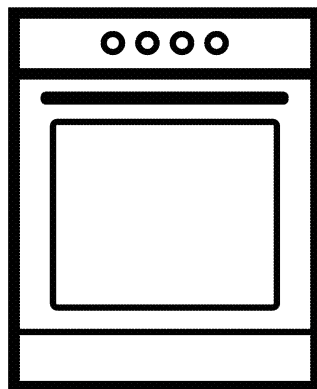


# Electric Range

User manual



## **IMPORTANT**

**Installer** should leave these instructions with appliance.

**Consumer** should read these instructions before using the appliance and should retain them for future reference.

BERU30420CSS

BERU30420SS





# IMPORTANT SAFETY INSTRUCTIONS

## READ AND SAVE THESE INSTRUCTIONS



**WARNING:** Read all safety instructions before using the product. If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

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



## WARNING:

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

Install the anti-tip device packed with range to the structure floor."

"Engage the range to the anti-tip device by sliding range so that rear foot of the range slides in to the bracket as shown in figures."

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

See installation instructions.

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

Do not operate the range without anti-tip device in place and engaged.



## WARNING:

- **DO NOT OPERATE THE RANGE WITHOUT ANTI-TIP DEVICE IN PLACE AND ENGAGED**

"After installation cautiously grip the rear of the range to ensure the anti-tip bracket is engaging the rear foot of range."

Check for proper installation and use of the anti-tip bracket. Carefully tip the range forward pulling from the back to ensure that the anti-tip bracket engages the range leg and prevents tip-over. Range should not move more than 1" (25 mm).




## IMPORTANT:

This appliance is intended for normal household use only. It is not approved for outdoor or other non-household uses (including sea or air-going vessels). See the Statement of Limited Warranty. If you have any questions, contact the manufacturer.

Do not repair or replace any part of the appliance unless specifically recommended in this manual. Refer all servicing to a factory authorized service center.

## Explanation of symbols

Throughout this User Manual the following symbols are used:

 Important information or useful hints about usage.

 Warning for hazardous situations with regard to life and property.

 Warning for electric shock.

 Warning for risk of fire.

 Warning for hot surfaces.

**DANGER** indicates a hazardous situation which, if not avoided, will result in death or serious injury.

**WARNING** indicates a hazardous situation which, if not avoided, could result in death or serious injury.

**CAUTION** indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

**NOTICE** is used to address practices not related to physical injury.



**⚠ Please read these instructions before installation  
or using your appliance!**

**Dear Customer,**

We would like you to obtain best performance with your product that has been manufactured in modern facilities and passed through strict quality control procedures.

Therefore, we advise you to read through this user manual carefully before using your product and keep it for future reference. If you hand over the product to someone else, deliver the user manual as well.

The user manual will help you use the product in a fast and safe way.

	<b>IMPORTANT:</b> Save these instructions for the local electrical inspectors use.
	<b>IMPORTANT:</b> This product can only be used in the rooms which incorporates a properly adjusted and functioning Carbon Monoxide sensor. Make sure the Carbon Monoxide sensor works properly and its maintenance done frequently. Carbon Monoxide sensor should be installed maximum 6.5 feet away from the product.

**The instructions will help you to operate the appliance quickly and safely.**

- Upon delivery, please check that the appliance is not damaged. If you note any transport damage, please contact your point of sale immediately and do not connect and operate the appliance!
- Before you connect and start using the appliance, please read this manual and all enclosed documents. Please note in particular the safety instructions.
- Keep all documents so that you can refer to the information again later on.  
Please keep your receipt for any repairs which may be required under warranty.
- When you pass on the appliance to another person, please provide all documents including original date of purchasing. Warranty is not valid if the product is sold second hand.
- If you should decide not to use this appliance any longer (or decide to substitute an older model), before disposing of it, it is recommended that it be made inoperative in an appropriate manner in accordance to health and environmental protection regulations, ensuring in particular that all potentially hazardous parts be made harmless, especially in relation to children who could play with old appliances. Remove the door and the storage drawer before disposal to prevent entrapment.

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## **1 Safety Instructions - Read before use**

### **Basic safety instructions**

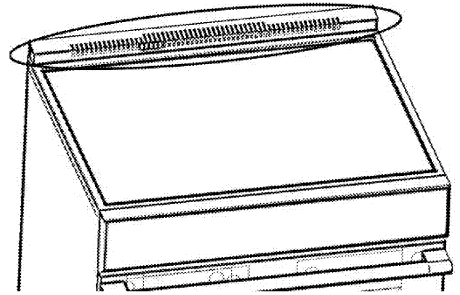
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Be sure your range is installed and grounded properly by a qualified installer or service technician.
- If the supply cord damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent or similarly qualified persons.
-  **WARNING:** Never use your appliance for warming or heating the room.
- Do not repair or replace any part of the appliance unless specifically recommended in the manual. All other servicing should be referred to a qualified technician.
-  **CAUTION:** Use proper pan size - this appliance is equipped with one or more surface units of different size. Select utensils having flat bottoms large enough to cover the surface unit heating element. The use of undersized utensils will expose a portion of the heating element to direct contact and may result in ignition of clothing. Proper relationship of utensil to heating element will also improve efficiency.
-  **WARNING:** Never leave surface units unattended at high heat settings. Boil over causes smoking and greasy spill overs that may ignite.
-  **CAUTION:** Do not use aluminum foil to line drip pans or anywhere in the oven, except as described in this manual. Foil can trap heat or melt, resulting in damage to the product and a shock or fire hazard.
-  **WARNING:** 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.

-  **WARNING:** 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.
- The appliance is not intended to be operated by means of an external timer or separate remote-control system.
-  **WARNING:** Accessible parts may become hot during use. Young children should be kept away.
-  **CAUTION:** Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.
-  **WARNING:** This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
-  **WARNING:** The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements. Children less than 8 years of age shall be kept away unless continuously supervised.
-  **WARNING:** Appliance must be placed directly on the floor. It must not be placed onto a base or a pedestal.
-  **WARNING:** Rear surface of the oven gets hot when it is in use. Make sure that the electrical connection does not contact the rear surface; otherwise, connections can get damaged.
-  **WARNING:** Only use the connection cable specified in the “Technical specifications”. If the supply cord damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent or similarly qualified persons in order to avoid a hazard.
-  **WARNING:** During self-cleaning, surfaces may become




hotter than with standard use.  
Keep children away.









- **⚠ WARNING:** Metallic objects such as knives, forks, spoons and lids should not be placed on the hob surface since they can get hot.
- **⚠ CAUTION:** Only use the temperature probe recommended for this oven.
- **⚠ CAUTION:** Use care when opening door- let hot air or steam escape before removing or replacing food.
- **⚠ CAUTION:** 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.
- **⚠ CAUTION:** 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 clothes.
- Your body accidentally can turn the knobs, please make sure that your body do not touch to knobs not for use.
- **⚠ WARNING:** Never cover the top of grates with any kind of








cover. Use only cooking utensils with recommended diameters. Make sure ventilation and oven fume outlets shown below are not closed. Otherwise fire hazard can occur.




- Do not heat closed food containers and glass jars. Pressure that may build-up in the jar can cause it to burst.
- **⚠ WARNING:** Food Poisoning Hazard: Do not let food sit in oven for more than 1 hour before or after cooking. Doing so can result in food poisoning or sickness.
- **⚠ WARNING:** To avoid permanent damage to the oven bottom finish do not line the oven bottom with any type of foil or liner.
- **⚠ WARNING:** Do not cook on broken cook-top - if cook-top should break, cleaning solutions and spillovers may penetrate the broken cook-top and create a risk of electric shock. Contact a qualified technician immediately.

-  **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. 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.
- Ensure that no flammable materials are adjacent to the appliance as the sides become hot during use.
-  **CAUTION:** Do not store or use flammable materials in an oven or near the cook top, including paper, plastic, pot holders, linens, wall coverings, curtains, drapes and gasoline or other flammable vapors and liquids.
-  **WARNING:** "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, interior surfaces of the oven cavity, oven doors, and window."
- Never use when judgment or coordination is impaired by the use of alcohol and/or drugs.
- Do not operate the appliance if it is defective or shows any visible damage.
- Do not carry out any repairs or modifications on the appliance. However, you may remedy some malfunctions; see Troubleshooting.
- Be careful when using alcoholic drinks in your dishes. Alcohol evaporates in high temperatures and may cause fire since it will catch fire when it gets in contact with hot surfaces.
- Do not heat unopened food containers. Pressure could build up and the container could burst, causing an injury.

- Do not use the oven for a storage area. Items stored in an oven can ignite.
-  **WARNING:** Storage in or on Appliance- Flammable materials should not be stored in an oven or near surface units.
-  **WARNING:** Keep appliance area clear and free from combustible materials, gasoline, and other flammable vapors.
-  **WARNING:** Do not use water on grease fires. Never pick up a flaming pan. Turn the controls off. Smother a flaming pan on a surface unit by covering the pan completely with a well-fitting lid or a fire blanket, cookie sheet or flat tray. Use a multi-purpose dry chemical or foam-type fire extinguisher.  
If there is a fire in the oven during baking, smother the fire by closing the oven door and turning the oven off or by using a multi-purpose dry chemical or foam-type fire extinguisher.
-  **WARNING:** Keep the oven free from grease buildup. Grease in the oven may ignite.
-  **WARNING:** Do not use the oven to dry newspapers. If overheated, they can catch on fire.
-  **WARNING:** Do not leave paper products, cooking utensils or food in the oven when not in use.
- Do not leave empty pots or pans on plates that are switched on. They might get damaged.
- Since it may be hot, do not leave plastic or aluminum dishes on the surface of appliance. These kind of dishes should not be used to keep food either.
- Do not place baking trays, dishes or aluminum foil directly onto the bottom of the oven. The heat accumulation might damage the bottom of the oven.
-  **WARNING:** After broiling, always take any broiler pan out of the oven and clean it. Leftover grease in a broiler pan can catch fire next time you use the pan.
- Check that all controls on the appliance are switched off after use.
-  **WARNING:** Keep all ventilation slots clear of obstructions.
- Only authorized replacement parts may be used in performing service on the range. Replacement parts are available from factory authorized parts distributors. Contact the nearest parts distributor in your area.

- Rear surface of the oven gets hot when it is in use. Electric connection should not touch the rear surface, otherwise the main cable may get damaged. Do not trap the main cable between the hot oven door and frame. Do not route the main cable over the hot cooking section. Otherwise, cable insulation may melt and cause fire as a result of short circuit.
-  **WARNING:** Use this appliance for its intended purpose as described in this owner's manual.
- The manufacturer declines all liability for injury to persons or damage to property caused by incorrect or improper use of the appliance.
-  **CAUTION:** Always use heat-resistant gloves when putting or removing the dishes into/from your oven.
-  **CAUTION:** Always use Only Dry Potholders or heat-resistant gloves when putting or removing the dishes into/from your oven. Do not let potholder touch hot heating elements.
-  **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.
- Do not use the oven with front door glass removed or broken.
-  **WARNING:** Heating element 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 (identification of surfaces – for example, oven vent openings and surfaces near these openings, oven door, and windows of oven doors).
-  **WARNING:** Avoid scratching or impacting glass doors, cook tops or control panels. Doing so may lead to glass breakage. Do not cook on a product with broken glass. Shock, fire or cuts may occur.
-  **WARNING:** Rear surface of the oven gets hot when it is in


use. Electric connection should not touch the rear surface, otherwise the mains cable may get damaged. Do not trap the mains cable between the hot oven door and frame. Do not route the mains cable over the hot cooking section. Otherwise, cable insulation may melt and cause fire as a result of short circuit.

- Check all controls on the appliance are switched off after use..
-  **IMPORTANT:** Call the authorized service for installation of the appliance to be used. After this procedure, guarantee period will be started.

### **Safety for children**

- **WARNING:** Stepping, leaning or sitting on the door or drawers of this range can result in serious injuries and also cause damage to the range. Do not allow children to climb or play around the range. The weight of a child on an open door may cause the range to tip, resulting in serious burns or other injury.
- Accessible parts may be hot when the broil is in use. Young children should be kept away.
- 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 until they have had sufficient time to cool. Among these areas are (identification of areas) for example, the cook-top and surfaces facing the cook-top.

-  **WARNING:** Do not store items of interest to children in the cabinets above the range or on back guard of a range. Children climbing on the range to reach items could be seriously injured.
- The packaging materials will be dangerous for children. Keep the packaging materials away from children. Please dispose of all parts of the packaging according to environmental standards.


### **Safety when working with electricity**


-  **WARNING:** Before installing, turn power OFF at the service panel. Lock service panel to prevent power from being turned ON accidentally.
-  **WARNING:** Personal injury or death from electrical shock may occur if the range is not installed by a qualified installer or electrician.
- Any additions, changes or conversions required in order for

this appliance to satisfactorily meet the application needs must be made by a qualified technician.

- Before performing any service, unplug the range or disconnect the power supply at the household distribution panel by removing the fuse or switching off the circuit breaker.
- Ensure that the fuse rating is correct.
- Do not operate the appliance barefooted.
- Never touch the appliance with wet hands or feet.


### Intended use

-  **WARNING:** Use this appliance only for its intended use as described in this manual. NEVER use this appliance as a space heater to heat or warm a room. Doing so may result in carbon monoxide poisoning and overheating the appliance. Never use the appliance for storage.
- This appliance should not be used for warming the plates under the broil, hanging towels and dish cloths on the handles, for drying and the space heating purposes.
- All openings in the wall behind the appliance and in the floor under the appliance shall be sealed.

- This appliance is not intended to use at mobile homes, recreational vehicles.
-  **WARNING:** Do not obstruct the flow of ventilation air.
- The manufacturer shall not be held liable for any damage caused by improper use or handling errors.
- The appliance can be used for defrosting, baking, roasting and broiling food.

### Disposal

#### Packaging material

	<b>DANGER:</b> Risk of suffocation by the packaging materials! Packing elements (i.e. plastic bags, polystyrene foam, nails, packing straps, etc.) should not be left around within easy reach of children, as these may cause serious injuries.
---	--

The packaging material and transport locks are made from materials that are not harmful to the environment. Please dispose of all parts of the packaging according to environmental standards. This is beneficial to the environment.

	<b>CAUTION:</b> If product will be given to someone for personal use or given to someone for second hand use, User manual, product labels, other related documents, mounting parts etc. should be given with product.
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## Future transportation

Do not carry out cleaning or maintenance operations on the appliance without having previously disconnected it from the electric power supply.



### NOTICE:

Do not place other items on the top of the appliance. The appliance must be transported upright.

Store the appliance's original box and transport the appliance in its original carton. Follow the guidance marks that are printed on the carton.



### IMPORTANT:

Verify the general appearance of your equipment by identifying possible damage during the transportation.

To prevent the wire shelf and tray inside the oven from damaging the oven door, place a strip of cardboard onto the inside of the oven door that lines up with the position of the trays. Tape the oven door to the side walls.

### If you do not have the original carton

Pack the appliance in bubble wrap or thick cardboard and tape it securely in order to prevent damage during transportation.

## 2 Installation

The kitchen floor must be able to carry the weight of the appliance plus the additional weight of cookware and bake ware and food.

- If an appliance hood is to be fitted, refer to the manufacturer's instructions regarding fixing height.
- Any kitchen furniture next to the appliance must be heat-resistant (212°F/100°C min.).

### Installation and connection



#### IMPORTANT:

Do not install the appliance next to refrigerators or freezers. The heat emitted by the appliance will lead to an increased energy consumption of cooling appliances.

- For installation the appliance must be connected in accordance with all local electrical regulations.



#### CAUTION:

Unit is heavy (approximately 150 kg (330 lbs) and requires at least two persons or proper equipment to move. Do not move more than 3 meters without any instrument. Otherwise, you can cause injury..



#### NOTICE

Material damage!

The door and/or handle must not be used for lifting or moving the appliance. The appliance must be placed directly on the floor. It must not be placed onto a base or a pedestal.

- To align the appliance with the worktop, adjust the feet turning right or left hand as required.
- Hidden surfaces may have sharp edges. Use caution when reaching behind or under appliance.
- Do not use the oven (if equipped) for storage.

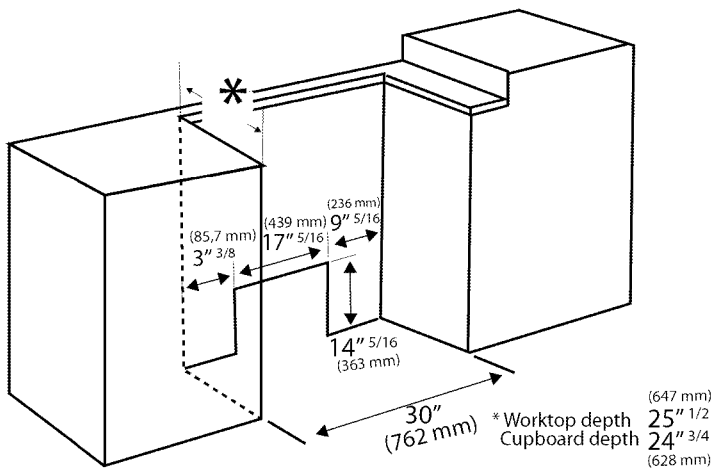
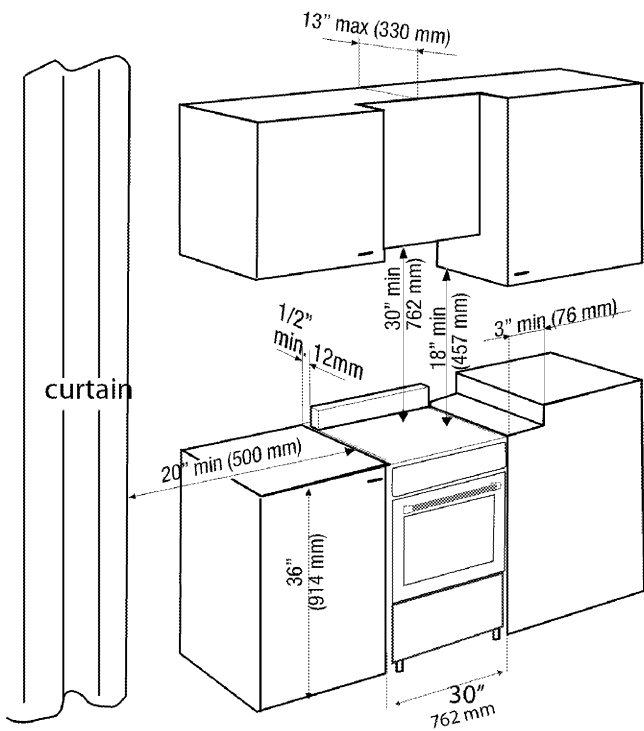


#### NOTICE

Material damage!

Do not place other items on the top of the appliance. The appliance must be transported upright. The door and/or handle must not be used for lifting or moving the appliance. Take care not to touch the oven heating element also located at the top of the oven cavity, just behind the ridged area. It is recommended to wear gloves and long sleeves to protect hands and forearms from abrasion and potential scratches during the lifting process. It is also recommended to take off watches and jewelry and to wear work shoes during installation for foot protection. Remove the oven door for easier handling and installation.

- The appliance must be placed directly on the floor. It must not be placed onto a base or a pedestal.



## Clearances & Dimensions

Dimensions that are shown in figure must be used. Given dimensions provide minimum clearance. There needs to be a 30-inch (762mm) minimum clearance between the top of the cooking surface and the bottom of unprotected wood or metal cabinets or a 24-inch (609mm) minimum when bottom of wood or metal cabinets are protected by not less than a 1/4-inch (6mm) flame retardant millboard covered with not less than no. 29 msg sheet-steel, 0.015-inch (38mm) stainless steel, 0.024-inch (0.6mm) aluminum or 0.020-inch (0.05mm) copper.

To eliminate the risk of burns or fire by reaching over heated surface units, cabinet storage space located above the surface units should be avoided. If cabinet storage is to be provided, the risk can be reduced by installing a range hood that projects horizontally a minimum of 5 inches (127mm) beyond the bottom of the cabinets.



### Important notes to the consumer

Keep this manual for future reference.

- As when using any range generating heat, there are certain safety precautions you should follow. These are listed in the front of this manual. Read and follow carefully.
- Be sure your range is installed and grounded properly by a qualified installer or service technician.
- To eliminate the need to reach over the cook top, cabinet storage space above the cook top should be avoided.



### Important notes to the installer

Read manual before installing the range.

Observe all governing codes and ordinances.

Be sure to leave these instructions with the consumer.

Be sure your range is installed and grounded properly by a qualified installer or service technician.



### IMPORTANT:

Before installing the range in an area covered with linoleum or any other synthetic floor covering, make sure the floor covering can withstand heat at least 90°F (32.2°C) above room temperature without shrinking, warping or discoloring.

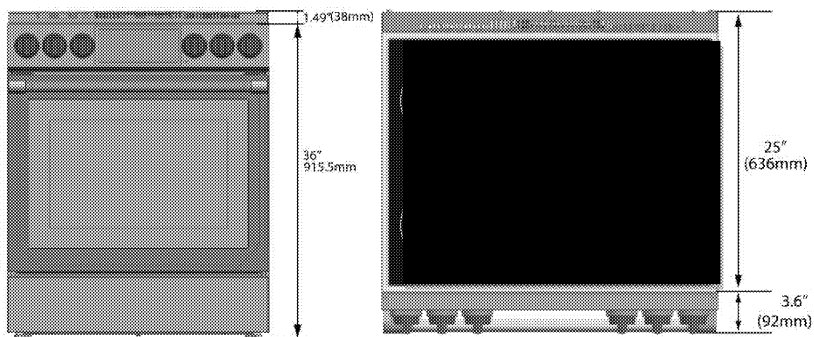
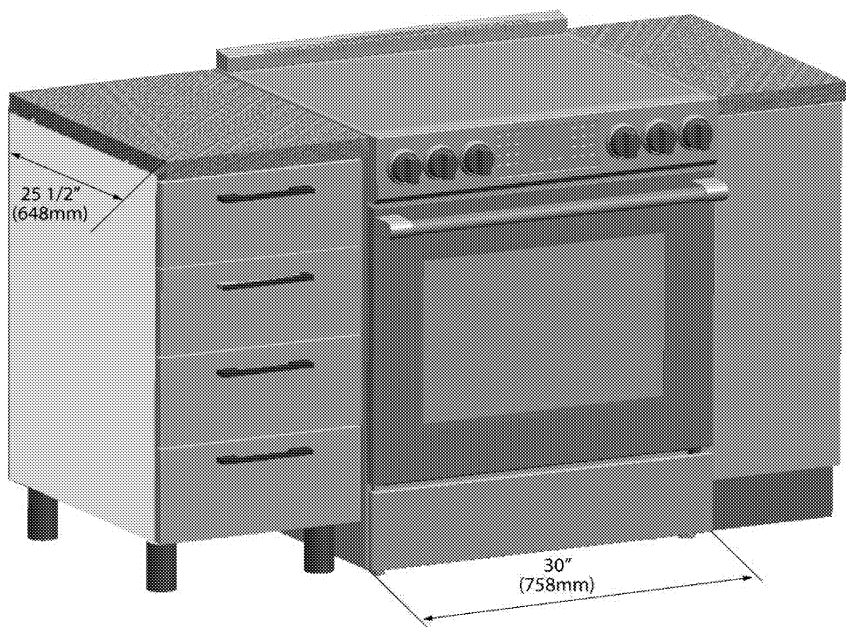
Do not install the range over carpeting unless you place an insulating pad or sheet of 1/4 inch (0.64 cm) thick plywood between the unit and carpeting.



### WARNING:

All ranges can tip and injury to persons could result.

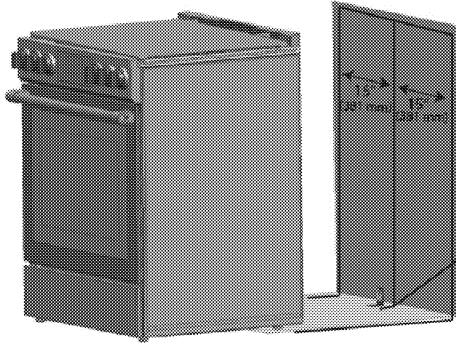
- A child or adult can tip the range and be killed.
- Anti-Tip stability devices are fixed on wooden plate. During the removing packaging materials, the Anti-Tip stability devices should be unscrewed from wooden plate and should not be thrown away.
- A risk of tip-over may exist if the appliance is not installed in accordance with these instructions.
- If the range is pulled away from the wall for cleaning, service or any other reason, ensure that the Anti-Tip Device is properly re-engaged when the range is pushed back against the wall. In the event of abnormal usage (such as a person standing, sitting or leaning on an open door), failure to take this precaution can result in tipping of the range. Personal injury might result from spilled hot liquids or from the range itself.



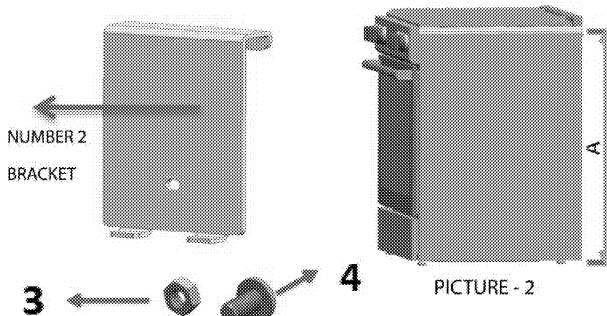
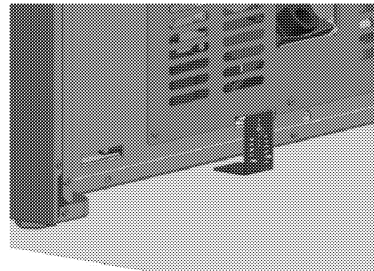
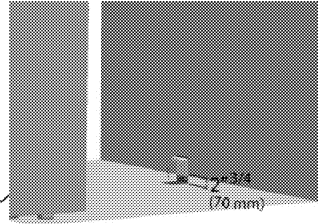
## Anti-Tip stability device installation instructions

1. Fix the bracket 1 to the floor with 4 screws (5) in accordance with the dimensions and direction indicated in Picture 1.
2. Measure dimension A of the product indicated in Picture 2 according to the height of counter. Decide the hole on bracket 1 to which the

- bracket 2 will be secured. Complete the installation by tightening parts 3 and 4.
3. Position the appliance on its place after completing the installation.
4. Check whether the appliance is locked with bracket by gently lifting it up from rear side of front side.

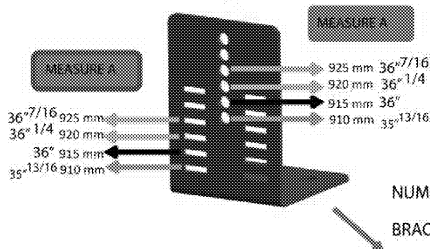


PICTURE - 1

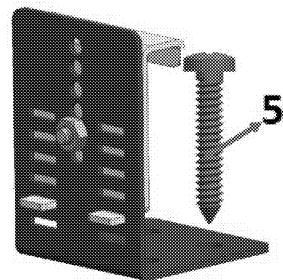


PICTURE - 2

SCREWS 4 PIECES

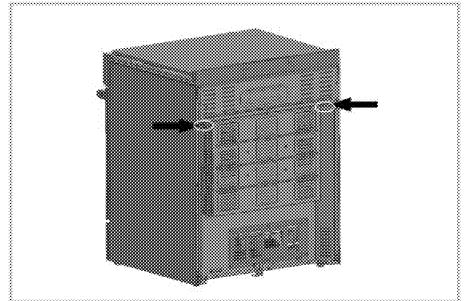
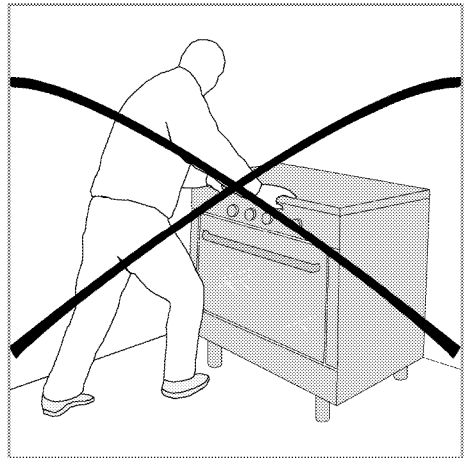
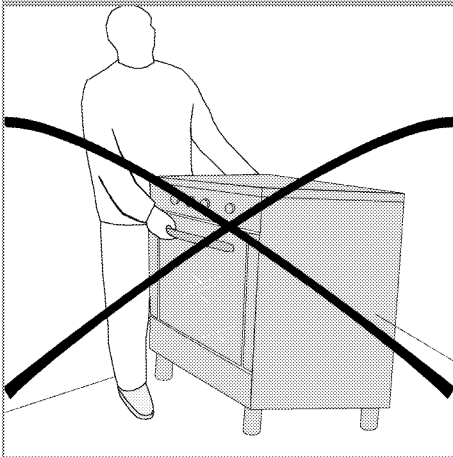
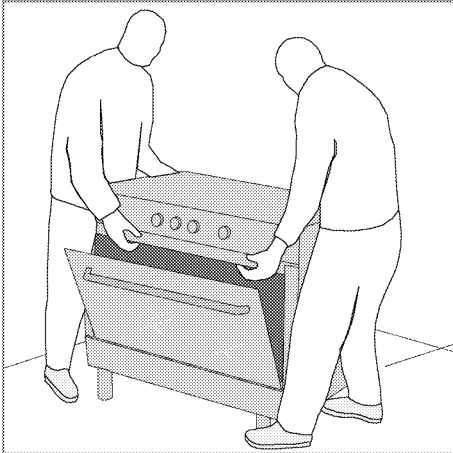



NUMBER 1  
BRACKET




## How to move the appliance

Movement of your appliance is most easily achieved by lifting the front as indicated in the drawing. Open the oven door sufficiently to allow a comfortable and safe grip on the underside of the oven roof avoid causing any damage to the grill element or any internal parts of the oven. Do not move by pulling on the door handle or knobs. Move the appliance a bit at a time until placed in the position required.



 **WARNING: Tip Over Hazard**  
A child or adult can tip the range and be killed. Connect anti-tip bracket to anti-tip hole at the back of the range. Reconnect the anti-tip bracket, if the range is moved. Failure to follow these instructions can result in death or serious burns to children and adults.

 **WARNING: Electrical shock hazard!**

- Use extreme caution when drilling holes into the wall or floor. There may be concealed electrical wires located behind the wall or under the floor.
- Identify the electrical circuits that could be affected by the installation of the Anti Tip Device, then turn off power to these circuits.

**Failure to follow these instructions may result in electrical shock or other personal injury.**

The California Safe Drinking Water and Toxic Enforcement Act requires the Governor of Cali-

fornia to publish a list of substances known to the State of California to cause cancer, birth defects, or other reproductive harm, and requires businesses to warn of potential exposure to such substances.



**IMPORTANT:**

This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

The fiberglass insulation in self-clean ovens gives off a very small amount of carbon monoxide, benzene, formaldehyde and toluene during the cleaning cycle. Exposure can be minimized by venting with an open window or using ventilation fan or hood.

**Connection to the main supply**



**IMPORTANT:**

Electrical installation should comply with national and local codes.



**IMPORTANT:**

This appliance must be grounded!



**WARNING**

Avoid fire hazard or electrical shock. Do not use an adapter plug, an extension cord, or remove grounding prong from electrical power cord, have a qualified electrician install an outlet near the appliance. Failure to follow this warning can cause serious injury, fire or death.



**WARNING**

Risk of Electric Shock or Fire. Grounding through the neutral conductor is prohibited for new branch circuit installations (1996 NEC), mobile homes, and recreational vehicles, or in an area where local codes prohibit grounding through the neutral conductor.

Before starting any work the electrical installation, the electrical power to the range must be shut off while line connections are being made. Failure to follow these instructions can result in death, fire, or electrical shock.

**Provide Electrical connection**

Install the junction box under the cabinet and run 120/240 or 120/208 Volt, AC wire from the main

circuit panel. DO NOT connect the wire to the circuit panel at this time.

**Electrical requirements**

This appliance must be supplied with the proper voltage and frequency and connected to an individual, properly grounded branch circuit, protected by a circuit breaker or fuse. A circuit breaker or fuse is required by your appliance. The circuit breaker or fuse amperage recommended for your appliance is 40A or 50A.

**Observe all governing codes and local ordinances**

A 3 wire or 4 wire single phase 120/240 or 120/208 Volt, 60 Hz AC only electrical supply is required on a separate circuit fused on both sides of the line (red and black wires). A time-delay fuse or circuit breaker is recommended. DO NOT fuse neutral (white wire).

NOTE: Wire sizes and connections must conform with the fuse size and rating of the appliance in accordance with the American National Electrical Code ANSI/ NFPA No. 70-latest edition.



**IMPORTANT:**

This appliance must be properly grounded to avoid shock hazard!

Our company shall not held responsible for any damage caused by using the appliance without grounded receptacle.

This range must be electrically grounded in accordance with local codes, or in their absence, with the National Electrical Code ANSI/NFPA No. 70-latest edition in United States.

Installation should be made by a Licensed electrician.



**WARNING:**


Risk of electric shock, short circuit or fire by damage of the main power supply!

The main power supply lead must not be clamped, bent or trapped or come into contact with hot parts of the appliance. If the main power cable is damaged, it must be replaced by a qualified electrician.

This range may be connected by means of permanent "hard wiring" (flexible armored or

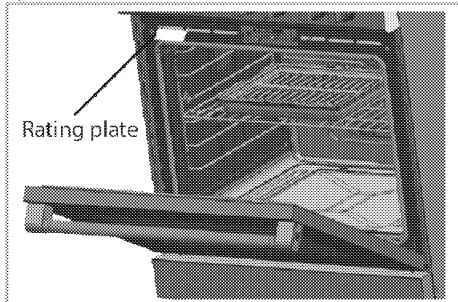


nonmetallic shielded copper or aluminum cable), or by means of a power supply cord kit. Only a power supply cord kit rated at 120/ 240 volts and 40 or 50 amperes terminating in tinned leads and marked for use with ranges shall be used. If a 50 Amp cord is used it must be marked for use with a 1 3/8 inches (35 mm) diameter opening. Cord must have either 3 or 4 conductors to match electric receptacle (Use copper or Aluminum Conductors).

	<p><b>WARNING:</b> Risk of fire or electrical shock exists if an incorrect size appliance cord kit is used or the Installation manual or strain relief clamp are disregarded.</p>
	<p><b>WARNING:</b> Do not loosen the nuts which secure the factory-installed range wiring to the terminal block while connecting range. Electrical failure or loss of electrical connection may occur.</p>

When installed where it is not permitted to ground through the neutral, a 4-conductor cord must be used or cable assembly. See manufacturer's instructions.

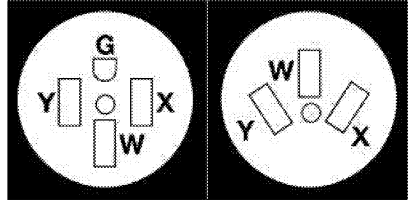
The main supply data must correspond to the data specified on the rating plate of the appliance. The rating plate is either seen when the door is opened.



**3 & 4 -wire electrical wall receptacle types & recommended mounting orientation on wall**

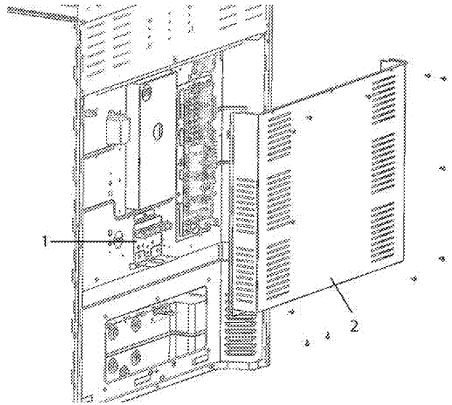
Figure A illustrates 4-wire receptacle required for new branch circuit installation (1996 NEC) mobile homes, and recreational vehicles or where local codes do not allow grounding thru the neutral.

Figure B illustrates 3-wire receptacle that is allowed in areas that allow grounding through neutral.



A) 4-wire wall receptacle      B) 3-wire wall receptacle (10-50R)

**Access to terminal block**



- 1 Terminal block
- 2 Cover

Loosen the screws on rear access cover and take off the terminal block cover. After completing connections put terminal block cover to the original location and tighten the screws.

## Power cord connections



### WARNING

Risk of electric shock!

Frame grounded to neutral of appliance through a link. Grounding through the neutral conductor is prohibited for new branch-circuit installations (1996 NEC); mobile homes; and recreational vehicles, or in an area where local codes prohibit grounding through the neutral conductor. For installations where grounding through the neutral conductor is prohibited:

- a- Disconnect the link from the neutral;
- b- Use grounding terminal or lead to ground unit; and
- c- Connect neutral terminal or lead to branch circuit neutral in usual manner (when the appliance is to be connected by means of a cord kit, use 4-conductor cord or conduit for this purpose) See fig.9.

•Do not use an extension cord.



### IMPORTANT:

Do not loosen the factory installed nut connections which secure the range wiring to terminal block. Electrical failure or loss of electrical connection may occur if these 3 nuts are loosened or removed.

## Power cord

### Train relief installation

A ground strap is installed on this range which connects the center terminal of the neutral terminal block to the range chassis. The ground strap is connected to the range by the center, lowest screw. See Figure 9. The ground strap must not be removed unless National, State or Local Codes do not permit use of a ground strap.

Note: If the ground strap is removed for any reason, a separate ground wire must be connected to the separate ground screw attached to the range chassis and to an adequate ground source.

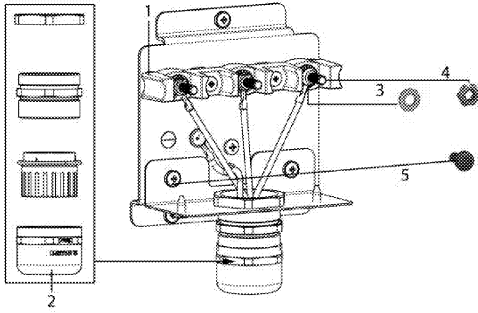
3 & 4-wire permanent wire connections

3-wire permanent connection - follow steps in, 2 and 5 below. 4-wire permanent connection — follow all steps below.

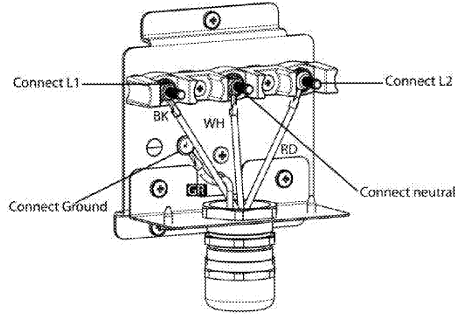
Before wiring the range, review the suggested power source location drawings in Figure 2. If connecting to a 4-wire electrical system

1. Follow the manufacturer's Installation Instructions supplied with the strain relief clamp and install.
2. Strip insulation away from the ends of the permanent wiring for line 1, line 2 and neutral; also strip ground wire on 4-wire connections. Tighten all 3 or 4-wire leads to the terminal block. Follow wire locations shown in Figure 10.  
IMPORTANT DO NOT LOOSEN the factory installed at connections which secure the range wiring to the terminal block. Electrical failure or loss of electrical connection may occur if these 3 nuts are loosened or removed.  
Note: For 3-wire permanent connection skip steps 3 and 4 and continue with step 5.
3. Disconnect the ground strap. Remove the factory installed ground screw and plate to release the factory installed copper ground strap from frame of the range. Cut and discard the copper strap from the terminal block. KEEP the ground screw, ground plate and go to step 4.
4. Connect the green ground wire lead to the frame of the range using the ground screw and plate as shown in Figure . Be sure to install using the same hole in the frame where the ground screw was originally installed.
5. Make sure all connections are tightened securely and replace the rear access cover. See Figure .  
Note: Non-terminated field wire compression connections must be set at approximately 90 in./lbs.

### 4-wire connection

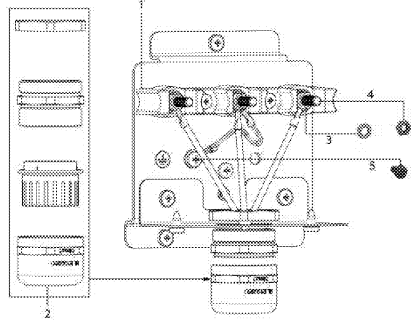


- 1 Terminal block
- 2 Power cord/conduit plate
- 3 Washer
- 4 Nut
- 5 Screw

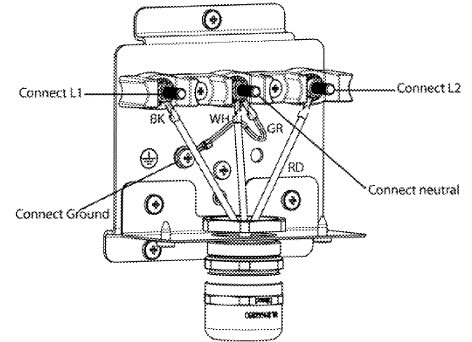


- BK Black  
 WH White  
 RD Red  
 GR Green

### 3-wire connection



- 1 Terminal block
- 2 Power cord/conduit plate
- 3 Washer
- 4 Nut
- 5 Screw



- BK Black  
 WH White  
 RD Red  
 GR Green

### 3 Preparation

#### Tips for saving energy

The following information will help you to use your appliance in an ecological way, and to save energy:



- Use dark colored or enamel coated cookware in the oven since the heat transmission will be better.
- While cooking your meals, perform a preheating operation if it is advised in the user manual or cooking instructions.
- During cooking, do not open the oven door frequently.
- Try to cook more than one type of meal with in the oven at the same time (You can cook two different meals at the same time by locating cooking bowls on the same shelf). It will be suitable to cook more than one meal after each other. The oven will already be hot.
- Defrost frozen meals before cooking them.
- You can save energy by switching off your oven a few minutes before the end of the cooking time. (The oven door should not be opened).
- Use pots/pans with lids for cooking, without a lid, the energy consumption may be up to 4 times higher.
- Choose the burner/plate which is suitable to the saucepan base. Always choose the correct size of saucepans for your meals. For larger burners/plates more energy is needed.
- Take care to use flat base saucepans while cooking on electrical cookers.
- Pots with an even and thick bottom provide better thermal conduction. You can save up 1/3 of electricity.
- Pots and pans should match the size of plates. The bottom of the pot or pan should not be smaller than the plate.
- Keep plates and pan bottoms clean, dirt will reduce the heat transmission between plate and pan bottoms.
- In case of longer cooking times, switch off the plate 5 to 10 minutes before the end of

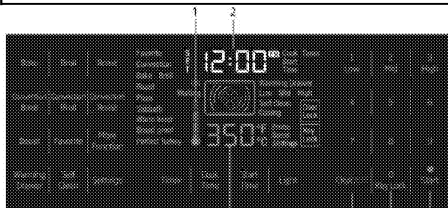
the cooking time. When you use the residual heat, you can save up to 20 % of electricity.

#### Initial use

Before first usage of your appliance, don't forget to remove the sticker on the control panel.

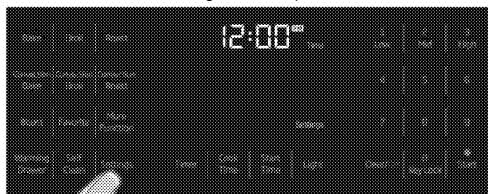
#### Setting the time

	<b>IMPORTANT:</b> Default setting for clock is 12:00 after initial powering.
	<b>IMPORTANT:</b> Active time setting automatically reset when power failure. Please set the clock again..



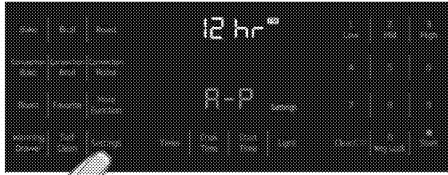
- 1 Symbol of internal temperature
- 2 Display of active clock
- 3 Display of set temperature
- 4 Clear/Off touchpad
- 5 Key Lock touchpad to disable all keys.
- 6 Start/Approve touchpad for cooking

1. Touch the “Settings” touchpad once.



2. Display of timer, “Time” and “Settings” touch pads flash.
3. Set the clock with using numeric keypad.
4. When desired time entered, set the time by pressing “Start” or wait approximately 10 seconds.
5. After making 12 hours setting, you can perform AM-PM selection by using button number 8.

## Setting 12hr – 24 hr



1. Touch the “Settings” touchpad three times.
2. “Settings” touchpad flashes.
3. Adjust 12 hr or 24 hr with touching 1 and 2 in the numeric keypad.
4. Set the 12-hr or 24-hr by pressing “Start” or wait approximately 10 seconds.

### First cleaning of the appliance



#### IMPORTANT:

When removing appliance for cleaning and/or service; Disconnect AC power supply. Carefully remove the range by pulling outward. Range is heavy, use care in handling.



The surface might get damaged by some detergents or cleaning materials. Do not use aggressive detergents, cleaning powders/creams or any sharp objects during cleaning. Be careful to avoid steam burn. Some cleaners can produce noxious fumes if applied to a hot surface.

1. Remove all packaging materials.
2. Wipe the surfaces of the appliance with a damp cloth or sponge and dry with a cloth.

## Initial heating



#### IMPORTANT:

Smoke and smell may emit for a couple of hours during the initial operation. This is quite normal. Ensure that the room is well ventilated to remove the smoke and smell. Avoid directly inhaling the smoke and the smell that emits.

Heat up the product for about 30 minutes and then switch it off. Thus, any production residues or layers will be burnt off and removed.



#### WARNING

Hot surfaces cause burns! Product may be hot when it is in use. Never touch the hot burners, inner sections of the oven, heaters and etc. Keep children away. Always use heat resistant oven gloves when putting in or removing dishes into/from the hot oven.

## Electric oven

1. Take all baking trays and the wire grill out of the oven.
2. Close the oven door.
3. Select the bake function.
4. Set the temperature 350° F (175 °C).
5. Operate the oven about 30 minutes.
6. Turn off your oven.

## Broil








1. Take all baking trays and the wire grill out of the oven.
2. Select the broil function.
3. Set the broil level to “HI”.
3. Operate the broil about 30 minutes.
4. Turn off your oven.



Smoke and smell may emit for a couple of hours during the initial operation. This is quite normal. Ensure that the room is well ventilated to remove the smoke and smell. Avoid directly inhaling the smoke and the smell that emits.

## 4 How to use the hob


### General information about cooking

	<b>DANGER</b> <b>Risk of fire over by overheated oil!</b> When you heat oil, do not leave it unattended.
	<b>WARNING</b> Do not let cooking grease or other flammable materials accumulate in or near the range. Grease in the oven or on the cook top may ignite.
	<b>WARNING</b> Do not use water on grease fires. Never pick up a flaming pan. Turn the controls off. Smother a flaming pan on a surface unit by covering the pan completely with a well-fitting lid or a fire blanket, cookie sheet or flat tray. Use a multi-purpose dry chemical or foam-type fire extinguisher.
	<b>WARNING</b> Only use flat bottomed pots or pans. Use pans which have sufficient capacity for the amount of food being cooked so they don't boil over and cause unnecessary cleaning.
	<b>WARNING</b> To avoid oil spillover and fire, use a minimum amount of oil when shallow pan-frying and avoid cooking frozen foods with excessive amounts of ice.
	<b>WARNING</b> Do not place or store items that can melt or catch fire on the glass cook top, even when it is not being used. If the cook top is inadvertently turned on, they may ignite. Heat from the cook top or oven vent after it is turned off may cause them to ignite also.
	<b>WARNING</b> If there is a fire in the oven during baking, smother the fire by closing the oven door and turning the oven off or by using a multi-purpose dry chemical or foam-type fire extinguisher.

- Do not place lids on the heating element.
- Always position pans centrally over the heating element. When transferring pans

from one heating element to another always lift the pans do not slide them.


- This appliance is equipped with one or more surface units of different size. Select utensils having flat bottoms large enough to cover the surface unit heating element. The use of undersized utensils will expose a portion of the heating element to direct contact and may result in ignition of clothing. Proper relationship of utensil to heating element will also improve efficiency.

	<b>WARNING</b> Never leave surface units unattended at high heat settings. Boil over causes smoking and greasy spillovers that may ignite.
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- Make sure reflector pans or drip bowls are in place. Absence of these pans or bowls during cooking may subject wiring or components underneath to damage.

#### Tips for glass ceramic plate

- The glass ceramic surface is heat- resistant and insensitive to large temperature deviations.
- Do not use the glass ceramic plate for keeping objects or as cutting surface.

	<b>WARNING</b> Do not cook popcorn in prepackaged aluminum containers on the cook top. They could leave aluminum marks that cannot be removed completely.
---	--

- Use pot and pans with ground bottoms. Sharp edges cause scratches on the surface.
- Do not use aluminum pots and pans. Aluminum damages the glass ceramic surface.


	<b>WARNING</b> 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.
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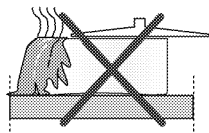
- For foods containing sugar in any form, clean up all spills and soils as soon as possible. Allow the cook- top to cool down

slightly. Then, while wearing oven mitts, remove the spills while the surface is still warm. If sugary spills are allowed to cool down, they can adhere to the cook-top and can cause pitting and permanent marks.

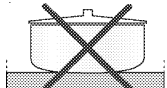
 **WARNING**  
Use pot and pans with ground bottoms. Sharp edges cause scratches on the surface.

 **WARNING**  
Avoid scratching the glass cook top. The cook top can be scratched with items such as knives, sharp instruments, rings or other jewelry and rivets on clothing.

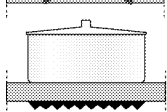
 **WARNING**  
If a wet sponge or cloth is used to wipe spills on a hot cooking area, be careful to avoid steam burn. Some cleaners can produce noxious fumes if applied to a hot surface. Utensil handles should be turned inward and not extend over adjacent surface units. To reduce the risk of burns, ignition 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.



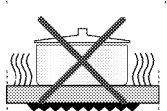
Splashes may damage the ceramic surface and can cause fire.




Do not use pots that have concave or convex bottoms.



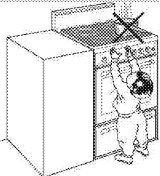
Use pot and pans with smooth bottoms. They ensure a good heat transfer.




If the pan is too small energy is wasted

 **DANGER**

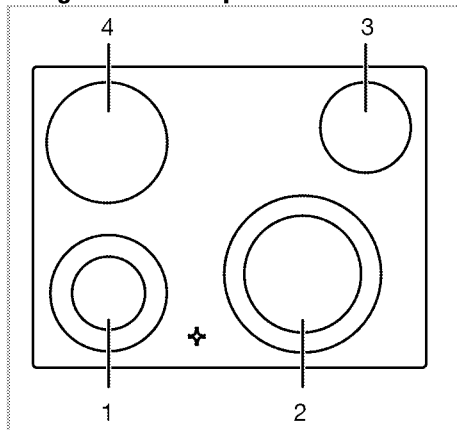
**Tipping of pan**  
Make sure that the handles of cookware do not stick out over the edge of the appliance, to avoid them being knocked over by accident. This also makes it more difficult for children to reach the cooking pans.



- Ensure handles of pans cannot accidentally be caught or knocked and do not get hot by adjacent heating zones. Avoid pans that are unstable and easily tipped. Pans that are too heavy to move easily when filled can also be a hazard.

 **WARNING**  
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.

### Using the burners/plates



- 1 Dual-circuit cooking plate 5 – 5 <sup>3/4</sup> / 8 – 8 <sup>5/8</sup> inches (127-146 / 200-220 mm)
- 2 Dual-circuit cooking plate 9-9 <sup>7/8</sup> / 12 -12 <sup>3/4</sup> inches (230-250/300-324 mm)
- 3 Single-circuit cooking plate 6 – 6 <sup>1/2</sup> inches (150-165 mm)
- 4 Single-circuit cooking plate 8 – 8 <sup>5/8</sup> inches (200-220 mm) is list of advised diameter of pots to be used on related burners.

**DANGER:**

Avoid scratching or impacting glass doors, cook tops or control panels. Doing so may lead to glass breakage. Do not cook on a product with broken glass. Shock, fire or cuts may occur.

Do not let any objects fall onto the plate. Even small objects (e.g. salt shaker) may damage the burner/ plate.

**DANGER:**

Do not use glass ceramic plates with cracks. Water may enter into the cracks and cause a short circuit.

**DANGER:**

If the surface is damaged in any way (e. g. visible cracks), switch off the device immediately to reduce the risk of an electric shock.

If cooktop should break, cleaning solutions and spillovers may penetrate the broken cook-top and create a risk of electric shock. Contact a qualified technician immediately.

**WARNING**

The glass ceramic burner/plate is equipped with an operating lamp and a residual heat indicator.

The residual heat indicator indicates the position of the switched on plate and remains illuminated after switching off. (When the temperature of the plate falls below touchable temperature the indicator light will go off).

**NOTICE:**

Quick heating glass-ceramic plates emit a bright light when they are switched on. Do not stare to bright light.

**Switching the plate on**

The burner/plate control knobs are used for operating the plates. To obtain the desired cooking power, turn the burner/ plate control knobs to the corresponding level.

**WARNING**

When preparing flaming foods under a hood, turn the fan on.

**WARNING**

If power is lost to an electric cook top while a surface unit is ON, the surface unit will turn back on as soon as power is restored. In the event of power loss, failure to turn all surface unit knobs to the OFF position may result in ignition of items on or near the cook top, leading to serious injury or death.

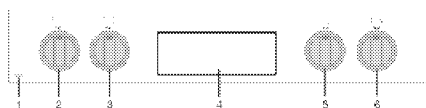
**Switching the plate off**

Turn plate control knob to off position (top).

**How to operate on the multiple region hotplates (model dependant)**

Hobs with multiple region are used for different diameter of pans.

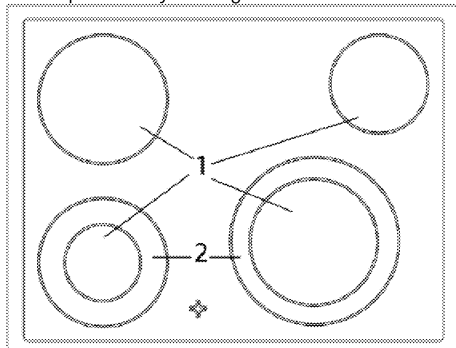
By changing the knob position in clockwise direction or counter clockwise direction, the diameter of active zone can be adjusted.



- 1 Signal lamp hob
- 2 Single-circuit cooking plate Rear Left
- 3 Dual-circuit cooking plate Front Left
- 4 Digital Timer
- 5 Dual-circuit cooking plate Front Right
- 6 Single-circuit cooking plate Rear Right

**Switch off dual zone hotplates**

In order to turn off the plates, set the knob to "OFF" position by turning it.



- 1 Stage 1
- 2 Stage 2

**NOTICE:**

The 2nd zones of multiple region plates will not operate by themselves.



## 5 How to operate the oven

### General information on baking, roasting and broiling



#### WARNING

Hot surfaces cause burns!  
Product may be hot when it is in use. Never touch the hot burners, inner sections of the oven, heaters and etc. Keep children away. Always use heat resistant oven gloves when putting in or removing dishes into/from the hot oven.



#### DANGER:

Be careful when opening the oven door as steam may escape.  
Exiting steam can scald your hands, face and/or eyes.

### Tips for baking

- Use non-sticky coated appropriate metal plates or aluminum vessels or heat-resistant silicone moulds.
- Make best use of the space on the rack.
- Place the baking mould in the middle of the shelf.
- Select the correct rack position before turning the oven or Broil on. Do not change the rack position when the oven is hot.
- 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.
- Keep the oven door closed.

### Tips for roasting

- Seasoning with lemon juice and black pepper will improve the cooking performance when cooking a whole chicken, turkey or a large piece of meat.
- Meat with bones takes about 15 to 30 minutes longer before it is cooked than a roast of the same size without bones.
- You should calculate about 4 to 5 minutes cooking time per centimeter height of the meat.
- Let meat rest in the oven for about 10 minutes after the cooking time. The juice is better distributed all over the roast and does not run out when the meat is cut.

- Fish in a fire-resistant dish should be placed on the rack at the medium or lower level.

### Tips for broiling

Broiling is ideal for cooking meat, fish and poultry and will achieve a nice brown surface without it drying out to much. Flat pieces, meat skewers and sausages are particularly suited for broiling as are vegetables with a high water content such as tomatoes and onions.

- Distribute the pieces to be broiled on the wire shelf.
- If the broiling is on the wire shelf, locate a dripping pan under it in order to collect the fat.
- Add some water in dripping pan for easy cleaning.



#### Fire danger due to food which is unsuitable for grilling!

Only use food for grilling which is suitable for intensive grilling heat.  
Do not place the food too far in the back of the grill. This is the hottest area and fat food may catch fire.



#### WARNING

Do not insert your finger or any other object in the holes of the back wall of the oven.



Fan only runs if necessary for improving performance of cooking and saving the energy of the oven.

### Tips for cooking vegetables

1. If the vegetable dish runs out of juice and gets to dry,
  - » Since using a lid during cooking will keep the juice of the dish in the pan, cook your vegetable dishes in a pan with a lid instead of a tray.
2. If a vegetable dish does not get cooked,
  - » Boil the vegetables beforehand or prepare them like canned food and put in the oven.

### How to use the electric oven



#### CAUTION: Food Poisoning Hazard

Do not let food sit in oven more than one hour before or after cooking.  
Doing so can result in food poisoning or sickness.

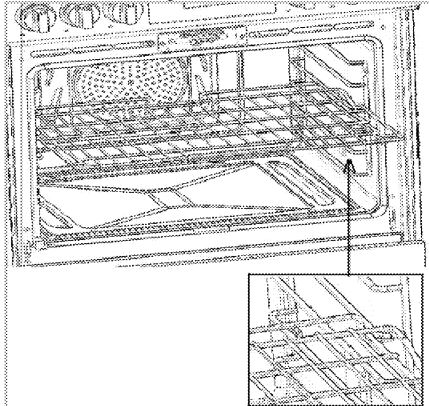
**IMPORTANT:**  
Before using the oven, the clock time must be set. If the clock time is not set, the main oven will not work.

**WARNING**  
Never cover any slots, holes or passges in the oven bottom or cover an entire rack with materials such as aluminium foil. Doing so blocks airflow through the oven and may cause carbonmonoxide poisoning. Aluminium foil linings may also trap heat, causing a fire hazard.

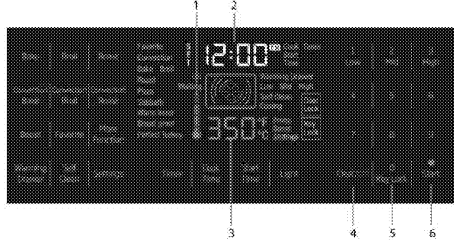
**Fire Hazard!**  
Never leave the range unattended with the cooktop on medium or high settings. Keep flammable items away from the cooktop. Turn off all controls when done cooking. Failure to follow these instructions can result in fire, serious injury or death..

**Shelf positions**

For optimum broil coverage, position the wire shelf towards the front of the oven just out of contact with the glass door. Placing the wire shelf fully to the rear of the oven will reduce the broil coverage. It is important to position the wire shelf on side rack correctly. The wire shelf must be placed so that it will fit into the opening of the wire shelf as illustrated in the figure.

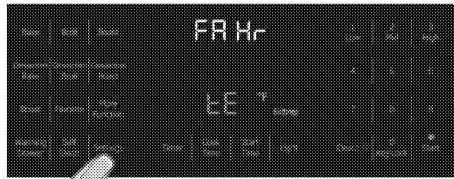


**Settings Temperature Unit**



- 1 Symbol of internal temperature
- 2 Display of active clock
- 3 Display of set temperature
- 4 Clear/Off touchpad
- 5 Key Lock touchpad to disable all keys.
- 6 Start/Approve touchpad for cooking

1. Touch the "Settings" touchpad four times.



2. "Settings" touchpad and icon of °F or °C flashing.



- 3. Adjust °F or °C with touching 1 and 2 in the numeric keypad.
- 4. When desired unit entered, set the temperature unit by touching "Start" or wait approximately 10 seconds.

**Switch on the electric oven**

Stand-by mode is active when oven has power. The display shows only active time.

When stand-by mode is active;

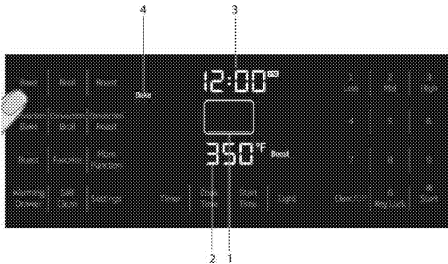
- Bake
- Broil
- Roast
- Convection Broil
- Convection Bake
- Convection Roast
- More Function
- Self Clean

Settings  
Light  
Key lock  
Favorite

Timer touch pads are active.

### Setting Temperature and Function Mode

Sample display for initial operation mode of oven functions.



- 1 Functions icon
- 2 Area of set temperature
- 3 Area of active clock

4 Function mode name

Recommended temperature is shown in the area of set temperature and working heaters or components are shown in the functions icon.

“Temperature”, “Cook Time”, “Cook End Time” can be adjustable when functions are selected.

Temperature should be adjustable when functions (except Broil, Convection Broil, Warm Keep) are firstly selected. Set temperature adjusts with numeric keypad. You can change set temperature after starting cook. If you want to change set temperature after starting cook, touch same function and change set temperature. Broil, Convection Broil, Warm Keep functions’ temperature can adjust with pressing 1-Low, 2-Mid and 3-High in the numeric keypad.

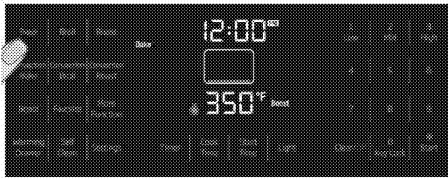
### Function Table

Function table indicates the functions that can be used in the oven and their respective maximum, minimum and initial display temperatures.

FUNCTION	RECOMENDED TEMPERATURE	LOW	MID	HIGH	MAX	MIN
	°F / °C	°F / °C	°F / °C	°F / °C	°F / °C	°F / °C
BAKE	350/175				550/290	125/50
CON BAKE	350/175				550/290	125/50
BROIL	350/175	350/175	450/230	550/290		
CON BROIL	350/175	350/175	450/230	550/290		
ROAST	375/190				550/290	125/50
CON ROAST	350/175				550/290	125/50
PIZZA	425/220				550/290	125/50
SABBATH	350/175				450/230	125/50
WARM KEEP	150/65	150/65	170/75	200/95		
BREAD PROOF	100/40				125/50	100/40
PERFECT TURKEY	325/165				550/290	125/50
SELF CLEAN		3 HOURS	4 HOURS	5 HOURS		

## Operating modes

### Bake



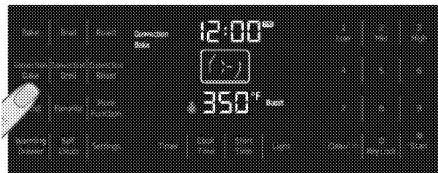
Only bottom heat is on. The bake mode can be used for a variety of food items, from cakes to casseroles.

Bake food on a single rack with the pans are positioned in the middle of the oven. Bake foods with 1" (25mm) to 1.5" (38mm) space between pans and oven walls.

When using the Bake mode, preheat the oven for best results.

Baking time will vary with the size, shape and material of the pan used.

### Convection Bake



Only bottom heat is on. The heat comes from bottom and is circulated throughout the oven by the convection fan. The convection bake mode can be used for a variety of food items, from cakes to breads.

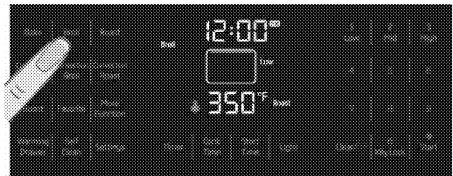
It is also ideal for sponge cakes, pasties and biscuits on multiple racks (3 and 5) at the same time and large quantities of baked foods.

The cakes are positioned with the top rack cakes towards the back of the oven and the lower rack cakes towards the front of the oven. Bake foods with 1" (25mm) to 1.5" (38mm) space between pans and oven walls.

When using the Convection Bake mode, preheat the oven for best results.

Baking time will vary with the size, shape and material of the pan used.

### Broil



Top heat is on. The broil mode can be used for cuts of meat, poultry and fish. It can also be used to brown breads. The food must be put on a grid in a pan (broiler tray).

Broil food on a single rack with the broiler tray are centrally located with respect to the heating element.

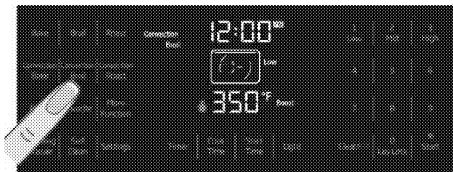
The broil mode has three settings: low 350°F (175°C), mid 450°F (230°C), high 550°F (290°C).

When using the Broil mode, preheat the oven 5-6 minutes for best results.

Turn foods once during the recommended cook time.

The size, weight, thickness, starting temperature and personal preference of doneness will affect broiling times.

### Convection Broil



Top heat is on. The heat comes from top and is circulated throughout the oven by the convection fan. The convection broil mode can be used for cuts of meat, poultry and fish. The food must be put on a grid in a pan (broiler tray).

Broil food on a single rack with the broiler tray are centrally located with respect to the heating element.

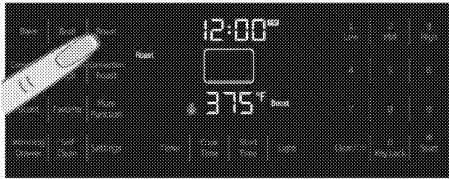
The convection broil mode has three settings: low (350°F (175°C)), mid (450°F (230°C)), high (550°F (290°C)).

When using the Convection Broil mode, preheat the oven 5-6 minutes for best results.

Turn foods once during the recommended cook time.

The size, weight, thickness, starting temperature and personal preference of doneness will affect broiling times.

## Roast



Top and bottom heat are on. The roast mode can be used for meat and poultry.

Roast food on a single rack with the pan is positioned in the middle of the oven.

When using the Roast mode, preheat the oven for best results.

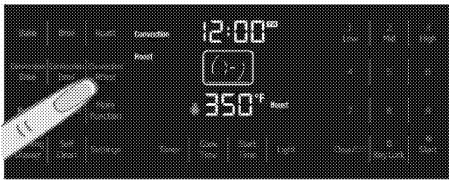
For best performance, use a pan and grid (roasting tray or broiler tray) under the meat or poultry. The pan catches grease spills.



### WARNING:

You can use a lid or roasting bags in this mode. Follow manufacturer's directions for the roasting bag.

## Convection Roast



Top and bottom heat are on. The heat comes from top and bottom and is circulated throughout the oven by the convection fan. The convection roast mode can be used for meat, poultry and large quantities of roasted foods.

Roast food on a single rack with the pan is positioned in the middle of the oven.

When using the Convection Roast mode, preheat the oven for best results.

For best performance, use a pan and grid (roasting tray or broiler tray) under the meat or poultry. The pan catches grease spills.



### WARNING:

Do not cover meat or use roasting bags in this mode..

## Self-cleaning function



### WARNING:

If the oven is hot, self cleaning mode cannot be operated until the oven is cold. If the self cleaning mode malfunctions (power cut), turn the oven off and disconnect the power supply, and call the service.



### DANGER:

Hot surfaces cause burns!

Do not touch the product during self cleaning step and keep children away from it. Keep at least 30 minutes before removing the remnants.



### WARNING:

The oven is equipped with self-cleaning function. The oven is heated to approx. 790 °F and existing dirt is burned to ashes. A strong smoke development may arise. Provide for good ventilation.

The self-cleaning should be used after approx. every 10th oven usage.

The self-cleaning has three levels. It can be selected according to level of dirtiness.

**Low level (Low):** it takes 3 hours.

**Medium Level (Mid):** it takes 4 hours.

**High Level (High):** it takes 5 hours.



### WARNING:

Remove all accessories from the oven.



### WARNING:

If the self-cleaning mode malfunctions, turn the oven off and disconnect the power supply. Have it serviced by a qualified technician.




### WARNING:

Before operating the self-clean cycle, Wipe grease and food soils from the oven. Excessive amount of grease may ignite, leading to smoke damage to your home.




### WARNING:

Do not clean the door gasket. Fiberglass gasket is highly sensitive and can get damaged easily. In case of a damage on the oven door gasket, replace with the new one from the authorized service.


**WARNING:**  
 Before operating the self-clean cycle, remove dirt from exterior surfaces and oven interior with a damp cloth, wipe grease and food soils from the oven. Excessive amount of grease may ignite, leading to smoke damage to your home. Remove all accessories from the oven.

1. Before the self-cleaning cycle, remove dirt from exterior surfaces and oven interior with a damp cloth.
2. Keep the function knob pressed and turn it clockwise to desired level of "Clean". (Low, Mid or High).

This duration cannot be changed.


**WARNING:**  
 The health of some birds and pets is extremely sensitive to the fumes given off during the Self-Cleaning cycle. Always move birds and pets to another closed and well ventilated room. Keep the kitchen well-ventilated during the Self-Cleaning cycle also for your health.

3. If there is a fire in the oven during self-clean, turn the oven off and wait for the fire to go out. Do not force the door open. Introduction of fresh air at self-clean temperatures may lead to a burst of flame from the oven. Failure to follow this instruction may result in severe burns.

**CAUTION:**  
 After a clean cycle, remove soil deposits with vinegar water.

**i** During the Self-Cleaning cycle, the electrical flow to hob burners will be cut. After turning the function and thermostat knob to off position, the door lock will be automatically opened. When the oven gets cool, the electrical flow to hob burners will be started.

**i** During the Self-Cleaning cycle, the lamp cannot be operated.

**WARNING:**  
 If there is a fire in the oven during self-clean, turn the oven off and wait for the fire to go out. Do not force the door open. Introduction of fresh air at self-clean temperatures may lead to a burst of flame from the oven. Failure to follow this instruction may result in severe burns.

## Pizza



Bottom heat is on. The heat comes from bottom and is circulated throughout the oven by the convection fan. The pizza mode can be used for fresh and frozen pizza. Follow manufacturer's directions for frozen pizza.

For best performance, use a pizza pan or baking tray.

You can also use pizza stone but follow manufacturer's directions for the pizza stone. Bake pizza on a single rack with the pizza pan or baking tray is positioned in the middle of the oven.

When using the Pizza mode, preheat the oven for best results.

## Sabbath













Only bottom heat is on.






Cook food on a single rack with the pans are positioned in the middle of the oven. Cook foods with 1" (25mm) to 1" ½ "(38mm) space between pans and oven walls.

The Sabbath mode can be start with touching Sabbath function and START button.

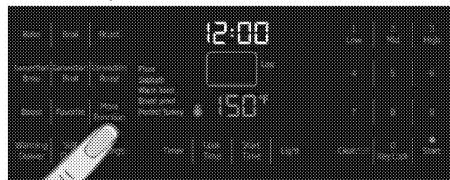
The temperature must be with range of 125°F (50°C) to 450°F (230°C).with in the Sabbath mode.



	All control button except CLEAR/OFF button is deactivated when Sabbath mode is active.
	If Sabbath mode is wanted to close, both CLEAR/OFF and LIGHT buttons are touched simultaneously for approximately 2 seconds.
	The maximum time for Sabbath mode is 72 hours if you set the cook time.
	CLEAR/OFF button closes the all heaters when Sabbath mode is active but the appearance of display is not changed.
	<b>IMPORTANT:</b> Light is off when the Sabbath function in use. No change in light if you press the button without Sabbath mode.
	<b>IMPORTANT:</b> You cannot change the oven temperature after Sabbath starts.
	<b>IMPORTANT:</b> All acoustic signals is deactivated when Sabbath mode is active.
	<b>IMPORTANT:</b> If you set the Cook Time in Sabbath mode, all heaters are closed but the appearance of display is not changed after the Cook Time finished.
	The maximum time for Sabbath mode is 75 hours if you do not use Cook Time.
	<b>WARNING:</b> Food Poisoning Hazard: Do not let food sit in oven for more than 1 hour before or after cooking. Doing so can result in food poisoning or sickness.
	<b>WARNING:</b> To avoid permanent damage to the oven bottom finish do not line the oven bottom with any type of foil or liner.
	<b>WARNING:</b> Sabbath mode should be used only on the Jewish Sabbath and Holidays.

	<b>WARNING:</b> The health of some birds and pets is extremely sensitive to the fumes given off during the Sabbath mode. Always move birds and pets to another closed and well ventilated room. Keep the kitchen well-ventilated during the Sabbath mode also for your health.
	All food should be placed in the oven before the Sabbath begins, since none may be placed in the oven during the Sabbath.
	On the Sabbath the oven door may only be opened once, all the food removed and then closed. On the Holidays, the oven door may be opened/closed at any time as often as desired.
	After recovery from a power failure, the oven will return to the start up screen.
	The start time can be adjusted max.12 hours at Sabbath mode. Make sure the oven clock shows the correct time of day.

### Warm Keep



Only bottom heat is on. The warm keep mode will keep hot, cooked foods at serving temperature. Always start with hot food. Cold or room temperature foods cannot be heated or warmed in this mode (except crisping crackers, chips, dry cereal).

Bacteria will grow very rapidly in food that in between 40°F (4,5°C) and 140°F (60°C).

Always preheat the oven before warming food.

For best results, do not warm food longer than one hour.

The warm keep mode has three settings: low (150°F(65°C).), mid (170°F(75°C).), high (200°F(95°C).).

## Recommendations

Temperature	Food type
Low	Soft rolls, chips, empty dinner plates
Medium	Casseroles, pizza, vegetables, eggs, pastries, biscuits, hard rolls, gravies
High	Roasts, poultry, hamburgers, bacon, potatoes (baked)



### CAUTION:

Put the cooked food in heat-safe serving dish on the rack in the oven.  
Remove serving spoons etc. before placing dishes in the oven.

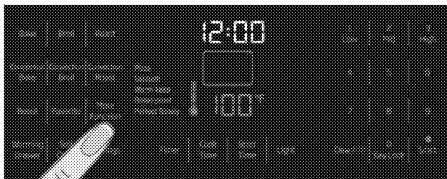


### WARNING:

#### Fire risk!

Do not store flammable material in the oven.

## Bread Proof



Only bottom heat is on. The bread proof mode can be used leavening of the bread and pizza dough or other yeast dough.

Use a bowl or a pan with lid or cover.

Proof dough on a single rack with bowl or a pan is positioned in the middle of the oven.

No preheat is necessary.

## Perfect Turkey



Top and bottom heat are on. The heat comes from top and bottom and is circulated throughout the oven by the convection fan. The perfect turkey mode can be used for whole or parts of turkey.

Roast turkey on a single rack with the pans are positioned in the middle of the oven.

When using the perfect turkey mode, preheat the oven for best results.

Always use a pan and grid (roasting tray or broiler tray) under whole or parts of Turkey. The pan catches grease spills.



### WARNING:

Do not cover meat or use roasting bags in this mode.



### IMPORTANT:

Maximum adjustable cooking time in modes is limited with 6 hours due to safety reasons. It is limited with 5 hours for Self Clean.



### IMPORTANT:

While adjusting any function, related symbols will flash on the display.



### IMPORTANT:

Program will be canceled in case of power failure. You must reprogram the appliance.

## How to operate the oven control unit

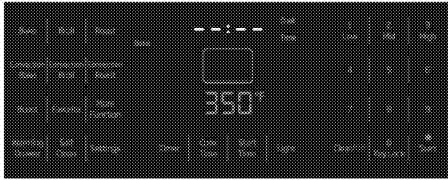
### Activating semi-automatic operation mode

In this operation mode, you may adjust the time period during which the oven will operate (cooking time).

1. Put your meal into the oven and close the oven door.
2. Select the desired oven function.
3. If you want to change the temperature adjust the temperature using numbers on the right side while °F or °C is flashing.
4. For cooking time, touch the 'Cook Time' key once.



- » Enter the cooking time using numbers on the right keypad while Cook and Time are flashing.
- Once the cooking time is set, Cook and Time symbols will appear on the display continuously.



- If cooking function, temperature and time values are suitable, touch Start to start cooking. Cooking starts and "ON" appears on the display.
  - » The oven will be heated up to the preset temperature and will maintain this temperature until the end of the cooking time you selected.

**i IMPORTANT:**  
All segments of the inner oven temperature symbol (1) will turn on when the oven reaches the set temperature.

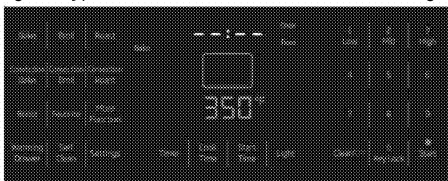
- After the cooking is completed, the oven will give an audible warning.
- To stop the alarm signal, just touch any key.

### Switch on fully automatic operation

In this operation mode you can adjust cooking time and end of cooking time.

- Put your meal into the oven and close the oven door.
- Select the desired oven function.
- If you want to change the temperature adjust the temperature using numbers on the right side while °F or °C is flashing.
- For cooking time, touch the 'Cook Time' key once.

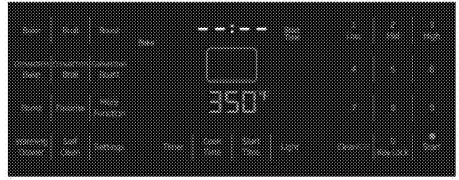
» Enter the cooking time using numbers on the right keypad while Cook and Time are flashing.



- Touch "Start Time" key once for end of cooking time. Enter end of cooking time

using numbers on the right while Start and Time are flashing.

- When end of cooking time is set, end of cooking time and the Start and Time symbols will appear on the display continuously.



- If cooking function, temperature, time and end of cooking time values are suitable, touch "Start" key to start cooking. "Cooking" appears on the display.
  - » Oven timer automatically calculates the startup time for cooking by deducting the cooking time from the end of cooking time you have set.
- Selected operation mode is activated when the startup time of cooking has come. "ON" appears on display and oven heats up to the adjusted temperature. It maintains this temperature until the end of the cooking time.

**i IMPORTANT:**  
All segments of the inner oven temperature symbol (1) will turn on when the oven reaches the set temperature.

- After the cooking is completed, the oven will give an audible warning.
- To stop the alarm signal, just touch any key.

**i IMPORTANT:**  
If you want to cancel the program after performing semi-automatic or automatic programming, you need to reset the cooking time. You can also switch off the oven by touching the "Clear/Off" key.

### Setting the booster(for only electric ovens) (Quick heating)

Use Booster (rapid pre-heating) function to make the oven reach the desired temperature faster.

**i IMPORTANT:**  
Booster cannot be selected in Warm Keep, Self Clean and Bread Proof cooking positions. Booster will be set by default in other positions. If you do not want to use Booster function, disable it by pressing 'Booster' key.

1. If cooking function, temperature and time values are suitable, touch Start to start cooking. Cooking starts and 'ON' appears on the display.
  - » 'Booster' disappears from the display as soon as the oven reaches the desired temperature and oven resumes operating in the function it was in before the Booster function.
2. Touch the 'Booster' key again in order to enable or disable booster function. If 'Booster' appears on the display, it means it is enabled. If not, it means it is disabled.

### Using the key lock

You can prevent oven from being intervened with by activating the key lock function.

**IMPORTANT:**  
Key lock can be enabled only when the oven is in Standby position and operating mode.

### Activating the key lock

Key lock is activated by pressing 0-Key Lock key amongst the numbers on the right of display for approximately 3 seconds.



### Deactivating the key lock

Key Lock is deactivated by pressing 0-Key Lock key amongst the numbers on the right of display for approximately 3 seconds.

**IMPORTANT:**  
Oven keys are not functional when the key lock function is activated. Key lock will be canceled in case of power failure.

### Using the timer as an alarm clock

You can use the timer of the product for any warning or reminder apart from the cooking program. The alarm clock has no influence on the functions of the oven. It is only used as a warning. For example, this is useful when you want to turn food in the oven at a certain point of time. Alarm clock will give a signal once the time you set is over.

**IMPORTANT:**  
Maximum alarm period can be 6 hours.

### To set the alarm:

Press 'Timer' key on display and set the desired alarm period by entering the alarm period using the numbers on the right of the display. It will be activated after about 10 seconds when no key is pressed.

After the alarm period is over, 'Timer' will start flashing and an alarm signal is heard. To stop the alarm signal, just touch any key.



### To cancel the alarm:

Touch 'Timer' key when alarm is set. When you set the time to 00:00, the alarm will be canceled about 10 seconds later and 'Timer' symbol on display will disappear.

### Turning the light on and off

Every time you touch 'Light' key on display, it will be turned on if it is off or vice versa.

**IMPORTANT:**  
If Self Clean is active, light will be off at all times. Pressing 'Light' key does not change this.

**IMPORTANT:**  
If internal temperature of the oven exceeds 572°F, light will be off at all times. Pressing 'Light' key does not change this.

**IMPORTANT:**  
While oven functions are on, all heaters will be switched off when Clear/Off key is pressed.

**IMPORTANT:**  
If oven door is opened when turbo fan is on, turbo fan will be stopped.



**IMPORTANT:**  
If oven door is opened when an oven function is active, all heaters will be deactivated after about 30 seconds.

There are lights on keys. Descriptions of these lights are given in the table below

## Using the Favorite Mode

### Saving the Favorite Function

When a cooking function is on display, current values will be saved as your favorite meal when you touch "Favorite" key for about 3 seconds.

	<b>IMPORTANT:</b> 1 menu will be saved as Favorite meal. Therefore, when you save a new meal, previously saved meal will be deleted and the latest will be stored.
	<b>IMPORTANT:</b> Bake and Set values are preset as "Favorite" meal in the initial setup.

### Selecting the favorite menu

Favorite menu will appear on display when you touch "Favorite" key for 1 second when the oven is on.

Touch the 'Start' key to activate cooking.

### Standby position of timer

Once the time of the day is set up on the unit, timer display will show the time and the manual cooking symbol will be lit, indicating that the unit is in Standby position. Manual cooking symbol will always be on the display when the unit is not in use. Neither any indicators nor any heater elements on the unit are active at this position. This indicates that oven can be operated manually without setting the timer. If you wish to make a programmed cooking operation in the oven, please follow the steps to activate the oven timer on page 27.



### OFF position of timer

You can bring the timer to the OFF position. At OFF position even turn on the function knob, timer do not allow heaters on. To set timer to the OFF position when it is at Standby mode:

1. Press to button 2.
2. If you cannot see 0:00 on display, by pressing 5 and 6 buttons adjust it to 0:00.

3. If you see already 0:00 on the display, by pressing button 6 make display 0:01. Then by pressing button 5 make it 0:00 again.
4. You will hear alarm sound. Press button 3 to switch off the alarm sound. You will see "AUTO" is blinking and the display shows time of the day.

Now timer is in OFF position. It is the same position when you first time connect your product to the main supply. First cleaning of supply.

## Cooking times table



### IMPORTANT:

The values indicated in the table below are data indicative. They may vary according to the type of food as well as your preferences of cooking.



### IMPORTANT:

Level 1 is the **bottom** level in the oven.

## Baking and roasting

Food	Cooking Mode	Oven Temperature (°F)	Number of Racks	Rack Position	Time (min.)	Pan Size&Type	Explanation
Sponge Cake	Bake	350/175	Single	3	20-30	8" or 9" (200-230 mm) round	The cakes are positioned in the middle of the oven. Bake foods with 1" (25mm) to 1.5" (38mm) space between pans and oven walls.
Sponge Cake	Convection Bake	325/160	Multiple	3&5	20-30	8" or 9" (200-230 mm) round	The cakes are positioned with the top rack cakes towards the back of the oven and the lower rack cakes towards the front of the oven. Bake foods with 1" (25mm) to 1.5" (38mm) space between pans and oven walls.
Loaf (leavened*)	Bake	400/205	Single	3	30-40	Baking tray	-
Loaf (leavened*)	Convection Bake	400/205	Single	3	25-35	Baking tray	-
Puff pastry	Convection Bake	375/190	Multiple	3&5	15-20	Cookie sheet	The sheets are positioned with the top rack sheet towards the back of the oven and the lower rack sheet towards the front of the oven. Bake foods with 1" (25mm) to 1.5" (38mm) space oven walls.
Fresh pizza, thin	Pizza	425/220	Single	2	8-15	Pizza pan or Baking tray	-
Fresh pizza, thick	Pizza	425/220	Single	2	12-20	Pizza pan or Baking tray	-
Frozen pizza, thick	Pizza	425/220	Single	2	10-15	Pizza pan or Baking tray	-
Chicken, whole (4-4.5 lbs.)	Convection Roast	375/190	Single	2	120-140	Roasting pan or broiler tray	Minimum internal temperature is 180°F (82 °C) in thigh
Turkey, whole, unstuffed (18-20 lbs.)	Perfect Turkey	325/160	Single	1	150-180	Roasting pan	Minimum internal temperature is 180°F (82 °C) in thigh. Foil the top surface of turkey to prevent over-browning in last 30 minutes of the cooking, if necessary.
Sirloin, boneless (4-4.5 lbs.)	Convection Roast	325/160	Single	3	90-120	Broiler tray	Internal temperature is 145°F (62 °C) (medium rare), 160°F (71 °C) (medium)
Toast bread	Broil	High	Single	5	2-2:30	Broiler tray	Place broiler tray centrally located with respect to the heating element.
Chicken thigh (2-2.5 lbs)	Broil	High	Single	4	Side 1: 16-20 Side 2: 8-12	Broiler tray	Place broiler tray centrally located with respect to the heating element. Minimum internal temperature is 180°F (82 °C) in thigh.
Chicken thigh (2-2.5 lbs)	Broil	Mid	Single	4	Side 1: 20-24 Side 2: 14-16	Broiler tray	Place broiler tray centrally located with respect to the heating element. Minimum internal temperature is 180°F (82 °C) in thigh.
Ground beef	Broil	High	Single	4	Side 1:	Broiler tray	Place broiler tray centrally located with

(0.3"-0.5" thick, 6 patties)					5-7 Side 2: 3-5		respect to the heating element.
Hamburger, frozen (0.3"-0.5" thick, 6 patties)	Broil	High	Single	4	Side 1: 7-10 Side 2: 2-4	Broiler tray	Place broiler tray centrally located with respect to the heating element.
*Leavening	Bread Proof	100/40	Single	3	30-40	Bowl or pan with cover	

\*\*It is suggested to perform preheating for all foods cooking.  
It is suggested to perform 5-6 minutes preheating for all foods broiling.

(\*\*) For preheating, set the required temperature, the thermostat lamp will go out when the required temperature is reached.

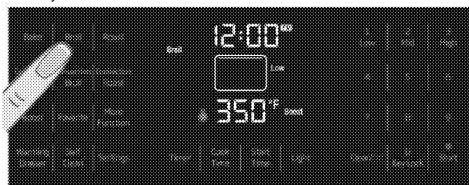
### How to operate the broil

**i IMPORTANT:**  
Before using the oven the clock time must be set. If the clock time is not set, the main oven will not work.

**WARNING:**  
Hot surfaces may cause burns!  
Close oven door during broiling.

### Switch on broil

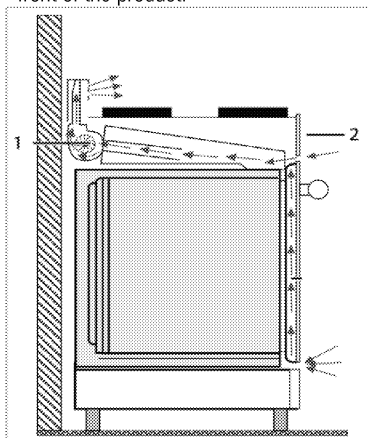
1. Touch to "Broil" the function knob onto the broil symbol.



2. Set broil mode. The broil mode has three settings: low (350°F), mid (450°F), high (550°F).
3. Preheat for approximately 5 minutes, if it is necessary.

### For equipment with a cooling fan

The cooling fan cools both the built-in cabinet and the front of the product.



- 1 Cooling fan
- 2 Control panel

**i IMPORTANT:**  
The cooling fan continues to operate for about 20-30 minutes after the oven is switched off.

## 6 Maintenance and care

### General information

Service life of the product will extend and the possibility of problems will decrease if the product is cleaned at regular intervals.



**DANGER:**

**Risk of electric shock!**

Switch off the electricity before cleaning appliance to avoid an electric shock.



**DANGER:**

**Hot surfaces may cause burns!**

Allow the appliance to cool down before you clean it.



**IMPORTANT:**

The surface might get damaged by some detergents or cleaning materials.

Do not use aggressive detergents, cleaning powder/cream or any sharp objects. Do not use aggressive detergents, cleaning powder/cream or any sharp objects.

- Clean the appliance thoroughly after each use; in this way it will be possible to remove cooking residues more easily, thus avoiding these from burning the next time the appliance is used.



**IMPORTANT:**

No special cleaning agents are required for cleaning the appliance. It is recommended to use warm water with washing liquid, a soft cloth or sponge and use a dry cloth for drying.

- **Do not use any abrasive cleaning materials!**



The surface might get damaged by some detergents or cleaning materials.

Do not use aggressive detergents, cleaning powders/creams or any sharp objects during cleaning.

Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.



**WARNING:**

Do not use steam cleaners to clean the appliance as this may cause an electric shock.

### Cleaning the burner/plate

#### Ceramic hobs

Always rinse off fully with a clean cloth wrung out in clean water (as residue could damage the ceramic glass surface next time the hob is used). In no case should crusts be scratched off with serrated edge knives, steel wool or the like. Remove calcium stains (yellow staining) with small amounts of decalcifying agents such as Durgol, vinegar or lemon juice.

Do not allow vinegar, coffee, milk, saltwater, lemon or tomato juice to remain in contact with enamel parts (i.e. inside the oven).

Apply agent with a sponge and, in the event of heavier soiling, let it work in for a longer period of time. Afterwards, wash off hob with water.



**WARNING:**

Sugar-based food such as custard and syrup should immediately be scraped off without waiting for the surface to cool down. Otherwise the burner/plate may be permanently damaged.

### Cleaning the control panel

Clean the control panel and knobs with a damp cloth and wipe them dry.



**IMPORTANT:**


Damage of the control panel!

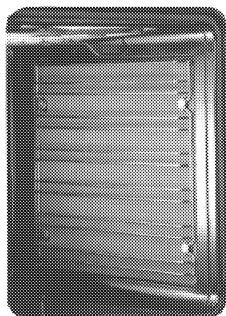
Do not remove the control knobs for control panel cleaning.

### Cleaning the oven


No oven cleaner or any other special cleaning agent is required for cleaning the oven. It is recommended to wipe the oven with a damp cloth while it is still warm.


**To clean the side wall**, unscrew the 4 screws on the steel rack. After cleaning operation, assemble the steel rack to the oven body again. Do not damage the balancing stands when cleaning the cast grill.


 **WARNING:**  
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.



### Self-cleaning function

 **WARNING:**  
If the oven is hot, self cleaning mode cannot be operated until the oven is cold. If the self cleaning mode malfunctions (power cut), turn the oven off and disconnect the power supply, and call the service.

 **DANGER:**  
Hot surfaces cause burns!  
Do not touch the product during self cleaning step and keep children away from it. Keep at least 30 minutes before removing the remnants.

 **WARNING:**  
The oven is equipped with self-cleaning function. The oven is heated to approx. 790 °F and existing dirt is burned to ashes. A strong smoke development may arise. Provide for good ventilation.

The self-cleaning should be used after approx. every 10th oven usage.


The self-cleaning has three levels. It can be selected according to level of dirtiness.


**Low level (Low):** it takes 3 hours.


**Medium Level (Mid):** it takes 4 hours.


**High Level (High):** it takes 5 hours.

 **WARNING:**  
Remove all accessories from the oven.

 **WARNING:**  
If the self-cleaning mode malfunctions, turn the oven off and disconnect the power supply. Have it serviced by a qualified technician.


 **WARNING:**  
Before operating the self-clean cycle, Wipe grease and food soils from the oven. Excessive amount of grease may ignite, leading to smoke damage to your home.

 **WARNING:**  
Do not clean the door gasket. Fiberglass gasket is highly sensitive and can get damaged easily. In case of a damage on the oven door gasket, replace with the new one from the authorized service.

 **WARNING:**  
Before operating the self-clean cycle, remove dirt from exterior surfaces and oven interior with a damp cloth, wipe grease and food soils from the oven. Excessive amount of grease may ignite, leading to smoke damage to your home. Remove all accessories from the oven.

1. Before the self-cleaning cycle, remove dirt from exterior surfaces and oven interior with a damp cloth.
2. Keep the function knob pressed and turn it clockwise to desired level of "Clean". (Low, Mid or High).

This duration cannot be changed.

 **WARNING:**  
The health of some birds and pets is extremely sensitive to the fumes given off during the Self-Cleaning cycle. Always move birds and pets to another closed and well ventilated room. Keep the kitchen well-ventilated during the Self-Cleaning cycle also for your health.

3. If there is a fire in the oven during self-clean, turn the oven off and wait for the fire to go out. Do not force the door open. Introduction of fresh air at self-clean temperatures may lead to a burst of flame from the oven. Failure to follow this instruction may result in severe burns.

**CAUTION:**  
After a clean cycle, remove soil deposits with vinegar water.

**i** During the Self-Cleaning cycle, the electrical flow to hob burners will be cut. After turning the function and thermostat knob to off position, the door lock will be automatically opened. When the oven gets cool, the electrical flow to hob burners will be started.

**i** During the Self-Cleaning cycle, the lamp cannot be operated.

**WARNING:**  
If there is a fire in the oven during self-clean, turn the oven off and wait for the fire to go out. Do not force the door open. Introduction of fresh air at self-clean temperatures may lead to a burst of flame from the oven. Failure to follow this instruction may result in severe burns.

### Clean oven door

To clean the oven door, use warm water with washing liquid, a soft cloth or sponge to clean the product and wipe it with a dry cloth.

**i** Don't use any harsh abrasive cleaners or sharp metal scrapers for cleaning the oven door. They could scratch the surface and destroy the glass.

### Removing the oven door

When removing the oven door, make sure oven is cool and power to the oven has been turned off before removing the door.

Failure to do so could result in electrical shock or burns.

The oven door is heavy and parts of it are fragile. Use both hands to remove the oven door. The door front is glass. Handle carefully to avoid breakage.

Grasp only the sides of the oven door. Do not grasp the handle as it may swing in your hand and cause damage or injury.

Failure to grasp the oven door firmly and properly could result in personal injury or product damage.

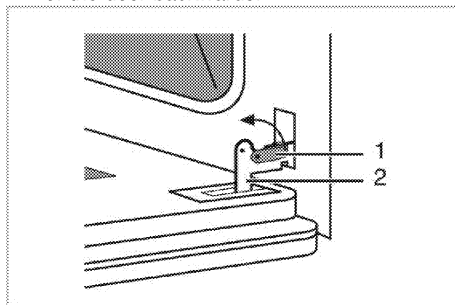
To avoid injury from hinge bracket snapping closed, be sure that both levers are securely in place before removing the door. Also, do not

force door open or closed—the hinge could be damaged and injury could result.

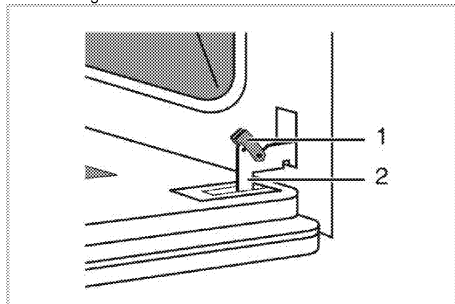
Do not lay removed door on sharp or pointed objects as this could break the glass. Lay on a flat, smooth surface, positioned so that the door cannot fall over.

Oven door can be removed in order to clean the inside of oven easily

1. Open the oven door completely.
2. Press the hinge clamps located at both sides of the door backwards.



- 1 Hinge clamp
- 2 Hinge



3. Move the oven door to a slightly inclined position.
4. Raise the oven door forwards with your two hands.
5. Once you complete cleaning, perform the same procedure in reverse order to reinstall the oven door.

**i** Once you complete cleaning, perform the same procedure in reverse order to reinstall the oven door.



## Replacing the oven lamp



### DANGER:

Before replacing the oven lamp, make sure that the product is disconnected from mains and cooled down in order to avoid the risk of an electrical shock.  
Hot surfaces may cause burns!

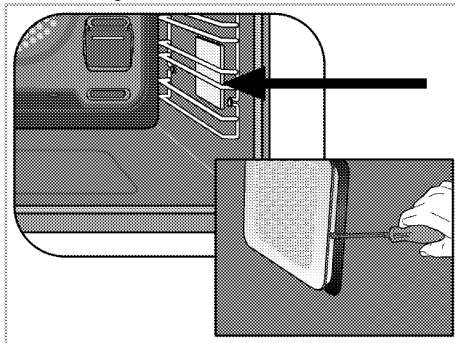


The oven lamp is a special electric light bulb that can resist up to 300°C (573 °F). See *Technical specifications* for details. Oven lamps can be obtained from Authorised Service Agents or technician with license.



Position of lamp might vary from the figure.

1. Turn off power at the main power supply (your fuse or breaker box).
2. Remove the wire racks as described. See *Cleaning the oven*.



3. Remove the protective glass cover with a screwdriver.
4. Pull out oven lamp and replace it with new one.
5. Install the glass cover and then the wire racks.

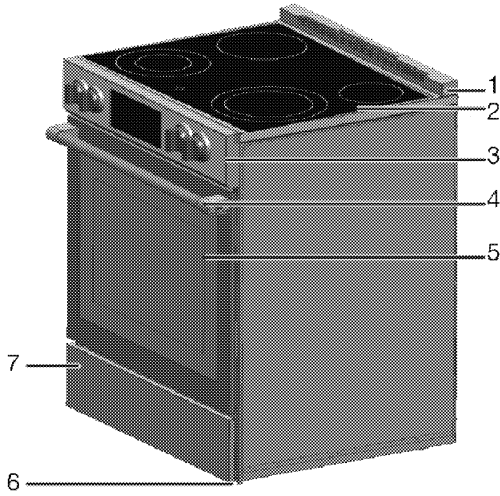
### If your oven is equipped with a square lamp:

The oven lights can be illuminated with lamp button. The lights are switched on when the door is opened or when the oven is in a cooking cycle. The oven lights are not illuminated during self clean. Each light assembly consist of a removable lens, a light bulb as well as a light socket housing that is fixed in place. Light bulb replacement is considered to be a routine maintenance item.

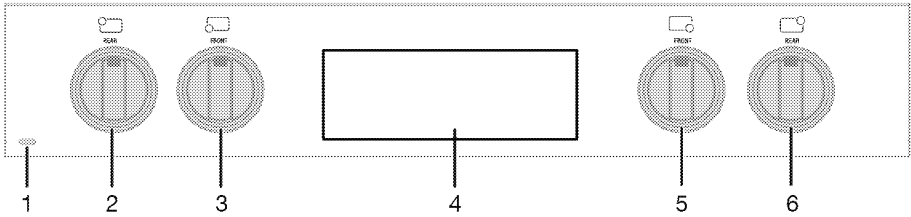
The oven lights are not illuminated during self clean.

# 7 General information

## Overview



- |   |               |   |            |
|---|---------------|---|------------|
| 1 | Splashback    | 5 | Front door |
| 2 | Burner plate  | 6 | Foot       |
| 3 | Control panel | 7 | Lower part |
| 4 | Handle        |   |            |



- |   |  |   |   |
|---|--|---|---|
| 1 | Signal lamp hob                        | 4 | Digital Timer                           |
| 2 | Single-circuit cooking plate Rear Left | 5 | Dual-circuit cooking plate Front Right  |
| 3 | Dual-circuit cooking plate Front Left  | 6 | Single-circuit cooking plate Rear Right |

## Technical specifications

GENERAL	
Outer dimensions (height/width/depth)	36 x 29 <sup>13/16</sup> x 29 <sup>1/8</sup> inches
Voltage / frequency	220- 240V~60Hz 2AC~N
Total electric power	12 kW
Fuse protection	Min. 40 A
Cable type / cross section	SRDT 8/3 + 10/1 AWG
Cable length	max. 6ft
Burners – BERU30420CSS	
Rear left	Single-circuit cooking plate
Size	8 inches (200 mm)
Power	2030 W
Front left	Dual-circuit cooking plate
Size	5-8 inches (130-200 mm)
Power	700-2050 W
Front right	Dual-circuit cooking plate
Size	9-12 inches (230-300 mm)
Power	1670-2780 W
Rear right	Single-circuit cooking plate
Size	6 inches (150 mm)
Power	1400 W
Main oven	Multifunction oven
Inside illumination	
Bake	2240 W
Broil	3320 W
Convection Roast	3670 W
* Powers are for 230 V 2AC ~ N	



Technical specifications may be changed without prior notice to improve the quality of the product.



Figures in this manual are schematic and may not exactly match your product.



Values stated on the product labels or in the documentation accompanying it are obtained in laboratory conditions in accordance with relevant standards. Depending on operational and environmental conditions of the product, these values may vary.

## Package contents



### WARNING:

Pull the oven rack to the stop-lock position when loading and unloading food from the oven. This helps prevent burns from touching hot surfaces of the door and oven walls.



### CAUTION:

When you are using a rack in the lowest position (A), you will need to use caution when pulling the rack out. We recommend that you pull the rack out several inches and then, using two pot holders, pull the rack out by holding the sides of it. The rack is low and you could be burned if you place your hand in the middle of the rack and pull all the way out. Be very careful not to burn your hand on the door when using the rack in the lowest position (A).

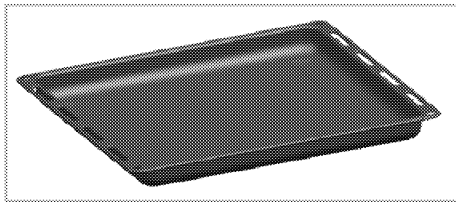


Accessories supplied can vary depending on the product model. Not every accessory described in the user manual may exist on your product.

1. **User manual**

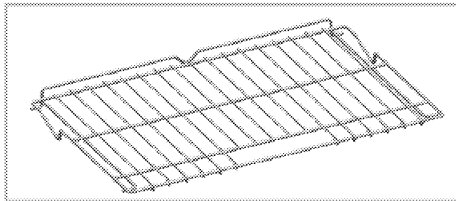
2. **Oven tray**

Used for pastries, frozen foods and big roasts.



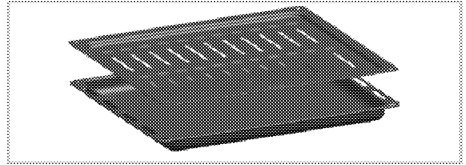
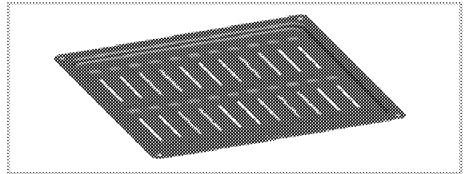
3. **Wire Shelf**

Used for roasting and for placing the food to be baked, roasted or cooked in casserole dishes to the desired rack.



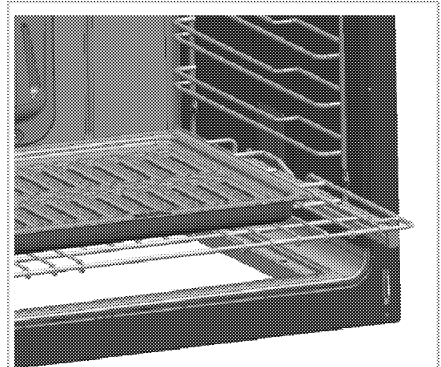
4. **Broiler tray**

It is placed onto the tray in order to collect the dripping fat while grilling so that the oven is kept clean.



5. **Placing the wire shelf and tray onto the telescopic racks properly**

Telescopic racks allow you to install and remove the trays and wire shelf easily. When using the tray and wire shelf with telescopic racks, make sure that the pins at the rear section of the telescopic rack stands against the edges of the wire shelf and tray.



## 8 Troubleshooting

### **Oven emits steam when it is in use.**

- It is normal that steam escapes during operation. >>> *This is not a fault.*

### **Product emits metal noises while heating and cooling.**

- When the metal parts are heated, they may expand and cause noise. >>> *This is not a fault.*

### **Product does not operate.**

- The mains fuse is defective or has tripped. >>> *Check fuses in the fuse box. If necessary, replace or reset them.*
- Product is not plugged into the (grounded) socket. >>> *Check the plug connection.*
- Buttons/knobs/keys on the control panel do not function. >>> *Keylock may be enabled. Please disable it. (See. Using the keylock, page*

### **Oven light does not work.**

- Oven lamp is defective. >>> *Replace oven lamp.*
- Power is cut. >>> *Check if there is power. Check the fuses in the fuse box. If necessary, replace or reset the fuses.*

### **Oven does not heat.**

- Function and/or Temperature are not set. >>> *Set the function and the temperature with the Function and/or Temperature knob/key.*
- In models equipped with a timer, the timer is not adjusted. >>> *Adjust the time.* (In products with microwave oven, timer controls only microwave oven.)
- Power is cut. >>> *Check if there is power. Check the fuses in the fuse box. If necessary, replace or reset the fuses.*

### **(In models with timer) Clock display is blinking or clock symbol is on.**

- A previous power outage has occurred. >>> *Adjust the time / Switch of the product and switch it on again.*

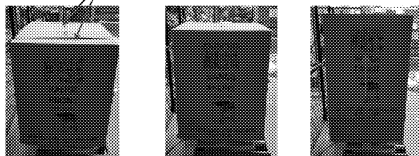


Consult the Authorised Service Agent or the dealer where you have purchased the product if you can not remedy the trouble although you have implemented the instructions in this section. Never attempt to repair a defective product yourself.

## 9 Removing the Package

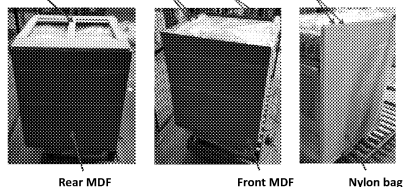
1

Ribbon



2

Upper Frame



Rear MDF

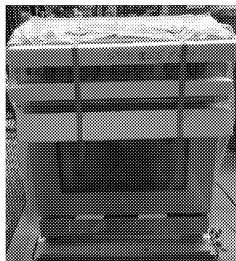
Front MDF

Nylon bag

A: 18x40 Wooden support

Remove upper frame and rear and front MDFs.

3



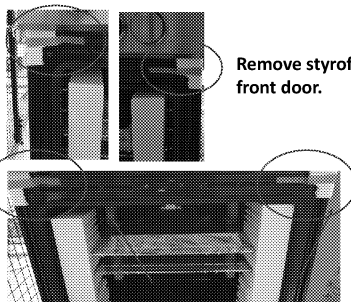
Remove cut-out styrofoams and blue tapes.

4



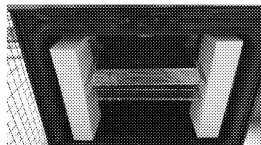
Remove nylon bag on the product.

5

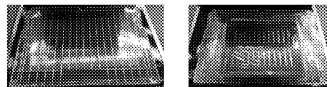


Remove styrofoams of the front door.

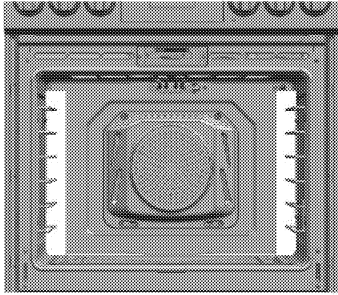
6



Remove grill styrofoams and shrink packaging.

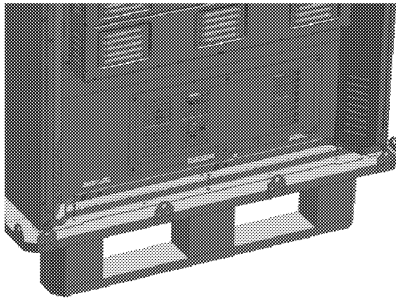


7



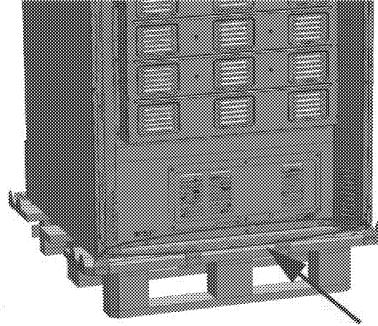
Remove protective styrofoams on rear side.

8



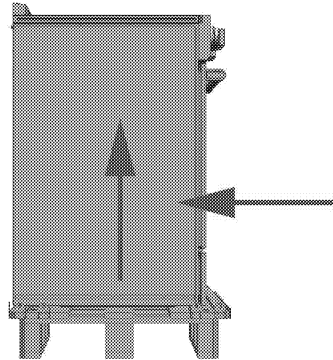
Remove screws.

9



Remove this metal support

10



# 10 WARRANTY STATEMENT FOR BLOMBERG ELECTRIC AND GAS RANGES

The warranties provided by Blomberg in these statements only apply to Blomberg electric and gas ranges sold to the original purchaser or homeowner in the US and Canada. This warranty is not transferable.

To obtain warranty service, please contact our nearest distributor as listed by state or call 1800-459-9848. You will need your electric and gas range model number, serial number, retailer name and address, where purchased and purchase date / installation date.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

All warranties stated below are based upon normal household use. The use of the product in a commercial setting will void all warranties.

Service must also be performed by an authorized Blomberg Service Agency.

Cosmetic defects must be reported within 10 business days from installation

1 year \* limited warranty from date of first installation Blomberg will repair or replace at no cost to the consumer any defective parts of the electric and gas ranges

2 year \* ++ limited warranty from date of first installation (Parts only) Blomberg will repair or replace any parts at no cost to the consumer if material defects or workmanship have caused the damage or failure of these components. Labor charges are the responsibility of the consumer

2-5 year \* ++ limited warranty from date of first installation (Parts only) Blomberg will repair or replace oven cavity at no cost to the consumer if material defects or workmanship have caused the damage or failure of these components. Labor charges are the responsibility of the consumer

Disclaimers of warranties and exclusions:

Warranty does not cover service costs by an authorized service agent to correct installation, electrical problems or educational instruction on the use of the electric and gas ranges. The warranty also does not cover defects or damage caused by an act of god (such as storms, floods, fires, mudslides, etc.), damage cause by use of the electric and gas ranges for purposes other than those for which it was designed, misuse, abuse, accident, alteration, improper installation, maintenance, travel fees, service calls outside normal service hours, unauthorized service work or work.

This product is fully tested and went through official quality assurance inspections before leaving the original manufacturing site. Warranty



terms for this Blomberg household appliance is not valid if the product is altered, tampered, modified, additional parts assembled, fixed and re-packed by an authorized distributor, servicer, a third party retailer, reseller or by any other unauthorized person(s).

TO THE EXTENT PERMITTED BY LAW, THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESSED AND IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. BLOMBERG UNDERTAKES NO RESPONSIBILITY FOR THE QUALITY OF THIS PRODUCT EXCEPT AS OTHERWISE PROVIDED IN THIS WARRANTY STATEMENT. BLOMBERG ASSUMES NO RESPONSIBILITY THAT THE PRODUCT WILL BE FIT FOR ANY PARTICULAR PURPOSE FOR WHICH YOU MAY BE BUYING THIS PRODUCT, EXCEPT AS OTHERWISE PROVIDED IN THIS WARRANTY STATEMENT.

Blomberg does not assume any responsibility for incidental or consequential damages. Such damages include, but are not limited to, loss of profits, loss of savings or revenue, loss of use of the cooker or any associated equipment, cost of capital, cost of any substitute equipment, facilities or services, downtime, the claims of third parties, and injury to property. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusion may not apply to you.

\* installation date shall refer to either purchase date or 5 business days after delivery of the product to the home, whichever is later.

++Parts replaced will assume the identity of the original parts + their original warranty.

No Other Warranties. This Warranty Statement is the complete and exclusive warranty from the manufacturer. No employee of Blomberg or any other party is authorized to make any warranty statements in addition to those made in this Warranty Statement.

Please keep this warranty card, user manual and your sales slip for future reference.

#### HOW TO GET SERVICE

Please contact the Distributor for your State or Province as listed on the Distributor Contact List, or call our Toll Free Number at 1 800 459 9848 for direction to an Authorized Blomberg Service Agent. 0201





