

OPERATION

Oven Control, Clock and Timer

Your new touch pad oven control will allow you to set oven functions with ease.. Below are the different types of functions and a description of each.

Traditional oven functions

- BAKE -- Cooks foods in the traditional oven with a temperature HOUR MIN range °f 170°F t° 550°F
- BROIL -- Cooks foods at 550°F HI broil or 450 ° LO broil from the direct heat of the upper element Broiling should be done with the door opened to the broil stop position
- CLEAN -- Cleans the inside area of TEMP the oven for you. When the cycle is finished, the oven will turn off automatically

Time oven functions

Set the amount of time you want foods to cook or the oven to clean° The oven turns off automatically at the end of this time.

Set the time of day you want the oven to turn on, The oven will turn on automatically at the time you have set.

Other touch pads

- The HOUR/MIN UP and DOWN arrow pads set the time of day, length of cooking time, length of cleaning time, the delayed start time, and the time set on the Kitchen Timer,
- The TEMP UP and DOWN arrow pads set the temperature used for cooking°
- The START pad must be pressed to activate any oven function.
- The CLEAR/OFF pad is used to cancel any oven function and the end of cycle tone. It will not cancel the Clock or Kitchen Timer.
- The KITCHEN TIMER pad is used to turn the Kitchen Timer on or off. It will not control any of the other oven functions.
- The CLOCK pad is used to set the time of day,
- Turns oven light on or off.

Control Display

The Control Display is an easy reference for using your oven control. Below are descriptions of how the Control Display works.

OVEN TEMPERATURE INDICATOR -- This indicator has a multiple purpose.

- Displays the temperature

- Displays an error code -- "ERR" - If the oven temperature indicator flashes "ERR", then you have set an invalid time or temperature.
- Displays Oven Problems-- If your control flashes "F" and a number or letter, you have experienced an oven problem. Please read the section on F-CODES in your manual.

"ON" INDICATOR --Will light when the oven turns on

SET INDICATORS --The set indicator will flash in combination with an oven function or timed function to let you know you need to set a time or temperature Example: "SET" and "BAKE" will Flash to let you know you need to set the bake temperature.

TIMED INDICATOR -- Displays the time of day, cooking time, delay start time, cleaning time or the time set on the Kitchen Timer.

- Displays a reminder code -- "PUSH START" if the time indicator flashes the words "PUSH START", then you need to press the START pad to activate your setting.

OVEN FUNCTION INDICATORS -- Displays which oven function has been set, when the oven door locks, and if the function is delayed.

Clock and Timer

Clock

The clock must be set for the correct time of day before a delayed oven function can work properly. The time of day cannot be changed during a timed oven function, but can be changed during a bake or broil function.

HOW TO SET THE CLOCK

1. Press the CLOCK pad.
2. Press the HOURiMIN UP and/or DOWN arrow pads to set the time.
3. Press the START pad

RECALL THE CLOCK

While using your oven for cooking, press the CLOCK pad if you wish to check the time of day. The current time of day will show in the display.

POWER FAILURE

If you have experienced a power failure, the time will flash in the display and will be incorrect. Reset your clock. Any oven cooking function that was in process will need to be reset.

Kitchen timer

The Kitchen Timer is used to time cooking processes or other household activities. It does not control the oven, It can be set for up to 9 hours and 59 minutes. It will count down in minutes until the LAST 60 SECONDS is reached, then the control will beep once, When the countdown reaches ZERO, the control will beep 3 times followed by one beep every 6 seconds until the KITCHEN

TIMER pad is pressed The 6 second beep can be removed for future cycles if desired, For directions on removing this continuous beep, see Tones on the following page.

HOW TO SET THE TIMER

1. Press the KITCHEN TIMER pad.
2. Press the HOUR/MIN UP and/or DOWN arrow pads to set time.
3. Press the START pad.
4. When the countdown has reached zero, press the KITCHEN TIMER pad to turn off the beep.

To cancel the timer during the countdown, press the KITCHEN TIMER pad TWICE.

Tones

Your new control has a series of tones that will sound at different times, These tones may sound while you set the control for an oven function, or at the end of the oven function It will also alert you that there may be a problem with the functions Below are the types of tones and a brief description of each

- TONES WHILE SETTING THE CONTROL -- When you press a touch pad you will hear a beep. This beep will let you know you have placed enough pressure on the pad to activate it (The arrow pads do not beep)
- END OF TIMED CYCLE TONE -- At the end of a timed cooking function, you will hear 3 short beeps followed by 1 beep every 6 seconds. This 6 second beep will continue to sound until the CLEAR/OFF pad is pressed or you may select the special feature to cancel this 6 second beep from sounding at the end of future cycles.

TO CANCEL THE 6 SECOND BEEP

1. Press and hold the BAKE and BROIL pads, at the same time for 3 seconds, until the display shows "SF",
2. Press the KITCHEN TIMER pad. The display will show "CON BEEP" (continuous beep)
3. Press the KITCHEN TIMER pad again, The display will show "BEEP" (beep canceled).
4. Press the START pad to cancel the 6 second beep and leave the special feature mode,

If you would like to return the 6 second beep, repeat steps above until the display shows your choice and press the START pad

ATTENTION TONE -- This tone will sound if you make an error or an oversight is made while setting an oven function.

Examples would be:

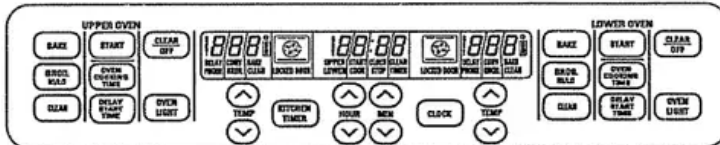
- a. Setting a clean cycle and the oven door is not properly closed.
- b. Setting function and not pressing the START pad,
- c. Pressing an additional function pad without first setting a temperature or time.

Any of these can be quickly identified by watching the display.

PREHEAT TONE -- When you set an oven temperature, the oven automatically starts to heat. When the temperature inside the oven reaches the temperature you have set, a tone will sound to let you know the oven is ready for baking.



OPERATION Oven Control, Clock and Timer



Your new touch pad oven control will allow you to set oven functions with ease. Below are the different types of functions and a description of each.

TRADITIONAL OVEN FUNCTIONS

BAKE — Cooks foods in the traditional oven with a temperature range of 170°F to 550°F.

BROIL — Cooks foods at 550°F **HI** broil or 450° **LO** broil from the direct heat of the upper element. Broiling should be done with the door opened to the broil stop position.

CLEAN — Cleans the inside area of the oven for you. When the cycle is finished, the oven will turn off automatically.

TIMED OVEN FUNCTIONS

OVEN COOKING TIME Set the amount of time you want foods to cook or the oven to clean. The oven turns off automatically at the end of this time.

DELAY START TIME Set the time of day you want the oven to turn on. The oven will turn on automatically at the time you have set.

OTHER TOUCH PADS

HOUR **MIN** The **HOUR/MIN UP** and **DOWN** arrow pads set the time of day, length of cooking time, length of cleaning time, the delayed start time, and the time set on the Kitchen Timer.

TEMP UP **DOWN** The **TEMP UP** and **DOWN** arrow pads set the temperature used for cooking.

START The **START** pad must be pressed to activate any oven function.

CLEAR OFF The **CLEAR/OFF** pad is used to cancel any oven function and the end of cycle tone. **It will not cancel the Clock or Kitchen Timer.**

KITCHEN TIMER The **KITCHEN TIMER** pad is used to turn the Kitchen Timer on or off. It will not control any of the other oven functions.

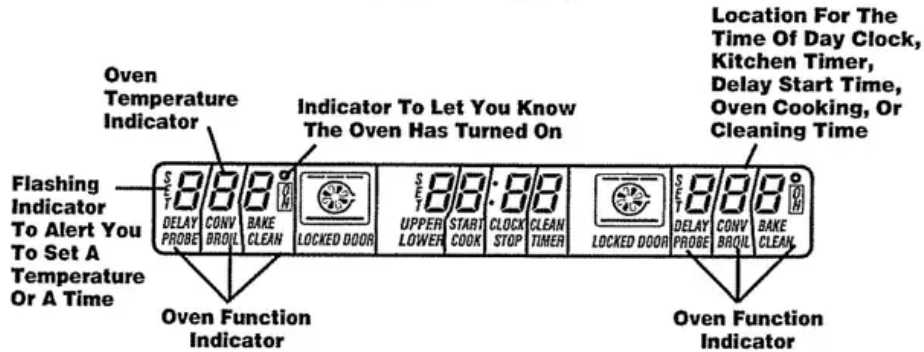
CLOCK The **CLOCK** pad is used to set the time of day.

OVEN LIGHT Turns oven light on or off.



OPERATION

Control Display



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— This indicator has a multiple purpose.

- **Displays the temperature**
- **Displays an error code** — “ERR” - If the oven temperature indicator flashes “ERR”, then you have set an invalid time or temperature.
- **Displays Oven Problems** — If your control flashes “F” and a number or letter, you have experienced an oven problem. Please read the section on **F-CODES** in your manual.

“ON” INDICATOR — Will light when the oven turns on.

SET INDICATORS — The set indicator will flash in combination with an oven function or timed function to let you know you need to set a time or temperature. Example: “SET” and “BAKE” will **Flash** to let you know you need to set the bake temperature.

TIMED INDICATOR — Displays the time of day, cooking time, delay start time, cleaning time or the time set on the Kitchen Timer.

- **Displays a reminder code** — “PUSH START”-If the time indicator flashes the words “PUSH START”, then you need to press the **START** pad to activate your setting.

OVEN FUNCTION INDICATORS

— Displays which oven function has been set, when the oven door locks, and if the function is delayed.



OPERATION

Clock and Timer

CLOCK

The clock must be set for the correct time of day before a delayed oven function can work properly. The time of day **cannot** be changed during a timed oven function, but **can be** changed during a bake or broil function.

HOW TO SET THE CLOCK



1. Press the **CLOCK** pad.
2. Press the **HOUR/MIN UP** and/or **DOWN** arrow pads to set the time.
3. Press the **START** pad.

RECALL THE CLOCK

While using your oven for cooking, press the **CLOCK** pad if you wish to check the time of day. The current time of day will show in the display.

POWER FAILURE

If you have experienced a power failure, the time will flash in the display and will be incorrect. Reset your clock.

Any oven cooking function that was in process will need to be reset.

KITCHEN TIMER

The Kitchen Timer is used to time cooking processes or other household activities. It does not control the oven. It can be set for up to 9 hours and 59 minutes. It will count down in minutes until the **LAST 60 SECONDS** is reached, then the control will beep once. When the countdown reaches **ZERO**, the control will beep 3 times followed by one beep every 6 seconds until the **KITCHEN TIMER** pad is pressed. The 6 second beep can be removed for future cycles if desired. For directions on removing this continuous beep, see Tones on the following page.

HOW TO SET THE TIMER



1. Press the **KITCHEN TIMER** pad.
2. Press the **HOUR/MIN UP** and/or **DOWN** arrow pads to set time.
3. Press the **START** pad.
4. When the countdown has reached zero, press the **KITCHEN TIMER** pad to turn off the beep.

To cancel the timer during the countdown, press the **KITCHEN TIMER** pad **TWICE**.



OPERATION **Oven Control, Clock and Timer**

TONES

Your new control has a series of tones that will sound at different times. These tones may sound while you set the control for an oven function, or at the end of the oven function. It will also alert you that there may be a problem with the functions. Below are the types of tones and a brief description of each.

TONES WHILE SETTING THE CONTROL — When you press a touch pad you will hear a beep. This beep will let you know you have placed enough pressure on the pad to activate it. (The arrow pads do not beep.)

END OF TIMED CYCLE TONE — At the end of a timed cooking function, you will hear 3 short beeps followed by 1 beep every 6 seconds. This 6 second beep will continue to sound until the **CLEAR/OFF** pad is pressed or you may select the special feature to cancel this 6 second beep from sounding at the end of future cycles.

TO CANCEL THE 6 SECOND BEEP

1. Press and hold the **BAKE** and **BROIL** pads, **at the same time** for 3 seconds, until the display shows **"SF"**.
2. Press the **KITCHEN TIMER** pad. The display will show **"CON BEEP"** (continuous beep).
3. Press the **KITCHEN TIMER** pad again. The display will show **"BEEP"** (beep canceled).
4. Press the **START** pad to cancel the 6 second beep and leave the special feature mode.

If you would like to return the 6 second beep, repeat steps above until the display shows your choice and press the **START** pad.

ATTENTION TONE — This tone will sound if you make an error or an oversight is made while setting an oven function.

Examples would be:

- a. Setting a clean cycle and the oven door is not properly closed.
- b. Setting function and not pressing the **START** pad.
- c. Pressing an additional function pad without first setting a temperature or time.

Any of these can be quickly identified by watching the display.

PREHEAT TONE — When you set an oven temperature, the oven automatically starts to heat. When the temperature inside the oven reaches the temperature you have set, a tone will sound to let you know the oven is ready for baking.

F CODE

If you set an oven function and the control beeps while the display is flashing **"F"** and a number or letter such as **"F.4"** or **"FI,"** there may be a problem with the control or oven. Simply press the **CLEAR/OFF** pad and wait about an hour. Try setting the function again. If the code repeats, write down the flashing code and call for service. Tell the technician what code was flashing.



OPERATION

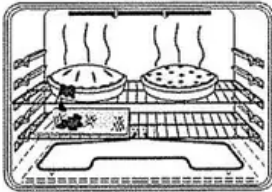
Oven Cooking Tips

STRONG SMELL OR ODOR

It is normal to have some odor when using your oven for the first time. To help eliminate this odor, **ventilate the room by opening a window or using a vent hood.**

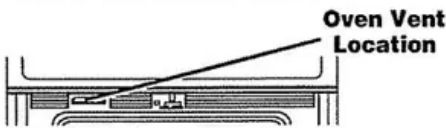
ALUMINUM FOIL

IMPORTANT: Never cover the oven bottom or oven rack with aluminum foil. Improper use can cause poor heat flow, poor baking results, and may damage the oven finish. To prevent staining from spillovers, you may place a piece of aluminum foil or a cookie sheet below foods which may spill over.



OVEN VENT

The oven vent is located under the control panel. This area could become hot during oven use. The vent is important for proper air circulation. **Never block this vent.**



NO PEEKING

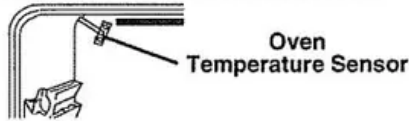
Opening the door often to check foods will cause heat loss and poor baking results.

PREHEATING

Preheating is bringing the oven temperature up to the temperature you will be using during baking. Let the oven preheat thoroughly when recipes call for preheating.

OVEN TEMPERATURE SENSOR

In the back of the oven you will notice a small tube. This is a heat sensor that maintains the temperature of the oven. Never move or bend this tube.



LOW TEMPERATURE ZONE

The low temperature zone of your oven (between 170° and 200°F) is available to keep hot cooked foods warm. However, foods should not be kept at these temperatures longer than 2 hours.

USING DELAY STARTS

When using your convenient Delay Start operation, foods such as dairy products, fish, poultry, etc., should never sit more than 1 hour before cooking. Room temperatures and the heat from the oven light promote bacterial growth.

THE TYPE OF MARGARINE AFFECTS BAKING PERFORMANCE

Most recipes for baking have been developed using high-fat products such as butter or margarine (80% fat by weight—the federal requirement for products labeled "margarine"). You will get poor results if cakes, pies, pastries, cookies or candies are made



OPERATION

Oven Cooking Tips

Margarine (cont.)

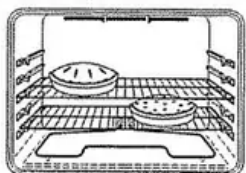
with low-fat spreads. Low-fat spreads contain less fat and more water. The high moisture content of these spreads affects the texture and flavor of favorite baked recipes. The lower the fat content of a spread product, the more noticeable these differences become. To ensure best results, use margarine, butter or stick spreads containing at least 70% vegetable oil.

ELEMENT CYCLING

The Oven Temperature Sensor at the back of the oven continuously senses and controls the temperature inside the oven. To keep a constant set temperature, the elements will cycle or turn on and off during cooking.

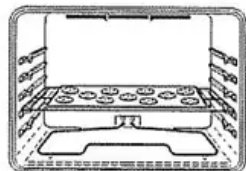
BAKEWARE PLACEMENT

If baking with more than one pan, place the pans so each has at least 1 to 1 1/2" of air space around it. Place pans so one is not directly above the other.



BAKEWARE

FLAT COOKIE SHEETS, without sides, allow air to circulate all around the cookies for even browning.



SHINY PANS reflect heat, and are perfect for cakes and quick breads that need a light brown crust.

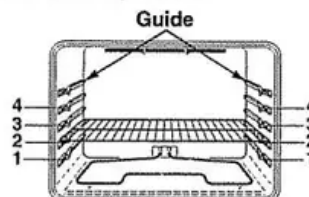
GLASS, DARK NON-STICK OR DARKENED BY AGE BAKEWARE, absorb heat, and can be used for yeast breads, pie crust or foods that need a brown crust. The oven temperature, when using these pans should be reduced by 25°F.

OVEN RACKS

The oven racks are designed with stop locks, a convenience as well as a safety precaution. The guides have a bump to prevent the racks from tilting when racks are pulled out of the oven.



Your oven has four (4) rack positions. The area above the top guide cannot be used for a rack position.



Always place oven racks in the proper position while oven is cool.

OVEN TEMPERATURE ADJUSTMENT





You may feel that your new oven cooks differently than the oven it replaced. We recommend that you use your new oven a few weeks to become more familiar with it, following the times given in your recipes as a guide. See Do It Yourself Temperature Adjustment in the back of this manual to make the adjustment if you feel your oven is too hot or too cool for your cooking preference.



OPERATION










Baking

HOW TO SET BAKE

1. Press the **BAKE** pad.

2. Press the **TEMP UP** and/or **DOWN** arrow pads to set the oven temperature you prefer to use.


3. Press the **START** pad.


HOW TO SET TIMED BAKE

To set the oven to cook for a specific time and turn off automatically.

1. Press the **BAKE** pad.

2. Press the **TEMP UP** and/or **DOWN** arrow pads to set the oven temperature you prefer to use.


3. Press the **OVEN COOKING TIME** pad.

4. Press the **HOUR/ MIN UP** and/or **DOWN** arrow pads to set the amount of time you prefer your foods to cook.




5. Press the **START** pad.


HOW TO SET DELAYED START TIME

To set the oven to turn on at a later time of day, cook for a specific amount of time and turn off automatically.

1. Press the **BAKE** pad.

2. Press the **TEMP UP** and/or **DOWN** arrow pads to set the oven temperature you prefer to use.


3. Press the **OVEN COOKING TIME** pad.

4. Press the **HOUR/ MIN UP** and/or **DOWN** arrow pads to set the amount of time you prefer your foods to cook.




5. Press the **DELAY START TIME** pad.

6. Press the **HOUR/ MIN UP** and/or **DOWN** arrow pads to set the time of day you prefer the oven to turn on.




7. Press the **START** pad.

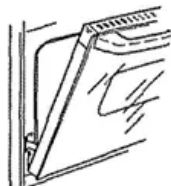

These oven operations may be used when roasting.

The oven will cut off at the end of the cooking time unless the temperature hold feature has been activated.



OPERATION Broiling

Broiling is cooking by direct heat from the upper element. The oven door should remain opened to the broil stop position during broiling.



It is not necessary to preheat the oven when broiling. Use the broiler pan and grid that came with your oven. Both are designed for proper drainage of fat and liquids.



If foil is used it must be molded tightly to the grid and slits cut into the foil to match those of the grid. This allows fats and liquids to drain into the broiler pan, preventing fire and excessive smoke.

Always remove the pan and grid from the oven. Storing or forgetting a soiled broiler pan in the oven is a potential smoke or fire hazard.



The U.S. Department of Agriculture recommends to cook meat and poultry thoroughly—meat to at least 160 degrees F and poultry to at least an INTERNAL 180 degrees F. Cooking to these temperatures usually protects against food-borne illness.

The closer you place foods to the broil element, the faster foods brown on the outside yet remain red to pink in the center.

Moving meats away from the element will allow the meat to cook to the center while browning on the outside. Cook side 1 at least 2 minutes longer than side 2. If your oven is connected to 208 volts, you may want to use a higher rack position and/or broil foods longer.

The size, weight, thickness, starting temperature and your preference of the doneness of the meat will affect broiling. This chart is based on meats at refrigerator temperature.

FOOD	RACK POSITION	TOTAL TIME (MIN.)
Steak 1" thick	3	9-11
Ground beef patties 1" thick	3	16-18
Pork Chops - 1/2" thick	3	27-29
Fish (fillets)	3	11-13
Chicken (pieces)	2	45-55

HOW TO SET BROIL

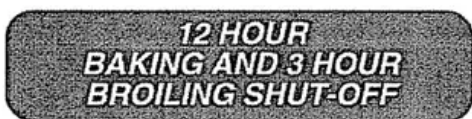
- 1a.** Press the **BROIL** pad. (This will automatically set **Hi Broil**).
- 1b.** While the set indicator is flashing in the display, press the **BROIL** pad again if you prefer to use **Lo Broil**. Use **Lo Broil** to cook foods such as poultry or thick cuts of meat thoroughly without over-browning them.
- 2.** Press the **START** pad.
- 3.** When broiling is finished, press the **CLEAR/OFF** pad.



OPERATION

Setting Special Features

Your new touch pad control has additional features that you may choose to use. After making your selection, if you want to change the setting, follow the steps until the display shows your choice.



The control is automatically set to turn off the oven after 12 hours baking or 3 hours broiling should you forget and leave the oven on. If you want to remove this feature:

1. Press and hold, **at the same time**, the **BAKE** and **BROIL** pads for 3 seconds, until the display shows **SF**.
2. Press the **DELAY START TIME** pad. The display shows **12shdn** (12 hour shut-off).
Press the **DELAY START TIME** pad again. The display will show **no shdn** (no shut-off).
3. Press the **START** pad.



Your oven control is set for the Fahrenheit temperature selections. Most recipes are given using the Fahrenheit scale. You can change this to use the Celsius selection.

1. Press and hold, **at the same time**, the **BAKE** and **BROIL** pads for 3 seconds, until the display shows **SF**.

2. (a) Press the **BROIL** pad. The control display will show the degrees sign and **F**.
(b) Press the **BROIL** pad again. This will change **F** (Fahrenheit) to **C** (Celsius).
3. Press the **START** pad.



Your control is set to use the 12 hour clock. If you prefer to use the 24 hour Military Time clock or black out the display:

1. Press and hold, **at the same time**, the **BAKE** and **BROIL** pads for 3 seconds, until the display shows **SF**.
2. (a) Press the **CLOCK** pad. The display shows **12hr**. If this is your choice press the **START** pad.
or
(b) Press the **CLOCK** pad again. The display will show **24hr**.
Example: 5:00 on the 12 hour clock will show 17:00 hours on the military clock. If this is your choice press the **START** pad.
or
(c) Press the **CLOCK** pad again. The display will show **OFF**. If this is your choice press **START**. The display will not show time. (The Delay Start Time feature will not operate.)



OPERATION

Setting Special Features

CONTROL LOCKOUT

Your control will allow you to lock the touch pads so they cannot be activated when pressed. If you're worried about leaving the oven unsupervised, activate this feature.

1. Press and hold, **at the same time**, the **BAKE** and **BROIL** pads for 3 seconds, until the display shows **SF**.
2. (a) Press the **CLEAN** pad. The display shows **LOC OFF** (lockout off).
(b) Press the **CLEAN** pad **again**. The display will show **LOC ON** (lockout on).
3. Press the **START** pad.

This feature can only be set when the oven is not in use.

When this feature is on, the display will show **LOC**, if a touch pad is pressed. (This feature will not affect the Clock, Timer or Oven light pads.)

COOK AND HOLD

Your new control has a cook and hold feature for timed cooking only that will keep hot cooked foods warm up to 3 hours after the timed cooking is finished. To activate this feature:

1. Press and hold, **at the same time**, the **BAKE** and **BROIL** pads for 3 seconds, until the display shows **SF**.
2. (a) Press the **OVEN COOKING TIME** pad. The display will show **HLd OFF**.

(b) Press the **OVEN COOKING TIME** pad **again** to activate the feature. The display will show **HLd ON**.

3. Press the **START** pad.

CHANGING THE SPEED OF THE UP OR DOWN ARROW PADS

This special feature will allow you to change the speed; #1 means speed of change is slow up to #5 which means speed of change is fast. To set the speed you prefer, follow these steps:

1. Press and hold, **at the same time**, the **BAKE** and **BROIL** pads for 3 seconds, until the display shows **SF**.
2. Press the **UP** arrow pad. The display will show the current set speed.
3. Press the **UP** arrow to increase the speed up to the number 5.
or
Press the **DOWN** arrow pad to decrease the speed down to the number 1.
4. Press the **START** pad.



OPERATION

Setting Special Features

OPTIONS FOR BAKING

- You may set bake in both ovens at the same time.
- You may set a timed bake and traditional bake at the same time.
- You may set timed bake in both ovens at the same time.
- You may set a timed and delay bake at the same time.
- You may set delay bake in both ovens at the same time.
- You may set bake and delayed bake at the same time.
- You may set one to time bake and the other to self-clean.

OPTIONS FOR SELF-CLEANING

- You can set both ovens for self-clean at the same time, but the second oven will automatically delay the start time to begin at the end of the first oven's clean cycle.
- You can set delay start in both ovens at the same time, but the second oven will automatically delay the start time to begin at the end of the first oven's clean cycle.
- You can set one oven to begin its clean cycle now and set delay start in the second oven for a later time.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

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