



# M2000 Computer

## Operation Manual



Frymaster, a member of the Commercial Food Equipment Service Association, recommends using CFESA Certified Technicians.

**24-Hour Service Hotline**  
**1-800-551-8633**

**OCTOBER 2011**  
**\* 8195833A \***



# M2000 Computer

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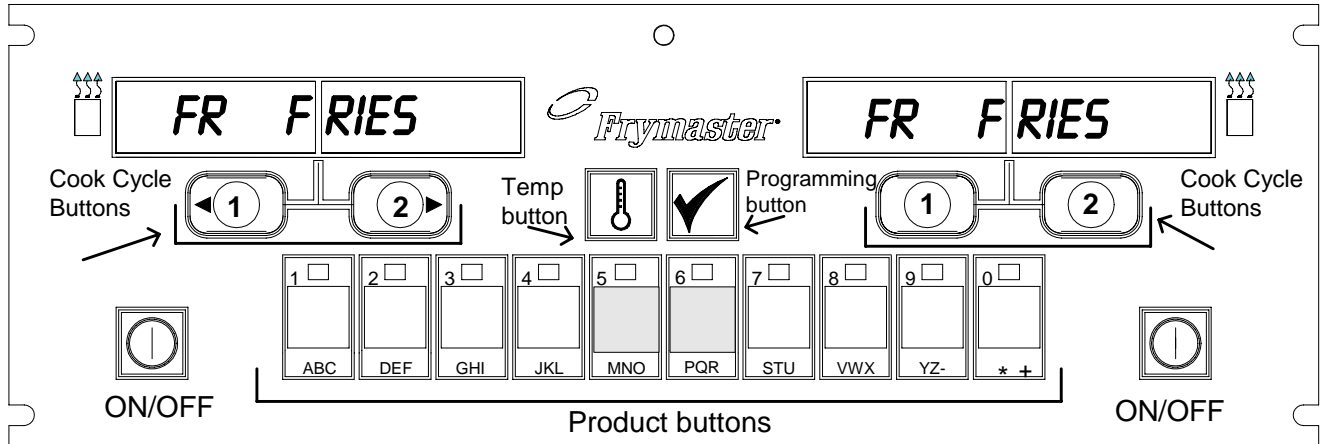
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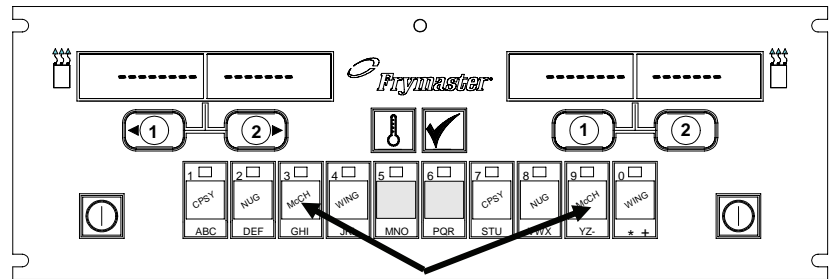
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# M2000 Overview



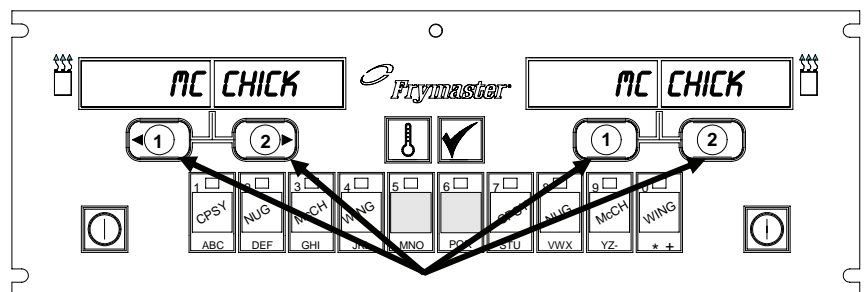
## 1.1 General

Welcome to the M2000, a computer that retains the one-button ease of the M100B and adds the utility of 40-product menu capability. The computer is easy to use. One button push starts a cook cycle for an item cooked in a dedicated vat. The same flexible computer on a multi-product vat requires only two button pushes to launch a cook cycle. Just choose a menu item on a product buttons and press, and then press a cook cycle button under the display showing the desired item. The computer can move seamlessly from McNuggets to Crispy Chicken to any added menu item.



Pressing product buttons 3 or 9 displays McChick.

In a typical store setting, the M2000s on the three-vat fry station display FR FRIES (shown above) and will launch a cook cycle with one push of a cook channel button. On the chicken/filet station, the LED display shows dashed lines. To launch a cook cycle, press a product button and then press the cook cycle button that corresponds with the location of the dropped basket. By pressing the product button for McChicken, McChick will appear in the display. Just press the cook cycle button corresponding to the location of the appropriate dropped basket.



Pressing either cook cycle button under the McChick displays launches a cook cycle.

# M2000 Overview

The M2000 will operate with electric and gas fryers, both full- and split-pot.

## 1.2 Service Information

Call the “800” number on the cover of this manual for the location of your nearest maintenance & repair center. When requesting service assistance, always give the model and serial numbers of your cooking computer and the type of fryer this cooking computer is installed on.

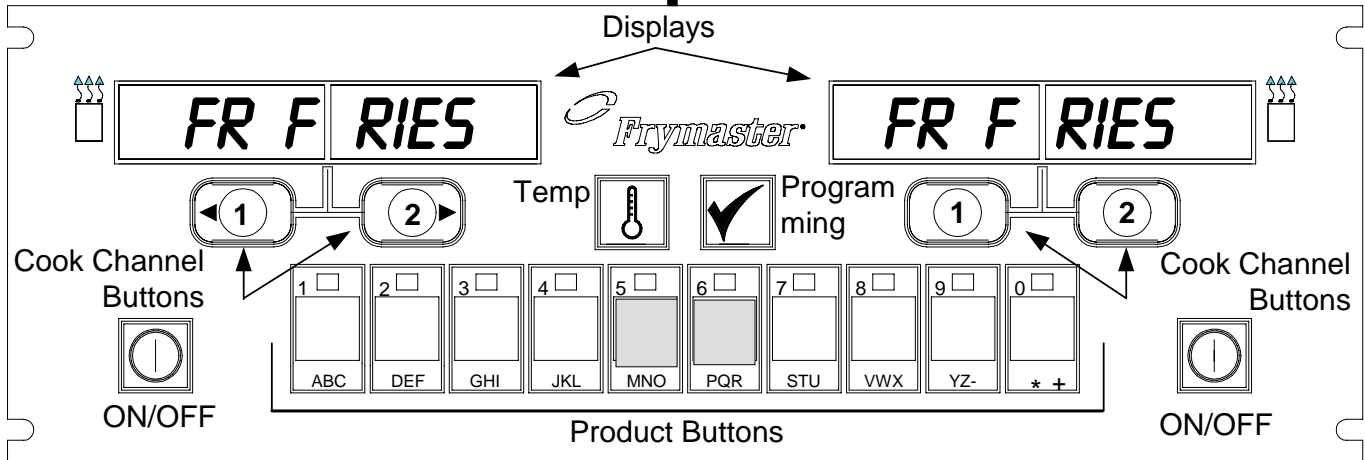
To assist you more efficiently, the following information will be needed:

Model Number \_\_\_\_\_  
Serial Number \_\_\_\_\_  
Type of Fryer \_\_\_\_\_  
Nature of the Problem \_\_\_\_\_

Any other information which may be helpful in solving your service problem.

# M2000 Computer

## Basic Operation



### Turn Fryer ON

Press right key for full pot; press key on desired side on a split pot.



### Turn Fryer OFF

Press right key for full pot; press key on desired side on a split pot.



### Check Frypot Temperature

Press Temp key once. Displays show frypot temperatures.



### Check Frypot Setpoint

Press Temp key twice. Displays show frypot setpoint temperatures.



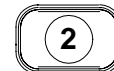
### Cancel Duty or Remove Alarm

Press key under active display.



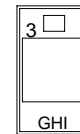
### Start One-Button Cook Cycle (Dedicated Mode)

Press key under display showing desired item.



### Start Two-Button Cook Cycle (Multi-Product Mode)

Press product key bearing icon for desired product. Press cook channel button to begin cook cycle.



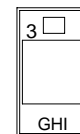
### Change From Dedicated to Multi-Product Mode

Press Cook Channel button under displayed menu item for 5 seconds. Display changes to dashed lines.



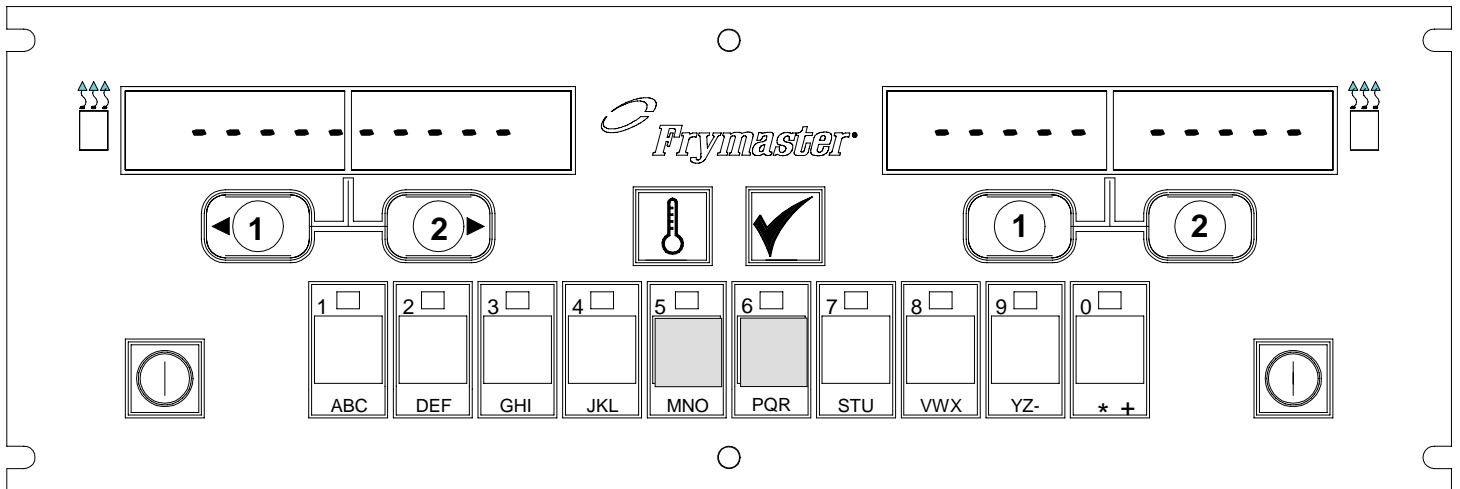
### Change From Multi-Product to Dedicated Mode


Press product key bearing icon for desired product. Press cook channel button under display showing desired item for 5 seconds.



# M2000 Computer

## Cooking With Multi-Product Display




**1** Dashed lines appear in both displays. 

**2** Press a product button.




**3** Vat with appropriate setpoint displays: *MC CHICK*

**4** Vat with inappropriate setpoint displays: *<<<<>>>>*

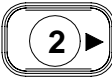
**5** Press a cook channel button to begin cook cycle. 


**6** Display alternates between MCK and remaining cook time. *MC CK*  
↑ ↓  
*2:34*

**7** If a duty is required for this menu item, duty is displayed when it is time to perform a duty, such as shake. *DUTY*

**8** Press cook channel button under duty display to cancel alarm. 

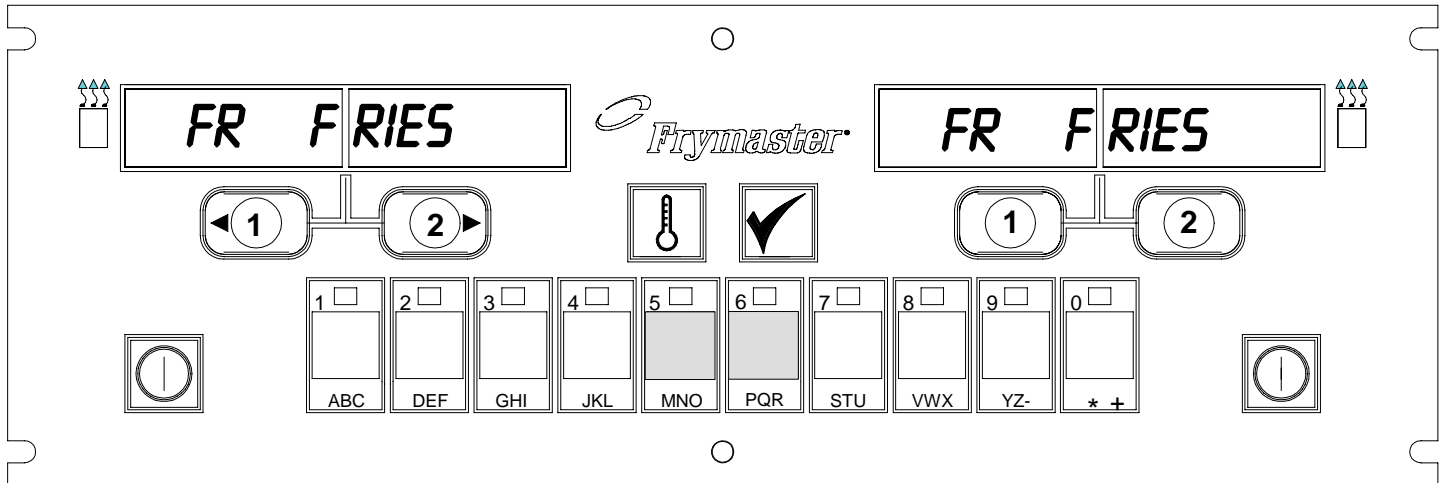
**9** Pull is displayed when the cook time is complete; an alarm sounds. *PULL*

**10** Press cook channel button under pull display to cancel alarm. 

**11** Dashed lines reappear under active display at the end of the cook cycle. 

# M2000 Computer

## Cooking With Dedicated Display



- 1** A menu item, such as FR FRIES shows in display

**FR FRIES**

- 2** Press a cook channel button to begin the cook cycle.



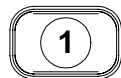
- 3** Display alternates between abbreviated product name and remaining cook time.

**FRIS ↔ 2:34**

- 4** Duty is displayed when it is time to shake the fry basket.

**DUTY**

- 5** Press cook channel button to cancel alarm.



- 6** Pull is displayed when the cook cycle is complete.

**PULL**

- 7** Press cook channel button to cancel alarm.

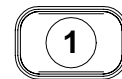


- 8** Q7 is displayed and alternates with FRES. As the quality time counts down.

**Q7 ↔ FRIS**

**Q1 ↔ FRIS**

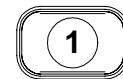
- 9** Pressing the cook channel button now will launch a cook cycle and end the quality countdown.



- 10** QA is displayed when the quality time has elapsed.

**QA**

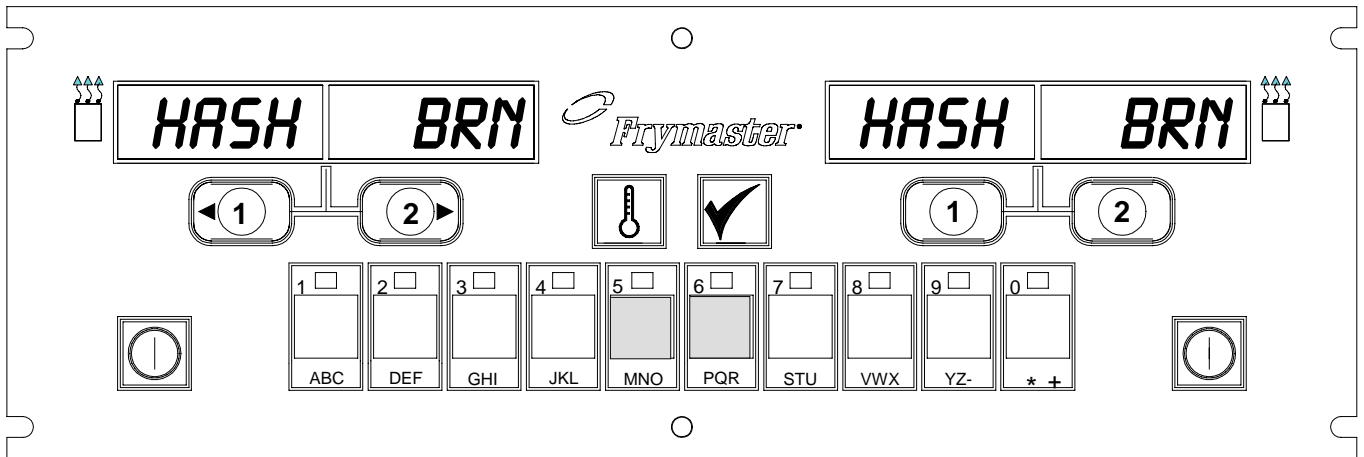
- 11** Pressing the cook channel button restores the display to FR FRIES and the unit is ready for cooking.



↓ ↓  
**FR FRIES**

# M2000 Computer

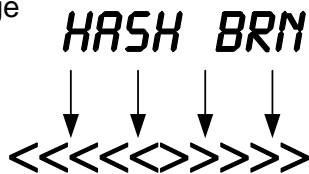
## Changing from Breakfast Setup to Lunch



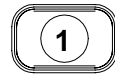
- 1** Press product button for french fries.



- 2** Computer will change from Hash Brn to <<<<<<>>>>; an alarm will sound.



- 3** Press and hold the cook channel button under the display for five seconds.



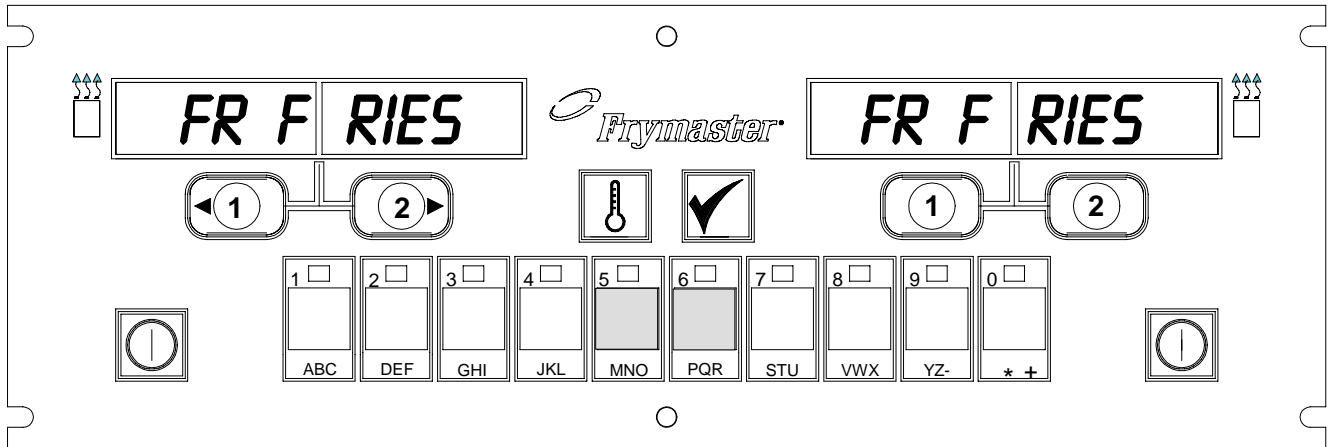
- 4** Display changes to FR Fries.

**FR FRIES**

Change both displays to FR FRIES

# M2000 Computer

## Changing from Lunch Setup to Breakfast

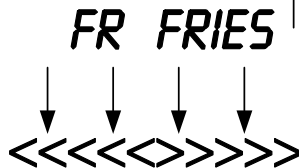


1 Computer displays **FR FRIES**

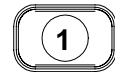
2 Press product button for hash browns.



3 Computer display will change from FR Fries to <<<<<<>>>>>>; an alarm sounds.

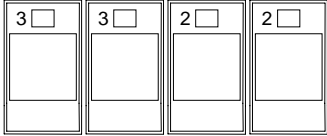
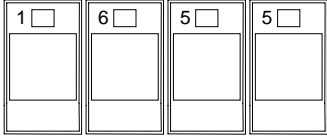


4 Press and hold the cook channel button under the display for five seconds.




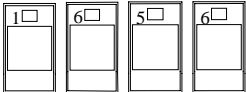






5 Display changes to **HASH BRN**.


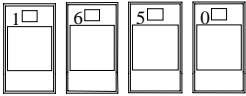
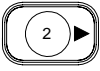







# M2000 Installation/Setup

<p><b>Computer Setup: Selecting Language, Sound Volume</b></p> <p>Used for initial setup of computer.</p>	<ol style="list-style-type: none"> <li>1. Computer displays <i>OFF</i>.</li> <li>2. Press <input checked="" type="checkbox"/>.</li> <li>3. <i>CODE</i> shows in the left display.</li> </ol>
	<div style="text-align: center;">  </div> <ol style="list-style-type: none"> <li>4. Press <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (<i>3322</i>).</li> <li>5. The left computer display will alternate between <i>LOADING</i> and <i>MENU</i>. The right display will count up to 39 and go blank.</li> <li>6. Computer displays <i>OFF</i>.</li> </ol>
<p>Computer has two volume settings.</p>	<ol style="list-style-type: none"> <li>7. Press <input checked="" type="checkbox"/>.</li> <li>8. <i>CODE</i> shows in the left display.</li> </ol>
<p>Used to set language shown in display.</p>	<div style="text-align: center;">  </div> <ol style="list-style-type: none"> <li>9. Press <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (<i>1655</i>).</li> <li>10. <i>VOLUME</i> appears in the left display; <i>HIGH</i> or <i>LOW</i> in the right.</li> </ol>
<p><b>*NOTE:</b> Changing the language displayed or the menu parameter on a previously programmed computer eliminates any programming entered for special menu items.</p>	<ol style="list-style-type: none"> <li>11. Press <input type="checkbox"/> to toggle between high and low-volume warning sounds.</li> <li>12. With preferred setting in right display, press <input checked="" type="checkbox"/> to lock in choice.</li> <li>13. <i>LANGUAGE</i> appears in the left display*; <i>ENGLISH</i> in the right. <i>See page 8-3 for instructions to change temperature display from Fahrenheit to Celsius.</i></li> <li>14. Press <input type="checkbox"/> to toggle between language choices.</li> <li>15. With desired language in the right display, press <input checked="" type="checkbox"/> to lock in choice.</li> </ol>







# M2000 Installation/Setup

<p>Used to set menu parameter defaults for US or non-US menu items.</p>	<p>16. <i>M E N U</i> appears in the left display*; <i>U S A</i> or <i>N O N - U S A</i> appears in the right.</p>
<p><b>*NOTE:</b> Changing the language or the menu choicer on a previously programmed computer eliminates any programming entered for special menu items.</p>	<p>17. Press  to toggle between menu choices.</p> <p>18. With desired menu in the right display, press  to lock in choice. If changed from the default English setting, the left computer display will alternate between <i>L O A D I N G</i> and <i>M E N U</i>. The right display will count up to 38 and go blank.</p> <p>19. The computer will display <i>O F F</i>.</p> <p>20. Press .</p> <p>21. <i>C O D E</i> appears in left display.</p> <p>22. Press  (<i>1 6 5 6</i>) with product keys.</p>
<p>Sets up fryer for gas or electric, full or split vat operation.</p>	<p>23. <i>G A S</i> appears in the left display. <i>Y E S</i> in the right.</p> <p>24. Press  to toggle between <i>Y E S</i> and <i>N O</i>. Choose <i>Y E S</i> for a gas fryer. Choose <i>N O</i> for an electric fryer.</p> <p>25. With desired choice displayed in the right window, press  to advance to the next choice.</p> <p>26. <i>S P L I T</i> appears in the left display, <i>Y E S</i> in the right. Press  to toggle between <i>Y E S</i> and <i>N O</i>. Use <i>Y E S</i> for split vats; <i>N O</i> for full.</p> <p>27. Press  to advance to next choice.</p> <p>28. Screen goes blank. <i>O F F</i> is displayed. The computer is ready for programming as outlined in the following sections.</p>









# Programming for Dedicated Product Operation

<p><b>Example: Programming Dedicated Vats</b></p>	<p>1. Computer displays OFF (Computer must be off to enter program mode.)</p> <p>2. Press </p> <p>3. Code appears in left display</p>
<p>Stores menu item in product button.</p>	<p>4. Press  (1650) with product keys.</p> <p>5. FR FRIES appears in the left display. Right display is blank.</p> <p>6. The LED will illuminate in product button 1, the default product button for fries.</p>
<p>Sets setpoint for fries.</p>	<p>7. Press  to advance to another menu item if required. <i>In this example the computer is dedicated to french fries.</i></p> <p>8. Press  on right side of computer. YES appears above both buttons on a full pot; it appears only above  on a split pot. This step sets the vat setpoint to 335°F (168°C), the setpoint for french fries.</p>
<p>Sets duty time.</p>	<p>9. Press  on right side of computer. YES appears in display above button. This step sets the right vat setpoint on a splitpot to 335°F (168°C).</p> <p>10. Press . Duty 1 appears in the left display. M :30 in the right. This sets the seconds into the cook cycle that a duty alarm sounds. M :30 is the default setting and should be used.</p>
<p>Sets alarm cancellation choice.</p>	<p>11. Press  to toggle between automatic and manual alarm canceling. The left display will alternate between M :30 and A :30 as  is pressed. Manual alarm canceling is the default setting.</p>
<p>Sets second duty alarm.</p>	<p>12. Press . Duty 2 appears in the left display. M :00 appears in the right. This sets the time into the cook cycle in which a</p>









# Programming for Dedicated Product Operation

Sets Cooktime.	second duty alarm will sound.
	13. Use numbered product keys to enter a time if required. M :00 is the default setting.
Sets Quality time.	14. Follow step 10 to toggle between automatic and manual alarm canceling.
	15. Press  . Remove appears in left display. M 3:10 appears in the right. This sets cook time for the product selected. Use numbered keys to change time as required. 3:10 is the default cook time for french fries.
Sets product cooking temperature or setpoint.	16. Press  to toggle between automatic and manual alarm canceling.
	17. Press  . QUAL appears in left display. M 7:00 in the right. This is the default quality hold time for french fries. Use numbered product keys to change time as required. Entering zero will disable the quality timer.
	18. Press  to toggle between automatic and manual alarm canceling.
	19. Press  . Set-Temp appears in the left display. 335F (168°C) appears in the right. This is the default setpoint for french fries. Use numbered product keys to change if required.
	20. Repeat steps 7-19 for additional items.
	21. With the last programmed menu item displayed on the computer, press  to lock in menu item and exit programming.

# Programming Multi-Product Operation










<p><b>Programming Multi-Item Vat</b></p>	<ol style="list-style-type: none"> <li>1. Computer displays OFF (Computer must be off to enter programming mode.)</li> <li>2. Press </li> <li>3. Code appears in left display</li> </ol>
<p>Stores menu item in product button.</p>	<ol style="list-style-type: none"> <li>4. Press  (1650) with product keys.</li> <li>5. FR FRIES appears in the left display. Right display is blank.</li> <li>6. The LED will illuminate in product button 1, the default product button for fries.</li> </ol>
<p>Sets cooking temperature.</p>	<ol style="list-style-type: none"> <li>7. Press  to move to the next menu item.</li> <li>8. Fil e t appears in the left display.</li> <li>9. Choose and press the product button to store the cooking cycle. The LED in the chosen product button will illuminate. The right display is blank.</li> </ol>
<p>Sets duty time.</p>	<ol style="list-style-type: none"> <li>10. Press  on the right side of the split pot fryer and YES appears in the display above the cook channel button. This sets the setpoint to the temperature for filets.</li> <li>11. Press . Duty 1 appears in the left display. M :00 in the right. This sets the seconds into the cook cycle that a duty alarm sounds.</li> <li>12. Press  to toggle between automatic and manual alarm canceling. The left display will alternate between M :00 and A :00 as  is pressed. Manual alarm canceling is the default setting.</li> <li>13. Press . Duty 2 appears in the left display. M :00 appears in the right. This sets the time into the cook cycle in which a second duty alarm will sound.</li> </ol>

# Programming Multi-Product Operation

	<p>14. Use numbered product keys to enter a time if required. M :OO is the default setting.</p> <p>15. Follow step 12 to toggle between automatic and manual alarm canceling.</p>
Sets cook time.	<p>16. Press . Remove appears in the right display. M 3:40, the default cook time for filets, appears in the right display. Use numbered product keys to enter a new cook time in minutes and seconds as required.</p> <p>17. Press  to toggle between automatic and manual alarm canceling.</p>
Sets quality time.	<p>18. Press . Qual appears in the left display; M :OO in the right. Use numbered product keys to enter a hold time for the product. If quality timer is not required, enter 0:00.</p> <p>19. Press  to toggle between automatic and manual alarm canceling.</p>
Sets vat to be used for chosen product.	<p>20. Press . Set-Temp appears in the left display; 35OF (176°C) appears in the right. Use numbered product keys to enter a new setpoint if required.</p> <p>21. Press . Filet appears in left display; Yes in right.</p> <p>22. Press  to move to the next desired menu item, for example, McChicken.</p> <p>23. Repeat steps 9-21 to enter additional menu items.</p> <p>24. With the last programmed menu item displayed on the computer, press  to lock in menu item and exit programming.</p>













# Programming New Menu Items

## Adding New Menu Items


1. Computer displays OFF (Computer must be off to enter programming mode.)
2. Press 
3. Code appears in left display
4. Press  (1650) with product keys.
5. Use the  to advance through menu items until the display reads Pr od 8 or a higher number.
6. Press  and right display will read EDIT. The first character in the left display will flash.
7. Use  keys to enter name of the product. Each key can display one of three letters. Press the key labeled with the needed letter until that letter appears.
8. Press  to advance cursor. Use the #0 key to insert a space.
9. For example to enter “WINGS”, press the #8 product key until w appears in the display.
10. Use the  to advance the cursor to the next display space. Press the #3 key until l appears. Continue until WINGS is spelled out on display.
11. Press .
12. A P flashes and a number is displayed. Use steps 7-10 to enter an abbreviated name for the menu item. The shortened name will alternate with the cook time during a cook cycle.
13. Press . The newly entered product name appears on left.
14. Choose and press a product button, if desired, to store the cooking cycle for the new product. The LED in the chosen product button will illuminate. The right display is blank.


Enter product name.

## Programming New Menu Items


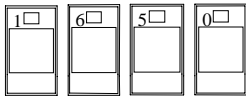






	<p>15. Press . <b>Duty 1</b> appears in the left display. <b>M :00</b> in the right. Use product keys to enter a duty time as required.</p> <p>16. Press  to toggle between automatic and manual alarm canceling. Manual alarm canceling is the default setting.</p>
Sets first duty.	<p>17. Press . <b>Duty 2</b> appears in the left display. <b>M :00</b> appears in the right.</p> <p>18. Use numbered product keys to enter a time if desired.</p>
If no duty time is required, enter 0:00.	<p>19. Press  to toggle between automatic and manual alarm canceling.</p> <p>20. Press . <b>Remove</b> appears in the right display. <b>M:00</b> in the right. Use numbered product keys to enter a cook time in minutes and seconds.</p> <p>21. Press  to toggle between automatic and manual alarm canceling.</p>
Sets cook time.	<p>22. Press . <b>Qual</b> appears in the left display; <b>M :00</b> in the right. Use program keys to enter a hold time for the product as required.</p> <p>23. Press  to toggle between and manual alarm canceling.</p> <p>24. Press . <b>Set-Temp</b> appears in the left display; <b>32F (0°C)</b> appears in the right. Use product keys to enter a setpoint</p> <p>25. Press  and <b>PROBE</b> appears in the left display; <b>YES</b> appears in the right..</p>
Sets setpoint.	<p>26. Use  to toggle between YES and NO. Leave NO in the display to disable probe feature.</p> <p>27. Press . The new product name appears in the left display, <b>YES</b> in the right.</p>

## Programming New Menu Items



28. Press  to advance to next programmable menu location.

29. With the last programmed menu item displayed on the computer, press  to lock in menu item and exit programming.



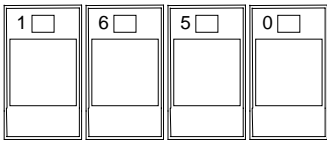


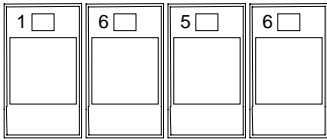
## M2000 Adding/ Selecting Boilout

<b>Add Boil Out</b>	<ol style="list-style-type: none"><li>1. Computer displays OFF.</li><li>2. Press .</li><li>3. Left display shows CODE.</li><li>4. Enter  (1650) with product keys.</li><li>5. Use  to back through programmed items and numbered products to Boil Out, which is in the product 40 position.</li><li>6. Press a  gray product button to store Boil Out. Green LED in button will illuminate.</li><li>7. Press  ON/OFF button to turn off fryer and lock in programming.</li></ol>
<b>Select Boil Out</b>	<ol style="list-style-type: none"><li>1. Press  to turn fryer off.</li><li>2. Computer displays OFF.</li><li>3. Drain shortening from fryer.</li><li>4. Add boil-out solution to frypot to be cleaned.</li><li>5. Press  to turn fryer on. Display will show LOW Temp on display.</li><li>6. Press  used to store boil out programming.</li><li>7. &lt;&lt;&lt;&lt;&gt;&gt;&gt; will appear in computer display.</li></ol>



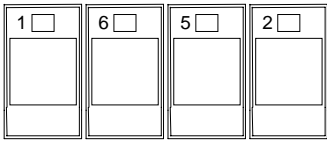


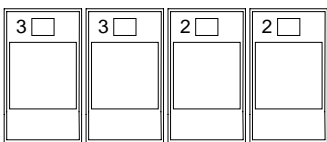
## M2000 Adding/ Selecting Boilout

	<ol style="list-style-type: none"><li>8. Press and hold  the cook channel button under the vat that is to be boiled out. Hold for approximately five seconds and release. Boil Out should appear in display over button.</li><li>9. The cook channel will be dedicated to boil out and have a setpoint of 195° F (90°C).</li><li>10. Press  cook channel under Boil Out display. Follow McDonald's boil out procedures outlined in PM cards.</li><li>11. Upon completion of boil out, follow steps in Adding or Changing Dedicated Items to rededicate the fry vat to a menu item.</li></ol>
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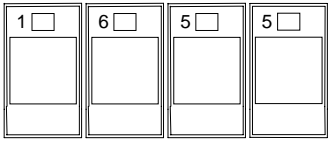





# Quick Reference For Programming Codes

<p><b>Programming</b></p> <p>Used to program product buttons and add new menu items.</p>	<ol style="list-style-type: none"> <li>1. Press .</li> <li>2. Computer displays OFF. Computer must be off to enter programming mode.</li> <li>3. Press .</li> <li>4. code shows in the left display.</li> </ol> <div style="display: flex; justify-content: center; gap: 10px; margin: 10px 0;"> <div style="border: 1px solid black; padding: 2px; text-align: center;">1 <input type="checkbox"/></div> <div style="border: 1px solid black; padding: 2px; text-align: center;">6 <input type="checkbox"/></div> <div style="border: 1px solid black; padding: 2px; text-align: center;">5 <input type="checkbox"/></div> <div style="border: 1px solid black; padding: 2px; text-align: center;">0 <input type="checkbox"/></div> </div> <ol style="list-style-type: none"> <li>5. Press  (1650). <i>See detailed description on pages 4-2 — 6-3.</i></li> </ol>
<p><b>Set Up</b></p> <p>Used to set up computer on initial install or to move a computer to a fryer with a different configuration.</p>	<ol style="list-style-type: none"> <li>1. Press .</li> <li>2. Computer displays OFF.</li> <li>3. Press .</li> <li>4. code shows in the left display.</li> </ol> <div style="display: flex; justify-content: center; gap: 10px; margin: 10px 0;"> <div style="border: 1px solid black; padding: 2px; text-align: center;">1 <input type="checkbox"/></div> <div style="border: 1px solid black; padding: 2px; text-align: center;">6 <input type="checkbox"/></div> <div style="border: 1px solid black; padding: 2px; text-align: center;">5 <input type="checkbox"/></div> <div style="border: 1px solid black; padding: 2px; text-align: center;">6 <input type="checkbox"/></div> </div> <ol style="list-style-type: none"> <li>5. Press  (1656). <i>This code is used to set up the computer. See detailed description on pages 3-1— 3-2.</i></li> </ol>



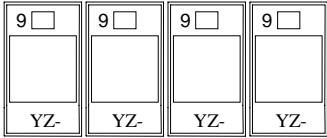



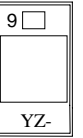
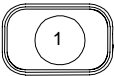

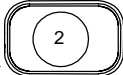

# Quick Reference For Programming Codes

<p><b>Recovery Check</b></p> <p>Displays time required for the fryer to raise the temperature of the oil 50°F (10°C) during a critical stage of warmup.</p>	<ol style="list-style-type: none"> <li>1. Press .</li> <li>2. Computer displays OFF.</li> <li>3. Press .</li> <li>4. CODE shows in the left display.</li> </ol>  <ol style="list-style-type: none"> <li>5. Press (1652).</li> <li>6. A time appears in both displays. This code is used to check the fryer's recovery time.</li> </ol>
<p><b>Factory Reset</b></p> <p>Reloads factory settings for standard menu items.</p> <p><b>Note:</b> Following a factory reset, check all cook times, setpoints, duty and quality times to ensure they are set to specifications established for your restaurant.</p>	<ol style="list-style-type: none"> <li>1. Press .</li> <li>2. Computer displays OFF.</li> <li>3. Press .</li> <li>4. CODE shows in the left display.</li> </ol>  <ol style="list-style-type: none"> <li>5. Press (3322).</li> <li>6. This is used to set the computer to factory defaults. <i>See detailed description on pages 3-1— 3-2.</i></li> </ol>


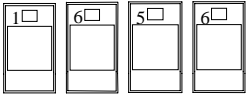




# Quick Reference For Programming Codes

<p><b>Set Language Displayed, Sound Level</b></p> <p>Used to set speaker volume, choose language of the computer display and domestic or international menu defaults.</p>	<ol style="list-style-type: none"> <li>1. Press .</li> <li>2. Computer displays OFF.</li> <li>3. Press .</li> <li>4. CODE shows in the left display.</li> </ol> <div data-bbox="993 264 1341 506" style="border: 1px solid black; padding: 5px;"> <p><b>NOTE:</b> Changing the language displayed on the computer or the menu selection, eliminates any specialized product programming entered by restaurant personnel.</p> </div>  <ol style="list-style-type: none"> <li>5. Press (1655). See pages 3-1 — 3-2 for complete setup instructions.</li> </ol>
<p><b>Changing from Fahrenheit to Celsius</b></p>	<ol style="list-style-type: none"> <li>1. Press  on computer displaying Fahrenheit temperature.</li> <li>2. Computer displays OFF.</li> <li>3. Press .</li> <li>4. CODE shows in the left display.</li> </ol>  <ol style="list-style-type: none"> <li>5. Press (1658).</li> <li>6. Computer screen displays go blank briefly then displays OFF.</li> <li>7. Press . Press . Temperature now displays in Celsius. Repeat steps 1-7 to change back to Fahrenheit.</li> </ol>

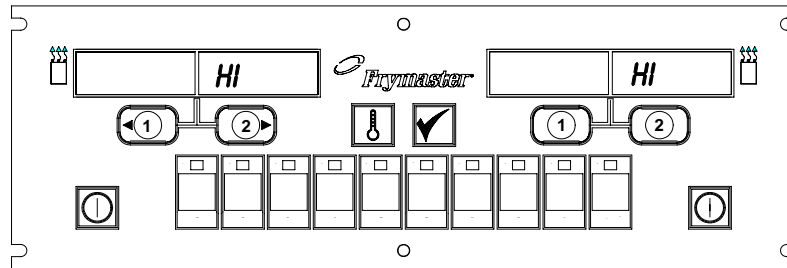
## Quick Reference For Programming Codes

<p><b>Hi-Limit Check</b></p>	<ol style="list-style-type: none"> <li>1. Press .</li> <li>2. Computer displays OFF.</li> <li>3. Press .</li> <li>4. CODE shows in the left display.</li> </ol> <div style="text-align: center; margin: 10px 0;">  </div> <ol style="list-style-type: none"> <li>5. Press     (9999*) for full vat or right side of split pot. <b>Note:</b> The test can only be conducted with the oil above 180°F (82°C). If the shortening temperature is below 180°F (82°C), the computer will display TOO COLD.</li> <li>6. HI-LIMIT shows in the right display.</li> <li>7. Press and hold  right cook channel key.</li> <li>8. Fryer will call for heat and  illuminates.</li> <li>9. Right display will alternate between HI-Limit and the temperature until shortening reaches 410°F (210°C). Then the display changes, alternating between Hi-1 and the temperature.</li> <li>10. Heat is turned off now and hi-1 test is complete.</li> <li>11. Press and hold right , which starts Hi-Limit 2 test.</li> <li>12. The display will alternate between Hi-Limit and the temperature display until the hi-limit opens. The display will show Hi-2.</li> <li>13. Press  to clear test and turn computer off.</li> <li>14. Failure of the Hi-Limit 2 test is indicated by an alternating display of HI-2 and BAD. Call for service immediately if this occurs.</li> </ol>
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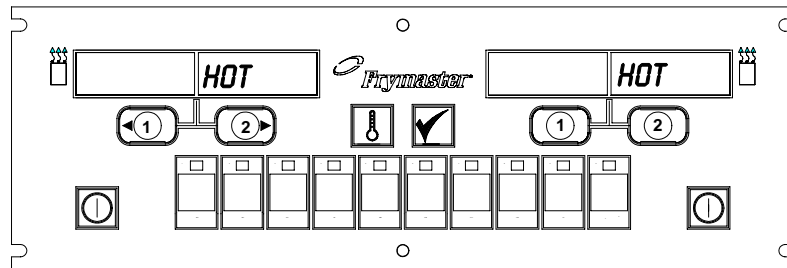
## Quick Reference For Programming Codes

<p><b>Moving Computer to Different Fryer</b></p>	<ol style="list-style-type: none"> <li>1. Press .</li> <li>2. Code appears in left display.</li> <li>3. Press  (1656) with product keys.</li> <li>4. Gas appears in the left display, YES in the right.</li> <li>5. Press  to toggle between YES and NO in the right display. Leave YES in the display for a gas fryer; leave NO for an electric fryer.</li> <li>6. Press  to lock in your choice.</li> <li>7. Split appears in the left display, YES in the right.</li> <li>8. Press  to toggle between YES and NO. Leave YES in display for a split vat; leave NO in the display for a full vat.</li> <li>9. Press  to lock in choice.</li> <li>10. Screen goes blank and OFF is displayed.</li> </ol>
<p>Used when the computer is moved to a fryer with a different configuration.</p>	

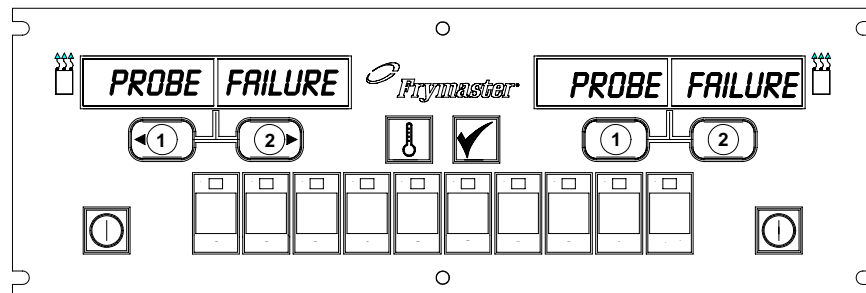
# Distress Displays



**HI:** Shown only when the computer is in non-dedicated mode (displaying dashed lines). Indicates the fryer is 15°F (8°C) above setpoint.

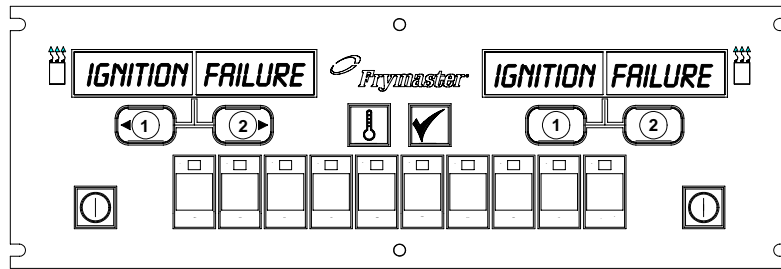


**Hot:** Displayed when the vat reaches 410°F (210°C).

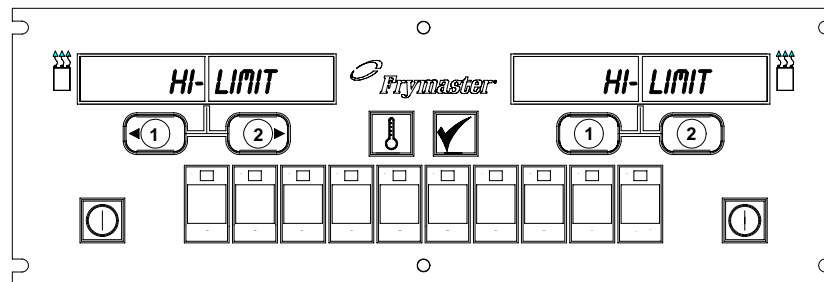


**Probe Failure:** An alternating display indicating a failed temperature probe or a failure in the temperature probe circuit.

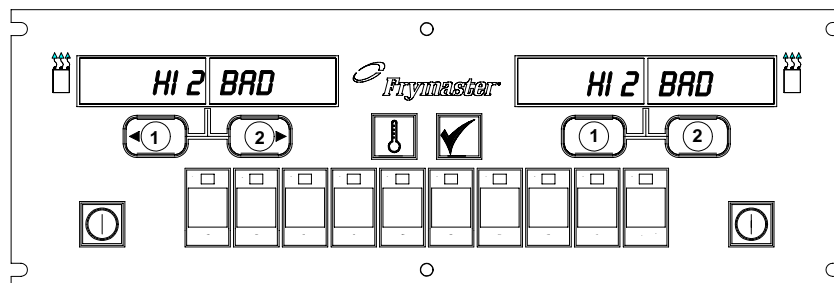
# Distress Displays



**Ignition failure:** Indicates the fryer is not heating. It is displayed when the oil temperature is above 450°F (232°C) and the hi-limit has opened, halting the heating of the oil. It is also displayed if the fryer loses its ability to heat oil.

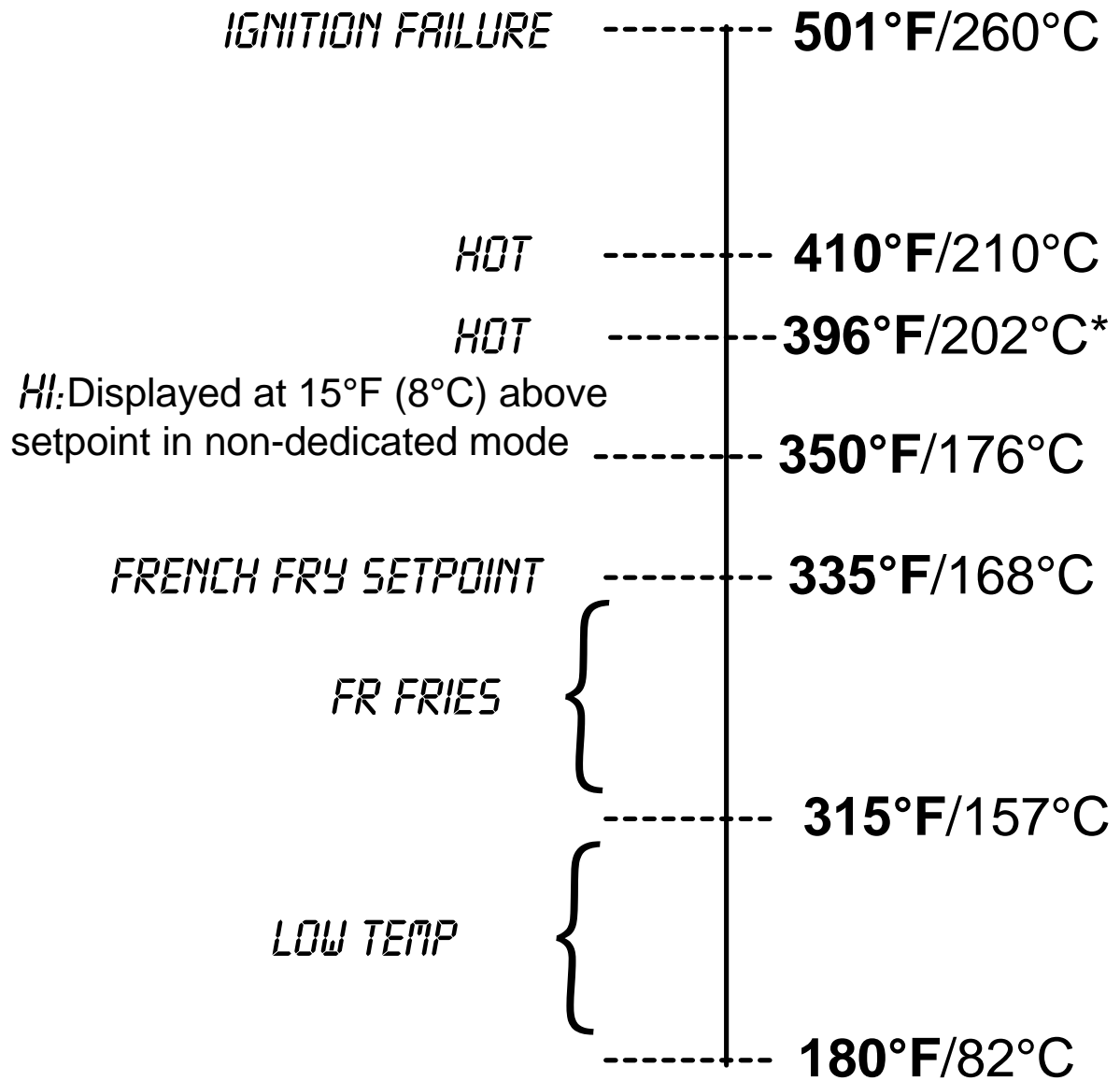


**Hi-Limit:** Displayed during a test of the hi-limit system.



**Hi 2 Bad:** Only displayed during a test of the hi-limit system. Indicates the hi-limit has failed.

## Distress Displays



Temperature/Display Chart for M2000

\*CE display



Frymaster, L.L.C.  
8700 Line Avenue, Shreveport, Louisiana USA 71106  
Service Center (800) 551-8633 or (318) 865-1711

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