CONVECTION OVEN
COMPUTER CONTROLS GUIDE

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WOLF — No worries.

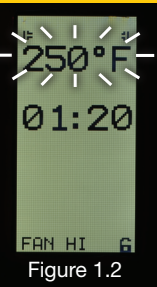**VULCAN** — DONE TO PERFECTION.

QUICK START / MANUAL SETTINGS

Turn the oven on and the display will show the last used setting.


Figure 1.2

Figure 2.2

TEMPERATURE:

1. Press the TEMP button, the set temperature will flash. **(Fig. 1.2)**

2. Enter the desired temperature using the keypad. The new temperature will flash. *(If needed, press the TEMP key and hold for 3 seconds, to display the internal oven temperature. The actual internal oven temperature will continue to be displayed as long as the key is depressed and for 3 seconds after the key is released. The default temperature display is the set temperature.)*

3. Press the OK button to accept.

Figure 3.2

Figure 4.2
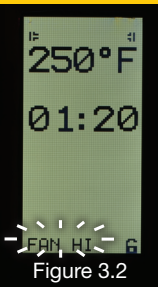
COOK TIME:

1. Press the TIME button, the set time will flash. **(Fig. 2.2)**

2. Enter the desired time in hours and minutes using the keypad. The new time will flash. *(Example: Enter 1, display shows "00:01." Enter 120, display shows "01:20")*

3. Press the OK button to accept or the X key to cancel.
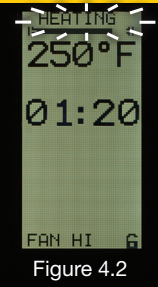
FAN SPEED:

1. Press the FAN button to toggle through fan speeds: HI, LOW, or OFF. **(Fig. 3.2)** *(If gas heat source is selected, choosing fan off will disable heat. Verify that this setting matches the heat source of your oven.)*

START COOK CYCLE:

1. Press the START button. Display will show count down time. (More than 1 hour = HR:MIN, Less than 1 hour = MIN:SEC)

ADD TIME FEATURE:

1. ADD TIME to the current cooking cycle by pressing any of the Number Pad keys.

2. You may add from 1 to 10 minutes by pressing a number pad key during the timing cycle of any cook time. *(Note the "0" key represents 10 minutes of add time)*

NOTE: *When the actual temperature is more than 10°F, below set temperature, the display will say HEATING* **(Fig. 4.2)**, *with a heating progress bar shown below the HEATING. When the actual temperature is less than 10°F, below the set point, the HEATING display will change to READY.*

DISPLAY PANEL GUIDE

1 **SHELF key,** used to assign menu items to up to 6 different shelves. The computer will track up to 6 menu items in 6 shelf positions.

2 **X key,** used to EXIT or cancel programming or operational functions.

3 **% key,** used to program the power level in 10% increments.

4 **MENU key,** used to select a menu item.

5 **FAN key,** used to set the fan speed.

6 **START key,** used to start a cooking timing cycle.

7 **PROG. PORT,** used with standard USB thumb drive, to import software updates and to upload cooking menus created externally with the C3700 menu editor.

8 **UP arrow,** used to scroll through menu and programming functions in the UP direction.

9 **DOWN arrow,** used to scroll through menu and programming functions in the DOWN direction.

10 **TEMP key,** used to set the cooking temperature, manually. Press and hold for 3 seconds to display the actual internal oven temperature.

11 **PROG key,** used to access all programming functions.

12 **TIME key,** used to set the cook time, manually.

13 **OK key,** used to accept programmed inputs.
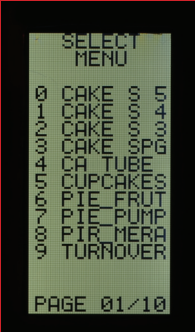

START
PROGRAMMING MODES

To begin programming, Press the **PROG** button, to display the **SYSTEM MENU**. The available choices are:

1. Menu Programming
2. USB
3. System Diagnostics
4. Settings

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1 MENU PROGRAMMING

Press the **1** button on the keypad. The display to the left appears.

Use the up down arrows to select a page of menu items. Once you see the menu item you wish to edit, press the number on the key pad that corresponds to the menu item to be edited.

The display to the left appears, with "NAME" flashing. The following items can be edited:

- NAME
- COOK TEMPERATURE
- COOK TIME
- POWER %
- HOLD FUNCTION
- HOLD TEMPERATURE

Once a menu item is displayed, you can edit any or all of the displayed functions. The item to be edited will be the item name that is flashing. Use the up down arrows to select the function to edit. When it is flashing, press the OK button.

NAME: The curser will flash over the first letter location. Use the up down arrows to change the letters and numbers in the space. The up down arrows run through the alphabet, down increases the letters, up decreases the letters.

After selecting the character for the name location, press the OK button to proceed to the next location. Once the name is as you would like it, press and hold the OK button for three (3) seconds to save the name and move on to the next item.

Use the up down arrows to select the next function to edit. When it is flashing, press the OK button.

COOK TEMPERATURE: The display will flash, the 3 digit number for the set temperature. Press the numbers on the key pad that corresponds to the temperature of the menu item. After selecting the 3 digit temperature, press the OK button to proceed.

Use the up down arrows to select the next function to edit. When it is flashing, press the OK button.

COOK TIME: The display will flash time as "00:00" Hours : Minutes. Press the numbers on the key pad that corresponds to the time of the menu item. (Example: Enter 1, display shows "00:01." Enter 120, display shows "01:20")

After selecting the correct time, press the OK button to proceed.

Use the up down arrows to select the next function to edit. When it is flashing, press the OK button.

POWER %: The current power level will flash.

Press the number on the key pad that corresponds to the Power level required for the menu item. Each number on the pad represents a 10% power level. 1=10%. 2=20%...0=100%. After selecting the correct power level, press the OK button to proceed.

Use the up down arrows to select the next function to edit. When it is flashing, press the OK button. (NOTE: Default setting is 100%)

FAN: The fan speed will flash.

Use the up down arrows to scan between speeds. "HI", "LO" and "OFF". After selecting the correct fan speed, press the OK button to proceed. [note: gas ovens will not cook with the fan set to off.]

Use the up down button arrows to select the next function to edit. When it is flashing, press the OK button.

HOLD FUNCTION: "ON" or "OFF" will flash.

Use the up down arrows to scan between HOLD ON or HOLD OFF. After selecting the hold function, press the OK button to proceed.

Use the up down button arrows to select the next function to edit. When it is flashing, press the OK button.

HOLD TEMPERATURE HTMP: The display will flash, the 3 digit number for the HOLD temperature. Press the numbers on the key pad that correspond to the temperature of the menu item. The hold temperature can only be set to a temperature between 100°F and 200°F. (If attempted to set the Hold temperature below 100°F, it will give you a hold temperature of 100°F. If attempted to set the Hold temperature above 200°F, it will give you a hold temperature of 200°F). After selecting the 3 digit temperature, press the OK button to proceed.

After editing the menu item, and the display shows all of your preferences, press the X button, to exit the edit function. The screen to the left appears.

Press the X button again to exit the system menu window. Press the X button again to exit.

Figure 4

Figure 5

Figure 6

Figure 7

Figure 8

Figure 9

Figure 10
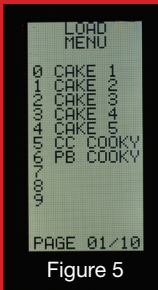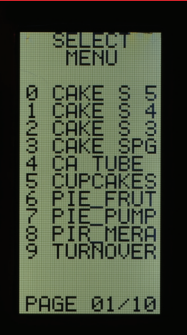
2 USB

Press **1** to select "LOAD MENU." **(Fig. 4)** Press the number on the key pad that corresponds to the menu of choice. **(Fig. 5)** The menu is loaded and the display returns to **(Fig. 4)**

Press **2** to store a menu on the computer to a USB. To assign a name to the program, follow the instructions for "NAME:" in menu programming above. **(Fig. 6)**

3 SYSTEM DIAGNOSTIC

Press the **3** button on the keypad for system diagnostics. **(Fig. 7)**

Press **1** for output tests. Display shows the status of FAN, HEAT relay and ALARMS. **(Fig. 8)**

Press **2** for input tests. Display shows the status of DOOR, V1, V2, act. Temp. software boot date. **(Fig. 9)**
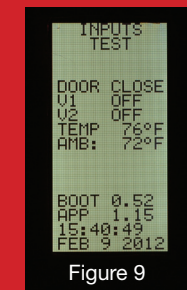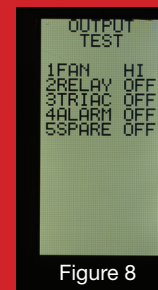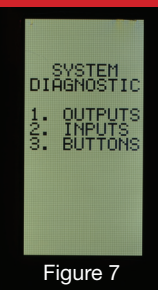
4 SETTINGS

Press **4** for settings menu. **(Fig. 10)**

Press **2** to toggle to change from white on black to black on white.

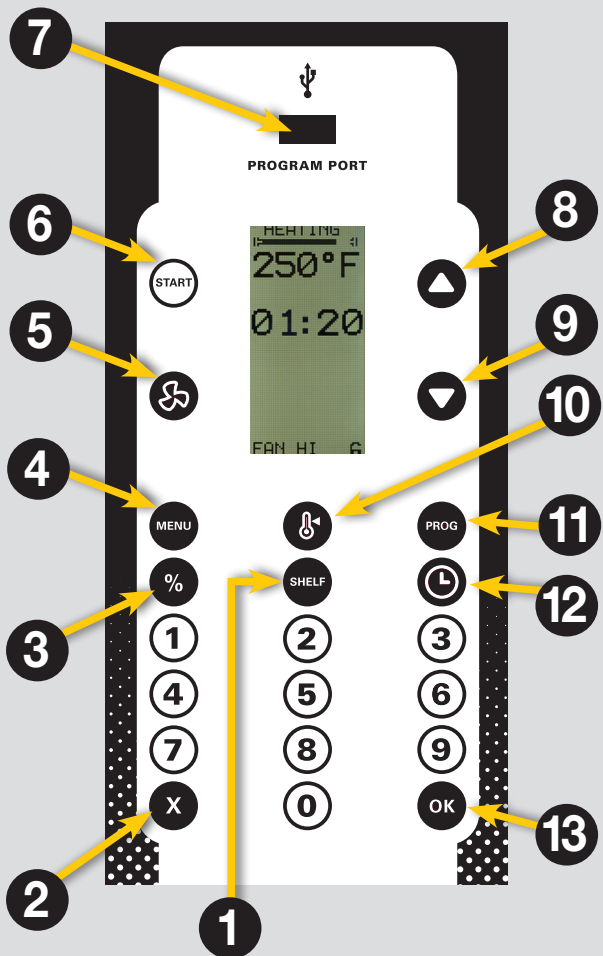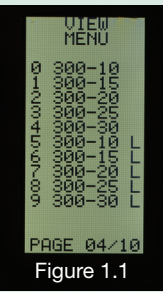Select **1** to change the volume of the alarm.

Select **3** to change the contrast of the display.

Press **4** to toggle to switch from GAS to ELEC. heat source. *(If gas heat source is selected, choosing fan off will disable heat. Verify that this setting matches the heat source of your oven.)*


SHELF TIMER USAGE

Choose either **PRE-PROGRAMMED** or **MANUAL** shelf programming methods. Follow steps 1-3 then **SHELF PROGRAMMING** steps 4-9

STEPS 1-3

Figure 1.1

Figure 2.1

Pre-Programmed Menus:

1 Press the MENU button, a list of 10 menu items will appear. **(Fig. 1.1)** Press the up down arrows to scroll through the 10 pages of 10 menus saved to the C3700. (100 menu items total)

2 Once you find the menu item you require, press the number on the number pad that is shown in front of the menu item in the display.
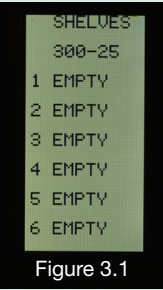
3 The display will show **(Fig. 2.1)**

OR
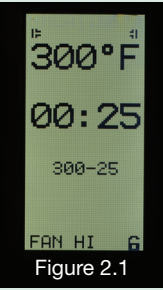
Manual Shelf Timing:

1 Determine the temperature of all of the items to be cooked on all of the shelves. There can be only one set temperature.

2 Press the TEMP button, the temperature displayed will flash. Use the number pad to enter the desired cook temperature then press the OK button to set the temperature.

3 Press the TIME button, the time displayed will flash. Use the number pad to enter the desired cook time, press the OK button to set the time.

STEPS 4-9

Figure 3.1

Figure 4.1

Figure 5.1

4 Press the SHELF button.

5 The display will show the status of all 6 shelves. If nothing has been sent to a shelf, its status is "EMPTY". **(Fig. 3.1)**
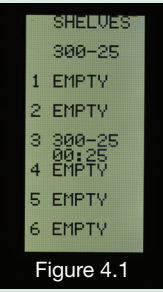
6 Determine which shelf you want this menu item to be cooked on.

7 Press the button, on the number pad, that corresponds to the shelf of choice. Open the oven doors, place the menu item on the selected shelf, close the door and press the START button.

8 The shelf time for the selected shelf will start counting down. **(Fig. 4.1)**
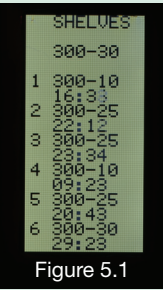
To add an additional item, follow steps **1** – **8** *above, selecting a different shelf. You can use the same menu item or choose a different menu item. When you access the "MENU" button, only those menu items with the same cook temperature will be available for selection, after you have selected a menu item for a shelf. This is because the oven cannot maintain multiple temperatures. All menu items must be the same temperature when using the shelf function.*

You can repeat this process for up to 6 different shelves. All ovens do not have a 6 shelf capacity. Some products require spacing between racks that allow for less than 5 shelves. You must decide the shelf spacing for a given cooking cycle. You must determine the order of the shelves. 1-5, bottom to top or 1-5, top to bottom. The computer does not know where the shelves are, only that you have selected them.

9 The shelf display will show all shelves counting down simultaneously. **(Fig. 5.1)**

To cancel the times on the shelf display, while the times are displayed as above, press the number pad that corresponds to the shelf time to be cancelled and hold it for 3 seconds. Pressing 1 through 6 and holding each for 3 seconds will return the shelf display to "EMPTY" (Fig. 3.1).