES to set the High Speed timer. If No is selected, the Low Speed timer settings screen appears.



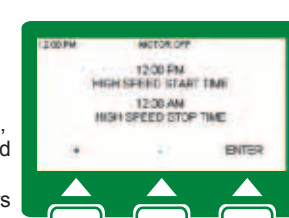
3. Press + or - to set the High Speed Start Time. Press ENTER to store the High Speed start time.



4. The High Speed stop time displays. Press + or - to change the High Speed stop time, or press ENTER to accept the times.



5. If the High Speed ON duration does exceed the Maximum limit, the High Speed default time screen appears after the error message flash. Press ENTER.

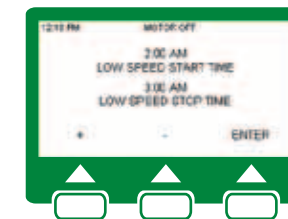


Setting Low Speed Timer, Initiating Timer Program

User will be prompted to set the Low Speed timer. Press Yes.



As with the High Speed timer, the user will first set a Low Speed start time and press Enter, then they will set a Low Speed stop time and press Enter.



To save, press Save Times and the user will return to the Main Screen.

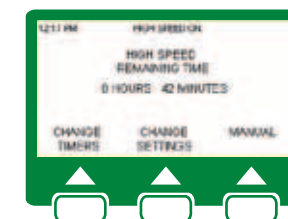


Note that High and Low timer settings cannot overlap. User will get an error message and will have to adjust.

Startup Consideration – Priming the Pump

Depending on the program settings saved and the actual clock time, the motor will either begin running in the appropriate speed or remain off until an appropriate start time based on the program entered by the user.*

* If continuous operation wasn't established by setting the High and Low speeds to operate 24 hours per day.



If the motor does not start in High Speed, the user may need to select Manual, then start on High in order to prime the pump.

Manual Mode

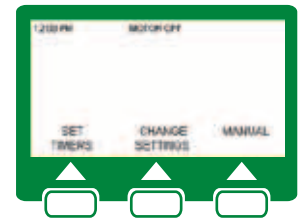
The Manual mode turns the motor ON or OFF from either High or Low Speed timer mode for specific duration defined by user.

Duration is set in one hour increments. Timer mode reactivates automatically after specified Manual mode duration ends.

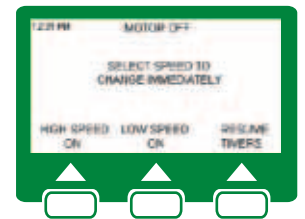
Maximum duration for Manual High is 24 hours.

Manual mode has three current Motor Status settings, each with two option settings.

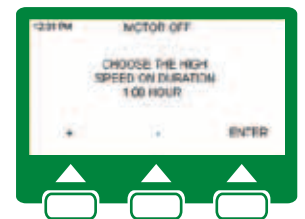
1. Press MANUAL ON the main screen.



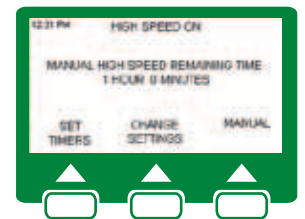
2. Select the manual mode desired or choose to resume timer program. For example, press Manual High On.



3. Press + or - to increase or decrease the High Speed ON duration. Press ENTER to save the settings. The motor turns on in High Speed and runs for the time duration the user sets.



4. The main screen shows the remaining time.



While in Manual mode, the user may desire to turn Manual High off, to switch to Manual Low, or to end Manual Mode entirely and return to Timer mode. To adjust, press Manual and then select the operation desired.