

**ALTO SHAAM®
HALO®
HEAT®**



1200-TH/III

**INSTALLATION
OPERATION**

***LOW TEMPERATURE
OVEN***

ELECTRONIC

***COOK
HOLD***

MODEL:

1200-TH/III

Start-Up

1. The unit should be installed level and must not be installed in any area where it may be affected by steam, grease, dripping water, high temperatures, or any other severely adverse conditions.
2. **Minimum clearances are required** for proper air ventilation including 3-inches (76mm) at the back, 2-inches (51mm) at the top, and 1-inch (25mm) at both sides. On site venting for proper airflow must also be provided for built-in counter installations.
3. **Before operating the oven**, clean both the interior and exterior of the unit with a damp cloth and any good commercial detergent at the recommended strength. Rinse surfaces by wiping with a sponge and clean warm water to remove all detergent residue. Wipe dry with a clean cloth or air dry.
4. **Wipe dry door gaskets** and **control panel** with a soft, clean cloth.
5. **Clean and install** the oven side racks, oven shelves, and external drip tray. Shelves are installed with curved edge toward the back of the oven. Insert the drip pan on the interior bottom surface of the oven.
6. **Before operating** the unit with product, become familiar with the operation of the controls. Read this manual and operate the various control functions.



At no time should the oven interior or exterior be steam cleaned, hosed down, or flooded with water or liquid solution. Do not use water jet to clean. Severe damage or electrical hazard could result voiding the warranty.

OPTIONS & ACCESSORIES

Bumper, rubber, full perimeter w/casters	
— 1000-TH/III	44091
— 750-TH/III	44090
— 500-TH/III	44089
Carving Holders	
— Prime Rib Holder	HL-2635
— Ship Round Holder w/pan	4459
Carving Shelf Mounting Adapter	
— 750-TH/III	16237
— 500-TH/III	16222
Casters, 3" (76mm)	14227
Casters, 5" (127mm)	4007
Drip Pan, Extra Deep	
— 750, 1000, 1200-TH/III	1115
Drip Pan, Standard, w/drain and screen	
— 1000, 1200-TH/III	14824
— 750-TH/III	14831
— 500-TH/III	14813
Door Lock w/key	LK-22567
Legs, 6" (152mm) — 500, 750, 1000-TH/III	5205
Leg Kit Option — 1200-TH/III ONLY	44093
Shelves, S/S Rib Rack	
— 1000, 1200-TH/III	SH-2773
— 750-TH/III	SH-2743
Shelves, S/S Flat Wire	
— 1000, 1200-TH/III	SH-2325
— 750-TH/III	SH-2324
— 500-TH/III	SH-2326
Wire pan grid	
— 1200, 1000, 750-TH/III	PN-2115
18" X 26" (457mm x 660mm) Insert	
Stacking Adapter	
1000-TH/III OVER 1000-TH/III • 1000-TH/III OVER 1000-S	5000811
750-TH/III OVER 750-TH/III • 750-TH/III OVER 767-SK/III	
500-TH/III OVER 500-TH/III • 500-TH/III OVER 500-S	
1000-S OVER 100-TH/III, 750-TH/III OVER OR UNDER 750-S, ...	5001359
500-S OVER 500-TH/III	

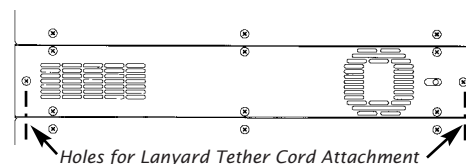


This wall-friendly full perimeter bumper is now offered as standard on the 1200-TH/III cook/hold oven. It is offered as an option for the Models 500, 750, and 1000-TH/III cook/hold ovens.

1200-TH/III Installation Requirements (Double Compartment Oven):

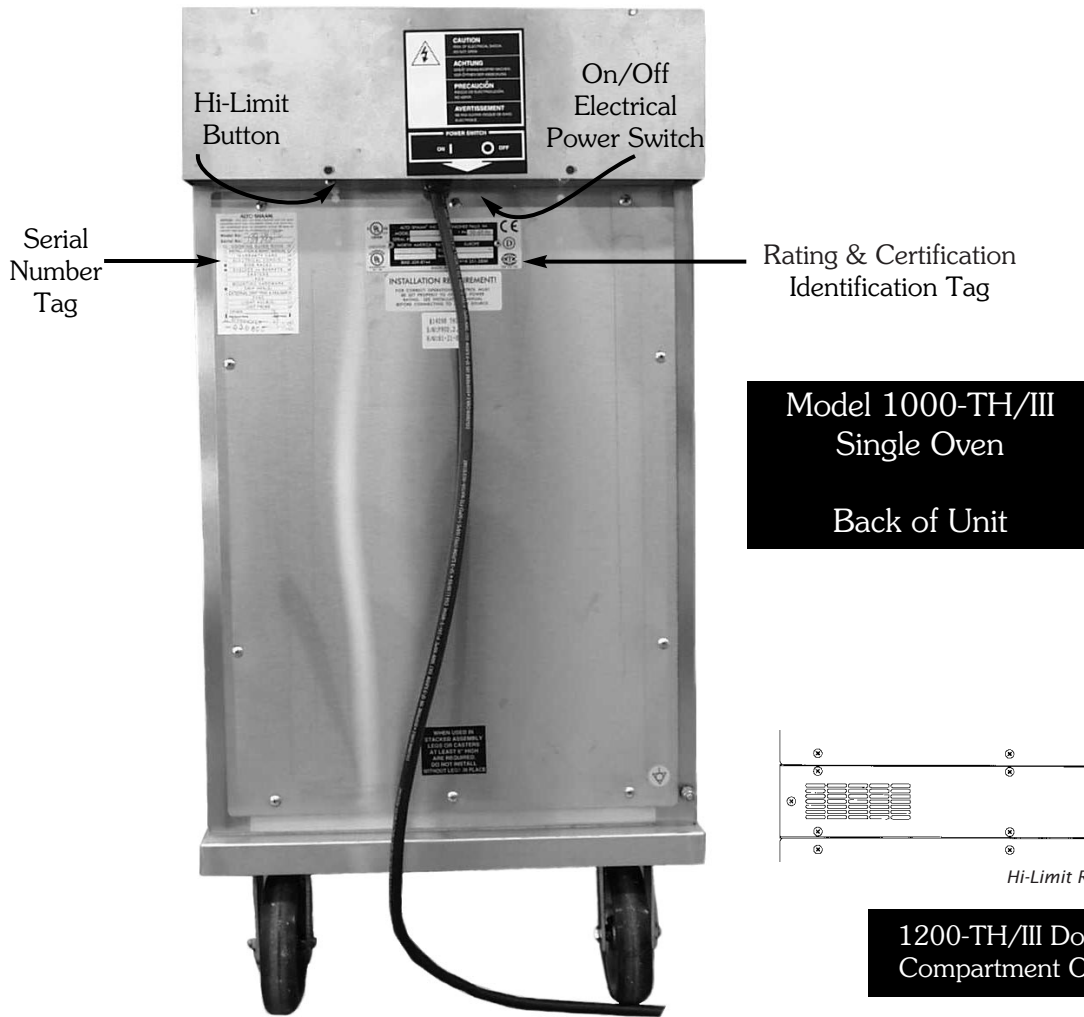
Tether Attachment for Permanent Wiring:

- A permanently connected appliance, with casters attached, must be tethered to the building structure, in two places, to limit movement of the appliance without depending on or transmitting stress to the electrical conduit.
- A hole on each side of the rear center grill, lower flange, is provided for attaching two tether cables. The other end of each should be anchored to the wall structure with hardware sufficient to withstand 200 pound pull. (1/16" aircraft cable and 1/4" x 2" lag bolts are recommended.)
- The appliance shall be installed using flexible conduit, with the system meeting requirements of National Electric Code for appliance rating. International units should meet national or country codes.



Cord Connection for Semi-Permanent Installation:

- Use UL listed (or appropriate country installation) grounding type plug with integral cord grip that is rated for 250 Volts, 30 Amperes, Single Phase, and 10 gauge cord with insulation system meeting codes for installation.
- Conductors of supply cord must be connected to terminal block marked L1 and L2 with greater length for ground lead to center terminal marked GND.



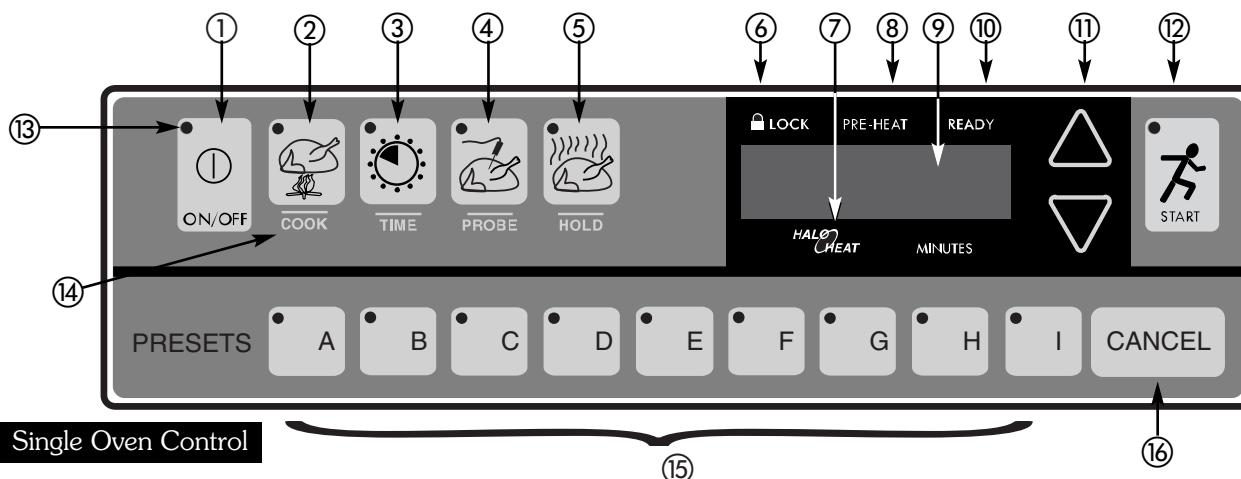
Double Compartment Oven 1200-TH/III Control

This model has two ON/OFF Key controls, one to control the top cooking cavity, one to control the bottom cooking cavity.



Each compartment is controlled and programmed separately.

Double Oven Control



Single Oven Control

CONTROL FEATURES

1. ON/OFF Key

The ON/OFF control system key operates the functions of the control panel. If there is any power loss during operation, the ON/OFF indicator light will flash. To clear, push key and release.

2. COOK Key — Temperature range 200° to 325°F (93° to 162°C)

Used to select cooking mode and to review the cook temperature setting.

3. TIME Key — Maximum time 24 hours

Used to select cook time and to review set time.

4. PROBE Key — Temperature range 50° to 195°F (10° to 91°C)

Used to select internal product probe temperature mode and to review probe temperature setting.

5. HOLD Key — Temperature range 60° to 205°F (15° to 96°C)

Used to select food holding mode and to review set holding temperature.

6. Lock Indicator

When illuminated, this symbol indicates settings used in the cooking sequence are locked and cannot be changed.

7. Halo Heat Indicator

When the oven is preheating, the Halo Heat indicator will illuminate during preheating and remain steady until the oven reaches the set cooking temperature. When the temperature has stabilized, the indicator will illuminate periodically as the oven calls for heat.

8. Oven Preheat Light

Illuminates until the oven is preheated.

9. LED Display

Indicates interior oven air temperature, internal product probe temperature, time, or when used in conjunction with other keys, will review original cooking, holding and probe temperature settings. The display will also indicate various programming and diagnostic information.

10. Ready Indicator Light

Illuminates when the oven has finished preheating.

11. Up and Down Arrows

Used to increase or decrease set time, including cooking, holding and probe temperature settings.

12. START Key

Used to initiate a selected mode sequence when *pressed and released*. You may stop any mode of operation by *pressing and holding* the START Key until you hear a beep.

13. Green Indicator Lights

Located within each function key, the green light functions as an operator prompt indicating additional operator action is required and also identifies current mode of operation.

14. Amber Indicator Lights

Located below the COOK, TIME, PROBE and HOLD Keys, these indicators will illuminate to identify the current mode of operation and allows the operator to identify the information currently shown in the LED display.

15. PRESET Program Keys

Provides memory storage and operation of up to eight operator set cooking programs for specific products (A thru H). I enables locking abilities.

16. CANCEL Key

Used to erase a program from memory storage.

IMPORTANT

Do not use the oven if the controls are not properly functioning. Any questions? Contact us at www.eventservicesgroup.co.uk

Telephone: 03333 442062

AUDIBLE SIGNALS

OVEN BEEPING is used to indicate a YES or NO response to operator input. Beeps also indicate mode CHANGES and ERROR conditions.

One brief beep indicates a YES (enabled) response to the information entered into the control.

Two brief beeps indicate a NO (disabled) response to the information entered into the control.

A beep that lasts for one second indicates an oven mode TRANSITION. Example: Preheat to Ready-Start.

Three brief beeps indicate the oven is in the READY mode for product loading and START-UP.

Four brief beeps indicate an existing FAULT condition. Refer to the Trouble Shooting section of this manual.

Beeper volume can be changed. With the control in the OFF mode, press and hold the DOWN ARROW Key. After 4 seconds, the display will exhibit one of the 4 volume levels (0 being OFF or the lowest, and 3 being the highest). After each change, the button must be released and the display must clear before the procedure can be repeated to select a different volume level.



OPERATING FEATURES & FUNCTIONS

Turn the Oven Control Panel Off:

Press and hold the ON/OFF Key for three seconds. Oven will beep. The ON/OFF indicator light will go out.

Stop an Operation:

Press and hold the START Key for several seconds until the control beeps, indicating the operation has been cancelled. The oven will remain in a power-on state.

Arrow Keys:

Cook, Hold and Probe Temperature set points can be adjusted by 1° when pressing the ARROW Keys. To change a set point more rapidly, **press and hold** the ARROW Key along with the key for the temperature function, and the temperature changes in steps of 10°F or 5°C.

The **Time** setting is adjusted in increments of one minute by pressing the ARROW Keys. To make adjustment in steps of ten minutes, **press and hold** the TIME Key and ARROW Key at the same time.

Probe Usage:

When the probe is left in the probe bracket, the LED temperature display will indicate the ambient air temperature inside the oven. To use the probe for cooking remove it from the bracket and wipe the full length of the metal probe with a disposable alcohol pad to clean and sanitize before using.

SPECIAL ATTENTION:

When preheating, the temperature of the product probe reaches the air temperature inside the oven. Always allow the product probe temperature to decrease to the internal temperature of the raw product by inserting the probe and waiting one full minute before pressing the start button. A false reading of the internal temperature of the product may cause the oven to default to a holding temperature.

Only the tip of the probe senses the internal product temperature; therefore, it is important the tip be placed correctly in the product for internal temperature accuracy. Push the probe tip halfway into the product, positioning the tip at the center of the food mass. When inserting the probe into solid foods such as meat roast or poultry breasts, push the probe in from a straight downward position or in from the side to the center position. If placing into a semi-liquid or liquid product, the probe cable must be secured to keep the probe positioned properly. Do not let the probe tip touch the edges, bottom or side of a container. Tape the probe cable to the lip or edge of the container.

Display High/Low Probe Temperatures:

To observe the recorded maximum or minimum probe temperature during a cooking program press the following keys:

Highest Temperature: Press PROBE Key and UP ARROW Key at same time.

Lowest Temperature: Press PROBE Key and DOWN ARROW Key at same time.

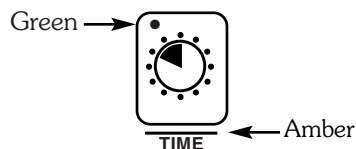
Halo Heat Indicator:

When the oven is preheating the Halo Heat indicator light will remain illuminated until it reaches the set cook temperature. Once the temperature has stabilized, this indicator will illuminate periodically as the oven calls for heat.

Green and Amber Indicators:

Each program key includes a green light which indicates a requirement for additional programming by the operator or the current operational state of the oven.

The COOK, TIME, PROBE, and HOLD keys include an amber indicator light to identify the information being displayed.



Power Fail Detect:

If the power were to fail for any reason while heating, the control will retain, in memory, the programmed operating conditions. When power is restored, the control will resume operating from the point where it was interrupted and the ON/OFF indicator light will flash, indicating that such an event did occur. The operator can turn off the flashing light by pressing the ON/OFF key.

If such an event has occurred, it is strongly recommended that you ensure the food is safe for consumption according to local health regulations.

Cook by Time: IS THE MAIN ELECTRICAL POWER SWITCH ON?**HELPFUL HINT**

To avoid prolonged preheat times between loads, leave the oven in the hold mode.

**Press and release control ON/OFF key.**

- The green indicator light on the ON/OFF key will illuminate.
- The oven will beep for one second.
- The oven will begin operating in the hold mode.
- The amber hold indicator will illuminate.
- The previously set hold temperature will be displayed.

**Press the HOLD Key.**

➔ To change the hold temperature, press the UP or DOWN ARROW Keys.

Note: If the oven is being used for hot food holding only, adjust the set holding temperature. *Do not* press the COOK, TIME, or PROBE Keys.

**Press COOK Key to preheat.**

- The green indicator light on the COOK Key will illuminate.
- Last set cooking temperature will be displayed.
 - ➔ To change the cook temperature, press the UP or DOWN ARROW Keys.
- The green indicator light on the TIME Key and on the PROBE Key alternately flash.

**Press TIME Key.**

- The green indicator light on the TIME Key will illuminate.
- Last set time is displayed.
 - ➔ To change the cook time, press the UP or DOWN ARROW Keys.
- The green indicator light on the TIME Key will illuminate.
- Halo Heat and Pre-Heat indicator will illuminate.
 - ➔ The oven is automatically programmed to preheat to the cook temperature.
- The oven will beep when preheated and the preheat indicator light will go out.
- Both the Ready and Start indicator lights will flash.
 - ➔ The set cook temperature will be maintained by the oven and appear in the display while in the ready/start mode.

Cold food for rethermalization or reheating must never be added to the oven while hot food is being held.

Load the food inside oven and close the oven door.

Note: The oven will beep 3 times every 25 seconds until the oven is loaded and the START Key pressed.

**Press and release START key.****COOK**

- The oven will beep.
- The green indicators for power, cook, time, and start will illuminate.
- The display will alternate between showing the set cook temperature and the remaining time.

HOLD

- The oven will beep at the end of the timed cooking cycle.
- The green indicator for cook will remain illuminated.
- The display will alternate between showing the set hold temperature and the amount of time the product has remained in the holding mode.
- The Ready indicator light will illuminate after 2 hours in the hold mode.

Note: The ready indicator does not necessarily indicate a product-ready state. For best results, the product must remain in the oven at the set holding temperature for the minimum number of hours indicated in the individual cooking instructions.

- The oven will remain operating in the hold mode until the control ON/OFF Key is pressed.

Cook by Probe: IS THE MAIN ELECTRICAL POWER SWITCH ON?**Press and release control ON/OFF Key.**

- The green indicator light on the ON/OFF key will illuminate.
- The oven will beep for one second.
- The oven will begin operating in the hold mode.
- The amber hold indicator will illuminate.
- The previously set hold temperature will be displayed.

Cold food for rethermalization or reheating must never be added to the oven while hot food is being held.

**Press the HOLD Key.**

➔ To change the hold temperature, press the UP or DOWN ARROW Keys.

Note: If the oven is being used for hot food holding only, adjust the set holding temperature. *Do not* press the COOK, TIME, or PROBE keys.

**Press COOK Key to preheat.**

- The green indicator light on the COOK Key will illuminate.
- Last set cooking temperature will be displayed.
- ➔ To change the cook temperature, press the UP or DOWN ARROW Keys.
- The green indicator light on the TIME Key and on the PROBE Key alternately flash.

**Press PROBE Key.**

- The green indicator light on the PROBE Key will illuminate.
- Last set internal product temperature is displayed.
- ➔ To change the internal product temperature, press the UP or DOWN ARROW Keys.
- The green indicator light on the PROBE Key will illuminate.
- Halo Heat and Pre-Heat indicator will illuminate.
- ➔ The oven is automatically programmed to preheat to the cook temperature.
- The oven will beep when preheated and the preheat indicator extinguished.
- Both the Ready and Start indicator lights will flash.
- ➔ The set cook temperature will be maintained by the oven and appear in the display while in the ready/start mode.

Load the food inside oven. Remove probe from its bracket, wipe the probe tip with a disposable alcohol pad and insert probe properly into the product. Close the oven door.



Note: Oven will beep 3 times every 25 seconds until oven is loaded and START Key pressed.

**Press and release START key.****COOK**

- The oven will beep.
- The green indicators for power, cook, probe, and start will illuminate.
- The display will alternate between showing the probe temperature and the elapsed time.

HOLD

- The oven will beep when the set probe temperature has been reached.
- The green indicator for cook will remain illuminated.
- The display will alternate between showing the set hold temperature and the amount of time the product has remained in the holding mode.
- Ready indicator light will illuminate after 2 hours in the hold mode.

Note: The ready indicator does not necessarily indicate a product-ready state. For best results, the product must remain in the oven at the set holding temperature for the minimum number of hours indicated in the individual cooking instructions.

- The oven will remain operating in the hold mode until the control ON/OFF Key is pressed.

Preset Menu Keys:

Alto-Shaam Cook and Hold ovens allow the operator to set up to eight cooking programs. Each cooking program can be preset in any program mode to cook by time or internal product temperature. Cooking programs are recalled and stored using the PRESET Keys labeled "A through H." These keys, along with the key labeled "I" share additional functions described in the "User Options" section of this manual.



Programming a Cooking Program

Prior to this procedure, make sure the oven is "OFF". Select the food product to be programmed. Press and release control ON/OFF key. The oven will beep for one second and power to the unit will be indicated by an illuminated green indicator light located in the upper left corner of the ON/OFF key. The oven will begin operating in the hold mode. The amber hold indicator will be illuminated and the last set hold temperature will be displayed.



Press HOLD Key. To change the hold temperature, press the UP or DOWN ARROW Keys.



Press COOK Key. Oven preheat indicator will illuminate and the last set cooking temperature is displayed. To change the cook temperature, press the UP or DOWN ARROW Keys.



To cook by time — press the TIME Key. Last set cooking time is displayed. To change the set time, press the UP or DOWN ARROW Keys. The green Time indicator will illuminate.

— or —



To cook by probe — press the PROBE Key. Last set internal product temperature is displayed. To change the set temperature, press the UP or DOWN ARROW Keys. The green Probe indicator will illuminate.

The oven preheat indicator will illuminate. Oven is now in the preheat mode and is automatically programmed to preheat to the cook temperature.



Select a letter code for the product programmed by the previous steps. Press and hold the selected PRESET key until you hear a brief, four second beep. The letter key program indicator light will illuminate and the product programmed is now stored in memory for the specific letter key pressed. Additional programs can be stored in the remaining PRESET Keys if not previously programmed.



Note: The last PRESET Key used will be the oven cooking run sequence for the next product to be programmed. Settings can be manually changed for the next product and an alternate pre-programmed letter key selected.

Erasing a Cooking Program

To erase a program, the oven must be in either the power-up hold mode or in the preheat mode. The oven cannot be running a Preset Menu program.

When the oven is in the power-up hold mode or in the preheat mode, press and hold both the CANCEL Key and the appropriate letter PRESET Key to be erased. The oven will beep in approximately four seconds and the program's indicator light will go out to indicate the program has been erased.

Cook Using Preset Menu Keys:



Press and release control ON/OFF Key.

- The green indicator light on the ON/OFF key will illuminate.
- The oven will beep for one second.
- The oven will begin operating in the hold mode.
- The amber hold indicator will illuminate.
- The previously set hold temperature will be displayed.
- PRESET Keys with stored cooking programs will have green indicator illuminated.



Press Desired PRESET Key (A through H)

- Halo Heat and Pre-Heat indicator will illuminate.
 - ➔ The oven is automatically programmed to preheat to the cook temperature programmed.
- The oven will beep when preheated and the preheat indicator will go out.
- Both the Ready and Start indicator lights will flash.
 - ➔ The set cook temperature will be maintained by the oven and appear in the display while in the ready/start mode.

Load the food inside oven. If cooking by probe, remove probe from its bracket, wipe the probe tip with a disposable alcohol pad and insert probe properly into product. Close the oven door.



Note: The oven will beep 3 times every 25 seconds until the oven is loaded and the START key pressed.



Press and release START Key.

COOK

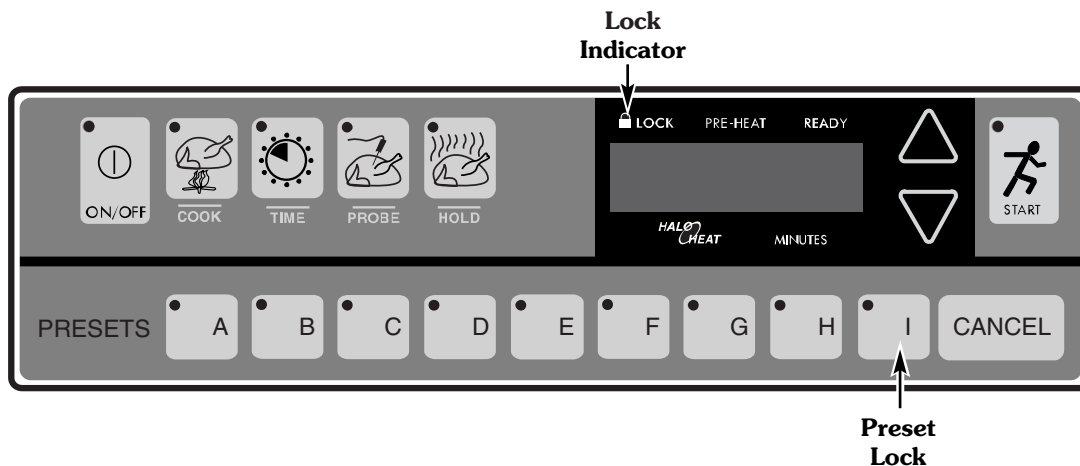
- The oven will beep.
- The green indicators for power, cook, probe or time, and start will illuminate.
- If programmed to cook by time, the display will alternate between showing the set cook temperature and the time remaining.
- If programmed to cook by probe, the display will alternate between showing the set cook temperature and the elapsed time.

HOLD

- The oven will beep when the set probe temperature has been reached or set time has elapsed.
- The green indicator for cook will remain illuminated.
- The display will alternate between showing the set hold temperature and the amount of time the product has remained in the holding mode.
- The Ready indicator light will illuminate after 2 hours in the hold mode.

Note: The ready indicator does not necessary indicate a product-ready state. For best results, the product must remain in the oven at the set holding temperature for the minimum number of hours indicated in the individual cooking instructions.

- The oven will remain operating in the hold mode until the control ON/OFF Key is pressed.



PRESET Keys Lock and Unlock

PRESET Keys A through H can be locked in order to prevent storing, altering or erasing a program.

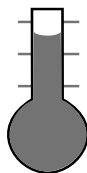
To lock the PRESET Keys, **press and hold** the "I" Key for four seconds. Oven will beep. Release the "I" key. The green indicator on the "I" key will illuminate. Oven PRESET Keys A through H are now locked.

Note: Only the oven PRESET keys A through H are affected by this lock-out in order to also allow the oven to be used with the unprogrammed Cook, Probe, or Hold modes.

To unlock the PRESET Keys, **press and hold** the CANCEL Key along with the "I" Key for four seconds. You will hear a brief beep. Release all keys. The green indicator on the "I" key will extinguish. The oven preset keys are now unlocked.

Fahrenheit or Celsius Selection

With the control in the **off mode**, **press and hold** the UP ARROW Key. After four seconds, the display will toggle between Fahrenheit and Celsius. After each change the button must be released. The display must clear before the procedure can be repeated.



Control Panel Lock and Unlock

The control panel can be locked at any time in order to prevent inadvertent or accidental setting changes.

To lock the control panel, **press and hold** the UP ARROW Key and then press the ON/OFF Key. You will hear a brief beep and the panel lock indicator will illuminate. Release all keys. The oven's control panel is now locked.



Note: The control panel is now fully locked with the exception of the ON/OFF Key and ARROW keys. You will be unable to turn the oven control off at this point.

To unlock the control panel, **press and hold** the DOWN ARROW Key and then press the ON/OFF Key. You will hear two brief beeps and the panel lock indicator will extinguish. Release all keys. The panel is now unlocked and ready for normal use.

Beeper Volume Selection

With the control in **the off mode**, **press and hold** the DOWN ARROW Key. After 4 seconds, the display will show one of the 4 volume levels (0 being OFF or the lowest, and 3 being the highest). After each change, the button must be released and the display must clear before the procedure can be repeated to select a different volume level.

