



**IMPORTANT FOR FUTURE REFERENCE**

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

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

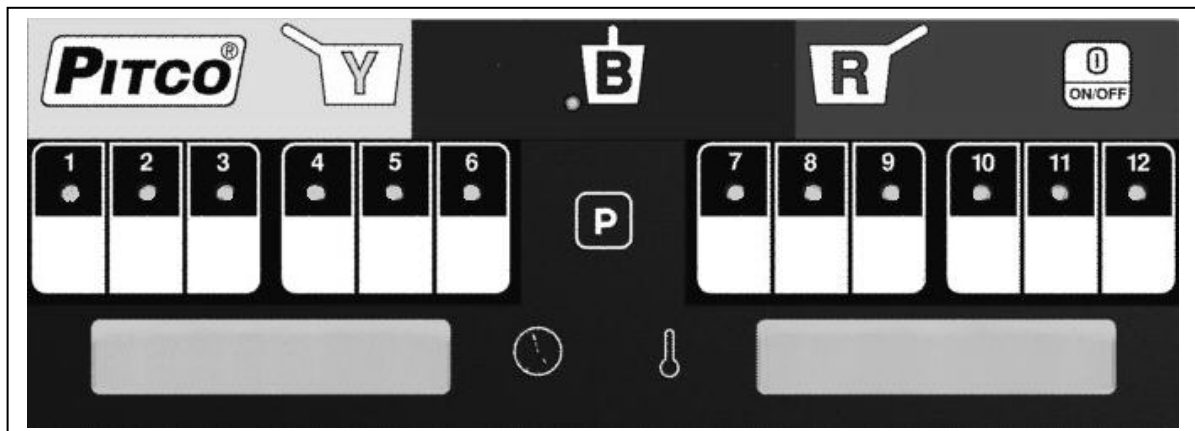
Serial #: \_\_\_\_\_

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

# MultiLane Operations Manual

Covering Pitco P/N 60126805

## Two and Three Basket Fryer Control



This control was developed for applications where two or three baskets are employed in a single fryer. It utilizes the latest in microprocessor technology and is completely solid state.

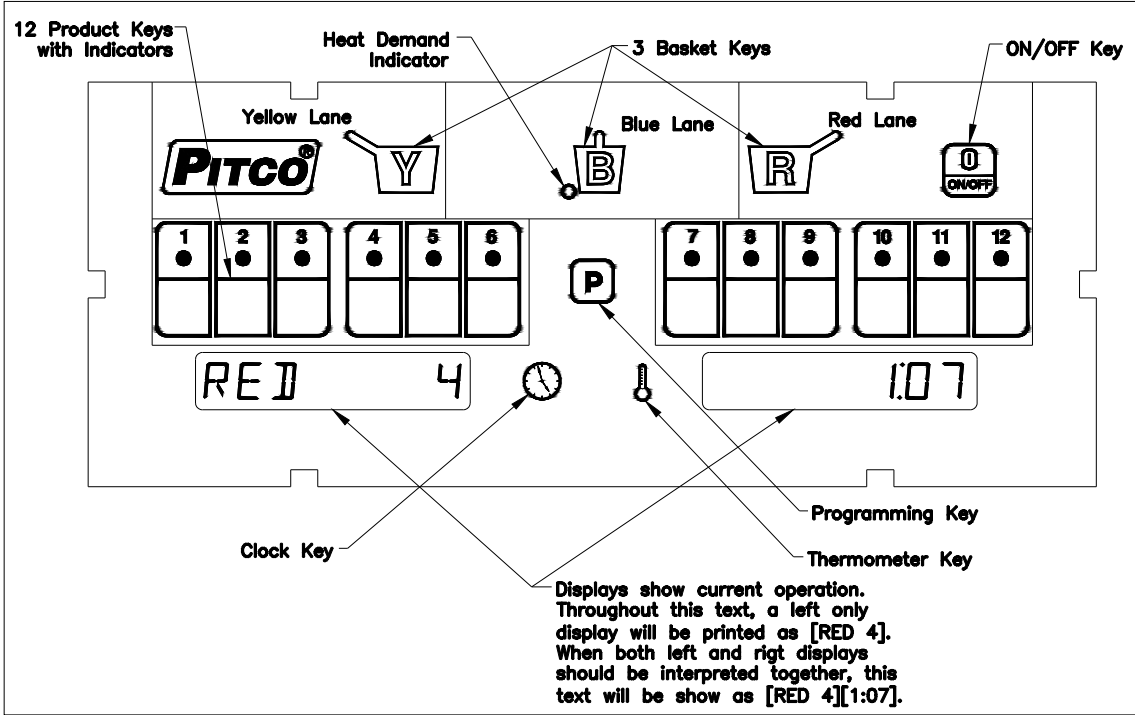
The controls offers the latest cooking technology, including temperature and time compensation that requires no user adjustment for consistently cooked product. Other features include selectable melt cycles, beeper volume, cook temperature and control type settings. Each product key may be programmed with cook, shake and hold times to keep pace with changing menus over time.

This manual details the operation and adjustment of the Pitco Two and Three Basket Fryer Control. The target audience for this text is operators, store managers.

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**1 Key Locations and Functions:**



**1.1 To turn the appliance ON:**

If power is applied to the appliance, the displays will show [OFF]. Press the [I/O] key. Display will show one of the normal displays: [HEATING], [MELTING] [SOLID]/[LIQUID], or [READY]. Some messages may show in both left and right displays. Wait for the appliance to heat up to the [READY] condition before cooking.

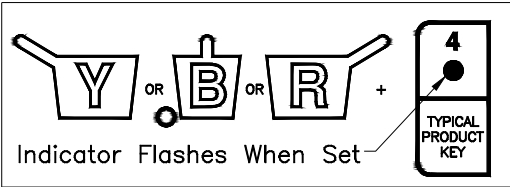


**1.2 To turn the appliance OFF:**

Press the [I/O] key. Display will momentarily show the software version number and then [OFF].

**1.3 To Start a Cook:**

When displays are showing [READY] the appliance has reached set temperature and is ready to cook. Press a basket key then press the desired product key. The indicator above the product key will flash. The left display will show the basket color and the product key, while the right display shows the time remaining in the cook. In the example above, RED lane is cooking product 4 (left display) with 1 minute and 7seconds remaining (right display).



Up to three cooks may run together. While cooks are running, the display will always show the cook with the least time remaining. Cook times remaining in other lanes may be checked by momentarily pressing a lane basket key.

**1.4 To Cancel a Cook:**

Press and hold the basket key to cancel a cook. If no other cooks are pending, controller displays will return to [READY].

**2 To Enter Programming Level 1 (for the Store Manager):**

*Note: The factory default setting for this control does not require password entry. However, the password requirement and value, may be changed in section 3.2. This text assumes the password is enabled. Entry of a password when NOT required will not interfere with the programming process.*

With no cook timers running, displays will show one of the following displays: [HEATING], [MELT] [LIQUID (or SOLID)], or [READY].

Press the [P] program key.

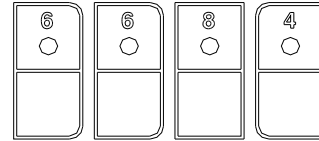
Left display will show [PROGRAM]. Right display will be blank.  
Enter password 6684 using the product keys as numeric keypad for entry.



Display still shows [PROGRAM].

From the [PROGRAM] display, continue with this section or go to section 3.

Level 1 Password



**NOTE: The [10] key is used whenever a 0 input is needed when setting times or temperatures.**

### 2.1 To Set Cook Temperature:

Press the thermometer key once.

Display shows [SET xxxF] [TEMP] or [SET xxxC] [TEMP], where ."xxx" is the temperature setting.

Use the product keys for numeric entry, to adjust the current setting.

Press the [P] key to save setting.

Display shows [PROGRAM]; go to any other 2.x sections for other adjustments.



### 2.2 To Change a Product Key–Cook, Shake, Hold, and Hold Pre-Alarm Times:

For each product key Cook, Shake, and Hold times are set in this section.

With display showing [PROGRAM], continue with the following section for each product key to change.

#### 2.2.1 **Cook Time**

Cook Time is set to the desired cooking time for this product key. To deactivate this product key enter a zero value.

Press the [Clock] key.

Display shows [SELECT] [PRODUCT].

Press the desired product key to change.

Display shows [nCK mm:ss] [TIME] where "n" is the key number, "CK" means Cook, and "mm:ss" is minutes and seconds.

Use the product keys for numeric entry, to adjust the current setting.

Press the [Clock] key to save cook time and continue setup for this product key.



#### 2.2.2 **Shake Time**

Shake time is an alarm that sounds during Cook Time to prompt operators to shake the basket.

Default for this value is zero, meaning the Shake Time is inactive.

Display shows [nSH mm:ss] [TIME] where "n" is the key number, "SH" means Shake, and "mm:ss" is minutes and seconds.

Use the product keys for numeric entry, to adjust the current setting.

Press the [Clock] key to save shake time and continue setup for this product key.



#### 2.2.3 **Hold Time**

After cooking, product may stand in holding trays for a period of time. This timer produces an alarm to inform operators to discard old product and start a new cook. Default for this value is zero, meaning the Hold Time is inactive.

Display shows [nHD mm:ss] [TIME] where "n" is the key number, "HD" means HOLD, and "mm:ss" is minutes and seconds.

Use the product keys for numeric entry, to adjust the current setting.

Press the [Clock] key to save hold time and continue setup for this product key.



**2.2.4 Hold Pre-Alarm**

Hold Pre-Alarm is a timer setting that is used to warn operators that the Hold Time is about to expire.

To use Hold Pre-Alarm, Hold Time must be set to a non-zero value, and Hold Pre-Alarm must be set to a value less than Hold Time. Default value is zero, meaning the Hold Pre-Alarm is inactive.

Display shows [nPA mm:ss] [TIME] where “n” is the key number, PA means Pre-Alarm, and “mm:ss” is minutes and seconds.

Use the product keys for numeric entry, to adjust the current setting.

Press the [Clock] key to save cook time and continue setup for this product key.



Displays show [SELECT] [TIME]. Repeat steps from section 2.3.1 to make changes to any other product keys *or continue*.

**2.3 To Exit Level 1 programming**

Display shows [SELECT] [TIME].

Press the [P] key.

Display shows [PROGRAM]. Continue to section 3 to change options, or, exit here in the next step.

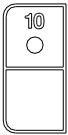
To exit Level 1 programming, press the [P] key again.

Displays will show [HEATING], [MELT] [LIQUID (or SOLID)], or [READY].



**3 To Change Options:**

Display must show [PROGRAM] from section 2 to change options. When the product key [10] is pressed, display will show [SELECT] [OPTIONS]. Indicator lights above product keys will illuminate to represent options that may be changed. Each option below uses the product key [10] to scroll or toggle through available choices in the display. When the correct value is displayed, press the [P] key to save choice. Display will again show [PROGRAM].



**3.1 Fahrenheit or Celsius Display:**

The Controller will display temperatures in the Fahrenheit or Celsius scales. The default scale is °F.

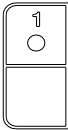
With display showing [PROGRAM], press the product key [10].

Display shows [SELECT] [OPTIONS].

Press product key 1, display shows [DEGREE n] [F OR C], where “n” is the current setting.

Use the product key [10] to scroll through choices (F or C). Press [P] key to save choice.

Display shows [PROGRAM].



**3.2 Password Change or Required?**

With factory settings, a password is not required to enter programming Levels 1 and 2. The password may be activated or changed in this section.

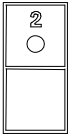
With display showing [PROGRAM], press the product key [10]. Display will show [SELECT] [OPTIONS].

Press product key 2, display shows [SET PAS] [NEW PASS]. Use the product key [10] to scroll through choices [NO PASS] or [PASS REQ]. Press [P] key to save choice.

*If [NO PASS] is selected* Display returns to [PROGRAM].

*If [PASS REQ] is selected,* display show [PASSnnnn] [NEW PASS]. Displayed value “nnnn” is the current password. Use the product keys for numeric entry, to change password. Press [P] key to save choice. Display shows [PROGRAM].

*Note: The factory default password (6684) will always work even if a different password is selected above.*



### **3.3 Beeper Volume and Tone:**

Volume and Tone of the beeper alarm may be changed in this section. Volume ranges are 1,2 and 3, where 3 is the loudest setting. Later model controls have an additional selection for tones.

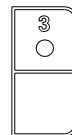
With display showing [PROGRAM], press the product key [10].

Display will show [SELECT] [OPTIONS]. Press product key 3, display shows [VOLUME n] [BEEPER].

Use the product key [10] to scroll through choices (n= 1,2,3, or T). Beeper volume will change as each selection is made.

If “T” is selected an additional display is shown; [TONE n] [BEEPER]. Use the product key [10] to scroll through choices (n= 1,2,3). Beeper tone will change as each selection is made.

Press [P] key to save choice. Display shows [PROGRAM].



### **3.4 Language Selection:**

With display showing [PROGRAM], press the product key [10].

Display shows [SELECT] [OPTIONS].

Press product key 4, display shows [ENGLISH] [LANGUAGE].

Use the product key [10] to scroll through choices (ENGLISH, ESPANOL, FRANCAIS, DEUTSCH, HOLLANDS).

Press [P] key to save choice. Display shows [PROGRAM].



### **3.5 Melt Cycle Type:**

This section allows selection of the melt cycle type or disabling the melt cycle requirement when starting the appliance from a cold start.

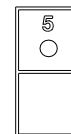
With display showing [PROGRAM], press the product key [10].

Display shows [SELECT] [OPTIONS].

Press product key 5, display shows [LIQUID], the default setting.

Use the product key [10] to scroll through choices (liquid, solid, no melt).

Press [P] key to save choice. Display shows [PROGRAM].



### **3.6 Recovery Test Value:**

This controller maintains a record of heat up times for the appliance. A poorly running appliance will have increased recovery times stored in this display. There is no selection done here, just the display of recovery time values.

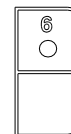
With display showing [PROGRAM], press the product key [10].

Display shows [SELECT] [OPTIONS].

Press product key 6; display will show [RECOVERY] [TEST].

Press the product key [10]. Display will show [FnnnLyyy], where nnn is the factory recovery value, and yyy is the last warm- up recovery value.

After recording these values, press the [P] key. Display returns to [PROGRAM].



### **3.7 Control or Timer:**

With display showing [PROGRAM], press the product key [10].

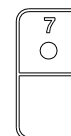
Display shows [SELECT] [OPTIONS].

Press product key 7; display will show [CONTROL].

Use the product key [10] to scroll through choices (Control, Timer).

Press [P] key to save choice. Display shows [PROGRAM].

*Note: If timer is selected, heat control outputs are disabled, leaving only the timer functions active. Do not make this selection on Solstice fryer models.*



### **3.8 Control or Type (2 or 3 Basket, Single or Multi Product):**

With display showing [PROGRAM], press the product key [10].

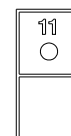
Display shows [SELECT] [OPTIONS].

Press product key [11], display will show [MULTI] [3 ZONE]

Use the product key [10] to scroll through choices (Multi 3 Zone, Multi 2 Zone, Single 3 Zone and Single 2 Zone).

Press [P] key to save choice. Display shows [PROGRAM].

- Multi 3 Zone setting is for a 3 Basket Fryer with multiple products.
- Multi 2 Zone setting is for a 2 Basket Fryer with multiple products.



- Single 3 Zone setting is for a 3 Basket fryer with a single product (typically FRIES).
- Single 2 Zone setting is for a 2 Basket Fryer with a single product (typically FRIES).

Overlays are available tailored for each of the control TYPE settings.

#### **4 Other Displays:**

##### **[PROBE OP] [OPEN]**

Open probe detection is standard on all Pitco controls. If probe is detected open, normal heating and cooking activities are suspended.

##### **[HIGH TMP] [HIGH TMP]**

This display warns operators that the vat temperature has exceeded set temperature by 40°F (22°C), or an absolute maximum of 410°F (210°C). This display does not show the status of the mechanical high limit switch.

##### **[DRAINING] [TURN OFF]**

This message indicates that the drain valve has been opened, the vat is assumed to be empty by the controller. Normal heat control activities are suspended. To restore to normal operation, close the drain valve. Display will show [TURN OFF] [TURN OFF]. Turn controller off, and refill the vat. Continue with normal operations at section 1.

##### **[HEAT] [FAILURE] OR [IGNITION] [FAILURE]**

This message indicates that the heating system failed to respond. Typically, the high temperature limit switch has tripped and is in need of resetting. In the case on gas fired appliances, this message will display if the pilot fails to light or is detected marginal by the ignition module.

##### **[SYSTEM] [FAILURE]**

This message indicates a shorted probe. If probe is detected as a short circuit, normal heating and cooking activities are suspended.

Programming Pitco P/N 60126805  
Two and Three Basket Controller

In the event of problems with or questions about your order, please contact Pitco Frialator factory at: 603-225-6684 World Wide  
[www.pitco.com](http://www.pitco.com)

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