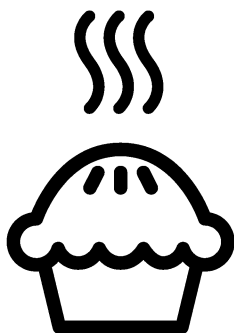




Oven
User Manual



FSM66100GX

EN

285.3045.68/R.AB/2.04.2020
7786586202

Please read this user manual first!

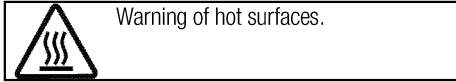
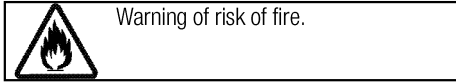
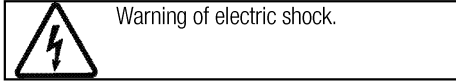
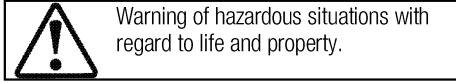
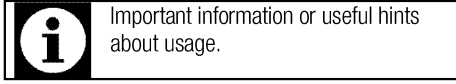
Dear Customer,

Thank you for purchasing this Beko product. We hope that you get the best results from your product which has been manufactured with high quality and state-of-the-art technology. Therefore, please read this entire user manual and all other accompanying documents carefully before using the product and keep it as a reference for future use. If you handover the product to someone else, give the user manual as well. Follow all warnings and information in the user manual.

Remember that this user manual is also applicable for several other models. Differences between models will be identified in the manual.

Explanation of symbols

Throughout this user manual the following symbols are used:



Arçelik A.Ş.
Karaağaç caddesi No:2-6
34445 S tl ce/Istanbul/TURKEY
Made in TURKEY

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1 Important instructions and warnings for safety and environment

This section contains safety instructions that will help protect from risk of personal injury or property damage. Failure to follow these instructions shall void any warranty.

General safety

- 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.

- The appliance is not to be used 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. Children should be supervised and ensure they do not play with the appliance
- If the product is handed over to someone else for personal use or second-hand use purposes, the

user manual, product labels and other relevant documents and parts should be also given.

- Never place the product on a carpet-covered floor. Otherwise, lack of airflow beneath the product will cause electrical parts to overheat. This will cause problems with your product.
- Installation and repair procedures must always be performed by Authorised Service Agents. The manufacturer shall not be held responsible for damages arising from procedures carried out by unauthorised persons which may also void the warranty. Before installation, read the instructions carefully.
- Do not operate the product if it is defective or has any visible damage.
- Ensure that the product function knobs are switched off after every use.

Electrical safety

- If the product has a failure, it should not be operated unless it is repaired by an Authorised Service Agent. There is the risk of electric shock!
- Only connect the product to a grounded outlet/line with the

voltage and protection as specified in the “Technical specifications”. Have the grounding installation made by a qualified electrician while using the product with or without a transformer. Our company shall not be liable for any problems arising due to the product not being earthed in accordance with the local regulations.

- Never wash the product by spreading or pouring water onto it! There is the risk of electric shock!
- The product must be disconnected during installation, maintenance, cleaning and repairing procedures.
- If the power connection cable for the product is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The appliance must be installed so that it can be completely disconnected from the mains supply. The separation must be provided by a switch built into the fixed electrical installation, according to construction regulations.
- 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.

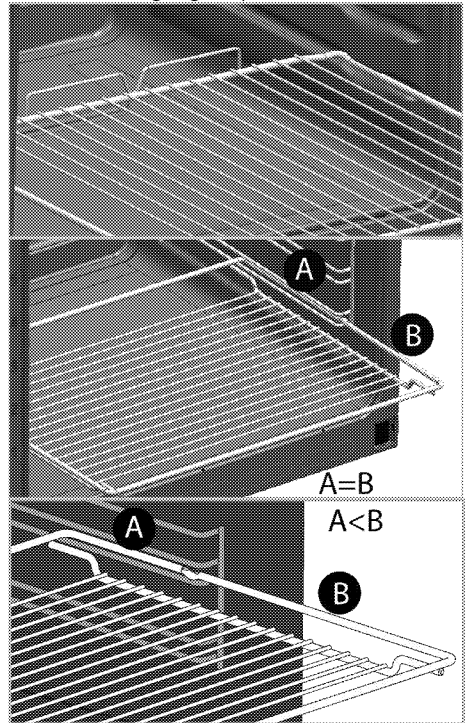
- Do not trap the mains cable between the oven door and frame and do not route it over hot surfaces. Otherwise, cable insulation may melt and cause fire as a result of short circuit.
- Any work on electrical equipment and systems should only be carried out by authorised and qualified persons.
- In case of any damage, switch off the product and disconnect it from the mains. To do this, turn off the fuse at home.
- Make sure that fuse rating is compatible with the product.

Product safety

- **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.
- Never use the product when your judgment or coordination is impaired by the use of alcohol and/or drugs.
- Be careful when using alcoholic drinks in your dishes. Alcohol evaporates at high temperatures and may cause fire since it can ignite when it comes into contact with hot surfaces.

- 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.
- Do not place any flammable materials close to the product as the sides may become hot during use.
- During use the appliances becomes hot. Care should be taken to avoid touching heating elements inside the oven.
- Keep all ventilation slots clear of obstructions.
- Do not heat closed tins and glass jars in the oven. The pressure that would build-up in the tin/jar may cause it to burst.
- Do not place baking trays, dishes or aluminium foil directly onto the bottom of the oven. The heat accumulation might damage the bottom of the oven.
- 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.
- Do not use steam cleaners to clean the appliance as this may cause an electric shock.
- (Varies depending on the product model.)

Placing the wire shelf and tray onto the wire racks properly
 It is important to place the wire shelf and/or tray onto the rack properly. Slide the wire shelf or tray between 2 rails and make sure that it is balanced before placing food on it (Please see the following figure).



- Do not use the product if the front door glass removed or cracked.
- Always use heat resistant oven gloves when putting in or removing dishes into/from the hot oven.
- Place the baking paper into the cooking pot or on to the oven accessory (tray, wire grill etc)

together with the food and then insert all into the preheated oven. Remove the excess parts of the baking paper overflowing from the accessory or the pot in order to prevent the risk of touching the oven's heating elements. Never use the baking paper in an operating temperature higher than the indicated value for the baking paper. Do not place the baking paper directly on the base of the oven.

- **WARNING:** Ensure that power cord of the appliance is unplugged or circuit breaker is switched off before replacing the lamp to avoid the possibility of electric shock.
- Do not close the top cover before the hotplates or burners cool down.
Wipe the top cover dry before opening it in order to avoid water leakage to the rear and inner sections of the oven.
- The appliance must not be installed behind a decorative door in order to avoid overheating.
- Product must be placed directly on the floor. It must not be placed onto a base or a pedestal.
- **WARNING:** Unattended cooking on a hob with fat or oil can be dangerous and may result in fire. NEVER try to extinguish a fire with

water, but switch off the appliance and then cover flame e.g. with a lid or a fire blanket.

- **CAUTION:** The cooking process has to be supervised. A short term cooking process has to be supervised continuously.
- **WARNING:** Danger of fire: Do not store items on the cooking surfaces.
- The appliance is not intended to be operated by means of an external timer or separate remote-control system.
- **WARNING:** Use only hob guards designed by the manufacturer of the cooking appliance or indicated by the manufacturer of the appliance in the instructions for use as suitable or hob guards incorporated in the appliance. The use of inappropriate guards can cause accidents.

Prevention against possible fire risk!

- Ensure all electrical connections are secure and tight to prevent risk of arcing.
- Do not use damaged cables or extension cables.
- Ensure liquid or moisture is not accessible to the electrical connection point.

Intended use

- This product is designed for domestic use. Commercial use will void the guarantee.

- **CAUTION:** This appliance is for cooking purposes only. It must not be used for other purposes, for example room heating.
- This product should not be used for warming the plates under the grill, drying towels, dish cloths etc. by hanging them on the oven door handles. This product should also not be used for room heating purposes.
- The manufacturer shall not be liable for any damage caused by improper use or handling errors.
- The oven can be used for defrosting, baking, roasting and grilling food.

Safety for children

- **WARNING:** Accessible parts may become hot during use. Young children should be kept away.
- 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.
- Electrical products are dangerous to children. Keep children away from the product when it is operating and do not allow them to play with the product.
- Do not place any items above the appliance that children may reach for.

- When the door is open, do not load any heavy object on it and do not allow children to sit on it. It may overturn or door hinges may get damaged.

Disposing of the old product

Compliance with the WEEE Directive and Disposing of the Waste Product:



This product complies with EU WEEE Directive (2012/19/EU). This product bears a classification symbol for waste electrical and electronic equipment (WEEE).

This product has been manufactured with high quality parts and materials which can be reused and are suitable for recycling. Do not dispose of the waste product with normal domestic and other wastes at the end of its service life. Take it to the collection center for the recycling of electrical and electronic equipment. Please consult your local authorities to learn about these collection centers.

Compliance with RoHS Directive:

The product you have purchased complies with EU RoHS Directive (2011/65/EU). It does not contain harmful and prohibited materials specified in the Directive.

Package information

- Packaging materials of the product are manufactured from recyclable materials in accordance with our National Environment Regulations. Do not dispose of the packaging materials together with the domestic or other wastes. Take them to the packaging material collection points designated by the local authorities.

Future Transportation

- Keep the product's original carton and transport the product in it. Follow the instructions on the carton. If you do not have the original carton, pack the product in bubble wrap or thick cardboard and tape it securely.
- To prevent the wire grill 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.

- Do not use the door or handle to lift or move the product.



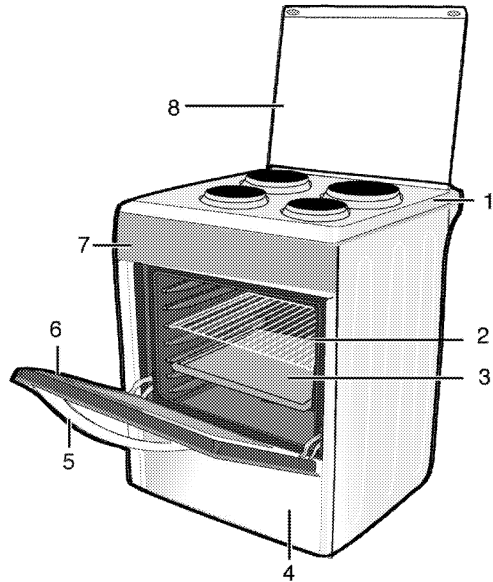
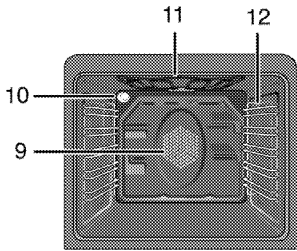
Do not place any objects onto the product and move it in upright position.



Check the general appearance of your product for any damages that might have occurred during transportation.

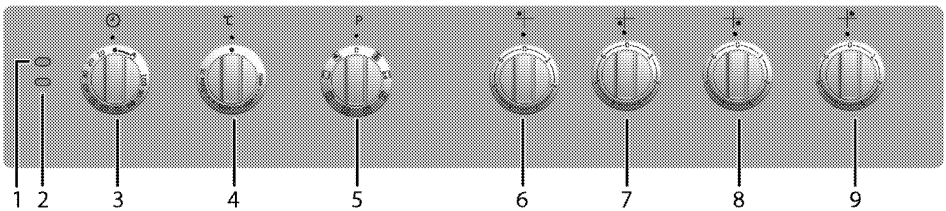
2 General information

Overview



- 1 Burner plate
- 2 Wire shelf
- 3 Tray
- 4 Lower part
- 5 Handle
- 6 Front door

- 7 Control panel
- 8 Top lid
- 9 Fan motor (behind steel plate)
- 10 Lamp
- 11 Grill heating element
- 12 Shelf positions



- 1 Warning lamp
- 2 Thermostat lamp
- 3 Mechanical timer
- 4 Thermostat knob
- 5 Function knob

- 6 Hotplate Rear left
- 7 Hotplate Front left
- 8 Hotplate Front right
- 9 Hotplate Rear right

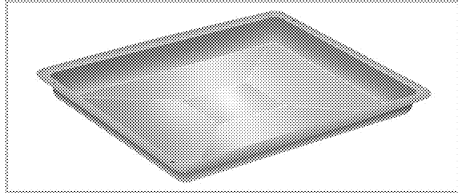
Package contents



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

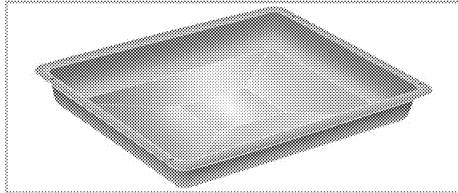
1. **User manual**
2. **Standard tray**

Used for pastries, frozen foods and big roasts.



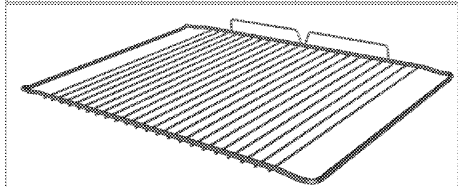
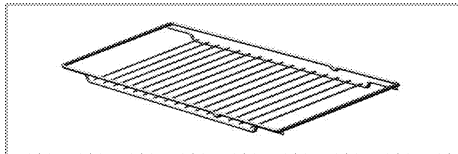
3. **Deep tray**

Used for pastries, large roasts, juicy dishes, and for collecting the fat while grilling.



4. **Wire grill**

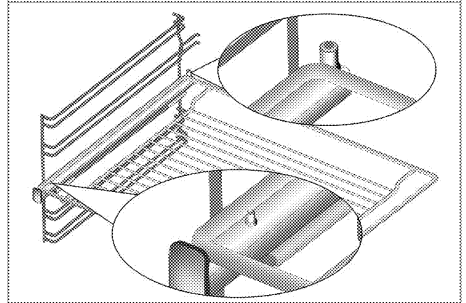
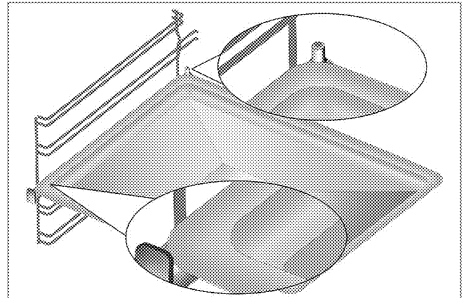
Used for roasting and for placing the food to be baked, roasted or cooked in casserole dishes to the desired rack.



5. **Placing the wire shelf and tray onto the telescopic racks properly**
(This feature is optional. It may not exist on your product.)

Telescopic racks allow you to install and remove the trays and wire shelf easily.

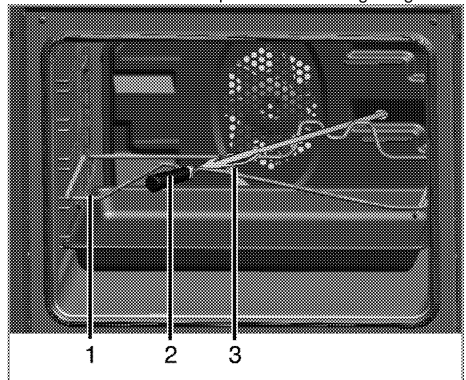
When using the tray and wire shelf with telescopic racks, make sure that the pins at the rear section of the telescopic rack stands against the edges of the wire shelf and tray.



6. **Rotisserie chicken**

Used to grill meat, poultry and fish evenly from all sides.

- Fix the food to be grilled to the turn spit with the forks.
- Place the turn spit frame into the oven by aligning it with the turn spit driver.
- Insert the sharp edge of the turn spit into the turn spit driver and place the turn spit onto the turn spit frame.
- Remove the spit handle while grilling.



1 Turn spit frame

2 Plastic handle *

3 Fork

* (Varies depending on the product model.)

Technical specifications

GENERAL	
External dimensions (height / width / depth)	850 mm/600 mm/600 mm
Voltage / frequency	220-240 V~; 60 Hz
Total power consumption	8.4 kW
Cable type / section	min.H05VV-FG 3 x 2,5 mm ²
HOB	
Burners	
Rear left	Hotplate
Dimension	145 mm
Power	1000 W
Front left	Hotplate
Dimension	180 mm
Power	2000 W
Front right	Hotplate
Dimension	145 mm
Power	1500 W
Rear right	Hotplate
Dimension	180 mm
Power	1500 W
OVEN/GRILL	
Main oven	Multifunction oven
Inner lamp	15–25 W
Grill power consumption	2.2 kW

Basics: Information on the energy label of electrical ovens is given in accordance with the EN 60350-1 / IEC 60350-1 standard. Those values are determined under standard load with bottom-top heater or fan assisted heating (if any) functions.
Energy efficiency class is determined in accordance with the following prioritization depending on whether the relevant functions exist on the product or not. 1-Cooking with eco-fan, 2- Turbo slow cooking, 3- Turbo cooking, 4- Fan assisted bottom/top heating, 5-Top and bottom heating.



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.

3 Installation

Product must be installed by a qualified person in accordance with the regulations in force. The manufacturer shall not be held responsible for damages arising from procedures carried out by unauthorized persons which may also void the warranty.

 Preparation of location and electrical installation for the product is under customer's responsibility.

 **DANGER:**
The product must be installed in accordance with all local electrical regulations.

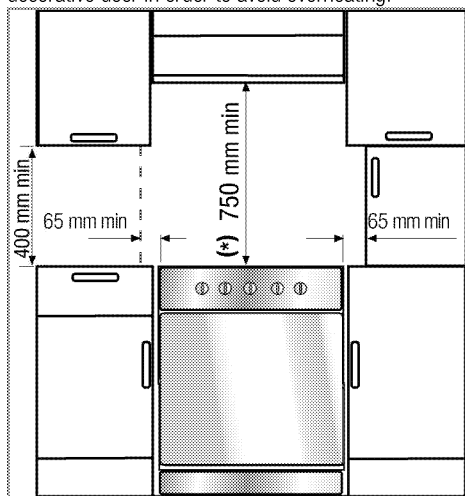
 **DANGER:**
Prior to installation, visually check if the product has any defects on it. If so, do not have it installed.
Damaged products cause risks for your safety.

Before installation

To ensure that critical air gaps are maintained under the appliance, we recommend that this appliance is mounted on a solid base and that the feet do not sink into any carpet or soft flooring.

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

If the range is placed on a base, measures have to be taken to prevent the appliance slipping from the base. The appliances must not be installed behind a decorative door in order to avoid overheating.

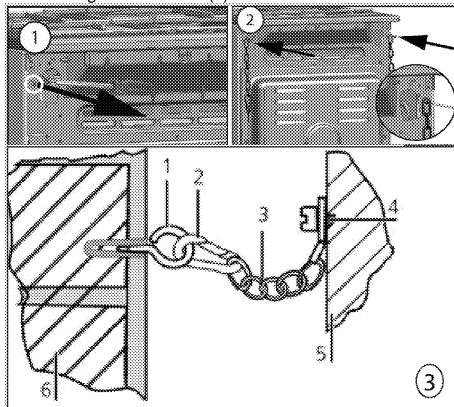


- It can be used with cabinets on either side but in order to have a minimum distance of 400mm above hotplate level allow a side clearance of 65mm between the appliance and any wall, partition or tall cupboard.
- It can also be used in a free standing position. Allow a minimum distance of 750 mm above the hob surface.
- (*) If a cooker hood is to be installed above the cooker, refer to cooker hood manufacturer' instructions regarding installation height (min 650 mm).
- The appliance corresponds to device class 1, i.e. it may be placed with the rear and **one** side to kitchen walls, kitchen furniture or equipment of any size. The kitchen furniture or equipment on the **other** side may only be of the same size or smaller.
- Any kitchen furniture next to the appliance must be heat-resistant (100 °C min.).

Safety chain

If your product has 2 safety chains;

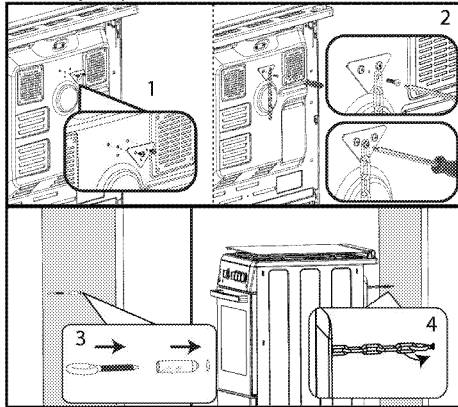
The appliance must be secured against overbalancing by using the supplied two safety chains on your oven. Fasten hook (1) by using a proper peg to the kitchen wall (6) and connect safety chain (3) to the hook via the locking mechanism (2).




- 1 Stability hook
- 2 Locking mechanism
- 3 Safety chain (supplied and mounted to oven)
- 4 Firmly fix chain to cooker rear
- 5 Rear of cooker
- 6 Kitchen wall

If your product has 1 safety chain;

The appliance must be secured against overbalancing by using the supplied one safety chain on your oven. Follow below steps in the picture to secure the safety chain to your product.




 Stability chain to be as short as practicable to avoid oven tilting forward and diagonal to avoid oven side tilting.


Cooker stability chain for cookers is not designed with bracket engagement slot.

Installation and connection

Product can only be installed and connected in accordance with the statutory installation rules.

 Do not install the product next to refrigerators or freezers. The heat emitted by the product will increase the energy consumption of cooling appliances.

- Carry the product with at least two persons.
- Product must be placed directly on the floor. It must not be placed onto a base or a pedestal.

 Do not use the door and/or handle to carry or move the product. The door, handle or hinges get damaged.

Electrical connection

Connect the product to a grounded outlet/line protected by a miniature circuit breaker of suitable capacity as stated in the "Technical specifications" table. Have the grounding installation made by a qualified electrician while using the product with or without a transformer. Our company shall not be liable for any damages that will arise due to using the product without a grounding installation in accordance with the local regulations.



DANGER:

The product must be connected to the mains supply only by an authorised and qualified person. The product's warranty period starts only after correct installation. Manufacturer shall not be held responsible for damages arising from procedures carried out by unauthorised persons.



DANGER:

The power cable must not be clamped, bent or trapped or come into contact with hot parts of the product.
A damaged power cable must be replaced by a qualified electrician. Otherwise, there is risk of electric shock, short circuit or fire!

The mains supply data must correspond to the data specified on the type label of the product. The rating plate is either seen when the door or the lower cover is opened or it is located at the rear wall of the unit depending on the unit type.
Power cable of your product must comply with the values in "Technical specifications" table.



DANGER:

Before starting any work on the electrical installation, disconnect the product from the mains supply.
There is the risk of electric shock!

Connecting the power cable

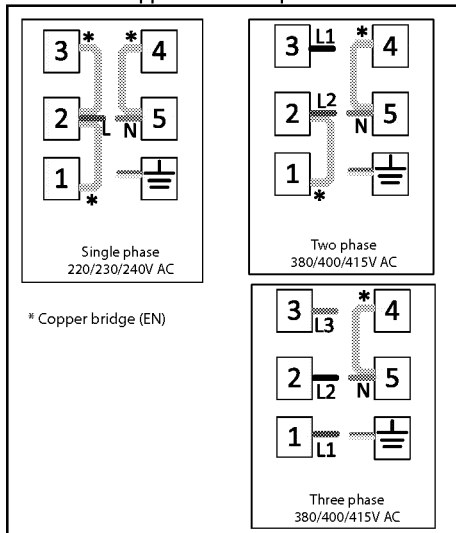


While performing the wiring, you must apply with the national/local electrical regulations and must use the appropriate socket outlet/line and plug for oven. In case of the product's power limits are out of current carrying capability of plug and socket outlet/line, the product must be connected through fixed electrical installation directly without using plug and socket outlet/line.


1. If it is not possible to disconnect all poles in the supply power, a disconnection unit with at least 3 mm contact clearance (fuses, line safety switches, contactors) must be connected and all the poles of this disconnection unit must be adjacent to (not above) the product in accordance with IEE directives. Failure to obey this instruction may cause operational problems and invalidate the product warranty.

Additional protection by a residual current circuit breaker is recommended.

If a cable is supplied with the product:



2. **For single-phase connection**, connect as identified below:

- Brown cable = L (Phase)
- Blue cable = N (Neutral)
- Green/yellow cable = (E)  (Ground)
- Push the product towards the kitchen wall.

• **Adjusting the feet of oven**

Vibrations during use may cause cooking vessels to move. This dangerous situation can be avoided if the product is level and balanced.

For your own safety please ensure the product is level by adjusting the four feet at the bottom by turning left or right and align level with the work top.

Final check

1. Reconnect the product to the mains.
2. Check electrical functions.

4 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 coloured or enamel coated cookware in the oven since the heat transmission will be better.
- While cooking your dishes, perform a preheating operation if it is advised in the user manual or cooking instructions.
- Do not open the door of the oven frequently during cooking.
- Try to cook more than one dish in the oven at the same time whenever possible. You can cook by placing two cooking vessels onto the wire shelf.
- Cook more than one dish one after another. The oven will already be hot.
- You can save energy by switching off your oven a few minutes before the end of the cooking time. Do not open the oven door.
- Defrost frozen dishes before cooking them.
- Use pots/pans with cover for cooking. If there is no cover, energy consumption may increase 4 times.
- Select the burner which is suitable for the bottom size of the pot to be used. Always select the correct pot size for your dishes. Larger pots require more energy.
- Pay attention to use flat bottom pots when cooking with electric hobs. Pots with thick bottom will provide a better heat conduction. You can obtain energy savings up to 1/3.
- Vessels and pots must be compatible with the hotplates. Bottom of the vessels or pots must not be smaller than the hotplate.
- Keep the hotplates and bottom of the pots clean. Dirt will decrease the heat conduction between the hotplate and bottom of the pot.
- For long cookings, turn off the hotplate 5 or 10 minutes before the end of cooking time. You can obtain energy savings up to 20% by using the residual heat.

Initial use

First cleaning of the appliance



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.

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

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 Static position.
4. Select the highest oven power; See *How to operate the electric oven, page 19*.
5. Operate the oven for about 30 minutes.
6. Turn off your oven; See *How to operate the electric oven, page 19*

Grill oven

1. Take all baking trays and the wire grill out of the oven.
2. Close the oven door.
3. Select the highest grill power; see *How to operate the grill, page 24*.
4. Operate the grill about 15 minutes.
5. Turn off your grill; see *How to operate the grill, page 24*

Hot plate

1. Any production residues or conservation layers must be burnt before the first use. Operate the hotplate at middle temperature level for 8 minutes without any vessel on it. No pots or containers should be placed onto the hotplate during this procedure.



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.

5 How to use the hob

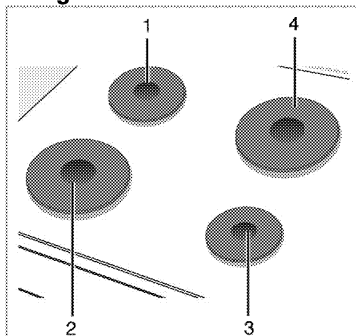
General information about cooking



Never fill the pan with oil more than one third of it. Do not leave the hob unattended when heating oil. Overheated oils bring risk of fire. **Never attempt to extinguish a possible fire with water!** When oil catches fire, cover it with a fire blanket or damp cloth. Turn off the hob if it is safe to do so and call the fire department.

- Before frying foods, always dry them well and gently place into the hot oil. Ensure complete thawing of frozen foods before frying.
 - Do not cover the vessel you use when heating oil.
 - Place the pans and saucepans in a manner so that their handles are not over the hob to prevent heating of the handles. Do not place unbalanced and easily tilting vessels on the hob.
 - Do not place empty vessels and saucepans on cooking zones that are switched on. They might get damaged.
 - Operating a cooking zone without a vessel or saucepan on it will cause damage to the product. Turn off the cooking zones after the cooking is complete.
 - As the surface of the product can be hot, do not put plastic and aluminum vessels on it. Such vessels should not be used to keep foods either.
 - Use flat bottomed saucepans or vessels only.
 - Put appropriate amount of food in saucepans and pans. Thus, you will not have to make any unnecessary cleaning by preventing the dishes from overflowing.
- Do not put covers of saucepans or pans on cooking zones.
Place the saucepans in a manner so that they are centered on the cooking zone. When you want to move the saucepan onto another cooking zone, lift and place it onto the cooking zone you want instead of sliding it.

Using the hobs



- 1 Hotplate 14-16 cm
- 2 Hotplate 18-20 cm
- 3 Hotplate 14-16 cm
- 4 Hotplate 18-20 cm is list of advised diameter of pots to be used on related burners.

Using hotplates

Hotplate knobs can be turned in both directions in a way that will provide temperature control in steps.



If the hob is equipped with hotplates featuring Booster function, relevant hotplate will be marked with a red dot.

Overheating protection

Hotplates that have a power above 1000 W are equipped with an overheating protection. Overheating protection decreases the power of the hotplate in following cases:

- There is no vessel or saucepan on the hotplate.
- There is an empty vessel or saucepan on the hotplate.
- The bottom of the vessel or saucepan is not flat.

Turning on the hotplates

Use hotplate knobs to operate the hotplates. Move the hotplate knobs to the relevant level in order to obtain the desired cooking level.

Cooking level	1	2 — 3	4 — 6
	warming	stewing, simmering	cooking, roasting, boiling

Turning off the hotplates

Turn the hotplate knob to OFF (upper) position.

6 How to operate the oven

General information on baking, roasting and grilling



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 grill on. Do not change the rack position when the oven is hot.
- Keep the oven door closed.

Tips for roasting

- Treating whole chicken, turkey and large piece of meat with dressings such as lemon juice and black pepper before cooking will increase the cooking performance.
- It takes about 15 to 30 minutes longer to roast meat with bones when compared to roasting the same size of meat without bones.
- Each centimeter of meat thickness requires approximately 4 to 5 minutes of cooking time.
- Let meat rest in the oven for about 10 minutes after the cooking time is over. The juice is better distributed all over the roast and does not run out when the meat is cut.
- Fish should be placed on the middle or lower rack in a heat-resistant plate.

Tips for grilling

When meat, fish and poultry are grilled, they quickly get brown, have a nice crust and do not get dry. Flat pieces, meat skewers and sausages are particularly suited for grilling as are vegetables with high water content such as tomatoes and onions.

- Distribute the pieces to be grilled on the wire shelf or in the baking tray with wire shelf in such a way that the space covered does not exceed the size of the heater.
- Slide the wire shelf or baking tray with grill into the desired level in the oven. If you are grilling on the wire shelf, slide the baking tray to the lower rack to collect fats. The baking tray to be slid must be of a size that covers the whole grilling area. This tray might not be provided with the product. Add some water in the baking tray for easy cleaning.

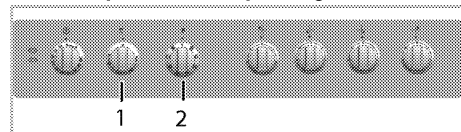


Foods that are not suitable for grilling carry the risk of fire. Only grill food which is suitable for intensive grilling heat.

Do not place the food too far in the back of the grill. This is the hottest area and fatty food may catch fire.

How to operate the electric oven

Select temperature and operating mode



- 1 Thermostat knob
- 2 Function knob

1. Set the oven timer to the desired cooking time; see .
2. Set the Function knob to the desired operating mode.
3. Set the Temperature knob to the desired temperature.

» Oven heats up to the adjusted temperature and maintains it. During heating, temperature lamp stays on.

Switching off the electric oven

Switch the oven timer to off position.



When the timer is set to a certain time, it will turn off automatically; see

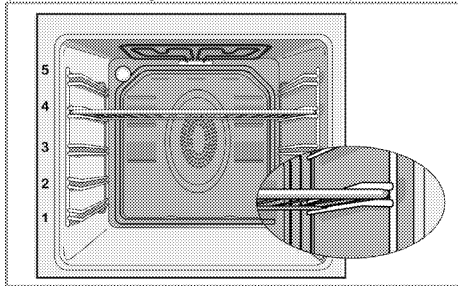
Turn the function knob and temperature knob to off (upper) position.

Rack positions (For models with wire shelf)

It is important to place the wire shelf onto the side rack correctly. Wire shelf must be inserted between the side racks as illustrated in the figure.

Do not let the wire shelf stand against the rear wall of the oven. Slide your wire shelf to the front section of the rack and settle it with the help of the door in order to obtain a good grill performance.

(Varies depending on the product model.)



Operating modes

The order of operating modes shown here may be different from the arrangement on your product.

Top and bottom heating



Top and bottom heating are in operation. Food is heated simultaneously from the top and bottom. For example, it is suitable for cakes, pastries, or cakes and casseroles in baking moulds. Cook with one tray only.

Bottom heating



Only bottom heating is in operation. It is suitable for pizza and for subsequent browning of food from the bottom.



This function must be used for easy steam cleaning as well.

Fan supported bottom/top heating



Top heating, bottom heating plus fan (in the rear wall) are in operation. Hot air is evenly distributed throughout the oven rapidly by means of the fan. Cook with one tray only.

Operating with fan



The oven is not heated. Only the fan (in the rear wall) is in operation. Suitable for thawing frozen granular food slowly at room temperature and cooling down the cooked food.

Fan Heating



Warm air heated by the rear heater is evenly distributed throughout the oven rapidly by means of the fan. It is suitable for cooking your meals in different rack levels and preheating is not required in most cases. Suitable for cooking with multi trays. This function must be used for easy steam cleaning as well.

"3D" function



Top heating, bottom heating and fan assisted heating (in the rear wall) are in operation. Food is cooked evenly and quickly all around. Cook with one tray only.

Grill+Fan



Grilling effect is not as strong as in Full Grill

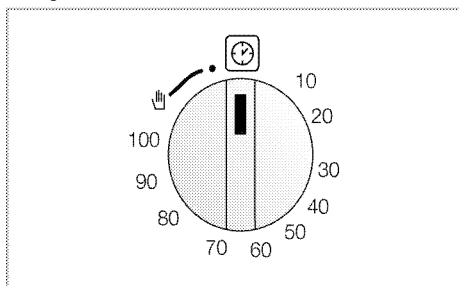
- Put small or medium-sized portions in correct shelf position under the grill heater for grilling.
- Turn the food after half of the grilling time.

Full grill with turnspit



Full grill and turnspit are in operation. It is suitable for grilling and making rotisserie with large pieces of meat.

Using the oven clock



Starting the cooking

i In order to operate the oven, you must select cooking mode and the desired temperature and set the time. Otherwise, the oven will not operate.

1. Turn the Time Adjustment knob clockwise to set the cooking time.
 2. Put your dish into the oven.
 3. Select operation mode and temperature; see *How to operate the electric oven, page 19*.
- » The oven will be heated up to the preset temperature and will maintain this temperature until the end of the cooking time you selected.

4. Once the cooking time is over, Time Setting knob will automatically rotate counterclockwise. A warning sound indicating that the set time is over is heard and the power is cut.

i If you do not want to use the timer function, turn the knob counterclockwise towards the hand symbol.

5. Turn off the oven with the Time Setting knob, function knob and temperature knob.

Turning off the oven before the set time

1. Turn the Time Adjustment knob counterclockwise until it stops.
2. Turn off the oven with the Function knob and Temperature knob.

Cooking times table

i The timings in this chart are meant as a guide. Timings may vary due to temperature of food, thickness, type and your own preference of cooking.

Baking and roasting

i 1st rack of the oven is the **bottom** rack.

Dish	Cooking level number	Accessory to use	Operating mode	Rack position	Temperature (°C)	Cooking time (approx. in min.)
Cakes in tray	One level	Standard tray*		3	180	25 ... 30
Cakes in mould	One level	Cake mold on wire grill**		2	180	40 ... 50
Small cakes	One level	Standard tray*		3	160	25 ... 35
	One level	Standard tray*		3	150	30 ... 40
	2 levels			1 - 3	150	
	3 levels	1-Standard tray* 3-Pastry tray* 5-Deep tray*		1 - 3 - 5	150	35 ... 50
Sponge cake	One level	Round springform pan with a diameter of 26 cm on wire grill**		3	160	25 ... 35
	One level	Round springform pan with a diameter of 26 cm on wire grill**		2	150	30 ... 40
	2 levels	1-Round springform pan with a diameter of 26 cm on wire grill** 4-Round springform pan with a diameter of 26 cm on pastry tray**		1 - 4	150	35 ... 45
Cookies	One level	Pastry tray*		3	180	25 ... 30
	2 levels	1-Pastry tray* 3-Standard tray*		1 - 3	180	30 ... 40
	3 levels	1-Pastry tray* 3-Standard tray* 5-Deep tray*		1 - 3 - 5	180	35 ... 45
Dough pastry	One level	Standard tray*		2	200	30 ... 40
	2 levels	1-Pastry tray* 5-Standard tray*		1 - 5	200	45 ... 55





	3 levels	1-Pastry tray* 3-Standard tray* 5-Deep tray*		1 - 3 - 5	200	55 ... 65
Rich pastry	One level	Standard tray*		2	200	25 ... 35
	2 levels	1-Pastry tray* 3-Standard tray*		1 - 3	200	35 ... 45
	3 levels	1-Pastry tray* 3-Standard tray* 5-Deep tray*		1 - 3 - 5	190	45 ... 55
Leaven	One level	Standard tray*		2	200	35 ... 45
Lasagna	One level	Glass/metal rectangular pan on wire grill**		2 - 3	200	30 ... 40
Pizza	One level	Standard tray*		2	200 ... 220	15 ... 20
Beef steak (whole) / Roast	One level	Standard tray*		3	25 min. 250/max, then 180 ... 190	100 ... 120
Leg of Lamb (casserole)	One level	Standard tray*		3	25 min. 250/max, then 190	70 ... 90
	One level	Standard tray*		3	25 min. 250/max, then 190	60 ... 80
Roasted chicken (1,8-2 kg)	One level	Standard tray*		2	15 min. 250/max, then 180 ... 190	60 ... 80
	One level	Standard tray*		2	15 min. 250/max, then 180 ... 190	60 ... 80
Turkey (5.5 kg)	One level	Standard tray*		1	25 min. 250/max, then 180 ... 190	150 ... 210
	One level	Standard tray*		1	25 min. 250/max, then 180 ... 190	150 ... 210
Fish	One level	Standard tray*		3	200	20 ... 30
	One level	Standard tray*		3	200	20 ... 30

It is suggested to perform preheating for all foods.
* These accessories may not be supplied with the product.
** These accessories are not supplied with the product. They are commercially available accessories.

Cooking table for test meals

Meals in this cooking table are prepared according to EN 60350-1 to make it easier for control institutes to test the product

Dish	Cooking level number	Accessory to use	Operating mode	Rack position	Temperature (°C)	Cooking time (approx. in min.)
Shortbread	One level	Standard tray*		3	140	20 ... 30
	One level	Standard tray*		3	140	20 ... 30
	2 levels	1-Standard tray* 3-Pastry tray*		1 - 3	140	20 ... 30
	3 levels	1-Standard tray* 3-Pastry tray* 5-Deep tray*		1 - 3 - 5	140	25 ... 35
Small cakes	One level	Standard tray*		3	160	25 ... 35
	One level	Standard tray*		3	150	30 ... 40
	2 levels			1 - 3	150	
	3 levels	1-Standard tray* 3-Pastry tray* 5-Deep tray*		1 - 3 - 5	150	35 ... 50
Sponge cake	One level	Round springform pan with a diameter of 26 cm on wire grill**		3	160	25 ... 35
	One level	Round springform pan with a diameter of 26 cm on wire grill**		2	150	30 ... 40


	2 levels	1-Round springform pan with a diameter of 26 cm on wire grill** 4-Round springform pan with a diameter of 26 cm on pastry tray**		1 - 4	150	35 ... 45
Apple pie	One level	Round black metal dish with a diameter of 20 cm on wire grill**		2	180	50 ... 60
	One level	Round black metal dish with a diameter of 20 cm on wire grill**		2	170	50 ... 60
	2 levels	1-Round black metal dish with a diameter of 20 cm on wire grill** 4-Round black metal dish with a diameter of 20 cm on pastry tray**		1 - 4	170	50 ... 60
<p>It is suggested to perform preheating for all foods. * These accessories may not be supplied with the product. ** These accessories are not supplied with the product. They are commercially available accessories.</p>						

Tips for baking cake

- If the cake is too dry, increase the temperature by 10°C and decrease the cooking time.
- If the cake is wet, use less liquid or lower the temperature by 10°C.
- If the cake is too dark on top, place it on a lower rack, lower the temperature and increase the cooking time.
- If cooked well on the inside but sticky on the outside use less liquid, lower the temperature and increase the cooking time.

Tips for baking pastry

- If the pastry is too dry, increase the temperature by 10°C and decrease the cooking time. Dampen the layers of dough with a sauce composed of milk, oil, egg and yoghurt.
- If the pastry takes too long to bake, pay care that the thickness of the pastry you have prepared does not exceed the depth of the tray.
- If the upper side of the pastry gets browned, but the lower part is not cooked, make sure that the amount of sauce you have used for the pastry is not too much at the bottom of the pastry. Try to scatter the sauce equally between the dough layers and on the top of pastry for an even browning.

 Cook the pastry in accordance with the mode and temperature given in the cooking table. If the bottom part is still not browned enough, place it on one lower rack next time.

Tips for cooking vegetables

- If the vegetable dish runs out of juice and gets too dry, cook it in a pan with a lid instead of a tray. Closed vessels will preserve the juice of the dish.
- 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 operate the grill



WARNING

Close oven door during grilling.
Hot surfaces may cause burns!

- Turn the Time Adjustment knob counter clockwise to Hand symbol when grilling.

Switching on the grill

1. Turn the Function knob to the desired grill symbol.
2. Then, select the desired grilling temperature.
3. If required, perform a preheating of about 5 minutes.

» Temperature light turns on.

Switching off the grill

1. Turn the Function knob to Off (top) position.



Foods that are not suitable for grilling carry the risk of fire. Only grill food 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 fatty food may catch fire.

Turnspit function

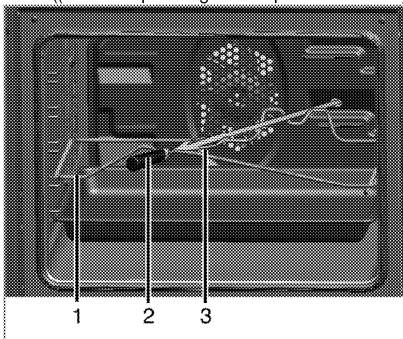
When grill function is selected, turnspit motor will start turning.



The turnspit motor works with the grill function. Once the grill function is operated, the grill heater cuts in and out intermittently.

Therefore, while the grill heater is enabled, the turnspit motor runs and when it is disabled the turnspit motor stops likewise. This is not a fault.

- After selecting the Grill function, skewer the meat or chicken onto the spit by means of the fork (3).
- Insert the turnspit into its slot in the rotation motor located at the rear wall of the oven. Place the turnspit onto the spit frame.
- Place the frame to the relevant rack of the oven.
- Place a tray to one of the lower racks in order to collect the fats. Put some water into the tray for ease of cleaning.
- **Do not forget to remove the plastic handle of the turnspit. (Varies depending on the product model.)**
- When cooking completes, attach the plastic handle and remove your food from the oven. (Varies depending on the product model.)



- 1 Turnspit frame
 - 2 Plastic handle *
 - 3 Fork
- * (Varies depending on the product model.)

Cooking times table for grilling

Grilling with electric grill

Food	Accessory to use	Rack position	Recommended temperature (°C)**	Cooking time (approx. in min.)
Fish	Wire grill	4..5	250	20...25 min. #
Sliced chicken	Wire grill	4..5	250	25...35 min.
Lamb chops	Wire grill	4..5	250	20...25 min.
Roast beef	Wire grill	4..5	250	25...30 min. #
Veal chops	Wire grill	4..5	250	25...30 min. #
Toast bread*	Wire grill	4	250	1...3 min.

*depending on thickness

*Preheat for 5 minutes

**If the grill temperature of your product cannot be adjusted, the grill will work at the recommended temperature.

Meals in this cooking table are prepared according to EN 60350-1 to make it easier for control institutes to test the product.

Food	Accessory to use	Rack position	Temperature (°C)	Cooking time (approx. in min.)
Toast bread	Wire grill	4	250	1...3 min.
Meatballs (beef) - 12 pieces	Wire grill	4	250	25...35 min.

Turn the food after 2/3 of the total grilling time.

It is suggested to perform 5 minutes preheating for all foods broiling.

7 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:

Disconnect the product from mains supply before starting maintenance and cleaning works.
There is the risk of electric shock!



DANGER:

Allow the product to cool down before you clean it.
Hot surfaces may cause burns!

- Clean the product 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.
- No special cleaning agents are required for cleaning the product. Use warm water with washing liquid, a soft cloth or sponge to clean the product and wipe it with a dry cloth.
- Always ensure any excess liquid is thoroughly wiped off after cleaning and any spillage is immediately wiped dry.
- Do not use cleaning agents that contain acid or chloride to clean the stainless or inox surfaces and the handle. Use a soft cloth with a liquid detergent (not abrasive) to wipe those parts clean, paying attention to sweep in one direction.
- **(This feature is optional. It may not exist on your product.)**
Do not use solid metal scrapers or abrasive cleaning materials to clean the glass cover. Glass surface can get damaged.



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.

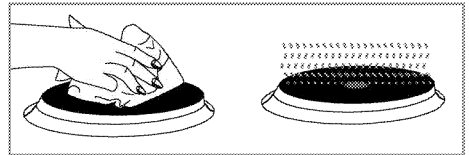


Do not use steam cleaners to clean the appliance as this may cause an electric shock.

Cleaning the hob

Electric hobs

1. Turn off the hotplates and wait until they cool down.
2. If necessary, clean the hotplates with a cleaning agent (you can obtain cleaners/softeners from specialty stores).
3. Warm only for a few minutes after cleaning in order to have their top section dried.
4. Apply a thin layer of machine oil onto the top surface of the hotplate regularly in order to protect it.



Cleaning the control panel

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



If your product is equipped with buttons/knobs do not remove the control buttons/knobs to clean the control panel.

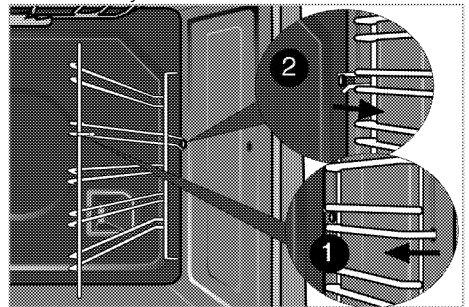
Control panel may get damaged!

Cleaning the oven

To clean the side wall (Varies depending on the product model.)

(This feature is optional. It may not exist on your product.)

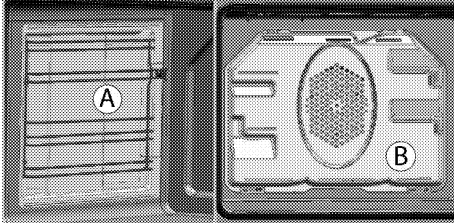
1. Remove the front section of the side rack by pulling it in the opposite direction of the side wall.
2. Remove the side rack completely by pulling it towards you.



Catalytic walls

(This feature is optional. It may not exist on your product.)

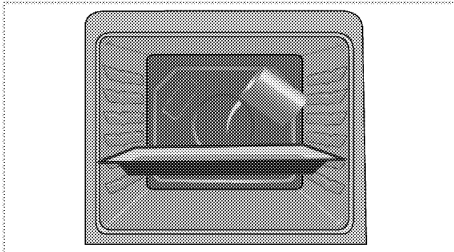
The inner side walls (A) and/or the rear wall (B) of your product may be coated with catalytic enamel. Catalytic walls have a light matte colour and a porous surface. Catalytic walls of the oven should not be cleaned. Thanks to their perforated structure, catalytic surfaces absorb grease and once the surface is filled with grease, they start to shine. In this case, it is recommended to replace the parts.



Easy Steam Cleaning

It ensures easy cleaning because the dirt (having waited not for too long) is softened with the steam that forms inside the oven and the water drops condensing on the inner surfaces of the oven.

1. Remove all accessories inside the oven.
2. Pour 500 ml of water into the oven tray and place the tray at the 2nd rack of the oven.



3. Set the oven to easy steam cleaning mode and run at 100°C for 25 minutes.
4. Open the door and wipe the inner surfaces of the oven with a damp sponge or cloth.
5. Use warm water with washing liquid, a soft cloth or sponge to clean the persistent dirt and wipe it with a dry cloth.



During the easy steam cleaning mode, water that is placed in the tray to soften lightly formed residues/dirt within the oven cavity will evaporate and condense in the oven cavity and inner glass of the oven door, therefore water may drip when the oven door is opened. Wipe away the condensation as soon as the oven door is opened.

Clean oven door

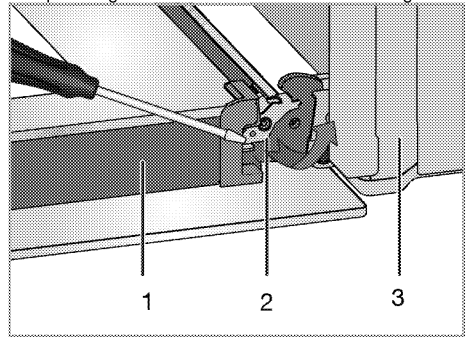
To clean the oven door, use warm water with washing liquid, a soft cloth or sponge to clean the product and wipe it with a dry cloth.



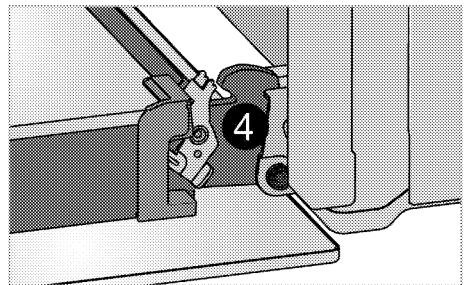
Don't use any harsh abrasive cleaners or sharp metal scrapers for cleaning the oven door. They could scratch the surface and destroy the glass.

Removing the oven door

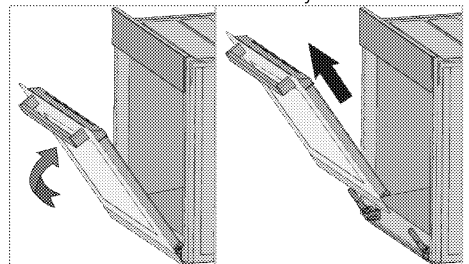
1. Open the front door (1).
2. Open the clips at the hinge housing (2) on the right and left hand sides of the front door by pressing them down as illustrated in the figure.



- 1 Door
- 2 Hinge lock(closed position)
- 3 Oven
- 4 Hinge lock(open position)



3. Move the front door to half-way.



- Remove the front door by pulling it upwards to release it from the right and left hinges.



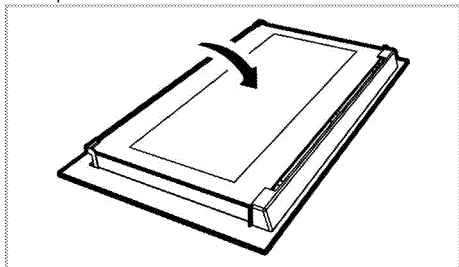
Steps carried out during removing process should be performed in reverse order to install the door. Do not forget to close the clips at the hinge housing when reinstalling the door.

Removing the door inner glass

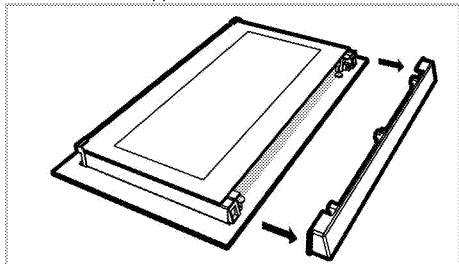
(This feature is optional. It may not exist on your product.)

The inner glass panel of the oven door can be removed for cleaning.

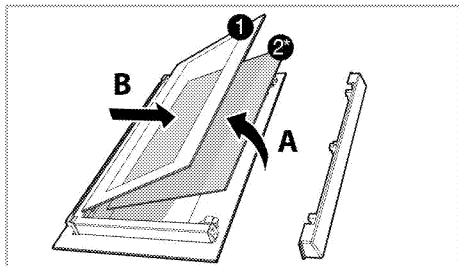
- Open the oven door.



- Pull towards yourself and remove the plastic part installed to upper section of the front door.



- As illustrated in figure, raise the innermost glass panel (1) slightly in direction A and pull it out in direction B.



- Innermost glass panel
- * Inner glass panel (This may not exist on your product.)

- If your product is equipped with an inner glass panel; repeat the same procedure to remove the inner glass panel (2).
- The first step to regroup the door is reinstalling inner glass panel (2). Place the chamfered corner of the glass panel so that it will rest in the chamfered corner of the plastic slot. (If your product is equipped with an inner glass panel). Inner glass panel (2) must be installed into the plastic slot close the innermost glass panel (1).
- When installing the innermost glass panel (1), make sure that the printed side of the panel faces towards the inner glass panel. It is important to seat lower corner of innermost glass panel (1) into the lower plastic slot.
- Push the plastic part towards the frame until you hear a "click".

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. See *Technical specifications, page 12* for details. Oven lamps can be obtained from Authorised Service Agents or technician with licence.



Position of lamp might vary from the figure.



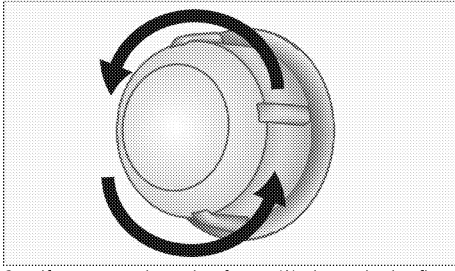
The lamp used in this appliance is not suitable for household room illumination. The intended purpose of this lamp is to assist the user to see foodstuffs.



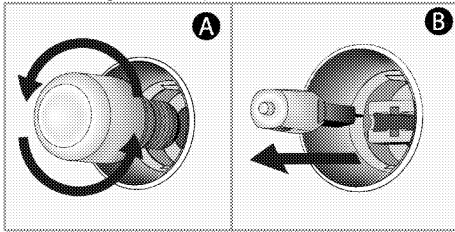
The lamps used in this appliance have to withstand extreme physical conditions such as temperatures above 50 °C.

If your oven is equipped with a round lamp:

- Disconnect the product from mains.
- Turn the glass cover counter clockwise to remove it.



3. If your oven lamp is of type (A) shown in the figure below, remove it by rotating as shown and replace it. If it is of type (B), pull and remove it as shown in the figure and replace it.



4. Install the glass cover.

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.*

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.

- Might not be set to a certain cooking function and/or temperature. >>> *Set the oven to a certain cooking function and/or temperature.*
- 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 technician with licence 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.

