



**Built-in Gas Oven**  
User Manual



BIG22100XC

**EN**

285.4488.05/R.AA/25.02.2020/2-1  
7751388368

## Please read this user manual first!

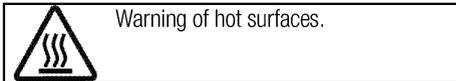
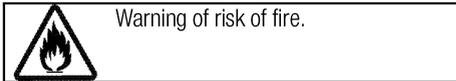
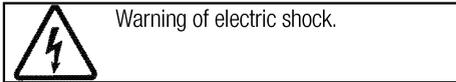
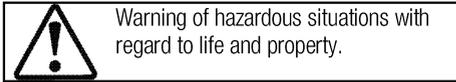
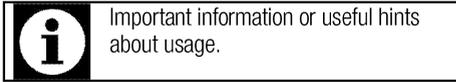
Dear Customer,

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 Sütlüce/İstanbul/TURKEY  
Made in TURKEY

This product was manufactured using the latest technology in environmentally friendly conditions.

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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.

- 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.

### **Safety when working with gas**

- Any works on gas equipment and systems may only be carried out by authorised qualified persons who are Gas Safe registered.
- Prior to the installation, ensure that the local distribution conditions (nature of the gas and gas pressure) and the adjustment of the appliance are compatible.
- This appliance is not connected to a combustion products or evacuation device. It shall be installed and connected in

accordance with current installation regulations. Particular attention shall be given to the relevant requirements regarding ventilation; See *Before installation*, page 13

- CAUTION: The use of gas cooking appliance results in the production of heat and moisture in the room in which it is installed. Ensure that the kitchen is well ventilated: keep natural ventilation holes open or install a mechanical ventilation device (mechanical extractor hood). Prolonged intensive use of the appliance may call for additional ventilation, for example increasing the level of the mechanical ventilation where present.
- Gas appliances and systems must be regularly checked for proper functioning. Regulator, hose and its clamp must be checked regularly and replaced within the periods recommended by its manufacturer or when necessary.
- Clean the gas burners regularly. The flames should be blue and burn evenly.
- This product should be used in a room which incorporates a properly adjusted and functioning Carbon Monoxide sensor. Make sure the Carbon Monoxide sensor works properly and is maintained

frequently. Carbon Monoxide sensor should be installed maximum 2 meters away from the product.

- Good combustion is required in gas appliances. In case of incomplete combustion, carbon monoxide (CO) might develop. Carbon monoxide is a colourless, odourless and very toxic gas, which has a lethal effect even in very small doses.
- Request information about gas emergency telephone numbers and safety measures in case of gas smell from you local gas provider.

#### **What to do when you smell gas**

- Do not use open flame or do not smoke. Do not operate any electrical buttons (e.g. lamp button, door bell and etc.) Do not use fixed or mobile phones. Risk of explosion and toxication!
- Open doors and windows.
- Turn off all valves on gas appliances and gas meter at the main control valve, unless it's in a confined space or cellar.
- Check all tubes and connections for tightness. If you still smell gas leave the property.
- Warn the neighbours.
- Call the fire-brigade. Use a telephone outside the house.

- Do not re-enter the property until you are told it is safe to do so.

### **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!
- Never touch the plug with wet hands! Never unplug by pulling on the cable, always pull out by holding the plug.
- 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 gas/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

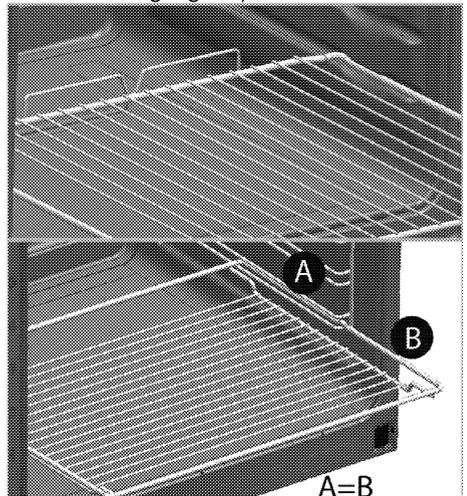
to avoid touching heating elements. Children less than 8 years of age shall be kept away unless continuously supervised.

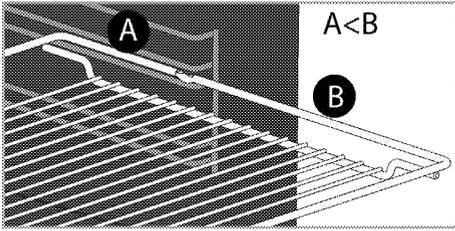
- Never use the product when your judgment or coordination is impaired by the use of alcohol and/or drugs.
- Be careful when using alcoholic drinks in your dishes. Alcohol evaporates at high temperatures and may cause fire since it can ignite when it comes into contact with hot surfaces.
- Food Poisoning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

- The appliance must not be installed behind a decorative door in order to avoid overheating.

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.
- To prevent gas leakage ensure that the gas connection is sound.

#### 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 and/or gas 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.
- An additional protective means to avoid contact with the oven door is available. This part should be fitted when young children are likely to be present.
- 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:

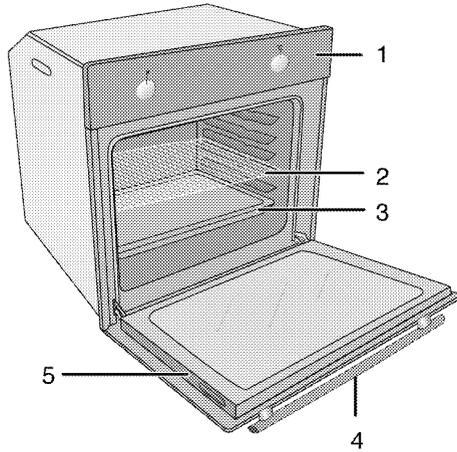
The product you have purchased complies with EU RoHS Directive (2011/65/EU). It does not contain harmful and prohibited materials specified in the Directive.

### 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.

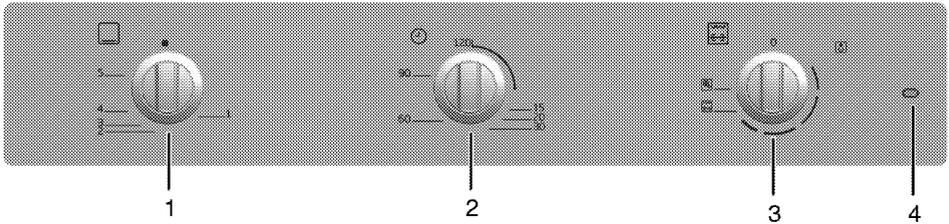
## 2 General information

### Overview



- 1 Control panel
- 2 Wire shelf
- 3 Tray

- 4 Handle
- 5 Door



- 1 Oven knob
- 2 Mechanical timer
- 3 Grill function knob
- 4 Warning lamp

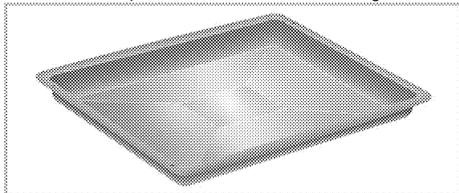
## Package contents



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

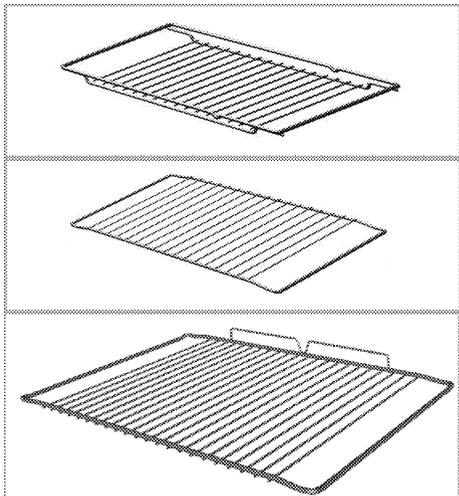
1. **User manual**
2. **Standard tray**

Used for pastries, frozen foods and big roasts.



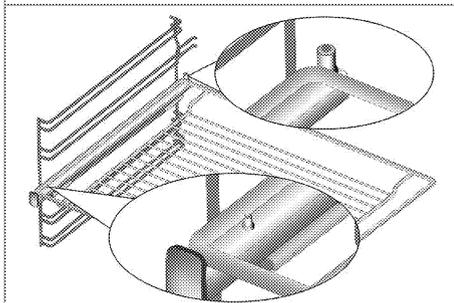
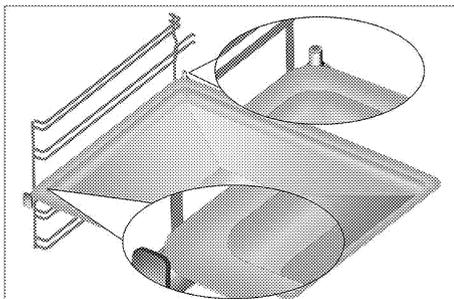
3. **Wire grill**

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



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

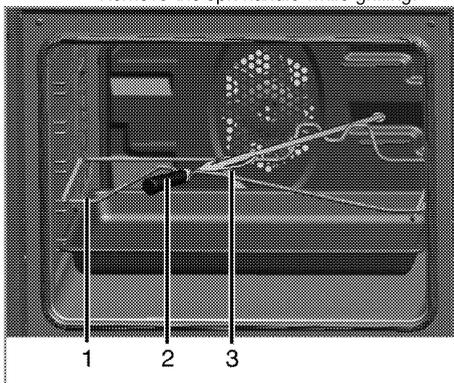
Telescopic racks allow you to install and remove the trays and wire shelf easily. When using the tray and wire shelf with telescopic racks, make sure that the pins at the rear section of the telescopic rack stands against the edges of the wire shelf and tray.



5. **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

Voltage / frequency	220-240 V~; 50 Hz
Total power consumption	2.3 kW
Cable type / section	min.H05W-FG 3 x 1,5 mm <sup>2</sup>
Gas type / pressure	LPG G 30/28-30 mbar
Total gas consumption	2.3 kW
Converting the gas type / pressure <sup>S</sup>	NG G 20/20 mbar
– optional	
External dimensions (height / width / depth)	595 mm/594 mm/567 mm
Installation dimensions (height / width / depth)	**590 or 600 mm/560 mm/min. 570 mm
Main oven	<b>Gas oven</b>
Inner lamp	15/25 W
Grill power consumption	2.2 kW
Gas consumption of oven	2.3 kW

\*\* See. *Installation*, page 13.



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.

## Injector table

Gas type / Gas pressure	Gas oven
G 20/20 mbar	110
G 30/28-30 mbar	75

### 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 and gas installation for the product is under customer's responsibility.



**DANGER:**

The product must be installed in accordance with all local gas and/or 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

The appliances must not be installed behind a decorative door in order to avoid overheating. The appliance is intended for installation in commercially available kitchen cabinets. A safety distance must be left between the appliance and the kitchen walls and furniture. See figure (values in mm).

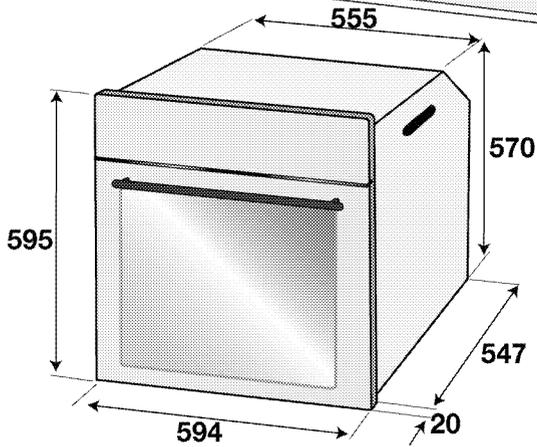
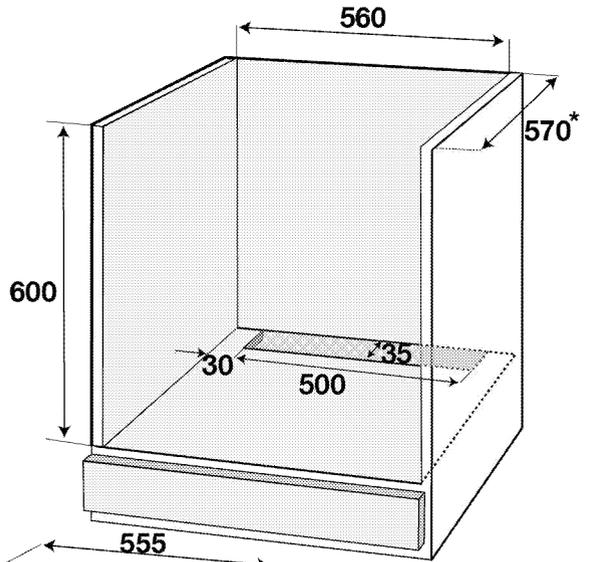
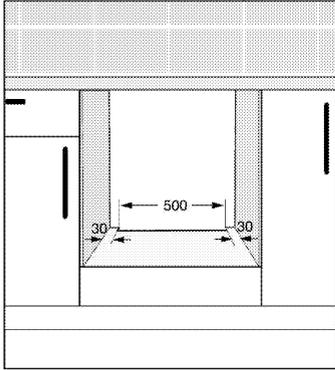
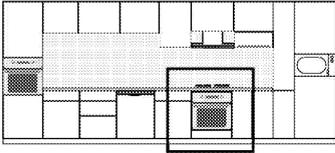
- Surfaces, synthetic laminates and adhesives used must be heat resistant (100 °C minimum).
- Kitchen cabinets must be set level and fixed.
- If there is a drawer beneath the oven, a shelf must be installed in order to separate from the oven and drawer.
- Carry the appliance with at least two persons.
- Hold the oven from the slots for handling on both sides to move it.
- Before installing the product, remove all materials and documents inside.
- Kitchen furniture must be in compliance with the dimensions given in the figure below. At the rear section of the kitchen furniture, an opening must be cut out with the dimensions given in the figure below to ensure sufficient ventilation.



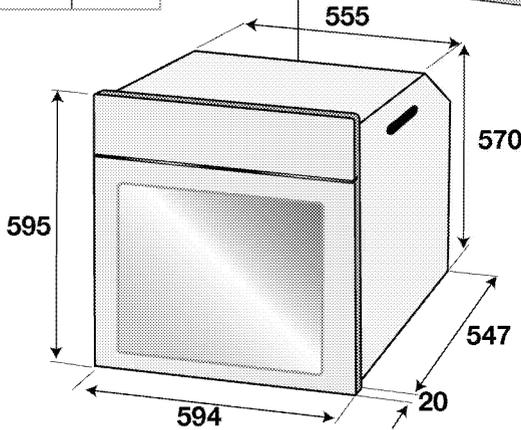
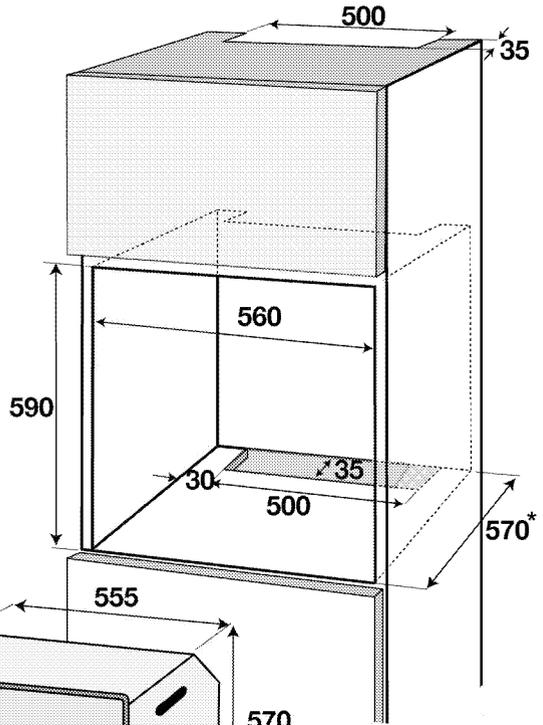
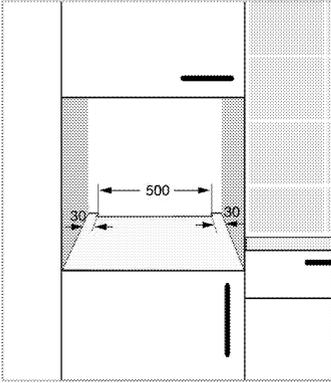
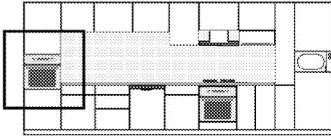
Do not install the appliance next to refrigerators or freezers. The heat emitted by the appliance will lead to an increased energy consumption of cooling appliances.



The door and/or handle must not be used for lifting or moving the appliance.



\* min.



\* min.

### Room ventilation

All rooms require an openable window, or equivalent, and some rooms will require a permanent vent as well. The air for combustion is taken from the room air and the exhaust gases are emitted directly into the room. Good ventilation is essential for safe operation of your appliance.

#### Rooms with doors and/or windows which open directly to the outer environment

The doors and/or windows that open directly to the outer environment must have a total ventilation opening of the dimensions specified in the table below which is based on the total gas power of the appliance

(total gas power consumption of the appliance is shown in the technical specification table of this user manual). If the doors and/or windows do not have a total ventilation opening corresponding to the total gas consumption of the appliance as specified in the table below, then there must definitely be an additional fixed ventilation opening in the room to ensure that the total minimum ventilation requirements for the total gas consumption of the appliance is achieved. The fixed ventilation opening can include openings for existing airbricks, extraction hood ducting opening dimension etc.

Total gas consumption (kW)	min. Ventilation opening (cm <sup>2</sup> )
0-2	100
2-3	120
3-4	175
4-6	300
6-8	400
8-10	500
10-11.5	600
11.5-13	700
13-15.5	800
15.5-17	900
17-19	1000
19-24	1250

### Rooms that do not have openable doors and/or windows that open directly to the outer environment

If the room where the appliance is installed does not have a door and/or a window that opens directly to the outer environment, other products shall be sought that definitely provide a fixed nonadjustable and non-closable ventilation opening which meets the total minimum ventilation opening requirements for the total gas consumption of the appliance as indicated in the above table. Also the appropriate building regulations advise should be followed.

Where a room or internal space contains more than one gas appliance, additional ventilation area shall be provided on top of the requirement given in the table above. Size of additional ventilation area shall be appropriate to regulations of other gas appliances. There should also be a minimum clearance of 10mm on the bottom edge of the door that opens to the inner environment in the room where the appliance is installed. You must ensure that items such as carpets and other floorcoverings etc., do not affect the clearance when the door is closed.

The cooker may be located in a kitchen, kitchen/diner or a bed-sitting room, but not in a room containing a bath or a shower. The cooker must not be installed in a bed-sitting room of less than 20m<sup>3</sup>.

Do not install this appliance in a room below ground level unless it is open to ground level on at least one side.

### Installation and connection

- The product must be installed in accordance with all local gas and electrical regulations.

### 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!

- Connection must comply with national regulations.
- The mains supply data must correspond to the data specified on the type label of the product. Open the front door to see the type label.
- 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!



Power cable plug must be within easy reach after installation (do not route it above the hob).



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.

Plug the power cable into the socket.

## Gas connection



### DANGER:

Product can be connected to gas supply system only by an authorised and qualified person or technician with licence.

Risk of explosion or toxication due to unprofessional repairs!

Manufacturer shall not be held responsible for damages arising from procedures carried out by unauthorised or unlicensed persons.



### DANGER:

Before starting any work on the gas installation, disconnect the gas supply.

There is the risk of explosion!

- Gas adjustment conditions and values are stated on labels (or on type label).



Your product is equipped for liquefied petroleum gas (LPG).

## Connecting the gas hose

- Have your product connected in a way that it will be close to the gas connection and not gas leakage will exist.
- Plastic hose to be used must not be longer than 125 cm.
- Install the clamp to the hose. Soak one end of the hose (15 mm inner diameter) into boiling water for one minute to soften it.
- Then, slip the softened end of the hose completely onto the sharp hose tip of your product. Finally, tighten the clamp completely with a screwdriver.
- Repeat the same procedure for the other end of the hose and complete the gas cylinder connection.
- Never forget to make the gas leakage control.



### DANGER:

Risk of explosion and suffocation!

Do not keep LPG cylinders in home.

- If you need to use your product later with a different type of gas, you must consult the Authorised Service Agent for the related conversion procedure.

## Leakage control at the connection point

- Make sure that all knobs on the product are turned off. Make sure that the gas supply is open. Prepare soapy foam and apply it onto the connection point of the hose for gas leakage control.

- Soapy part will froth if there is a gas leakage. In this case, inspect the gas connection once again.



Never use a match or lighter to make the gas leakage control.



### DANGER:

The flexible gas hose must be connected in a way that it does not contact the moving parts around it and is not trapped when the moving parts are travelling.

(e.g. drawers). Besides, it should not be placed in spaces where it might get squeezed.



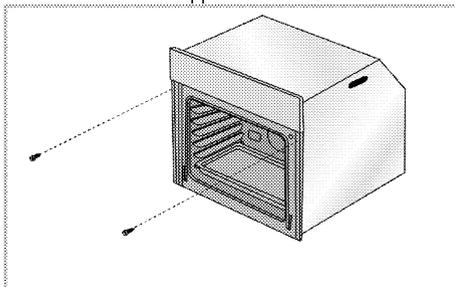
### DANGER:

The gas hose must not be clamped, bent or trapped or come into contact with hot parts of the product.

There is the risk of explosion due to damaged gas hose.

## Installing the product

1. Slide the oven into the cabinet, align and secure it while making sure that the power cable is not broken and/or trapped.

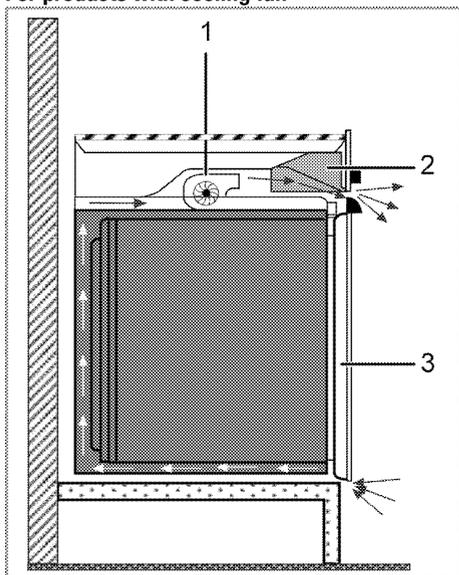


Secure the oven with 2 screws as illustrated.

After the installation, make sure that the screws are sufficiently tightened and the oven does not move.

Oven may tip over during use if it is not installed as per the instructions and if the screws are not sufficiently tightened.

## For products with cooling fan



- 1 Cooling fan
- 2 Control panel
- 3 Door

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

The cooling fan will start while operating oven after 10 minutes. Air ventilation will be between oven door and control panel. If it is not working cooling fan might be fault. In case contact with authorized service agency.



Cooling fan continues to operate for about 20-30 minutes after the oven is switched off.

### Final check

1. Operate the product.
2. Check the functions.
3. Open gas supply.
4. Check gas installations for secure fitting and tightness.



Flame must be blue and have a regular shape. If the flame is yellowish, check if the burner cap is seated securely or clean the burner.

### Gas conversion



#### DANGER:

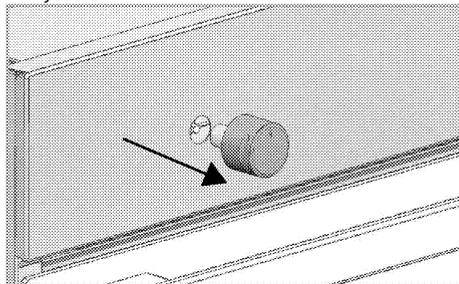
Before starting any work on the gas installation, disconnect the gas supply. There is the risk of explosion!

In order to change your appliance's gas type, change all injectors and make flame adjustment for all valves at reduced flow rate position.

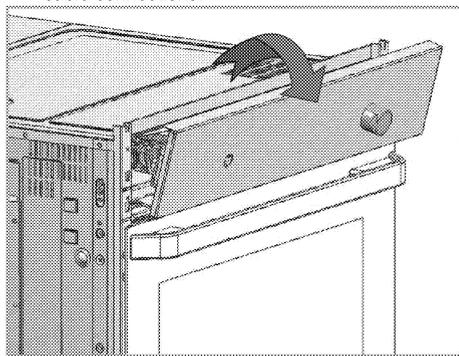
### Reduced flow adjustment for the gas oven

Reduced flow rate adjustment is extremely important for the appropriate functioning of the oven. In order to provide maximum security to the user these operations have to be done with care.

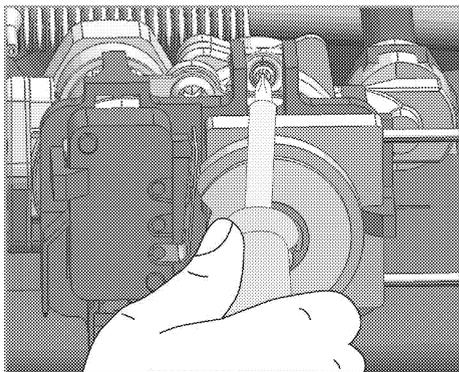
1. Remove the thermostat knob by pulling towards yourself.



2. Unscrew the screws located side the control panel and remove the panel bottom sheet.
3. Release the control panel by releasing it from the two notches and keep it free by taking care of the cable connections.



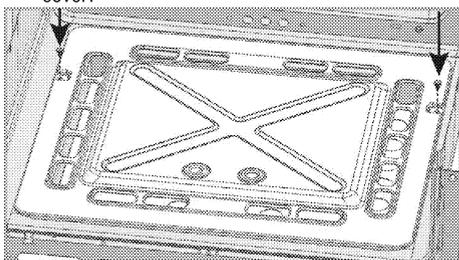
4. Ignite the burner that is to be adjusted and turn the knob to the high flame position. Gas thermostat is allowed to sense the heat. Bring it to idle position and check whether the flame size is reduced.
5. Set the flame length by means of the screw on the oven top. Turning in clockwise direction reduces the flame, turning anticlockwise increases the flame.



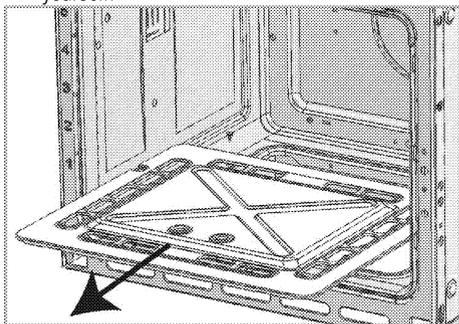
If the temperature of the oven increases excessively, turn off the oven and call the authorised service to have oven thermostat repaired.

### Exchange of injector for the gas oven

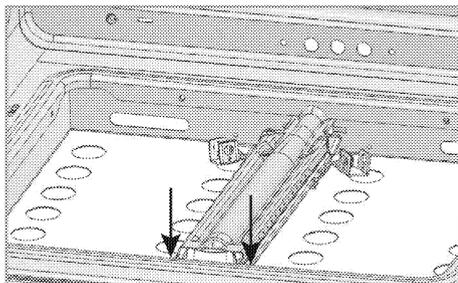
1. Open oven door.
2. Unscrew the two screws locate on oven burner's cover.



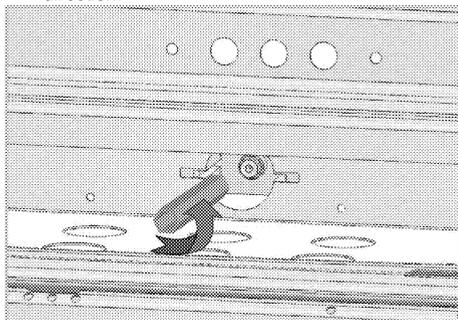
3. Remove oven burner's cover by pulling towards yourself.



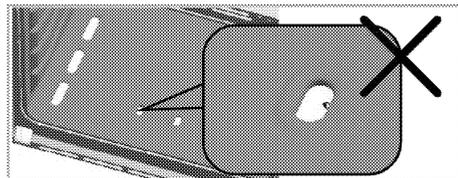
4. Unscrew screws locate on oven burner.



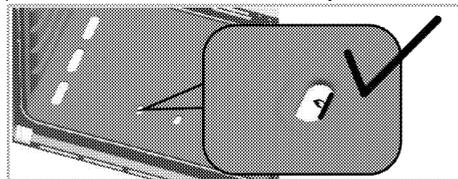
5. Remove the oven burner from housing.
6. Unscrew injector by turning to counter-clockwise direction.



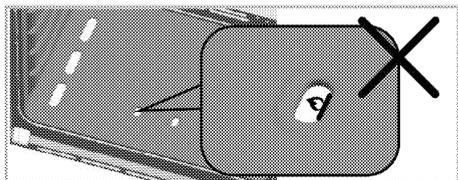
7. Fit new injector.
- Set the flame to optimum length as shown in figure below by means of the screw 1 on the oven tap. Turning clockwise direction reduces the flame, turning counter-clockwise increases the flame.



If the flame is too small,  
\* oven temperature can be too low, thus cooking performance can be affected adversely.



Ideal flame length provides the best performance.



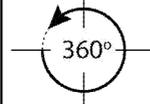
If the flame is too big,  
 \* oven temperature can be too high, thus cooking performance can be affected adversely.

**i** After making gas flame adjustment open and close the door repeatedly and make sure that oven flame does not go out.

**i** If the gas type of the unit is changed, then the rating plate that shows the gas type of the unit must also be changed.

Natural gas to Butane/propane (LPG)	Butane/propane (LPG) to Natural Gas (G2 350 13mbar Poland local gas)
-------------------------------------	--

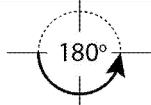
Tighten the screw by turning it clockwise until the end.	Loosen the screw 360° (approximately)
--	---------------------------------------



**i** Reduced flow adjustment can vary depending on the product, burner and gas type. Make sure flame length is in accordance with the figure above.

Natural gas to Butane/propane (LPG)	Butane/propane (LPG) to Natural Gas (G20 20mbar/ G25 25 mbar / G25.3 25mbar)
-------------------------------------	--

Tighten the screw by turning it clockwise until the end.	Loosen the screw 180° (approximately)
--	---------------------------------------



Natural gas to Butane/propane (LPG)	Butane/propane (LPG) to Natural Gas (G20 10mbar/ G20 13 mbar)
-------------------------------------	---

Tighten the screw by turning it clockwise until the end.	Loosen the screw 270° (approximately)
--	---------------------------------------



### 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.

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

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

## 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.
- Defrost frozen dishes before cooking them.

### 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.

#### Gas oven

1. Take all baking trays and the wire grill out of the oven.
2. Close the oven door.
3. Select the highest flame of the gas oven; see *How to use the gas oven, page 22*.
4. Operate the oven about 30 minutes.
5. Turn off your oven; See *How to use the gas oven, page 22*

#### Grill oven

1. Take all baking trays and the wire grill out of the oven.
2. Close the oven door.
3. Select the grill; see *How to operate the grill, page 25*.
4. Operate the grill about 15 minutes.
5. Turn off your grill; see *How to operate the grill, page 25*



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 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.

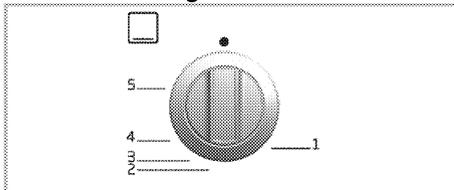
- Slide the wire shelf or baking tray with grill into the desired level in the oven. If you are grilling on the wire shelf, slide the baking tray to the lower rack to collect fats. Add some water in the tray for easy cleaning.



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 use the gas oven



The gas oven is operated by the gas oven control knob. In off position (top) the gas supply is Off.

#### Switch on the gas oven

The gas oven is automatically ignited by means of the gas oven control knob.

1. Keep gas oven control knob pressed and turn it **counterclockwise**.  
» An ignition spark is generated and the gas is ignited.
2. Keep the gas oven control knob pressed for another 3 to 5 seconds.
3. Be sure that gas has ignited and flame is present.
4. Select the desired baking power/ gas mark.
5. If there is no electricity; ignite the gas with the gas lighter from the ignition control hole.



#### DANGER:

There is the risk of gas compression and explosion!

Do not attempt to ignite the gas more than 15 seconds. If the burner is not ignited within 15 seconds, turn off the knob and wait for 1 minute. Ventilate the room before reattempting to ignite the burner. There is the risk of gas compression and explosion!

#### Switch off the gas oven

1. Turn gas oven control knob to off position (top).

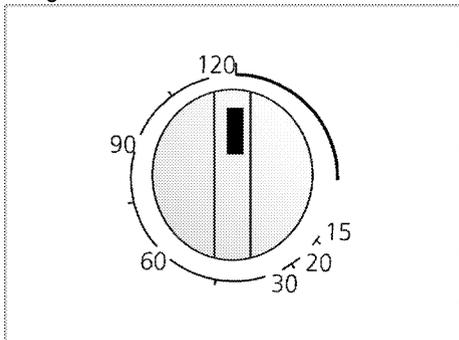
## Gas level temperature chart without fan

Gas level	1	2	3	4	5
Temperature in °C	165	175	190	225	280

## Operating with fan

Gas level	1	2	3	4	5
Temperature in °C	155	165	180	210	260

## Using the clock as an alarm



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.

## Setting the alarm clock

1. Turn the Time Adjustment knob clockwise to determine for how long the alarm will sound.
2. The knob will turn counterclockwise at the end of the cooking time and the alarm will sound. Alarm clock does not turn off the oven.



Turn the Function knob counter clockwise to off position to turn off the oven.

## Operating modes

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

## Oven lamp



The oven is not heated. Only the oven lamp is turned on.

Possibly, the external cooling fan will also operate to avoid heating of the compartments.

Other functions are for cooking; select suitable temperature for your food.

## 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.

## Full grill with turnspit



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

## Cooking times table



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



Maximum load capacity of oven tray: 4 kg (8.8 lb).



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.

Stand dishes on a baking sheet to prevent spillages onto oven base and help keep oven clean.

## Baking and roasting - without fan

Food	Accessory to use	Preheating *	Insertion level	Control knob position	Cooking time
Apple pie	Round black metal dish with a diameter of 20 cm on wire grill***	10 min.	4	1..2	60...70 min.
Fruit tart	Round black metal dish with a diameter of 20 cm on wire grill***	10 min.	4	1..2	60...70 min.
Pie	Round black metal dish with a diameter of 20 cm on wire grill***	10 min.	4	1..2	60...70 min.
Cookies	Standard tray**	10 min.	4	1..2	30...40 min.
Pastry	Standard tray**	10 min.	4	3	45...55 min.
Cake	Cake mold on wire grill***	10 min.	4	1..2	50...70min.
Biscuits	Standard tray**	10 min.	4	1..2	30...40 min.
Roast lamb	Standard tray**	10 min.	3..4	15 min. 5 / max. then 3	70...90 min.
Roast Beef	Standard tray**	10 min.	3..4	20 min. 5 / max then 3	75...90 min.
Turkey	Standard tray**	10 min.	3	20 min. 5 / max. then 3	100...120 min.
Poultry	Standard tray**	10 min.	3	15 min. 5 / max. then 3	90...100 min.
Casseroles	Standard tray**	10 min.	3...4	1..2	90...120 min.
Fish	Standard tray**	10 min.	4	3	35...45 min.
Macaroni	Standard tray**	10 min.	4	1..2	50...60 min.
Victoria sandwich	Standard tray**	10 min.	4	1..2	25...35 min.
Pizza	Standard tray**	10 min.	4	3	20...25 min.

\* at control knob position 5

\*\* These accessories may not be supplied with the product.

\*\*\* These accessories are not supplied with the product. They are commercially available accessories.

## Baking and roasting - operating with fan

Food	Accessory to use	Preheating *	Insertion level	Control knob position	Cooking time
Apple pie	Round black metal dish with a diameter of 20 cm on wire grill***	10 min.	4..5	3	55...65 min.
Fruit tart	Round black metal dish with a diameter of 20 cm on wire grill***	10 min.	4..5	3	55...65 min.
Pie	Round black metal dish with a diameter of 20 cm on wire grill***	10 min.	4..5	3	55...65 min.
Cookies	Standard tray**	10 min.	4..5	2..3	30...35 min.
Pastry	Standard tray**	10 min.	4..5	4	45...55 min.
Cake	Cake mold on wire grill***	10 min.	4..5	3	35...45 min.
Biscuits	Standard tray**	10 min.	4..5	2..3	30...35 min.
Roast lamb	Standard tray**	10 min.	3..4	15 min. 5 / max. then 3	70...85 min.
Roast Beef	Standard tray**	10 min.	3..4	15 min. 5 / max. then 3	75...85 min.
Turkey	Standard tray**	10 min.	3	20 min. 5 / max then 3	100...120 min.
Poultry	Standard tray**	10 min.	3	15 min. 5 / max. then 3	90...110 min.
Casseroles	Standard tray**	10 min.	3..4	3	90...120 min.
Fish	Standard tray**	10 min.	4	4	30...40 min.
Macaroni	Standard tray**	10 min.	4..5	3	45...60 min.
Victoria sandwich	Standard tray**	10 min.	4..5	2	25...35 min.
Pizza	Standard tray**	10 min.	4	4	15...20 min.

\* at control knob position 5

\*\* These accessories may not be supplied with the product.

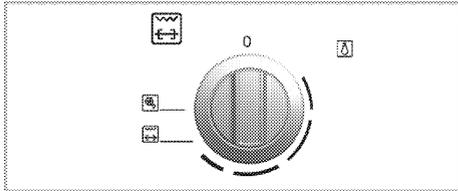
\*\*\* These accessories are not supplied with the product. They are commercially available accessories.

## How to operate the grill



### WARNING

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



### Switching on the grill

1. Turn the Function knob clockwise to the Grill symbol.
  2. If required, perform a preheating of about 5 minutes.
- » Temperature light turns on.



Do not attempt to turn the Function knob **clockwise** to set it to the Off (upper) position.

### Switching off the grill

1. Turn the Function knob **counterclockwise** to Off (upper) 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.

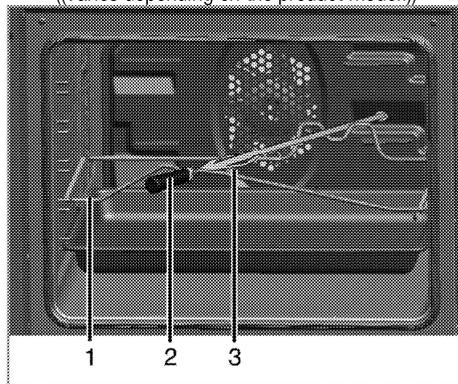
## Turnspit function

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 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.

## 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:

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.



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 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.

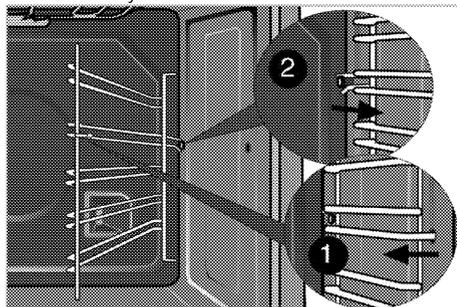
Control panel may get damaged!

### 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.

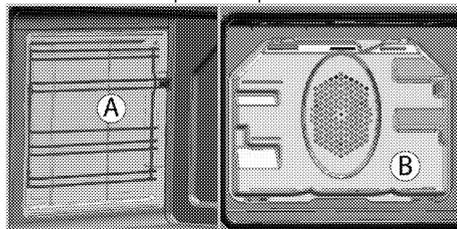


### Catalytic walls

(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.



### Clean oven door

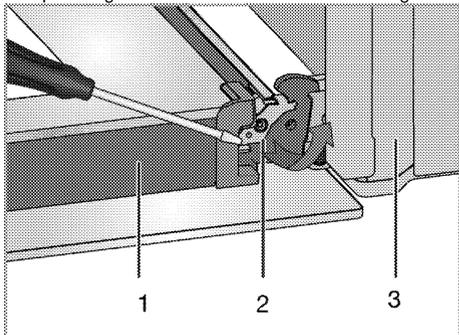
To clean the oven door, use warm water with washing liquid, a soft cloth or sponge to clean the product and wipe it with a dry cloth.



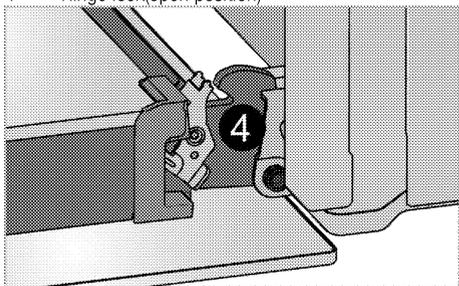
Don't use any harsh abrasive cleaners or sharp metal scrapers for cleaning the oven door. They could scratch the surface and destroy the glass.

## Removing the oven door

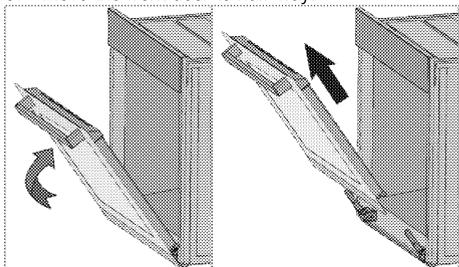
1. Open the front door (1).
2. Open the clips at the hinge housing (2) on the right and left hand sides of the front door by pressing them down as illustrated in the figure.



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



3. Move the front door to half-way.



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

**i** 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.

## 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.



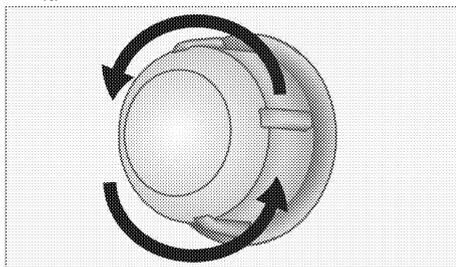
The lamp used in this appliance is not suitable for household room illumination. The intended purpose of this lamp is to assist the user to see foodstuffs.



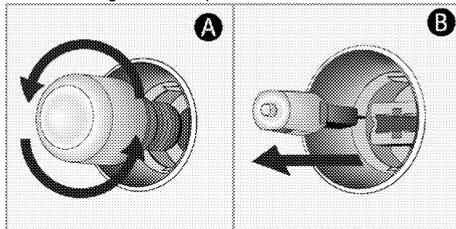
The lamps used in this appliance have to withstand extreme physical conditions such as temperatures above 50 °C.

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

1. Disconnect the product from mains.
2. 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.

## 7 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.*

### There is no ignition spark.

- No current. >>> *Check fuses in the fuse box.*

### There is no gas.

- Main gas valve is closed. >>> *Open gas valve.*
- Gas pipe is bent. >>> *Install gas pipe properly.*



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.





