









Microprocessor Controller

This quick start document is intended to help with getting the initial unit startup completed, but does not replace the IOM. Please read the IOM for all safety information and precautions before performing any work on the equipment.

Keypad Description		
	Alarm	Button will blink red, indicating an alarm condition. Press to review current alarms. To review previous alarms, access the DATA LOGGER through the main menu.
	Down Arrow	The arrow keys allow the user to scroll through different screens and adjust parameters.
	Up Arrow	
	Enter	A. In screens with adjustable parameters, pressing the Enter key moves the cursor from the upper left corner of the screen to the parameter. The arrow keys can then be used to adjust the parameter. B. To move to the next parameter on the same screen, press the Enter button. C. To save the change, press the Enter button until the cursor moves back to the upper left corner of the screen.
	Escape	Allows the user to exit the current menu, jumping to the Main Menu.
	Program	Pressing the Prg (Program) button allows the user to enter the Main Program Menu.

MAIN SCREEN: The main screen displays the program version, unit code and STATUS LINE. The STATUS LINE displays what mode the unit is in. If contacting the factory for assistance, you may be asked for the program version and unit code.

MENU NAVIGATION: The controller will revert to the main screen after several minutes of inactivity. Pressing the UP or DOWN arrow key from the main screen will cycle the display through the Main Status Menu.

Pressing the Program key allows the user to enter the Main Program menu. The Main Program Menu consists of several menus to help guide users with altering program parameters.

UNIT START COMMAND: The unit ships from the factory in a disabled state. To allow the unit to operate, the controller must receive a run command from digital input ID4. Jumper unit terminals R – G to allow the unit to operate. The unit can then be configured to turn On/Off by the BMS or by the controller’s scheduler.

BMS – Enable BMS ON/OFF control in On/Off Unit menu.

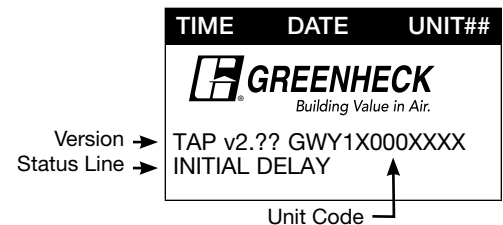
Scheduler – Enable and set a schedule in Clock Scheduler menu.

SET POINTS: To view or adjust set points and lockouts, go to the Set point menu.

BMS Configuration: To configure BACnet, Modbus or Lonworks configuration settings, go to the Service > BMS Config menu. You will be required to enter the service password found in the controller IOM.

To enable the BMS to write set points, go to the Set point menu and adjust the “Set Point Source” to BMS.

UNIT TESTING: To manually override the units control loops and I/O, go to the Service>Overrides menu. You will be required to enter the Service password found in the controller IOM.



Main Menu Layout
On/Off Menu
Setpoint
Clock/Scheduler
Input/Output
Data Logger
Board Switch
Service
Information
Overrides
BMS Config
Service Settings
Password/Default
Manufacturer
Configuration
I/O Config
Factory Settings
Initialization