

# FilterQuick Gas Fryer Heating Failure Instructions For software versions 0521 through 0524

FilterQuick gas fryers with FilterQuick 3000 controllers, that are experiencing heating failures, can try the following test to determine if this procedure is necessary. This primarily affects overseas fryers with pressure switches, but may also affect domestic fryers.

This does not apply to any fryer or service controller with a serial number beginning in **16xxx**.

Run the following test to determine if the procedure below is required.

1. Power OFF the controller.
2. Access the interface board.
3. Remove the right ignition module plug from the interface board.
4. Insert a jumper between the power (PWR) (pin3) and the alarm (ALR) (pin5) see Figure 1.
5. Power ON the controller.
6. Once the controller completes booting up, when the heat light illuminates (see Figure 2), time the seconds it takes before the controller displays HEATING FAILURE. If it takes 4 seconds after the heat light is illuminated to display HEATING FAILURE and alarm no further action is necessary, as the software is working correctly. If it alarms 1 second after the heat light is illuminated, proceed to the next step to correct the alarm time.
7. Turn the controller to OFF and back on again to confirm.

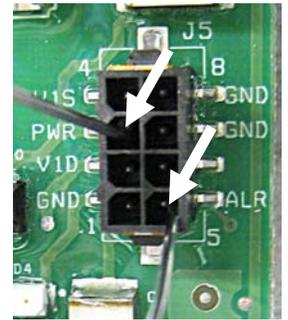


Figure 1

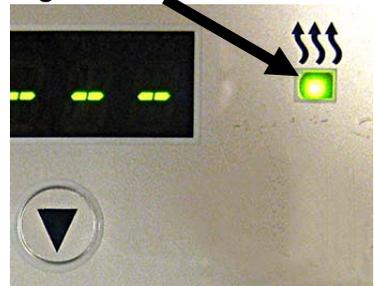


Figure 2

**\*\*\*\*\*Prior to performing this function it is CRITICAL that 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.\*\*\*\*\***

**If you have any problems or questions call Frymaster at 1-800-551-8633.**

\* Press the FILTER button. Write down the setting in the right window (Filter Percent or Cooks Remaining) \_\_\_\_\_.

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 ► two (2) times to **EXIT**. Press the ✓ button. Press the exit scan button to exit to OFF. Repeat this step on each controller.



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## For software versions 0521 through 0524

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. Follow directions in action fields below.**

### 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 ✓.
LANGUARGE		N/A	N/A	N/A	N/A	Press ►.
2ND LANGUARGE		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 ►.
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 ►.
RECOVERY ALARM		N/A	N/A	N/A	N/A	Press ►. Default is disabled.
BASKET LIFT						Press ►. Default is disabled.
HOLD TIME		N/A	N/A	N/A	N/A	Press ►.
EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	Press ✓ button once to return the

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## For software versions 0521 through 0524

Left Display	VAT 1 Right Display	VAT 2 Right Display	VAT 3 Right Display	VAT 4 Right Display	VAT 5 Right Display	Action
						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
<b>FILTER</b>						
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 <b>See NOTE at the end of the instructions.</b>						Press ►.
EOD FILTER TIMER						Press ►.
EOD FILTER TIME						Press ►.
FLUSHING TIMER						Press ►.
CLEAN						Press ►.
CLEAN TIMER						Press ►.
POLISH LOCKOUT						Press ►.
1 POLISH TIMER						Press ►.
1 POLISH PROMPT TIME						Press ►.
1 POLISH DELAY TIMER						Press ►.
1 POLISH DURATION						Press ►.

# FilterQuick Gas Fryer Heating Failure Instructions

## For software versions 0521 through 0524

Left Display	VAT 1 Right Display	VAT 2 Right Display	VAT 3 Right Display	VAT 4 Right Display	VAT 5 Right Display	Action
ENABLE FILTERS PERCENT	*Captured at top of page 1.	N/A	N/A	N/A	N/A	Press ►.
1 POLISH START TEMPR						Press ►.
CLEAN AND FILTER TIMER						Press ►.
CLEAN AND FILTER PROMPT TIME						Press ►.
CLEAN AND FILTER DELAY TIMER						Press ►.
CLEAN AND FILTER START TEMPR						Press ►.
OQS		N/A	N/A	N/A	N/A	Press ►.
OQS TYPE		N/A	N/A	N/A	N/A	Press ►. (Only displayed if OQS is Enabled)
DISPLAY TYPE		N/A	N/A	N/A	N/A	Press ►. (Only displayed if OQS is Enabled)
DISCARD NOW		N/A	N/A	N/A	N/A	Press ►. (Only displayed if OQS is Enabled)
DISCARD SOON		N/A	N/A	N/A	N/A	Press ►. (Only displayed if OQS is Enabled)
DISPOSE DELAY TIMER		N/A	N/A	N/A	N/A	Press ►. (Only displayed if OQS is Enabled)
EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	Press the Exit/Scan button once to return the controller to OFF.

# FilterQuick Gas Fryer Heating Failure Instructions

## For software versions 0521 through 0524

To UPDATE THE HEATING PARAMETERS after the settings have been recorded follow the steps below and perform on each controller.

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.

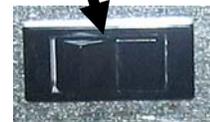
Left Display	Right Display	Action
LOCALE	NON-CE	Press ▼▲ to scroll to choice CE, CE Belgium or Non-CE and press ►. <b>NOTE: CE should only be selected for countries in the European Common Union or those that follow the EU standards.</b>
SYSTEM TYPE	FILTER QUICK	Press ►. <b>***NOTE: Do not change this setting.***</b>
ENERGY TYPE	GAS	Press ▼▲ to choose Gas or Electric. Press ►.
FRESH OIL	GL30 FULL	Press ▼▲ to choose model and vat type. Press ►.
WASTE	JIB	Press ▼▲ to choose JIB or Bulk. Press ►.
RESET PRODUCTS	SDU	Press ▼▲ to choose SDU, Bulk Press ►.
EXIT	NO	With <b>NO</b> displayed press ►. <b>NOTE: Change this with caution. If yes is chosen, all hand/factory programmed menus will be erased and overwritten.</b>
EXIT	EXIT	Press ✓ button once to return exit to OFF.

**Repeat the above procedures for each controller.**

Cycle the control power using the hidden reset momentary rocker switch under the left control box. **HOLD THE SWITCH FOR 15 SECONDS ENSURING THE MIB BOARD HAS POWERED FULLY DOWN** (see Figure 3).



Figure 3



## **FilterQuick Gas Fryer Heating Failure Instructions For software versions 0521 through 0524**

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**\*\*\* 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.**

**NOTE:** If FILTER LOCKOUT was set to ENABLED prior to update, set FILTER LOCKOUT to MAX to allow one bypass at the filter prompt before a filtration must occur as the equivalent. The new options for FILTER LOCKOUT are: NONE=Disabled, MIN=a filtration must occur at each prompt. No bypasses are allowed. MAX= allows a filter to be bypassed once. At the next filter prompt the vat must be filtered.