

THE PIT BOSS II™

PLUNGER LIFT CONTROLLER

Quick Install Guide

Step 1 - Wire Back Panel

a) Plug in Valve Connectors.

b) Connect Field Devices.

- 2 Wire Switches are wired to COM and SIG.

- 3 Wire Sensors are wired to PWR, COM and SIG.



c) Plug in Battery Connection.

d) Connect Solar Panel.

Step 2 - Setup Security

a) Press **menu** and then **7** to enter the **System** menu.

b) Enter the default login of 000-0000.

c) Press **enter** until you see Operator ID.

d) Press **1 yes** and set the desired ID.

e) Press **1 yes** to change the Installer ID in the same manner.

Note: Only the Installer has the ability to see or change login IDs.

Step 4 - Setup Controller

a) Press **menu** and then **4** to enter the **Install Setup** menu.

b) Press **1 yes** to confirm a new install.

c) Press **1 yes** to stop the controller.

d) Press **1 yes** to adjust the amount of time to stop the controller.

e) Press **enter** to scroll through each setup screen.

f) Press **1 yes** to adjust a particular setting.

Note: Changes to install settings do not take effect until the next **Close** cycle.

Step 3 - Set Date/Time

a) Press **menu** then **2** to enter the **Set Date/Time** menu.

b) Press **1 yes** and adjust the Date.

c) Press **1 yes** and adjust the Time.

d) Press **1 yes** to change Daylight savings time option.

Step 5 - Start Controller

a) Press **close** or **open** to set the controller back into normal operation.

b) The controller will set the valves and the screen will update to show the current state and remaining time.



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Quick Tips

Changing Timers

- Press **menu** and then **1 yes** to enter the **Adjust Settings** menu.
- Press **enter** to scroll through each screen.
- Press **1 yes** to edit a given setting.

Note: Some timers are constrained by a minimum or maximum value that is set in menu 4.

Note: Timer settings do not take effect until the next **Close** cycle.

Adding/Removing Devices

- Press **menu** and then **5** to enter the **Device Setup** menu.
- Press **enter** to scroll through each screen.
- Press **1 yes** to edit a given setting.

Note: Additional device screens are hidden until the device is enabled.

Note: Changes to device settings do not take effect until the next **Close** cycle.

Hold Open/Closed

- Press **menu** and then **9 no** to hold the current valve state.
- The valves will be held indefinitely and the stopped timer will count up.
- Press **close** or **open** to restart the controller.

View History

- Press **history** to enter the **History** menu.
- Press the number corresponding to the history you wish to see.
- Press **enter** to scroll through each history screen.

View Alarms

- Press **menu** and then **3** to enter the **Alarms** menu.
- Press **enter** to scroll through each screen.
- On the Reset Alarms screen, press **1 yes** to clear all alarms.

Configure Modbus

- Press **menu** and then **8** to enter the **Modbus Setup** menu.
- Press **1 yes** to select the Modbus enable.
- Press **2** to select enabled.
- Press **enter** to scroll through each setting.
- Press **1 yes** to adjust the desired settings.

Note: To communicate with a Modbus master, all communication settings must match the master's settings.



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