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VVC-208 Cooking Computer

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Introduction

Overview

Introduction

The VVC-208 computer is used on convection ovens. The computer has 16 buttons that can be programmed with multiple time/temperature set points, prealarms, messages and alarm names.



Getting Ready

Introduction

Overview

Ovens must be preheated before cooking products.

Standards

Preheat Oven

- Make sure computer/oven is connected to power.
- Turn oven on. Computer displays “Preheat”.
- Press product button if needed.
- Pre-heat oven for at least 30 minutes before using. Display will read “LOAD” when oven is ready.



Cooking

Introduction

Overview

In this section you will learn how to use the VVC-208 computer to cook products.

Standards

At "LOAD" Put Product in Oven

- Make sure the LED (light) for the product you're preparing to cook is ON and the display reads LOAD. If LED is not on, press product key once.
- When display reads LOAD, put product in the oven.

Start Cook Cycle

- Press product button once.
 - Countdown starts and product name scrolls across display. Product LED blinks during cook cycle. Other LEDs go off.
 - If combo cooking is allowed on the button being used, the LEDs for the other combo cooking buttons stay ON.

End Cook Cycle

- At end of cycle, "Done" is displayed and an alarm sounds. The name of the product scrolls across the display.
- Press product button under flashing LED to end cycle and turn alarm off.
- Product alarm will automatically cancel when the door is opened (XCEL oven only).



Very short outages (of a few seconds or less) and surges will not affect computer countdown; cook cycle still ends on time.



Combo Cooking

Introduction

Overview

In this section you will learn how to use the VVC-208 to combo cook products.

Standards

At "LOAD" Put Products in Oven

- Products can be combo cooked when LOAD is displayed and LEDs are on for products that are allowed to be combo cooked.

Start Cook Cycle for Each Product

- To begin cooking second product, place in oven and press product button to start cook cycle.
- Product with the least cook time remaining will be displayed.
- Review remaining cook time for other products by pressing and holding the SCAN button or by pressing the left or right arrow key to scroll through active cook cycles. LED will light to indicate which product is being displayed.

End Cook Cycle for Each Product

- "Done" is displayed at end of cycle; the LED for that product flashes. Press product button to end cycle and turn off alarm.
- Product alarm will automatically cancel when the door is opened (XCEL oven only).
- Display will switch to the remaining time for second product.
- At end of cook cycle for second product, "Done" is displayed at end of cycle; the LED for that product flashes. Press product button to end cycle and turn off alarm.
- All LEDs for buttons that use the same LOAD temperature will turn on.



Very short outages (of a few seconds or less) and surges will not affect computer countdown; cook cycle still ends on time.



Canceling a Cook Cycle

Introduction

Overview

In this section you will learn how to cancel a cook cycle.

Standards

Press and Hold Product Button

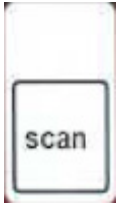
- Press and hold product button for 3 seconds or press the product button three times to cancel cycle in progress.



Computer Function Buttons

Standards

Computer Function Buttons

Button	Function
	<ul style="list-style-type: none">• Used for recipe review when not in program mode.• Used to review time remaining during multiple cooks (press and hold).• Used for switching from predictive text input to traditional text input when programming the Product or Alarm Libraries.

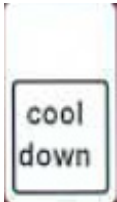


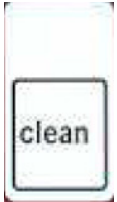



A product recipe contains all set points for the selected key.

To use predictive text, start spelling the name of the product. If the name is already included in the Product or Alarm Library, the product name will appear as you type. To add the product name or alarm name to the library, refer to the instructions included in [Add or Modify Product or Alarm Library](#).



Computer Function Buttons

Button	Function
	<ul style="list-style-type: none"> Used to enter or exit cool down mode.
	<ul style="list-style-type: none"> Press button once to display actual oven temperature. Press button twice to review currently active set temperature. Press button three times to view fan speed. Press four times to view fan direction. Used to clear the existing entry when programming the Product or Alarm Libraries.
	<ul style="list-style-type: none"> Used to access programming mode and change parameters. Left and Right arrows can be used to scroll through active cook cycles to review remaining cook times.
	<ul style="list-style-type: none"> Used to start the clean cycle (XCEL oven only).
	<ul style="list-style-type: none"> Used to manually open the drain valve when not in clean cycle (XCEL oven only).



Reviewing or Resetting Product Counts

Introduction

Overview

Product counts track how many cook cycles have been completed. This is used to monitor how much product has been cooked each day or week.

Standards

Enter Product Count Mode

- Press and hold P key for 3 seconds. Scroll down to Product Cnt.
- Press P key to lock entry.
- Continue pressing P key to scroll through the number of completed cook cycles on each product key.
- Display will show "Reset All Counts". This is the total of all individual product counts. Scroll left or right to select Yes or No.
- If Yes is selected, completed cook cycles will be reset. If No is selected, the computer will prompt you for which item is to be cleared:
 - Total Counts
 - Reset Total CNT
 - Total Count x 100
 - Daily Heads
 - Reset Daily
 - Total Heads x 100
 - Bottle Time Left
- Press P key.
- Scroll to Exit and press P key to exit programming mode.



Total Heads x 100 is a global counter that tracks the total number of cook cycles completed for the life of the oven computer. This counter cannot be reset.



Programming Cook Cycle Set Points

Introduction

Overview

In this section you will learn how to program recipes.

Standards

Enter Program Mode

- Press and hold P key for 3 seconds.
- Scroll up or down to Programming.
- Press P key to lock entry.
- Display prompts user to enter a pass code.

Enter Pass Code

- Enter pass code 1 7 2 4.
- Press P key. Display shows Recipe highlighted.
- Press P key to program recipe or Down Arrow to exit.

Choose a Product Key

- Press the product key to be programmed. That key's LED will stay lit.
- Press P key to select All or use Up and Down arrows to scroll through individual parameters.



Select "All" to review and/or change all parameters for that key. To jump to a specific feature, select one from the list and follow instructions for making changes. If you select a parameter, it will show all stages for that particular parameter.

Choose a Product Name

- Scroll up or down through product names, or start spelling the product name (predictive text) by using the top row of lettered product keys.
- Press P key to lock in text and move to time.



Programming Cook Cycle Set Points



If the product name can not be found, add it to the Product Library. Follow the instructions in the [Add or Modify Product or Alarm Name Libraries](#) section of this procedure.

Set Stage Cook Time

- Scroll down to Time and press P key.
- Enter time for Stage 1. Range is from 00:00 to 99:59.
- Press P key.
- Enter Stage 2 cook time and any additional Stage times if needed.
- Press P key.

Set Stage Temperature

- Scroll down to Temperature and press P key.
- Enter set point temperature for Stage 1. Range is from 180 – 500°F.
- Press P key.
- Enter Stage 2 set point temperature and any additional Stage temperatures if needed.
- Press P key.

Set Stage Timing

- Scroll down to Timing and press P key.
- Scroll left or right to choose Straight, Flex or Sensitivity timing for Stage 1.
 - If Sensitivity timing is selected, enter setting. Range is from 0 – 9.
- Press P key.
- Enter Stage 2 timing and any additional Stage timing if needed.
- Press P key.

Set Fan Speed

- Scroll down to Fan Speed and press P key.
- Scroll left or right to Very High, High, Low or Very Low fan speed for Stage 1.
- Press P key.
- Enter Stage 2 fan speed and any additional Stage fan speeds if needed.
- Press P key.



Programming Cook Cycle Set Points

Set Fan Reverse Time

- Scroll down to Fan Reverse Time and press P key.
- Enter time for Stage 1. Range is from 00:00 to 99:59.
- Press P key.
- Enter Stage 2 fan reverse time and any additional Stage fan cycles if needed.
- Press P key.

Set Alarm Time

- Scroll down to Alarm and press P key.
- Enter Alarm 1 time and any additional alarms if needed.
 - Skip Set Alarm Name, Set Alarm Cancel Mode and Set Alarm Tone steps if alarm time for the stage is zero.
- Press P key.

Set Alarm Name (If Alarm Time is Set)

- Scroll up or down to Alarm Name or start spelling the alarm name (predictive text) using the top row of lettered product keys.
- Press P key.

Set Alarm Cancel Mode (If Alarm Time is Set)

- Scroll down to Alarm Done and press P key.
- Scroll left or right to select how Alarm is cancelled.
 - Automatic sounds alarm for 5 seconds then automatically silences.
 - Manual sounds the alarm continuously until turned off by pressing the product key once.
- Press P key.

Set Alarm Tone (If Alarm Time is Set)

- Scroll down to Alarm Tone and press P key.
- Scroll left or right to select one of five alarm tones or none.
- Press P key.



Programming Cook Cycle Set Points

Set Hold Time

Hold times are not currently in use.

- Scroll down to Hold Time and press P key. Skip to Hold Temperature if hold time is zero.
- Type length of hold time required. Value can range from 00:00 to 99:59.
- Press P key.

Set Hold Temperature (If Hold Time is Set)

Hold temperatures are not currently in use.

- Scroll down to Hold Temp and press P key.
- Type hold temperature required.
- Press P key.

Set Hold Done (If Hold Time is Set)

Hold Done is not currently in use.

- Scroll down to Hold Done and press P key.
- Scroll left or right to select how Hold Done alarm is cancelled.
 - Automatic sounds alarm for 5 seconds then automatically silences
 - Manual sounds the alarm continuously until turned off by pressing the product key once.
- Press P key.

Set Hold Fan Speed (If Hold Time is Set)

Hold fan speeds are not currently in use.

- Scroll down to Hold Fan Speed and press P key.
- Scroll left or right to select hold fan speed.
- Press P key.

Set Product Heads

Product heads sets the value to add to product counts when a cook cycle is completed.

- Scroll down to Product Heads and press P key.
- Type the count required. The range is 0 – 99.
- Press P key.



Programming Cook Cycle Set Points

Program Another Button or Exit

- Repeat programming steps from the Choose a Product Key step or scroll to Exit.
- Press P key.



If programming individual parameters, you must first scroll to Exit before selecting the next product.



Introduction

Overview

System programming is used to set or display various global computer parameters.

Standards

Enter Program Mode

- Press and hold P key for 3 seconds.
- Scroll down to Programming.
- Press P key to lock entry.
- Display prompts user to enter pass code.

Enter Pass Code

- Enter pass code 6 6 4 7.
- Press P key
- Display shows 'System' highlighted.

Enter System Programming Mode

- Press P key.

Set System Parameters

- System parameters will be displayed.
- Press P key to step through settings, left or right arrow keys to change setting or enter in times using number keypad.
 - Appliance Type: Displays the current oven type the computer is set up to be used with. Default is set to XCEL. (Changing appliance type will clear all current recipes programmed.)
 - Select Language: Default is set to English.
 - Tone Level: Default is set to 4 (range is None to 4).
 - Temperature: Default is set to degrees F (option is degrees C).
 - Hold Time: Default is set to 00:00 (not currently in use by KFC).
 - Hold Temp (if Hold Time is set): Range is 140-210°F (not currently in use by KFC).
 - Hold Done (if Hold Time is set): Default is AUTOMATIC (not currently in use by KFC).
 - Hold Fan Speed (if Hold Time is set): Default is HIGH (not currently in use by KFC).
 - Setback Time: Default is set to 00:00 (not currently in use by KFC).
 - Setback Temp (if Setback Time is set): Default is set to 180°F (not currently in use by KFC).
 - Preheat Time: Default is set to 30:00.



Exit System Programming

- Scroll down to Exit.
- Press P key.



Add or Modify Product or Alarm Name Libraries

Introduction

Overview

In this section you will learn how to add or modify the product or alarm name libraries.

Standards

Enter Programming Mode

- Press and hold P key for 3 seconds.
- Scroll down to Programming.
- Press P key.
- Display prompts user to enter a code.

Enter Pass Code

- Enter pass code 6 6 4 7.
- Press P key.

Scroll Down

- Scroll down to 2. Prod Name Lib or 3. Alarm Lib.
- Press P key.

Scroll to Name

- Scroll up or down to name in library or start spelling the name (predictive text) using the top row of lettered product keys.

Modify Product Name If Needed

- Press SCAN to switch from predictive text to traditional text.
- Use the left and right arrows to move the cursor.
- Use the top row of lettered product keys to enter any new text.
- Press HOLD to move between upper and lower case text.
- Press TEMP/TOGGLE CLEAR to clear existing product name. Blank space is located on product key 1.
- Press P key.



Add or Modify Product or Alarm Name Libraries

Select MODIFY or ADD

- Scroll left or right to select MODIFY or ADD.
 - Modify changes the existing product name.
 - Add enters it as a new product name.
 - Select CANCEL to exit without saving changes.
- Press P key.

Exit Programming Mode

- Scroll down to Exit.
- Press P key.



Programming the Clean Cycle

Introduction

Overview

This computer is programmed with default set points.

Standards

Enter Program Mode

- Press and hold P key for 3 seconds.
- Scroll down to Programming.
- Press P key.
- Display prompts user to enter a code.

Enter Pass Code

- Enter pass code 6 6 4 7.
- Press P key.

Scroll Down

- Scroll down to Clean Cycle.
- Press P key.

Set Prerinse Time

- Scroll down to Prerinse Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.

Set Fill Time

- Scroll to Fill Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.



Programming the Clean Cycle

Set Chemical Time

- Scroll to Chemical Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.

Set Wash Time

- Scroll to Wash Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.

Set Rinse Time

- Scroll to Wash Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.

Set Pump Fill Time

- Scroll to Pump Fill Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.

Set Purge Time

- Scroll to Purge Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.

Set Final Rinse Time

- Scroll to Final Rinse Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.



Programming the Clean Cycle

Set Flush Time

- Scroll to Flush Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.

Set Drain Time

- Scroll to Drain Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.

Set Clean Temperature

- Scroll to Clean Temp and press P key.
- Enter temperature. Range is from 180 – 500°F.
- Press P key.

Set Fan Speed

- Scroll to Fan Speed and press P key.
- Scroll left or right to Very High, High, Low or Very Low fan speed.
- Press P key.

Set Fan Reversing Time

- Scroll to Fan Reversing Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.

Set Soil Shield

- Scroll to Soil Shield and press P key.
- Scroll left or right to Yes or No.
- Press P key.



Set Full Bottle Time

- Scroll to Full Bottle Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.

Exit Programming Mode

- Scroll down to Exit.
- Press P key.



Programming the Deliming Cycle

Introduction

Overview

This computer is programmed with default set points.

Standards

Enter Program Mode

- Press and hold P key for 3 seconds.
- Scroll down to Programming.
- Press P key.
- Display prompts user to enter a code.

Enter Pass Code

- Enter pass code 6 6 4 7.
- Press P key.

Scroll Down

- Scroll down to Delime Cycle.
- Press P key.

Set Fill Time

- Scroll down to Fill Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.

Set Wash Time

- Scroll to Wash Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.



Programming the Delimiting Cycle

Set Rinse Time

- Scroll to Rinse Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.

Set Pump Fill Time

- Scroll to Pump Fill Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.

Set Purge Time

- Scroll to Purge Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.

Set Final Rinse Time

- Scroll to Final Rinse Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.

Set Flush Time

- Scroll to Flush Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.

Set Drain Time

- Scroll to Drain Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.



Programming the Delimiting Cycle

Set Delime Temperature

- Scroll to Delime Temp and press P key.
- Enter temperature. Range is from 180 – 500°F.
- Press P key.

Set Fan Speed

- Scroll to Fan Speed and press P key.
- Scroll left or right to Very High, High, Low or Very Low fan speed.
- Press P key.

Set Fan Reversing Time

- Scroll to Fan Reversing Time and press P key.
- Enter time. Range is from 00:00 to 99:59.
- Press P key.

Exit Programming Mode

- Scroll down to Exit.
- Press P key.



Programming the SCK Address

Introduction

Overview

In this section you will learn how to program the SCK Address.

Standards

Enter Program Mode

- Press and hold P key for 3 seconds.
- Scroll down to Programming.
- Press P key.
- Display prompts user to enter a code.

Enter Pass Code

- Enter pass code 6 6 4 7.
- Press P key.

Scroll Down

- Scroll down to SCK Address.
- Press P key.

Set SCK Address

- Default value is set to 30. Scroll left or right to change. Range is 1-31 or Auto Assign.
- Press P key.

Set SCK Node

- Display will scroll all Network Nodes in system. Select the SCK Node required.
- Press P key.



Exit Program Mode

- Scroll down to Exit.
- Press P key.

