



**IMPORTANT FOR FUTURE REFERENCE**

Please complete this information and retain this manual for the life of the equipment:

Model #: \_\_\_\_\_

Serial #: \_\_\_\_\_

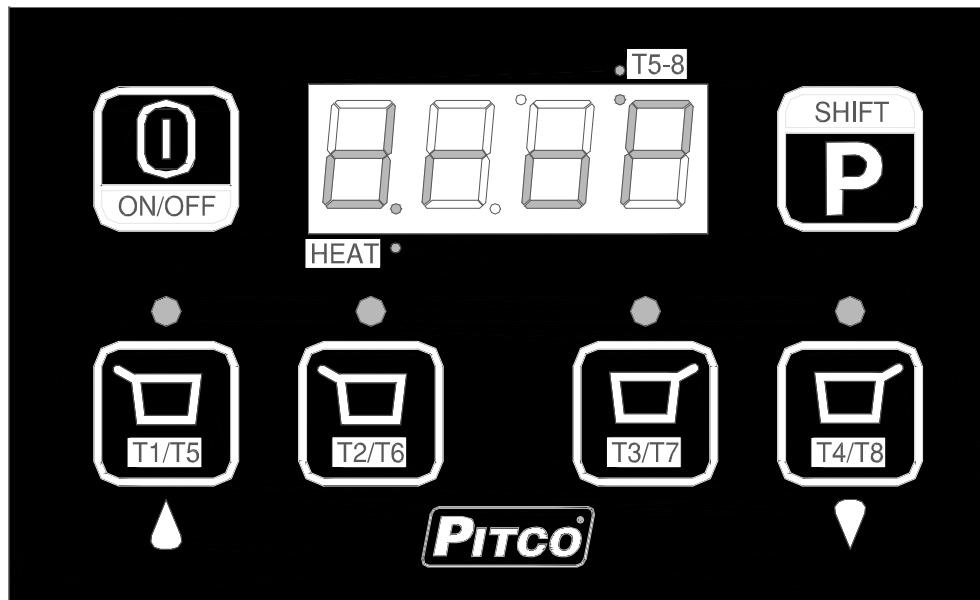
Date Purchased: \_\_\_\_\_

# Operations Manual

Covering

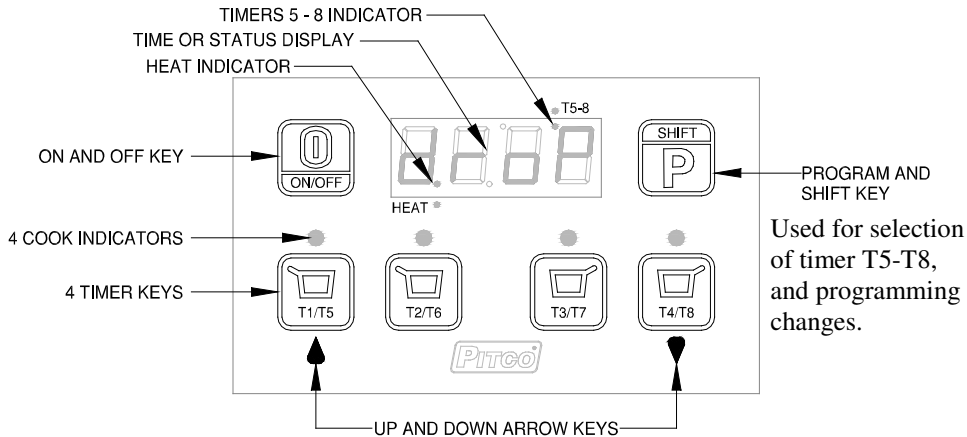
## **Pitco Compact Controller**

Pitco p/n 60143801, 02, and 03



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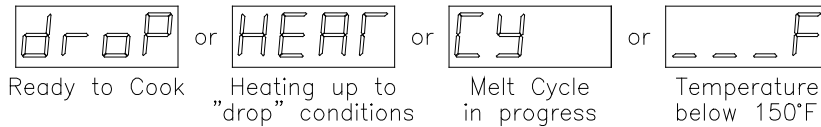
**1. Keypad and Display Functions:**



**2. Normal Operations: (for the operator)**

**2.1. To turn control ON:**

Press the [I/O] key. Display will momentarily show the current Appliance Type "APLx" for 2 seconds and then to one of the normal displays shown here.

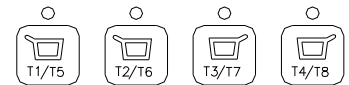


**2.2. To turn control OFF:**

Press and hold the [I/O] key for 3 seconds. Display will show [oFF].

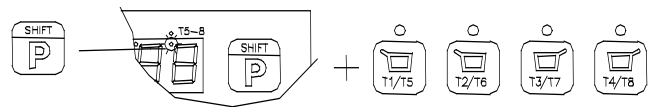
**2.3. To Start a Cook Timer:**

Press a Basket Key T1-T4 to start a cook timer in this group.



**2.4. To select T5-T8 Cook Timers:**

Press the Shift key. The T5/T8 indicator illuminates when timers in this group may be selected. Press desired basket key.

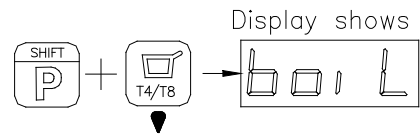


**2.5. To Cancel a Cook Timer:**

Press the Basket key until light above the key is off.

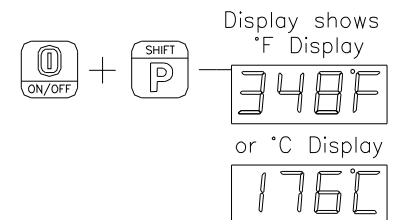
**2.6. To Perform a Boil Out:**

Press the [P] key and the Down arrow key simultaneously. To exit boil mode, turn controller off.



**2.7. To Display Vat Temperature and Set Temperature:**

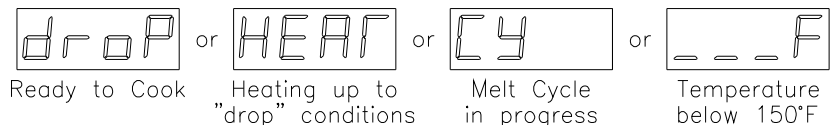
Press the [I/O] key and Program [P] key simultaneously. Display will show actual VAT temperature (348°F/176°C in this example).



Press the [SHIFT] [P] key. Display now shows the SET temperature.

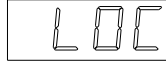
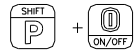
Press the [SHIFT] [P] key. Display again displays actual vat temperature. To

exit, make no key presses for 3 seconds and display will return to normal display.

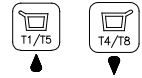


**3. To Enter Programming: (for the store manager)**

Press the [I/O] key and Program [P] key simultaneously for 2 seconds. Vat temperature will display momentarily, then display will show one of two possible displays; [butt] for button or [Loc] for Locked.

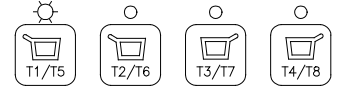


If locked, press the UP arrow TWO times, then the down arrow TWO times to unlock. Display shows:



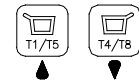
**3.1. To set timers T1-T8:**

Select a timer key to change. The light above key illuminates (T1 in this example). Display will show current timer setting in MM:SS format.



Press the UP arrow key or DOWN arrow key to adjust timer value. The value will change in steps of 5second each.

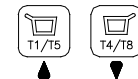
When set, press the [P] key to save setting and continue.



Note that the T5-T8 indicator is now illuminated.

Changes to upper timer may now be made (T5 in this example).

Press the UP arrow key or DOWN arrow key to adjust timer value.



When set, press the [P] key to save time value.



Display returns to [butt] and the T5-T8 indicator is off.



Repeat section 3.1 for other timer keys.

**3.2. To Change Cook Temperature:**

While display is showing [butt], momentarily press the [P] key.

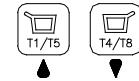
Display will show xxx°F or xxx°C, the current temperature setting.

The default setting is 350°F (177°C)

Press and hold the UP arrow key or DOWN arrow key to scroll temperature setting.

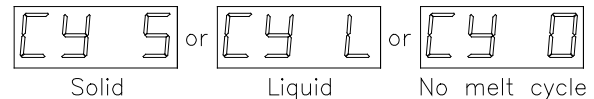
A single key press will increment or decrement the setting by one degree.

When set, press the key to save setting and continue.



**3.3. To Change Melt Cycle type:**

Display will show the current melt cycle setting.



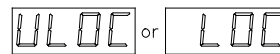
Press the UP arrow key or DOWN arrow key to adjust melt cycle type.

When set, press the [P] key to save setting and continue.



**3.4. To Change Pass Word Requirement:**

Display will show the current lock status.



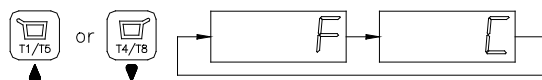
Press the UP arrow key or DOWN arrow key to change lock setting for future entry into programming menus.



When set, press the [P] key to save setting and continue.




**3.5. To Change °F or °C Display:**



Display will show the current temperature scale setting.

Press the UP arrow key or DOWN arrow key to change scale setting.

When set, press the  key to save setting and continue.

**3.6. To exit Level 1 Programming:**

Display is showing



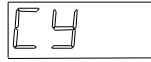
Press the [P] key to exit here. The display returns to normal.



Ready to Cook



Heating up to "drop" conditions



Melt Cycle in progress

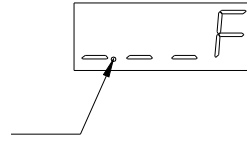


Temperature below 150°F (65°C)

**4. Other Displays:-**

**4.1. Low Vat Temperature:**

When tank temperature is below 150°F (65°C), the display will show as blanks. This is normal for cold start-ups. **Heat Demand** indicator is located between the first and second digits of display.



**4.2. Drain Valve Open:**

When drain valve is detected open, normal operations are suspended. The display will show Drain-Turn-Off message until reset. To reset, CLOSE the drain valve, turn the control OFF, then ON. *Note: some fryer applications do not use the drain valve input.*

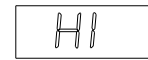


**4.3. Equipment Fault Displays**

This control will detect faulty probe conditions. If temperature probe faults are detected, display will show one of two possible conditions. All other functions are disabled. To reset, turn control Off then On.



Open or Shorted Probe



High Temperature Limit

**4.4. To Change Port Address**

While display is showing [butt] (level 1 programming; sect. 3), press and hold the down arrow key and the program key simultaneously for 2 secs. Display will show the current port address (default is 30).

All cook key indicators will be off. Use the up or down arrow keys to change address. Press the [P] program key to save selection and return to [butt] display. This address has no effect on operations of the controller, and is only meaningful when control is networked for data collection with other equipment.

**4.5. To View Software Revision**

While display is showing one of the normal displays, press and hold [I/O] key and the [T3/7] simultaneously for 2 seconds. Display will show a rotating display, 4 digits each, for 2 seconds each.

"FLSt" ---- "1039" ---- "1" "----"ECL-"----"X"  
 "SoFt" ---- "2039" ---- "1" "----"ECL-"----"X"  
 "dnLd" ---- "3039" ---- "1" "----"ECL-"----"X"

Displayed values may vary from those shown in this example.