3000 Software Update
826-3073

*****Prior to installing any software it is CRITICAL that ALL the settings from EACH controller be recorded on the following pages, as the following steps WILL OVERWRITE important fryer settings. Failure to capture and restore proper configurations may result in fryer malfunction.*****

To update the software follow the attached instructions. If you have any problems or questions call Frymaster at 1-800-551-8633.

Check the setting of the hold mode on each controller by pressing and holding the ✓ button until *MAIN MENU* changing to *PRODUCT SETUP* is displayed. Press ▶ to scroll to *TECH MODE* and press the ✓ button. *ENTER CODE* is displayed. Press the ✓ button.   Enter 3000.   Press ▶ to scroll to *LANE COUNT.* Write down the setting _____ .
Press ▶ to scroll to *HOLD MODE.* Write down the setting _____ .
_____ . Press ▶ to scroll to *EXIT.* Press the ✓ button.   Press the exit scan button to exit to OFF. Repeat this step on each controller.

Follow these steps to record the following settings in the right display column of each controller:

Vat Set Up -- NOTE: Most of the system choices are only available on the far left controller.

**Starting with the LEFT CONTROLLER, with the controller displaying OFF, press ✓ until the controller scrolls Info Mode, changing to Main and then PRODUCT SETUP.

VAT SETUP

Left Display	VAT 1 Right Display	VAT 2 Right Display	VAT 3 Right Display	VAT 4 Right Display	VAT 5 Right Display	Action
OFF	*OFF*	*OFF*	*OFF*	*OFF*	*OFF*	See ** above.
PRODUCT SETUP	N/A	N/A	N/A	N/A	N/A	Press ▶ to scroll to Vat setup and press ✓.
VAT SETUP	*ENTER CODE*	*ENTER CODE*	*ENTER CODE*	*ENTER CODE*	*ENTER CODE*	Enter 1656.
SYSTEM		N/A	N/A	N/A	N/A	Press ✓.
LANGUAGE		N/A	N/A	N/A	N/A	Press ▶.
2ND LANGUAGE		N/A	N/A	N/A	N/A	Press ▶.
LOCALE		N/A	N/A	N/A	N/A	Press ▶.
ENERGY		N/A	N/A	N/A	N/A	Press ▶.
TYPE						Press ▶.
SYSTEM VOLUME		N/A	N/A	N/A	N/A	Press ▶.
TEMPR FORMAT		N/A	N/A	N/A	N/A	Press ▶.

12/2015

8197005

3000 Software Update

826-3073

Left Display	VAT 1 Right Display	VAT 2 Right Display	VAT 3 Right Display	VAT 4 Right Display	VAT 5 Right Display	Action
EXIT MELT TEMPR		N/A	N/A	N/A	N/A	Press ▶.
COOL MODE TEMPR		N/A	N/A	N/A	N/A	Press ▶.
COOL MODE DEFAULT		N/A	N/A	N/A	N/A	Press ▶.
FRESH OIL		N/A	N/A	N/A	N/A	Press ▶.
WASTE		N/A	N/A	N/A	N/A	Press ▶.
DRAIN SWITCH		N/A	N/A	N/A	N/A	
RECOVERY ALARM		N/A	N/A	N/A	N/A	Press ▶. Default is disabled.
BASKET LIFT						Press ▶. Default is disabled.
IS VAT FULL?		N/A	N/A	N/A	N/A	
HOLD TIME		N/A	N/A	N/A	N/A	Press ▶.
EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	Press ✓ button once to return the controller to OFF.

FILTER SETUP

Left Display	VAT 1 Right Display	VAT 2 Right Display	VAT 3 Right Display	VAT 4 Right Display	VAT 5 Right Display	Action
FILTER						
OFF	OFF	OFF	OFF	OFF	OFF	See ** on page 1.
PRODUCT SETUP	N/A	N/A	N/A	N/A	N/A	Press ▶ to scroll to Vat setup and press ✓.
VAT SETUP	ENTER CODE	ENTER CODE	ENTER CODE	ENTER CODE	ENTER CODE	Enter 1656.
SYSTEM						Press ▶ to scroll to FILTER.
FILTER						Press ✓.
COOKS TILL FILTER						Press ▶.
FILTER LOCKOUT*						Press ▶.
EOD FILTER TIMER						Press ▶.
EOD FILTER TIME						Press ▶.

* NOTE: Filter Lockout may not be an option in all software versions.
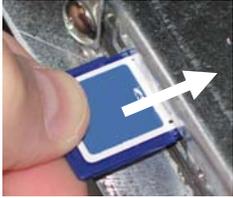
3000 Software Update

Left Display	VAT 1 Right Display	VAT 2 Right Display	VAT 3 Right Display	VAT 4 Right Display	VAT 5 Right Display	Action
FLUSHING TIMER						Press ▶.
BOIL OUT TIMER						Press ▶.
1 POLISH TIMER						Press ▶.
1 POLISH PROMPT TIME						Press ▶.
1 POLISH DURATION						Press ▶.
1 POLISH START TEMPR						Press ▶.
EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	Press the Exit/Scan button once to return the controller to OFF.

3000 Software Update
826-3073

In an **OCF fryer**, which has controllers linked by an orange CAN bus cable, the software is loaded in the far left controller, which updates **all** the controllers/boards in the system. **Legacy** fryer controllers are not linked by a CAN bus and must be updated individually. (Press the TEMP button to check current 3000/ATO software version. Remove the bezel by removing the screws under the bottom of the bezel. Remove the two screws securing the controller; allow it to swing down. Remove the two screws on the left side cover plate of the 3000 controller. To update the software, which takes about 30 minutes, follow these steps carefully:

> **NOTE**: All controllers in a fryer linked by a CAN bus must be updated. Failure to update all linked controllers will lead to compatibility issues.

Left Display	Right Display	Action
OFF	OFF	**All controllers in an OCF battery must be in the OFF position.** With the controller folded down, insert the SD card, with the contacts facing down and the notch on the bottom right (see Figure 1 and 2), into the SD slot on the left side of the 3000. **ENSURE THE CARD IS FULLY INSERTED.**
 Figure 1	 **Figure 2**	**NOTE:** Version 3 and later updates make access to filter and segmented cooking features an option that can be disabled. These features, if previously in use, continue to work after the update. See the provided manual for instructions on enabling or disabling these features.
UPGRADE IN PROGRESS	WAIT	None required.
CC UPDATING	PERCENTAGE COMPLETE	None required. **NOTE:** (This happens only on the leftmost controller in a CAN bus OCF system.)
BOOT	BLANK	None required. (Other computers in the CAN bus system will begin to react to the update. Controllers not connected to a CAN bus require individual updates.)
CALL	TECH	If displayed, press the filter button to continue.
UPGRADE IN PROGRESS	WAIT	None required.
IF_COOK	WAIT	None required.
IF_COOK HEX	PERCENTAGE COMPLETE	None required.
IF_ATO	WAIT	None required.
IF_ATO HEX	PERCENTAGE COMPLETE	None required.
REMOVE SD CARD	100	Remove the SD card using the fingernail slot on the top of the SD card.
CYCLE POWER.	BLANK	**ON OCF** fryers, cycle the control power using the reset momentary switch located under the left control box in gas and behind the right control box in electric. **On legacy** fryers, unplug the 20-pin harness from the controller. **REMOVE POWER FOR 20 SECONDS**. Gas Electric
3000	COMPUTER	None required. The computer will display System, Energy and Board ID before returning to OFF.
OFF	OFF	Press ⌀ . The computer will display: Temperature, date, time and the software version number before returning to OFF. Ensure the new software version is displayed on all computers in the bank.

3000 Software Update
826-3073

Loading new software parameters
To load the new parameters of the software after the settings have been recorded follow the steps below.

1. Start with the far LEFT controller. With the controller displaying OFF, press and hold the ✓ (check) key until the controller displays **INFO MODE** changing to **MAIN MENU** for three seconds changing to **PRODUCT SETUP**.
2. Press the ▶ (right) arrow key two times until **TECH MODE** is displayed. Press the ✓ (check) key.
3. Enter code 7628.
4. Follow the sequence below to configure the controller.

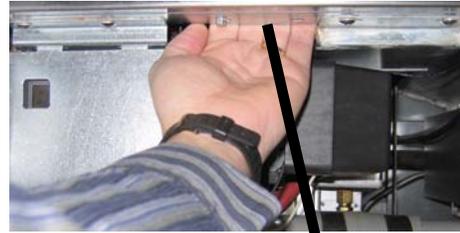| Left Display	Right Display	Action
LOCALE	NON-CE	Press ▼▲ to scroll to choice CE, CE Belgium or Non-CE and press ▶. **NOTE: CE should only be selected for countries in the European Common Union or those that follow the EU standards.**
SYSTEM TYPE	OCF	Press ▶. *****NOTE: Do not change this setting.*****
ENERGY	GAS	Press ▼▲ to choose Gas or Electric. Press ▶.
TYPE	GL30 FULL	Press ▼▲ to choose model and vat type. Press ▶.
FRESH OIL	NONE	Press ▼▲ to choose JIB, Bulk or None. Press ▶.
WASTE	NONE	Press ▼▲ to choose JIB, Bulk or None. Press ▶.
RESET PRODUCTS	NO	With **NO** displayed press ▶. **NOTE: Change this with caution. If yes is chosen, all hand/factory programmed menus will be erased and overwritten.** **This option is not displayed unless the system type is changed.**
EXIT	EXIT	Press ✓ button once to return exit to OFF.

Repeat the above procedures for each controller.

Cycle the control power again using the hidden reset momentary rocker switch under the left control box in gas or behind the right control box over the JIB in electric. HOLD THE SWITCH FOR 15 SECONDS ENSURING THE MIB BOARD HAS POWERED FULLY DOWN (see photos next page).

*** Once all the fryer boards have rebooted it is necessary to take the handwritten recorded settings and enter them back into in the controllers for proper function of the fryer.

Location of switch on a gas fryer is behind the left control box.

Location of switch on an electric fryer is behind the far right control box.