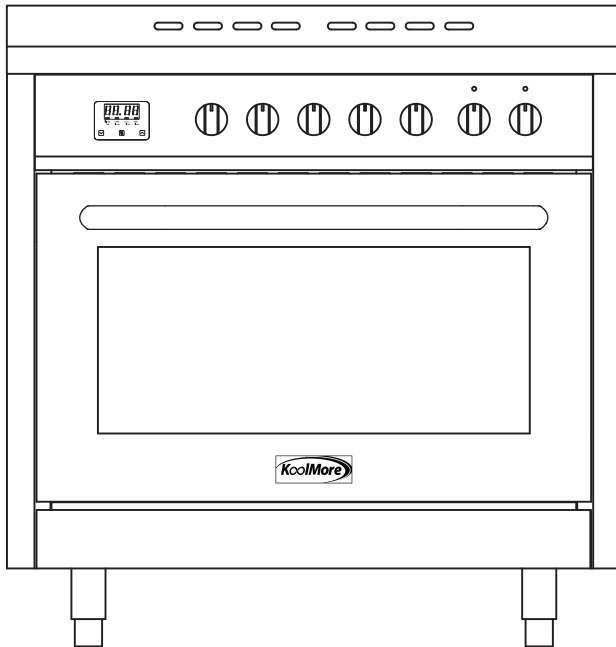




# User Manual

## 36" Free-Standing Gas Range With Legs

Model :KM-FR36GL-SS



**For any service-related Issues, please contact us:**

Phone Number: 718-576-6342

Email address: [support@koolmore.com](mailto:support@koolmore.com)



**IMPORTANT SAFETY INSTRUCTIONS:**

**CAREFULLY READ THE IMPORTANT INFORMATION  
REGARDING INSTALLATION, SAFETY AND MAINTENANCE.  
KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE.**

# WARRANTY

## LIMITED WARRANTY

LIMITED WARRANTY KOOLMORE SUPPLY, INC. warrants to the original consumer or purchaser this KOOLMORE product is free from defects in material or workmanship for a period of One (1) year from the date of purchase. If any such defect is discovered within the warranty period, KOOLMORE SUPPLY, INC., at its discretion, will repair or replace the product at no cost or pay for replacement parts and repair labor to correct defects in materials or workmanship that existed when this major appliance was purchased or that are the result of normal usage when this major appliance is installed, operated and maintained according to instructions attached to or furnished with the product,

At its sole discretion. Koolmore Supply Inc may determine to replace the product. In the event of product replacement, your appliance will be warranted for the remaining term of the original unit's warranty period.

This limited warranty is good only to the original purchaser of the product and effective only when used in the United States.

This limited warranty is effective from the date of original consumer purchase. Proof of original purchase date is required to obtain service under this limited warranty.

YOU'RE SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE PRODUCT REPAIR AS PROVIDED HEREIN. Service must be provided by a Koolmore designated service company.

For warranty or repair service: Email us at [support@koolmore.com](mailto:support@koolmore.com) include your name, address, phone number, warranty repair request, and a copy of your proof of purchase receipt.

You can also visit us at [koolmore.com](http://koolmore.com) and use the contact us page.

KOOLMORE customer service will contact you and arrange prompt service for your appliance.

Thank you for choosing KOOLMORE.

## THIS LIMITED WARRANTY DOES NOT APPLY TO

- 1.Failure of product to perform during power failures and interruptions or inadequate electrical service
- 2.Damage caused by transportation or handling.
- 3.Damage caused to the product by accident, vermin, lightning winds, fire, floods, or acts of God.
- 4.Damage resulting from accident, alteration, misuse, abuse, or improper installation, repair, or maintenance. Improper use includes using an external device that alters or converts the voltage or frequency of electricity
- 5.Any unauthorized product modification, repair by unauthorized repair center, or use of non-approved replacement parts.
- 6.Abnormal cleaning and maintenance as described in the user's manual.
- 7.Use of accessories or components that are not compatible with this product.

The cost of repair or replacement under these excluded circumstances shall be borne by the consumer.

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## RANGE SAFETY

### Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others. All safety messages will follow the safety alert symbol and either the word "DANGER," "WARNING" or "CAUTION."

These words mean:



An imminently hazardous situation. You could be killed or seriously injured if you don't immediately follow instructions.



A potentially hazardous situation which, if not avoided, could result in death or serious bodily injury.



A potentially hazardous situation which, if not avoided, may result in moderate or minor injury.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

# **WARNING**



## **Fire Hazard**

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **WHAT TO DO IF YOU SMELL GAS**
  - Do not try to light any appliance.
  - Do not touch any electrical switch.
  - Do not use any phone in your building.
  - Clear the room, building, or area of all occupants.
  - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
  - If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer , service agency or the gas supplier.

State of California Proposition 65 Warnings:

**WARNING:** This product contains one or more chemicals known to the State of California to cause cancer.

**WARNING:** This product contains one or more chemicals known to the State of California to cause birth defects or other reproductive harm.

In the State of Massachusetts, the following installation instructions apply:

- Installations and repairs must be performed by a qualified or licensed contractor, plumber, or gasfitter qualified or licensed by the State of Massachusetts.
- If using a ball valve, it shall be a T-handle type.
- A flexible gas connector, when used, must not exceed 3 feet.

## THE ANTI-TIP CHAIN

### **WARNING**



#### **Tip Over Hazard**

A child or adult can tip the range and be killed.

Install anti-tip device to range and / or structure per installation instructions.

Engage the range to the anti-tip device installed to the structure

Re-engage the anti-tip device if range is moved.

Failure to follow these instructions can result in death or serious burns to children and adults.

Check to see that the Anti-Tip device is installed properly. Then grasp the top rear edge of the range and carefully attempt to tilt it forward. Verify that the Anti-Tip device is engaged.

# IMPORTANT SAFETY INSTRUCTIONS

**WARNING:** To reduce the risk of fire, electrical shock, injury to persons, or damage when using the range, follow basic precautions, including the following:

- **WARNING:** TO REDUCE THE RISK OF TIPPING OF THE RANGE, THE RANGE MUST BE SECURED BY PROPERLY INSTALLED ANTI-TIP DEVICES. TO CHECK IF THE DEVICES ARE INSTALLED PROPERLY, SLIDE RANGE COMPLETELY FORWARD, LOOK FOR ANTI-TIP BRACKET SECURELY ATTACHED TO THE FLOOR BEHIND THE RANGE AND SLIDE RANGE COMPLETELY BACK UNTIL THE REAR RANGE FOOT IS UNDER ANTI-TIP BRACKET.
- **CAUTION:** Do not store items of interest to children in cabinets above a range or on the back guard of a range – children climbing on the range to reach items could be seriously injured.
- Do Not Leave Children Alone – Children should not be left alone or unattended in area where the range is in use. They should never be allowed to sit or stand on any part of the range.
- Wear Proper Apparel – Loose-fitting or hanging garments should never be worn while using the range.
- User Servicing – Do not repair or replace any part of the range unless specifically recommended in the manual. All other servicing should be referred to a qualified technician.
- Storage in or on the Range – Flammable materials should not be stored in an oven or near surface units.
- Do Not Use Water on Grease Fires – Smother fire or flame or use dry chemical or foam-type extinguisher.
- Use Only Dry Potholders – Moist or damp potholders on hot surfaces may result in burns from steam. Do not let potholder touch hot heating elements. Do not use a towel or other bulky cloth.

## **WARNING**

**NEVER** use this appliance as a space heater to heat or warm the room. Doing so may result in carbon monoxide poisoning and overheating of the oven.

## **WARNING**

**NEVER** cover any slots, holes or passages in the oven bottom or cover an entire rack with materials such as aluminum foil. Doing so blocks airflow through the oven and may cause carbon monoxide poisoning. Aluminum foil linings may also trap heat, causing a fire hazard.

# IMPORTANT SAFETY INSTRUCTIONS

- **DO NOT TOUCH SURFACE UNITS OR AREAS NEAR UNITS** – Surface units may be hot even though they are dark in color. Areas near surface units may become hot enough to cause burns. During and after use, do not touch, or let clothing or other flammable materials contact surface units or areas near units until they have had sufficient time to cool. Among those areas are the cooktop and surfaces facing the cooktop.
- **Never Leave Surface Units Unattended at High Heat Settings** – Boil over causes smoking and greasy spillovers that may ignite.
- **Glazed Cooking Utensils** – Only certain types of glass, glass/ceramic, ceramic, earthenware, or other glazed utensils are suitable for range-top service without breaking due to the sudden change in temperature.
- **Utensil Handles Should Be Turned Inward and Not Extend Over Adjacent Surface Units** – To reduce the risk of burns, ignition of flammable materials, and spillage due to unintentional contact with the utensil, the handle of a utensil should be positioned so that it is turned inward, and does not extend over adjacent surface units.
- **Clean Cooktop With Caution** – If a wet sponge or cloth is used to wipe spills on a hot cooking area, be careful to avoid steam burn. Some cleaners can produce noxious fumes if applied to a hot surface.
- **Use Care When Opening Door** – Let hot air or steam escape before removing or replacing food.
- **Do Not Heat Unopened Food Containers** – Build-up of pressure may cause container to burst and result in injury.
- **Keep Oven Vent Ducts Unobstructed.**
- **Placement of Oven Racks** – Always place oven racks in desired location while oven is cool. If rack must be moved while oven is hot, do not let potholder contact hot heating element in oven.
- **DO NOT TOUCH HEATING ELEMENTS OR INTERIOR SURFACES OF OVEN** – Heating elements may be hot even though they are dark in color. Interior surfaces of an oven become hot enough to cause burns. During and after use, do not touch, or let clothing or other flammable materials contact heating elements or interior surfaces of oven until they have had sufficient time to cool. Other surfaces of the appliance may become hot enough to cause burns – among these surfaces are oven vent openings and surfaces near these openings, oven doors, and windows of oven doors.

# IMPORTANT SAFETY INSTRUCTIONS

- Proper Installation – The range, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70. In Canada, the range must be electrically grounded in accordance with Canadian Electrical Code. Be sure the range is properly installed and grounded by a qualified technician.
- Disconnect the electrical supply before servicing the appliance.
- Injuries may result from the misuse of appliance doors or drawers such as stepping, leaning, or sitting on the doors or drawers.
- Maintenance – Keep range area clear and free from gasoline, and other flammable vapors and liquids.
- Top burner flame size should be adjusted so it does not extend beyond the edge of the cooking utensil.

## For self-cleaning ranges –

- Do Not Clean Door Gasket – The door gasket is essential for a good seal. Care should be taken not to rub, damage, or move the gasket.
- Do Not Use Oven Cleaners – No commercial oven cleaner or oven liner protective coating of any kind should be used in or around any part of the oven.
- Clean Only Parts Listed in Manual.
- The broiler tray and utensils must be removed from the compartment and excessive spillage wiped off before initiating the cleaning cycle.

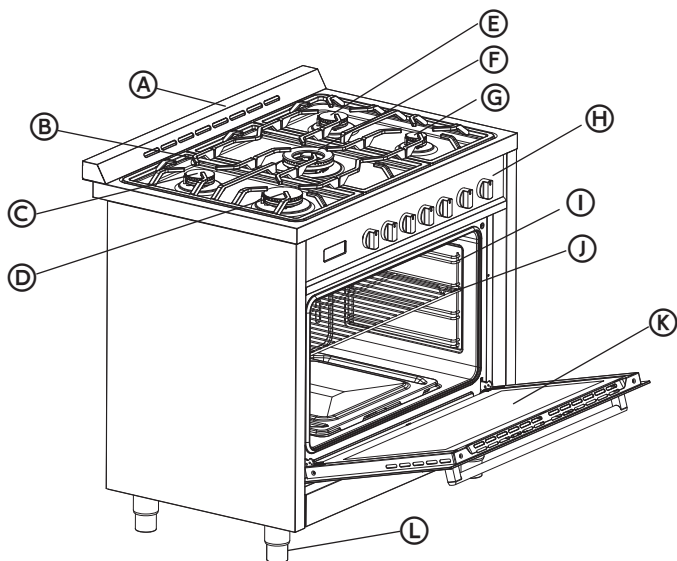
## For units with ventilating hood –

- Clean Ventilating Hoods Frequently – Grease should not be allowed to accumulate on hood or filter.
- When flambe cooking under the vent hood, turn the fan on.

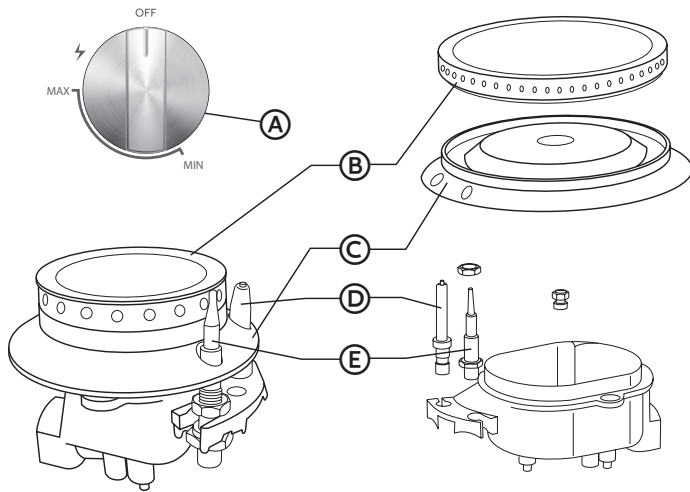
# READ AND SAVE THESE INSTRUCTIONS

## PARTS AND FEATURES

This manual covers several different models. The range you have purchased may have some or all of the items listed. The locations and appearances of the features shown here may not match those of your model.



- |                         |                      |
|-------------------------|----------------------|
| (A) Optional backsplash | (H) Control Burner   |
| (B) Cast iron pan rack  | (I) Wire Shelf       |
| (C) Semi-Rapid          | (J) Shelf positions  |
| (D) Rapid               | (K) Oven Door Window |
| (E) Semi-Rapid          | (L) Levelling Feet   |
| (F) Triplering          |                      |
| (G) Auxiliary           |                      |



**A** Control Knob Off Positio

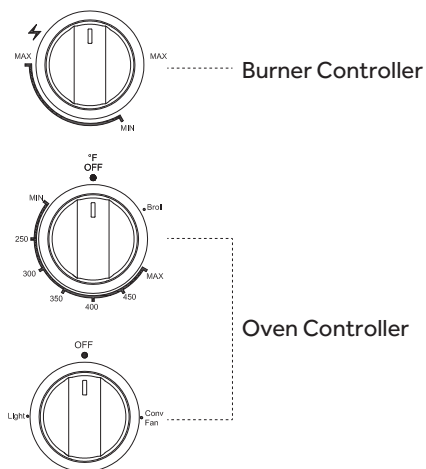
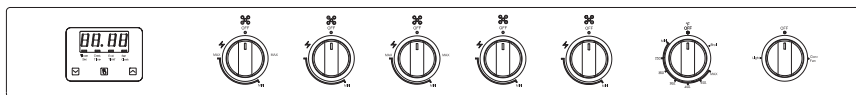
**B** Burner Cap

**C** Burner Head

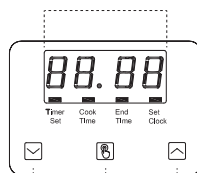
**D** Electrode

**E** Flame Detector (On Some Models)

# CONTROL PANEL



## Clock and Timer



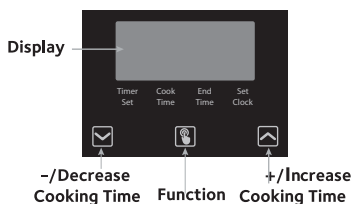
## Function Buttons

## CLOCK AND TIMER

Your model has a digital display, 12-hour clock with three Control buttons.

**IMPORTANT:** In the event of a power failure, all settings including the time display will be lost. When the power is returned, the bar above Timer Set and 12:00 will be displayed.

# TIME OF DAY



## Setting the Clock

- 1) When first connected to AC power or after a power outage, the display will blink "12:00" and the Clock indicator will blink. You can enter the Time Setting mode manually by pressing and releasing the Function button until the Clock indicator blinks.
- 2) To set the correct time, press the ▲ or ▼ button to advance forward or backward until the correct time is displayed. When finished, press the Function button, or wait five seconds; the time will be then set.



**IMPORTANT:** Clock must be set in order for the oven functions to work.

## Setting the Timer

- 1) Enter the Time Setting mode by pressing the Function button once; the Timer indicator will light.
- 2) Set the desired timer time using the ▲ or ▼ button to advance forward or backward until the desired time is displayed. The timer will count down and beep when it is finished.



## WARNING:

- Use caution with the timed cooking. Use only when cooking cured or frozen meats or most fruits and vegetables. Timer function should be used with caution when cooking foods that can easily spoil, such as milk, eggs, fish, meat or poultry. Eating spoiled food can result in sickness from food poisoning.

# Oven Cooking

## Oven Timed Cooking - Delayed Start Timing

To start cooking time, set the TIMER to desired amount of time BEFORE setting oven function and temperature.

- 1) Press and release the Function button until the Start indicator blinks.
- 2) Set the amount of time desired by pressing the ▲ or ▼ button until the chosen timing is displayed, for a maximum of 10 hours.
- 3) Set the Temperature and Cooking knobs as desired (see pages 26 to 28 for descriptions and operation) and place the food in the oven.



**Note:** Oven will not operate until the programmed Start Time is reached. To operate oven before the Start Time, the Delay Start function must be cancelled.

## Programing the End Timing

To end cooking time, set the TIMER to desired shut off time:

- 1) Press the Function button again until the End indicator blinks.
- 2) Set the end timing by pressing the ▲ or ▼ button until the desired amount of time is displayed, for a maximum of 11 hours 59 minutes. Press the Function button again to set.
- 3) When the end of timed cooking is reached, the unit will beep. Rotate the Temperature and Cooking knobs to their OFF positions, and then press the Function button to turn off the beeping.




## COOKTOP USE

Read the instructions before installing or using this appliance.

1. This appliance shall be installed in accordance with the regulations in force and only used in a well-ventilated space.
2. The use of a gas-cooking appliance results in the production of heat and moisture in the room in which it is installed. Ensure that the kitchen is well ventilated: keep natural ventilation holes open or install a mechanical ventilation device (mechanical extractor hood).
3. Prolonged intensive use of the appliance may call for additional ventilation, for example opening of a window, or more effective ventilation, for example increasing the level of mechanical ventilation where present.

## IGNITION AND OPERATION OF THE BURNERS

In order to ignite a burner, push down on the knob while rotating it counterclockwise, until the knob indicator is aligned with the ignite icon .

For models with a safety valve - Once the flame is lit, hold the knob depressed for about 3-4 seconds until the device keeps the burner automatically lit. If the burner fails to ignite, wait one minute for the gas to dissipate before attempting to reignite. Adjust the flame intensity by rotating the knob counterclockwise from MAX (maximum) to MIN (minimum).

To turn off the burner, rotate the knob clockwise until the indicator on the knob is aligned with OFF.

## POWER FAILURE

In case of prolonged power failure, the surface burners can be lit manually. Hold a lit match near a burner and turn knob counterclockwise until the indicator is aligned with MAX. After the burner is lit, turn knob to desired setting.

In the case of unintentional flame extinguishing, the safety valve intervenes by shutting off the gas to the burners.

The electric igniter must not be actuated for longer than 15 seconds. Should the burner not light, or should the burner be unintentionally turned off, immediately close the burner, and wait at least 1 minute before repeating. Once ignited, adjust the flame as desired.

For lower gas consumption and a better result, use saucepans with a diameter matching the diameter of the burner, to avoid the flame coming up around the sides of the saucepan. See the Container Table. Use only flat-bottomed pans.

As soon as liquid starts to boil, turn the flame down to a level sufficient to maintain boiling.

# COOKWARE

## MATCH PAN DIAMETER TO FLAME SIZE

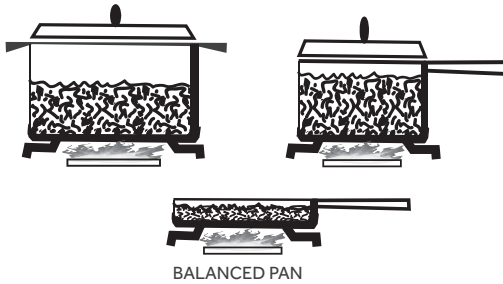
The flame should be the same size as the bottom of the pan or smaller. Do not use small pans with high flame settings as the flames can lick up the sides of the pan. Oversize pans that span two burners are placed front to rear, not side to side.

## USE BALANCED PANS

Pans must sit level on the cooktop grate without rocking. Center the pan over the burner.

## USE A LID THAT FITS PROPERLY

A well-fitting lid helps shorten the cooking time. Flat, heavy bottom pans provide even heat and stability.



## CONTAINER TABLE

Burner	Min Saucepan	Max Saucepan
Auxiliary	3.5" (9.0 cm)	6.3" (16 cm)
Semi-rapid	5.1" (13 cm)	7.1" (18 cm)
Rapid	5.9" (15 cm)	10.2" (26 cm)
Triple ring	8.3" (21 cm)	10.2" (26 cm)

## OVEN USE

### COOKING WITH THE GAS OVEN

#### BAKING AND ROASTING

This oven features a gas burner located under the oven cavity which provides evenly distributed heat from the bottom of the oven. The heat rises naturally to bake food evenly.

The heated air circulating naturally, cooks meats to a flavorful, crispiness outside while keeping the inside tender and juicy.

#### BROILING

This oven features a gas burner located at the top of the oven cavity which provides evenly distributed heat from the top of the oven.

The broil burner will remain on until the Oven Control knob is turned to the off position.

#### TEMPERATURE CONTROL

The Temperature knob is used to select either the Bake or Broil Oven Mode.

#### BAKE

- Push in on the Temperature knob, and then turn the knob counterclockwise to automatically ignite the bake burner. Continue turning the knob to select the required cooking temperature, between MIN (150°F) and MAX.

#### Oven Control Display

- Illuminates when the oven is preheating.
- Turns off when the selected cooking temperature has been reached.

#### BROIL

- Push in on the Temperature control knob, and then turn the knob clockwise to automatically ignite the broil burner.

**NOTE:** The broil burner will remain on until the Temperature control is returned to the OFF position.

## FEATURES CONTROL

### Light

The oven cavity light turns ON automatically, when the Bake or Broil function is selected, and remains on during operation.

### Conv (Convection) Fan

During convection cooking, the fan provides hot air circulation throughout the oven. The movement of heated air around the food can help to speed up cooking by penetrating the cooler outer surfaces. Food cooks more evenly, browning and crisping outer surfaces while sealing moisture inside.

## OVEN TIPS AND TECHNIQUES

Baking is cooking with heated air. The lower bake burner is on which heats the air in the oven cavity, baking the food with naturally circulating hot air currents.

Follow the recipe or convenience food directions for baking temperature, time and rack position. Baking time will vary with the temperature of ingredients and the size, shape and finish of the baking utensil.

### General Guidelines

- For best results, bake food on a single rack with at least 1" - 1 ½" (2,5 - 3 cm) space between utensils and oven walls.
- Use one rack when selecting the bake mode.
- Check for doneness at the minimum time.
- Use metal bake ware (with or without a non stick finish), heat proof glass, glass-ceramic, pottery or other utensils suitable for the oven.
- When using heatproof glass, reduce temperature by 25°F (15°C) from recommended temperature.
- Use baking sheets with or without sides or jelly roll pans.
- Dark metal pans or nonstick coatings will cook faster with more browning. Insulated bake ware will slightly lengthen the cooking time for most foods.
- Do not use aluminum foil or disposable aluminum trays to line any part of the oven. Foil is an excellent heat insulator and heat will be trapped beneath it. This will alter the cooking performance and can damage the finish of the oven.
- Avoid using the opened door as a shelf to place pans.
- See Troubleshooting for tips to Solving Baking and Roasting Problems.

## BAKE CHART

FOOD ITEM	RACK POSITION	TEMP. °F (°C) (PREHEATED OVEN)	TIME (MIN)
<b>Cake</b>			
Cupcakes	2	350 (175)	19-22
Bundt Cake	1	350 (175)	40-45
Angel Food	1	350 (175)	35-39
<b>Pie</b>			
2 crust, fresh, 9"	2	400 (205)	45-50
<b>Cookies</b>			
Sugar	2	350 (175)	8-10
Chocolate Chip	2	350 (175)	8-13
Brownies	2	350 (175)	29-36
<b>Breads</b>			
Yeast rolls	2	400 (205)	12-15
Biscuits	2	400 (205)	7-9
<b>Pizza</b>			
Frozen	2	400-450 (205-235)	23-26
Fresh	2	475 (246)	15-18

- See Troubleshooting for tips to Solving Baking and Roasting Problems.

## ROAST CHART

Roast should typically be 20 minutes per pound at 350°F (175°C).

MEATS	WEIGHT (lb)	OVEN TEMP. °F (°C)	RACK POSITION	TIME (min. per lb)	INTERNAL TEMP. °F (°C)
<b>Beef</b>					
Rib Roast	4-6	350 (175)	2	16-20 18-22	145 (63) medium rare 160 (71) medium
Rib Eye Roast, (boneless)	4-6	350 (175)	2	16-20 18-22	145 (63) medium rare 160 (71) medium
Rump, Eye, Tip, Sirloin (boneless)	3-6	350 (175)	2	16-20 18-22	145 (63) medium rare 160 (71) medium
Tenderloin Roast	2-3	400 (205)	2	15-20	145 (63) medium rare

MEATS	WEIGHT (lb)	OVEN TEMP. °F (°C)	RACK POSITION	TIME (min. per lb)	INTERNAL TEMP. °F (°C)
<b>Pork</b>					
Loin Roast (boneless or bone-in)	5-8	350 (175)	2	16-20	160 (71) medium
Shoulder	3-6	350 (175)	2	20-25	160 (71) medium
<b>Poultry</b>					
Chicken whole	3-4	400 (205)	2	18-21	180 (82)
Turkey, not stuffed	12-15	350 (175)	1	10-14	180 (82)
Turkey, not stuffed	16-20	350 (175)	1	9-11	180 (82)
Turkey, not stuffed	21-25	350 (175)	1	6-10	180 (82)
Turkey Breast	3-8	350 (175)	1	15-20	170 (77)
Cornish Hen	1-1 ½	350 (175)	2	45-75 total	180 (82)
<b>Lamb</b>					
Half Leg	3-4	350 (175)	2	22-27	160 (71) medium
Whole Leg	6-8	350 (175)	1	28-33	170 (77) well
				22-27	160 (71) medium
				28-33	170 (77) well

## WARNING

**NEVER** cover any slots, holes or passages in the oven bottom or cover an entire rack with materials such as aluminum foil. Doing so blocks airflow through the oven and may cause carbon monoxide poisoning. Aluminum foil linings may also trap heat, causing a fire hazard.

**Reset all controls to the OFF position after using a programmable timing operation.**

**No attempt should be made to operate the appliance during power failure.**

**An air curtain or other overhead range hood, which operates by blowing a downward airflow onto a range shall not be used in conjunction with a gas range.**

## RANGE CARE

### CLEANING

**IMPORTANT:** Before cleaning, make sure all controls are off and the oven and cooktop are cool. Always follow label instructions on cleaning products. Soap, water and a soft cloth or sponge are suggested first unless otherwise noted. Do not use abrasive cleaning products.

**Warning: Not obstructing the flow of combustion and ventilation air.**

#### EXTERIOR PORCELAIN ENAMEL SURFACES

Food spills containing acids, such as vinegar and tomato, should be cleaned as soon as the entire appliance is cool. These spills may affect the finish.

##### Cleaning Method:

Glass cleaner, mild liquid cleaner or nonabrasive scrubbing pad: Gently clean around the model and serial number plate because scrubbing may remove numbers.

#### EXTERIOR STAINLESS STEEL

**NOTE:** Do not use soap-filled scouring pads, abrasive cleaners, Cooktop Polishing Cream, steel-wool pads, gritty washcloths or some paper towels. Damage may occur, even with one-time or limited use.

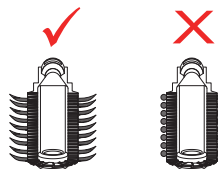
Rub in direction of grain to avoid damaging.

##### Cleaning Methods:

Liquid detergent or all-purpose cleaner: Rinse well with clean water and dry with soft, lint-free cloth.

Stainless Steel Cleaner and Polish

Vinegar for hard water spots



#### OVEN DOOR EXTERIOR

##### Cleaning Method:

Glass cleaner and paper towels or nonabrasive plastic scrubbing pad: Apply glass cleaner to soft cloth or sponge, not directly on panel.

#### PORCELAIN-COATED GRATES AND CAPS

- Clean as soon as cooktop, grates and caps are cool.
- Food spills containing acids, such as vinegar and tomato, should be cleaned as soon as the cooktop grates and caps are cool. These spills may affect the finish.
- To avoid chipping, do not bang grates and caps against each other or hard surfaces such as cast iron cookware.
- Do not reassemble caps on burners while wet.

##### Cleaning Method:

Nonabrasive plastic scrubbing pad and mildly abrasive cleanser.

## BURNER SPREADER

Wash the burner spreader frequently with boiling water and detergent to remove any deposits which could block the flame outlet.

Before reinstalling, dry the burner spreader thoroughly so the burner will ignite properly.

## COOKTOP CONTROL KNOBS

- Pull knobs straight away from control panel to remove.
- When replacing knobs, make sure knobs are in the Off position

### Cleaning Method:

Soap and water or dishwasher:

**NOTE:** Do not use steel wool, abrasive cleansers or oven cleaner. Do not soak knobs.

## CONTROL PANEL

### Cleaning Method:

Glass cleaner and soft cloth or sponge: Apply glass cleaner to soft cloth or sponge, not directly on panel.

**NOTE:** Do not use abrasive cleaners, steel-wool pads, gritty washcloths or some paper towels. Damage may occur.

## OVEN CAVITY

Food spills should be cleaned when oven cools. At high temperatures, foods react with porcelain, so staining, etching, pitting or faint white spots can result.

### Cleaning Method:

Mild detergent and warm water.

**NOTE:** Do not use oven cleaners.

## OVEN RACKS AND ROASTING RACKS

### Cleaning Method:

Steel-wool pad

## BROILER PAN

### Cleaning Method:

Mildly abrasive cleanser: Scrub with wet scouring pad.

Solution of ½ cup (125 mL) ammonia to 1 gal. (3.75 L) water: Soak for 20 minutes, and then scrub with scouring or steel-wool pad.

Oven cleaner: Follow product label instructions. Porcelain enamel only, not chrome Dishwasher

## TROUBLESHOOTING

First try the solutions suggested here to possibly avoid the cost of a service call.

### BAKING AND ROASTING PROBLEMS

With any oven setting poor results can occur for many reasons other than a malfunction of the oven. Check the chart below for causes of the most common problems. Since the size, shape and material of baking utensils directly affect the baking results, the best solution may be to replace old baking utensils that have darkened and warped with age and use.

Baking Problem	Cause
Food browns unevenly	<ul style="list-style-type: none"><li>• Oven not preheated</li><li>• Aluminum foil on oven rack or oven bottom</li><li>• Baking utensil too large for recipe</li><li>• Pans touching each other or oven walls</li></ul>
Food too brown on bottom	<ul style="list-style-type: none"><li>• Oven not preheated</li><li>• Using glass, dull or darkened metal pans</li><li>• Incorrect rack position</li><li>• Pans touching each other or oven walls</li></ul>
Food is dry or has shrunk excessively	<ul style="list-style-type: none"><li>• Oven temperature too high</li><li>• Baking time too long</li><li>• Oven door opened frequently</li><li>• Pan size too large</li></ul>
Food is baking or roasting too slowly	<ul style="list-style-type: none"><li>• Oven temperature too low</li><li>• Oven not preheated</li><li>• Oven door opened frequently</li><li>• Tightly sealed with aluminum foil</li><li>• Pan size too small</li></ul>
Pie crusts do not brown on bottom or crust is soggy	<ul style="list-style-type: none"><li>• Baking time not long enough</li><li>• Using shiny steel pans</li><li>• Incorrect rack position</li><li>• Oven temperature is too low</li></ul>
Cakes pale, flat and may not be done inside	<ul style="list-style-type: none"><li>• Oven temperature too low</li><li>• Incorrect baking time</li><li>• Cake tested too soon</li><li>• Oven door opened too often</li><li>• Pan size may be too large</li></ul>

Cakes high in middle with crack on top	<ul style="list-style-type: none"> <li>• Oven temperature too high</li> <li>• Baking time too long</li> <li>• Pans touching each other or oven walls</li> <li>• Incorrect rack position</li> <li>• Pan size too small</li> </ul>
Pie crust edges too brown	<ul style="list-style-type: none"> <li>• Oven temperature too high</li> <li>• Edges of crust too thin</li> </ul>

## COOKTOP

PROBLEM	POSSIBLE CAUSE	SOLUTION
<b>Burner will not ignite</b>	There is no power to the cooktop	Plug into a grounded 3 prong outlet. Replace fuse or reset circuit breaker.
<b>Burner will not operate</b>	First time use. Air still in the gas line.	Turn on any one of the surface burner knobs to release air from the gas lines.
	Control knob is not set correctly.	Push in knob before turning to a setting.
	The burner port is clogged.	Clean burner port opening using a stiff, nylon toothbrush or a straightened paper clip.
<b>Burner Flames are uneven, yellow and/or noisy</b>	Burner port(s) are clogged.	Clean burner port opening using a stiff, nylon toothbrush or a straightened paper clip.
	Burner caps are not positioned properly.	Place burner caps so that the alignment pins are properly aligned with the slots.
	Propane gas is being used.	The range should be converted to LP gas by a qualified technician
<b>Burner flame is too high or too low</b>	Cooktop gas supply is not correct.	Ensure the range is set for the correct gas type. It is factory set for natural gas. If connected to LP gas the burners should be converted to LP gas with the orifice/injec or kit supplied and the pressure regulator converted to the LP gas setting by a qualified technician.
	The gas pressure is not correct.	Make sure the pressure regulator is installed correctly and the gas line pressure is correct. See Installation Instructions.
<b>Burner makes popping noises</b>	The burner is wet.	Allow the burner to dry before using.
	The burner cap and/or gas spreader is not positioned correctly.	Place burner caps so that the alignment pins are properly aligned with the slots.
<b>Excessive heat around cookware on cooktop</b>	The cookware is not the proper size for the burner.	Use cookware with a bottom surface approximately the same size as the cooking area and burner. Cookware should not extend more than 1" (2.5 cm) outside the cooking area. Adjust the flame so that it does not come up around the cookware.

<b>Cooking results are not what expected</b>	Using incorrect cookware	See the "Cookware" section.
	The control knob is not set to the proper heat level.	See the "Controls" section.

## OVEN

<b>PROBLEM</b>	<b>POSSIBLE CAUSE</b>	<b>SOLUTION</b>
<b>Oven is not heating</b>	No power to the oven	Reset the circuit breaker or replace the fuse in the electrical box to your oven.
	Oven control not turned on	Make sure the oven temperature has been selected.
<b>Oven is not cooking evenly</b>	Not using the correct bake ware or oven rack position	Refer to cook charts for recommended rack position. Always reduce recipe temperature by 25 °F (15 °C) when baking with Convection Bake mode.
<b>Oven display stays Off.</b>	Power interruption	Turn off power at the main power supply (fuse or breaker box). Turn breaker back on. If condition persists, call for service.
<b>Cooling fan continues to run after oven is turned off</b>	The electronic components have not yet cooled sufficiently	The fan will turn off automatically when the electronic components have cooled sufficiently.
<b>Oven light is not working properly</b>	Light bulb loose or burned-out.	Reinsert or replace the light bulb. Touching the bulb with fingers may cause the bulb to burn out.
<b>Oven light stays on</b>	Door is not closing completely	Check for obstruction in oven door. Check to see if hinge is bent or door switch broken.
<b>Cannot remove lens cover</b>	Soil build-up around the lens cover.	Wipe lens cover area with a clean, dry towel prior to attempting to remove the lens cover.
<b>Clock and timer are not working properly</b>	No power to the oven	Reset the circuit breaker or replace the fuse in the electrical box to your oven.
<b>Excessive Moisture</b>		When using bake mode, preheat the oven first. Convection Bake and Convection Roast will eliminate any moisture in the oven.
<b>Porcelain Chips</b>	Porcelain interior is bumped by oven racks	When removing and replacing oven racks, always tilt racks upward and do not force them to avoid chipping the porcelain.