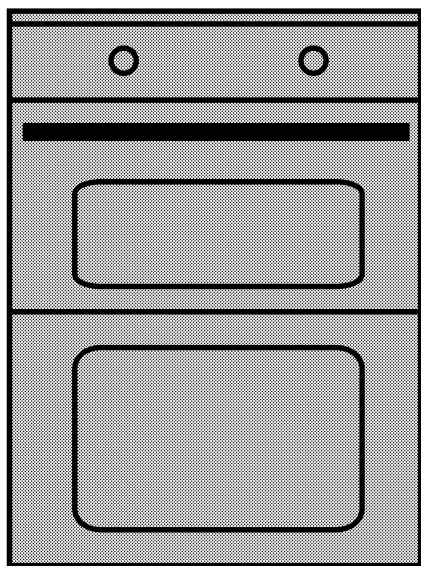


Double Cavity

User manual



KDG581W

EN

485.3016.28/R.AA/06.07.2017

Please read this user manual first!

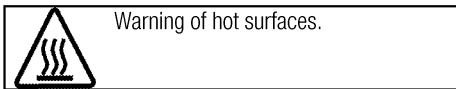
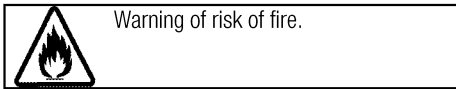
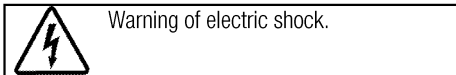
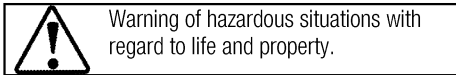
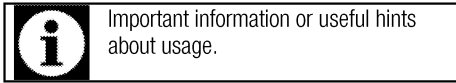
Dear Customer,

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.

Intended use

CAUTION

- This appliance is designed for cooking food (baking, roasting, grilling of food and defrosting) and is intended for indoor domestic household and static home use only.
- This appliance should not be used for any other purpose or in any other application, such as for non-domestic use or in a commercial environment.
- In addition this appliance is not suitable for use on any type of boat (offshore, inland waterway, canal boat or houseboat), caravans or motor homes. Installation in static caravans and mobile homes is permitted.
- Incorrect installation environments will void the guarantee.
- This appliance should not be used for warming plates under the grill, drying towels, dish cloths etc. by hanging them on the oven door

handles or for room heating purposes.

- The manufacturer shall not be liable for any damage caused by improper use or handling.

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 Authorized Service Agents. The manufacturer shall not be held responsible for damages arising from procedures carried out by unauthorized 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 14*
- 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.
- 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 your 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.
 - Call the Gas Emergency Services immediately on 0800 111 999. If you have door or gates that are secured by an electric lock, or entry phone, please open these manually.
- 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 Authorized 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 authorized 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

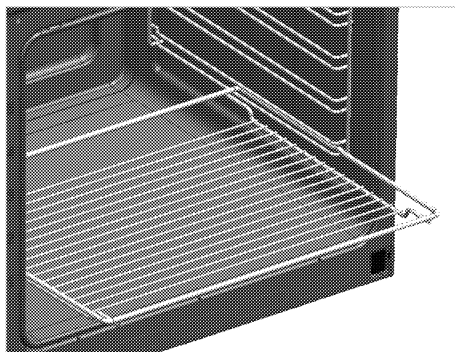
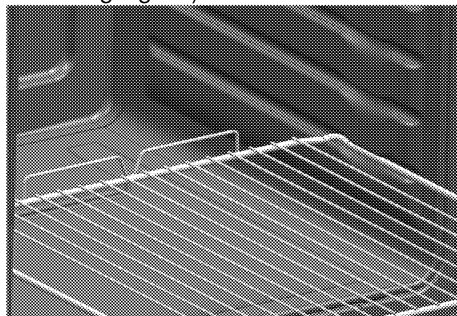
to avoid touching heating elements. Children less than 8 years of age shall be kept away unless continuously supervised.

- 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.
- Do not use the oven handle to hang towels for drying. Do not hang up towel, gloves, or similar textile products when the grill function is at open door.
- 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.

- 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.
- 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.
- 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.

Safety for children

- **WARNING:** Accessible parts may become hot during use. Young children should be kept away.

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.
- Secure the caps and pan supports with adhesive tape.
- Do not use the door or handle to lift or move the product.



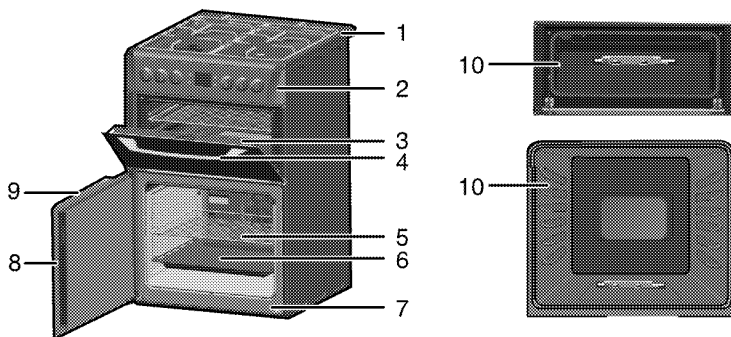
Do not place any objects onto the product and move it in upright position.



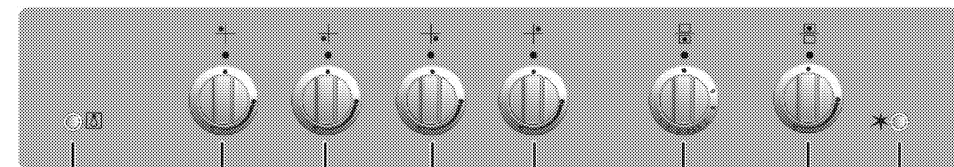
Check the general appearance of your product for any damages that might have occurred during transportation.

2 General information

Overview



- | | | | |
|---|---------------|----|-----------------|
| 1 | Burner plate | 6 | Tray |
| 2 | Control panel | 7 | Rating plate |
| 3 | Top oven door | 8 | Main oven door |
| 4 | Handle | 9 | Handle |
| 5 | Wire shelf | 10 | Shelf positions |



- | | | | |
|---|------------------------------|---|---------------------------|
| 1 | Lamp button | 5 | Normal burner Rear right |
| 2 | Normal burner Rear left | 6 | Main oven thermostat knob |
| 3 | Rapid burner Front left | 7 | Top oven thermostat knob |
| 4 | Auxiliary burner Front right | 8 | Ignition button |

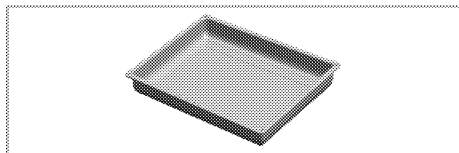
Package contents



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

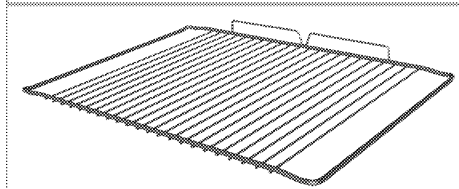
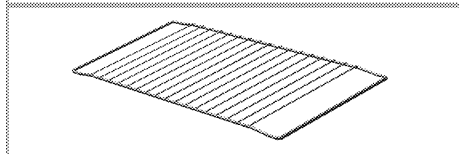
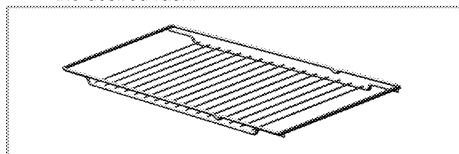
1. **User manual**
2. **Small oven tray**

Used for small portions. This oven tray is placed onto the wire shelf.



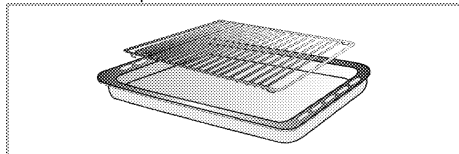
3. **Wire Shelf**

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



4. **Small wire shelf**

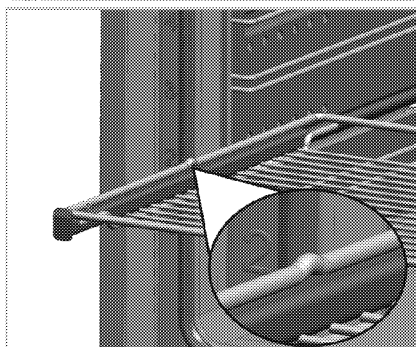
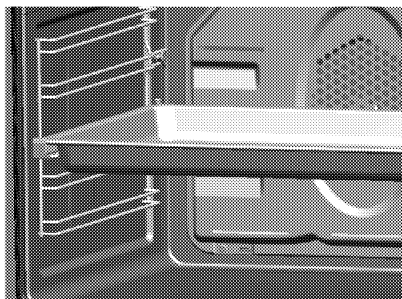
It is placed into the tray (if supplied) in order to collect the dripping fat while grilling so that the oven is kept clean.



5. **Placing the wire shelf and tray onto the telescopic racks properly**
(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. **Wire shelf shield metal**

Can be used for roasting and as deposit for baking, roasting and casserole dishes. In order to get best cooking performance it should be used together with the wire shelf shield metal on the rear side.



1. **Metal shield**

Metal shield should be attached on the rear-upper side of wire shelf. Use the wire shelf as its bended side positioned on the front of the cavity and turned downside.

Technical specifications

GENERAL	
External dimensions (height / width / depth)	900 mm/500 mm/600 mm
Voltage / frequency	220-240 V ~ 50 Hz
Fuse	min. 13 A
Cable type / section	min.H05VV-FG 3 x 0,75 mm ² or equivalent
Category of gas product	II 2H3+
Gas type / pressure	NG G 20/20 mbar
Total gas consumption	12,5 kW
Converting the gas type / pressure ^S	LPG G 30/28-30 mbar
– optional	Propane 31/37 mbar
HOB	
Burners	
Rear left	Normal burner
Power	2 kW
Front left	Rapid burner
Power	2.9 kW
Front right	Auxiliary burner
Power	1 kW
Rear right	Normal burner
Power	2 kW
OVEN/GRILL	
Top oven	Grill oven
Grill power consumption	2.1 kW
Main oven	Gas oven
Gas consumption of oven	2.5 kW



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

Position hob zone	2000 W Rear left	2900 W Front left	1000 W Front right	2000 W Rear right
Gas type / Gas pressure				
G 20/20 mbar	103	115	72	103
G 30/28-30 mbar/ G 31/ 37 mbar	72	87	50	72
Gas type / Gas pressure-Top Cavity		Grill		
G 20/20 mbar		105		
G 30/28-30 mbar/ G 31/ 37 mbar		71		
Gas type / Gas pressure-Main OVEN		Gas oven		
G 20/20 mbar		115		
G 30/28-30 mbar / G 31/ 37 mbar		78		

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.

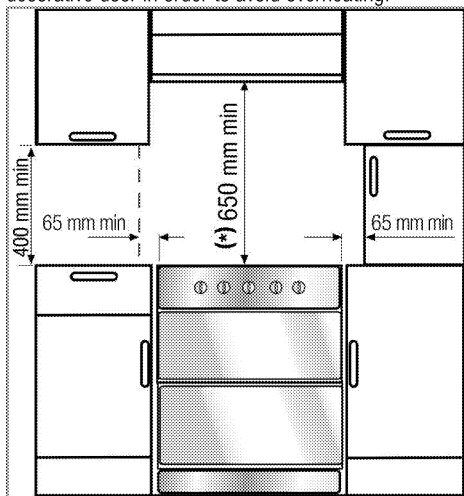
Before installation

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.

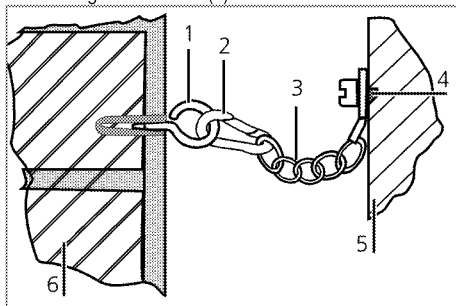
The appliances must not be installed behind a decorative door in order to avoid overheating.



- 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 650 mm above the hob surface.
- (*) If a cooker hood is to be installed above the cooker, refer to cooker hood manufacturer's instructions regarding installation height (min 650 mm).
- Movement of your appliance is most easily achieved by lifting the front as follows and pulling towards. Open the top oven door and the bottom oven door sufficiently to allow a comfortable grip on the underside front edge of the oven roofs. While gripping, it should be avoided to damage any grill elements or oven interior furniture.
- 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

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



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 not designed with bracket engagement slot.

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 room ventilation is essential for safe operation of your appliance.

If the room where the appliance is installed does not have a door or a window that opens directly to the outer environment, there must definitely be a fixed ventilation opening in the room. The fixed ventilation must be nonadjustable and non-closable.

On the doors or windows that open directly to the outer environment, there must be a ventilation opening with the dimensions specified based on the total gas power of the appliance (as shown below). You can find the gas power and ventilation opening match-up in the table below.

Total gas consumption (kW)	min. Ventilation opening (cm ²)
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

If the doors or windows that open directly to the outer environment do not have openings corresponding to the ventilation opening specified according to the total gas power of the product, there must definitely be a fixed ventilation opening in the room. The fixed ventilation opening should also be in compliance with the values in the gas power-ventilation opening table. There should be a minimum clearance of 10 mm on the bottom edge of the door -that opens to the inner environment- in the room where the product is installed. You must make sure that items such as carpets, floorings, etc. do not cover this 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 shower. The cooker must not be installed in a bed-sitting room of less than 20m³.

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

CAUTION

- This appliance is designed for cooking food (baking, roasting, grilling of food and defrosting) and is intended for indoor domestic household and static home use only.
- This appliance should not be used for any other purpose or in any other application, such as for non-domestic use or in a commercial environment.
- In addition this appliance is not suitable for use on any type of boat (offshore, inland waterway, canal boat or houseboat), caravans or motor homes. Installation in static caravans and mobile homes is permitted.
- Incorrect installation environments will void the guarantee.
- This appliance should not be used for warming plates under the grill, drying towels, dish cloths etc. by hanging them on the oven door handles or for room heating purposes.
- The manufacturer shall not be liable for any damage caused by improper use or handling.

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 fuse 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.



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

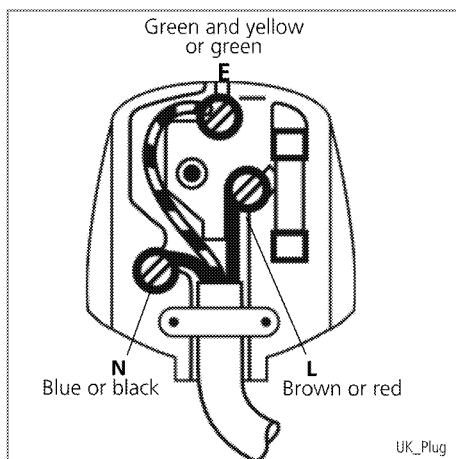
The moulded plug on this appliance incorporates a 13 A fuse. Should the fuse need to be replaced an ASTA approved BS1362 fuse of the same rating must be used. Do not forget to refit the fuse cover. In the event of losing the fuse cover, the plug must not be used until a replacement fuse cover has been fitted. Colour of the replacement fuse cover must be the same colour as that visible on the pin face of the plug. Fuse covers are available from any good electrical store.

- **Fitting a different plug**

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals on your plug, proceed as follows:

- Brown cable = L (Live)
- Blue cable = N (Neutral)
- Green/yellow cable must be connected to ground (E)  line.

With the alternative plugs a 13 A fuse must be fitted either in the plug or adaptor or in the main fuse box. If in doubt contact a qualified electrician.

**DANGER:**

Before starting any work on the electrical installation, disconnect the product from the mains supply.

There is the risk of electric shock!

Connect 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).
- In the UK, Gas Safe registered installers (including the Regions of British Gas) undertake to work to safe and satisfactory standards.

Regulations

The cooker must be installed in accordance with the Gas Safety (Installation and Use) Regulations and the relevant Building Regulations in force.

-



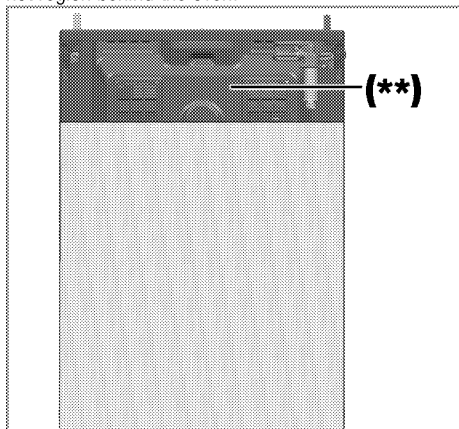
Your product is equipped for natural gas (NG).

The cooker is designed for UK installation using a flexible connection with tubing in accordance with the regulations in force. Length of 900mm is recommend.

Make sure that the natural gas valve is readily accessible.

Service Representative will remove the plug during connection and connect your appliance by means of a straight connection device (coupling).

If a flexible hose is used it must not come into contact with the top 150mm/6 inches (hot region) of the rear of the appliance. Do not pass the hose through the (**) hot region behind the oven.



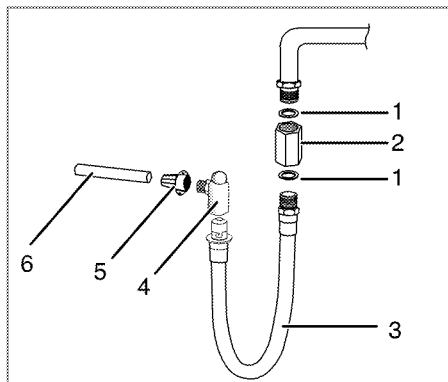
(**) Hot region



If you need to use your appliance later with a different type of gas, you must consult an authorised service centre for the related conversion procedure.

Seal all connections with gas sealant.

1. Shut gas supply.
2. Connect safety (gas) hose 5 to the inlet valve of the oven.
3. Connect gas hose with elbow joint 6.



- 1 Gasket
- 2 Adapter (optional) with 1/2" outlet
- 3 Gas (safety) hose
- 4 Valve with 90° outlet
- 5 Connection piece
- 6 Gas supply pipe



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.

- 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. Open gas supply.
2. Check gas installations for secure fitting and tightness.
3. Ignite burners and check appearance of the flame.



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.

- **Gas conversion must only be carried out by a Gas Safe registered installer or service agent.**

Exchange of injector for the burners

1. Take off burner cap and burner body.
2. Unscrew injectors by turning the counter-clockwise.
3. Fit new injectors.
4. Check all connections for secure fitting and tightness.

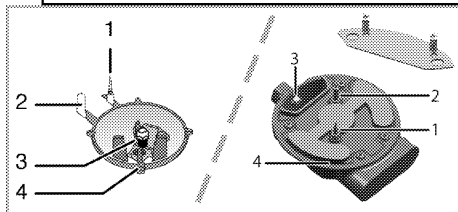


New injectors have their position marked on their packing or injector table on *Injector table, page Error! Bookmark not defined.* can be referred to.



((Varies depending on the product model.))

On some hob burners, the injector is covered with a metal piece. This metal cover must be removed for injector replacement.



- 1 Flame failure device (model dependant)
- 2 Spark plug
- 3 Injector
- 4 Burner



Unless there is an abnormal condition, do not attempt to remove the gas burner taps. You must call an Authorised service agent or technician with licence if it is necessary to change the taps.

Reduced gas flow rate setting for hob taps

1. Ignite the burner that is to be adjusted and turn the knob to the reduced position.
2. Remove the knob from the gas tap.
3. Use an appropriately sized screwdriver to adjust the flow rate adjustment screw.

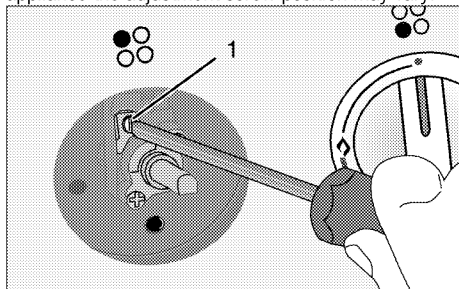
For LPG (Butane - Propane) turn the screw clockwise.

For the natural gas, you should turn the screw **counter-clockwise**.

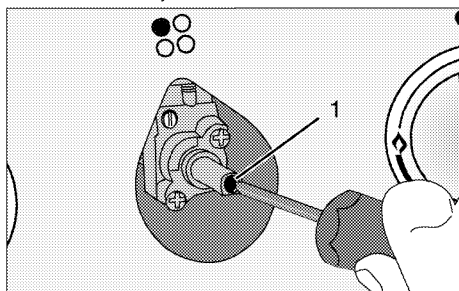
» The normal length of a straight flame in the reduced position should be 6-7 mm.

4. If the flame is higher than the desired position, turn the screw clockwise. If it is smaller turn anticlockwise.
5. For the last control, bring the burner both to high-flame and reduced positions and check whether the flame is on or off.

Depending on the type of gas tap used in your appliance the adjustment screw position may vary.



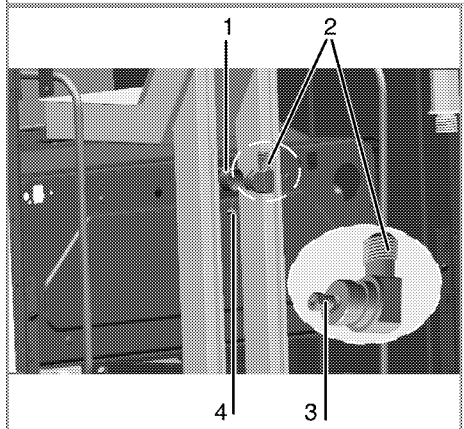
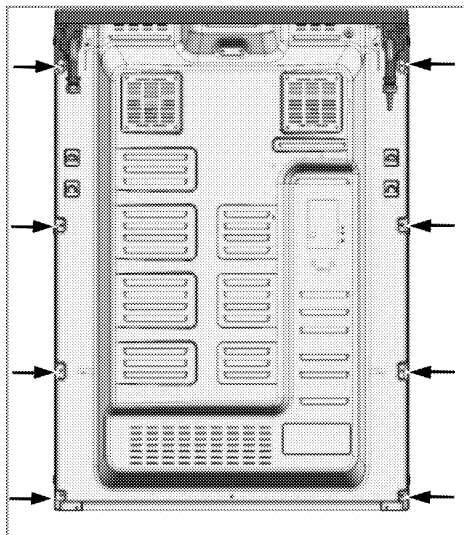
1 Flow rate adjustment screw



1 Flow rate adjustment screw

Exchange of injector for grill burner

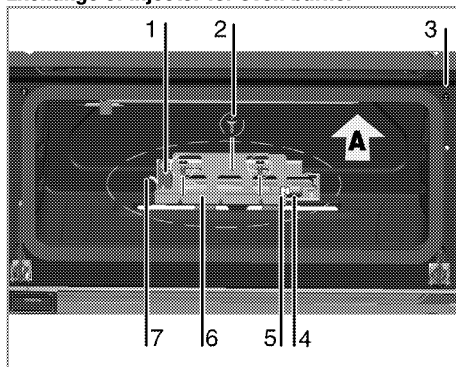
1. Unscrew the screws fixing the rear cover sheet .



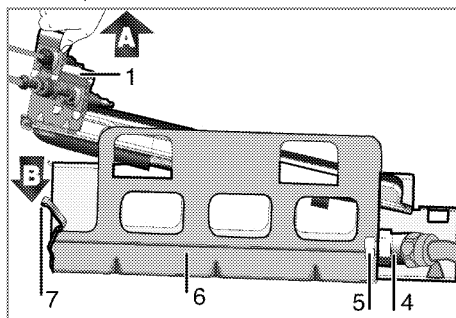
- 1 Grill burner
- 2 Injector holder
- 3 Injector
- 4 Fixing screw
2. After removing the rear cover sheet, you can reach the grill burner tube (1) and grill injector holder (2).
3. Unscrew the grill injector holder (2) fixing screw (4).
4. Unscrew the injector (3) and replace it with appropriate injector, see injector table, on *Injector table, page Error! Bookmark not defined.*
5. Conduct the leakage control after replacing the injector.

6. Assemble the injector holder (2) into the grill burner tube (1).
7. Fix the injector holder by the screw (4).
8. Assemble the rear cover sheet.

Exchange of injector for oven burner



- 1 Oven burner
- 2 Screw (3 pieces)
- 3 Cut-off valve
- 4 Injector holder
- 5 Injector
- 6 Oven burner holder
- 7 Clips



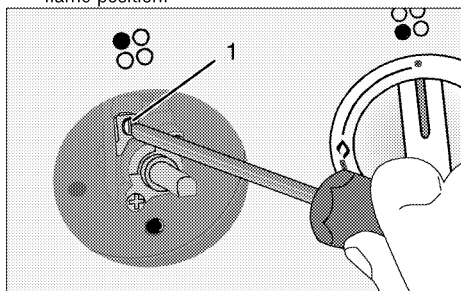
1. Unscrew 3 screws (2) to remove oven burner (1) and oven burner holder (7).
2. Gently pull up burner and holder in "A" direction- be careful with gas connection tube and thermocouple.
3. Push the clips (7) in "B" direction to disassemble oven burner (1) and its holder(6).
4. Unscrew the injector (5) and replace it with appropriate injector, see, *Injector table, page Error! Bookmark not defined.* injector table.
5. Conduct the leakage control after replacing the injector.

6. Assemble the oven burner (1) to its holder (6) by pushing the burner on the clips (7) in "B" direction.
7. Mount the oven burner (1) and holder (6) as a group to the cavity by screwing 3 screws (2).

Reduced flow adjustment for the gas oven

For the appropriate functioning of the oven re-checking the by-pass adjustment is extremely important. In order to provide maximum security to the user these operations have to be done with care.

1. Ignite the burner that is to be adjusted and turn the knob to the high flame position.
2. Close the oven door and wait for 10 to 15 minutes until the oven becomes ready for adjustment.
3. Take out the knob
4. After 15 minutes, adjust the oven to the lowest flame position.



5. Set the flame length to 2 to 3 mm by means of the screw 1 on the oven tap. Turning in clockwise direction reduces the flame, turning counter-clockwise increases the flame.

i If gas flow rate of oven cannot be set with removing knob, please remove the needed oven parts (control panel, burner plate etc.) and then set the gas flow rate of oven.

i If the temperature of the oven increases unintendedly, turn off the oven and call the authorised service agent or technician with licence to have oven thermostat repaired.

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.

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.
- 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.

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 24.
4. Operate the oven about 30 minutes.
5. Turn off your oven; See *How to use the gas oven*, page 24



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



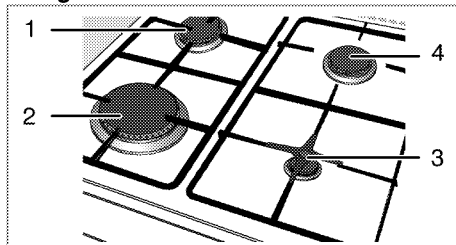
Never fill the pan with oil more than one third of it. Do not leave the hob unattended when heating oil. Overheated oils bring risk of fire. **Never attempt to extinguish a possible fire with water!** When oil catches fire, cover it with a fire blanket or damp cloth. Turn off the hob if it is safe to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

Gas cooking

- Size of the vessel and the flame must match each other. Adjust the gas flames so that they will not extend the bottom of the vessel and center the vessel on saucepan carrier.

Using the hobs



List of advised diameter of pots to be used on related burners.

- 1 Normal burner 18-20 cm
- 2 Rapid burner 22-24 cm
- 3 Auxiliary burner 12-18 cm
- 4 Normal burner 18-20 cm is list of advised diameter of pots to be used on related burners.

Large flame symbol indicates the highest cooking power and small flame symbol indicates the lowest cooking power. In turned off position (top), gas is not supplied to the burners.

Igniting the gas burners



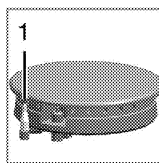
Gas burners are ignited with ignition buttons.

1. Keep burner knob pressed.
2. Turn it counter clockwise to large flame symbol.
3. Press and release the ignition button. Repeat the procedure until the released gas is ignited.
4. Adjust it to the desired cooking power.

Turning off the gas burners

Turn the knob to off (upper) position.

Gas shut off safety system (in models with thermic component)



1. Gas shut off safety

As a counter measure against blow out due to fluid overflows at burners, safety mechanism trips and shuts off the gas.

- Push the knob inwards and turn it counter clockwise to ignite.
- After the gas ignites, keep the knob pressed for 3-5 seconds more to engage the safety system.
- If the gas does not ignite after you press and release the knob, repeat the same procedure by keeping the knob pressed for 15 seconds.



DANGER:

Release the button if the burner is not ignited within 15 seconds.

Wait at least 1 minute before trying again.

There is the risk of gas accumulation and explosion!

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 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.

Tips for baking

Select the correct shelf position before turning the oven on – don't move oven shelves when hot.

- Always preheat the oven first for 10 minutes to ensure the food is at the correct temperature as soon as it goes into the oven.
- Use good quality baking tins such as non stick or aluminium. Line tins with greaseproof or baking paper to prevent sticking, if necessary.
- Do not fill cake tin more than half full.

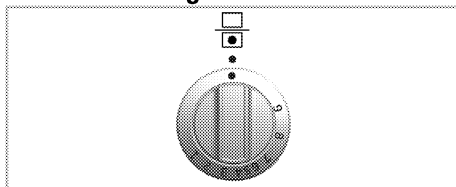
- If baking one tray of food or cake, place centrally on the shelf level and centrally in the oven.
- If cooking on more than one level, swap food between the shelves at least halfway through cooking.
- Try not to open the oven door too much during cooking.
- To check if a cake is cooked, insert a skewer or cocktail stick into the centre. If it comes out clean, the cake is done, if it has food stuck to it, continue to cook the cake for a few minutes more and repeat the process.

Tips for roasting

Preheat oven first.

- If possible take meat or poultry out of refrigerator 30 minutes before cooking.
- Weigh meat first and calculate how long it will take to cook.
- Before cooking meat or poultry, lightly coat with butter or oil and season with salt, pepper, herbs, or other seasoning. Place in a roasting dish and use a rack to lift the meat out of its juices. Place dish in centre of oven.
- Turn meat over halfway through cooking.
- If the roasted meat is covered with foil, (it helps to keep the oven clean), always uncover for the last half an hour of cooking to allow browning.
- Remove meat from oven once cooked and stand covered in foil for 10-15 minutes to allow the meat to relax and juices to be reabsorbed which ensures the roast is tender and moist.

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 ignited with the ignition button.

1. Open oven door.
2. Keep gas oven control knob pressed and turn it **counterclockwise**.
3. Press ignition button and release it again.
4. Keep the gas oven control knob pressed for 3 to 5 seconds.

- » Repeat the process until the emanating gas is ignited.
- Keep the gas oven control knob pressed for another 3 to 5 seconds. Be sure that gas has ignited and flame is present.
 - Select the desired baking power/ gas mark.
 - 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

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

Gas level temperature conversion chart

Gas level	1	2	3	4	5	6	7	8	9
Temperature in °C	130	140	150	170	180	200	220	250	280
Temperature in °F	266	285	302	338	356	395	430	482	536

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

Food	Preheating *	Insertion level	Control knob position	Cooking time
Roast beef; Sirloin, topside, topround, rib	10 min.	2	5 - 6	20...40 mins then per 450 g/lb + 30 mins Medium 20 mins then per 450 g/lb + 20 mins, Well done 25 mins then per 450 g/lb + 25 mins
Roast Lamb; Leg, shoulder, rack, breast, whole neck fillet	10 min.	2	5 - 6	20...40 mins then per 450 g/lb + 20 mins
Roast pork; loin, shoulder, leg	10 min.	2	5 - 6	20...40 mins then per 450 g/lb + 25 mins
Roast chicken	10 min.	2	6 - 7	30...40 mins then per 450 g + 20 mins
Roast turkey	10 min.	2	6 - 7	30...40 mins, then per 450 g + 25 mins
Casseroles	—	2	4 - 5	2...3 hours
Whole fish	10 min.	2	4 - 5	25...35 mins ^s
Pasta bake	10 min.	3	5	30...40 mins ^s
Fruit pies (260mm)	10 min.	3	5 - 6	45...60 mins ^s
Pizza	10 min.	2-3	4 - 5	15...25 mins, depending on thickness ^s
Small cakes - One tray	10 min.	3	4 - 5	30...50 mins
Victoria sandwich	10 min.	3	4 - 5	30...50 mins
Biscuits	10 min.	3	5	15...25 mins
Scones	10 min.	3	5	15...25 mins
Rich fruit cake (20-22cm)	10 min.	3	3	3...4 hours

* at control knob position 7 / ^s depending on quantity / ^s depending on size

How to operate the gas grill



WARNING

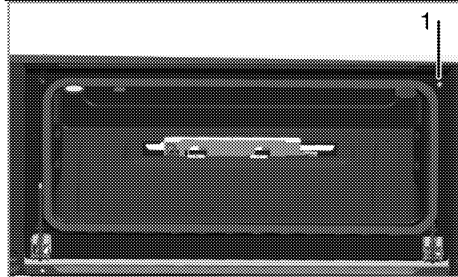
Hot surfaces may cause burns! Keep children away from the product.

Oven door remains slightly inclined when opened full and thus, possible splashes do not reach you.



WARNING

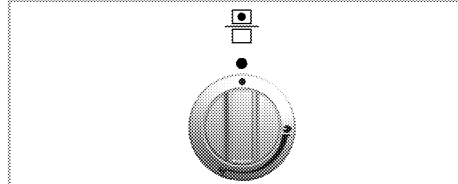
This product is designed for OPEN DOOR GRILLING.



1. Cut-off valve



The grill door has a cut-off valve (2). As a safety feature, this valve prevents the grill from working when the door is closed.



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

When the door fully open, it remains tilted slightly, so that any spillage will be directed away from you.

Switching on the grill

Gas grill is ignited with the ignition button.

1. Open the oven door.
2. Keep the knob pressed and turn it **counterclockwise** to the Grill symbol.
3. Press and release the ignition button.
» Repeat the procedure until the gas is ignited.
4. Keep the knob pressed for 3 to 5 seconds more.
5. Make sure that the grill is ignited.
6. If there is no electricity; ignite the gas with a gas lighter direct to grill burner.



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!

Switching off the grill

1. Turn the Grill control knob to Off (upper) position.



Do not use the top rack for grilling.



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.

Cooking times table

- If food is cooking too quickly, it can be placed in the bottom of the grill pan.
- Do not place cookware with rough bases on the oven door.
- Ensure that there is at least 25mm space at top of oven when grilling larger foods or cookware.
- Do not place aluminium foil on the wire rack to grill on.
- Turn food over to ensure it is cooked on both sides
- Preheat oven first

	1st rack of the grill is the bottom rack.
	Do not use the top rack for grilling.
	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.

Grilling

Food	Preparation/setting	Grilling time [#]
Toast	Place on wire rack in grill pan.	1-3 mins
Bacon	Place on wire rack in grill pan.	3-6 mins
Gammon steaks	Place on wire rack in grill pan.	8-15 mins
Beef burgers	Place on wire rack in grill pan.	8-15 mins
Sausages	Place on wire rack in grill pan.	6-10 mins
Chops, chicken pieces	Place on upturned wire rack in grill pan.	15-30 mins
Fish fillets, fish fingers	Place on wire rack in grill pan.	10-20 mins
Grilling /browning tops of foods e.g. cottage pie	Place on base of top oven.	3-6 mins
[#] depending on size resp. thickness		

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.



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

Gas hobs

1. Remove and clean the saucepan carriers and burner caps.
2. Clean the hob.
3. Install the burner caps and make sure that they are seated correctly.
4. When installing the upper grills, pay attention to place the saucepan carriers so that the burners are centered.

Cleaning the control panel

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



Do not remove the control buttons/knobs to clean the control panel.

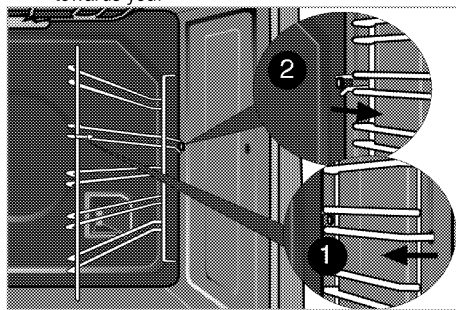
Control panel may get damaged!

Cleaning the oven

To clean the side wall

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

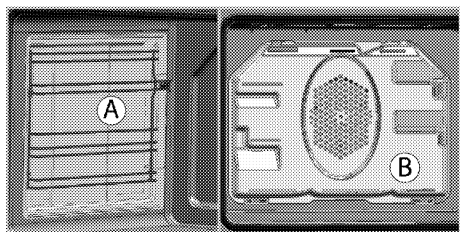
1. Remove the front section of the side rack by pulling it in the opposite direction of the side wall.
2. Remove the side rack completely by pulling it towards you.



Catalytic walls

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

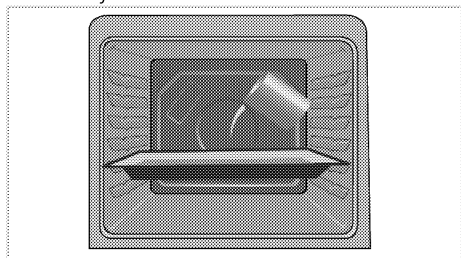
The inner side walls (A) and/or the rear wall (B) of your product may be coated with catalytic enamel. Catalytic walls have a light matte colour and a porous surface. Catalytic walls of the oven should not be cleaned. Porous surfaces of the catalytic walls are automatically cleaned by absorbing and converting the spilled oil (steam and carbon dioxide).



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.

Clean oven door

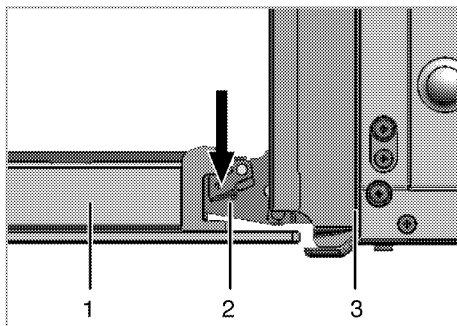
To clean the oven door, use warm water with washing liquid, a soft cloth or sponge to clean the product and wipe it with a dry cloth.



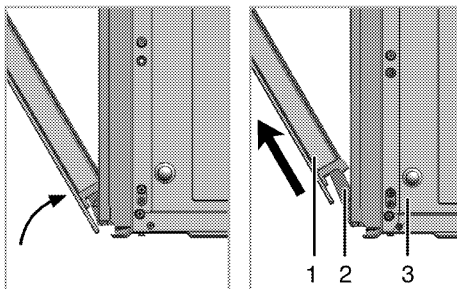
Don't use any harsh abrasive cleaners or sharp metal scrapers for cleaning the oven door. They could scratch the surface and destroy the glass.

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 Front door
- 2 Hinge
- 3 Oven



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.



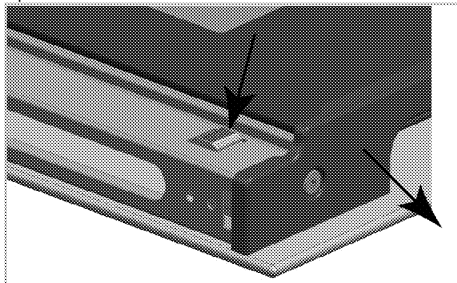
Steps carried out during removing process should be performed in reverse order to install the door. Do not forget to close the clips at the hinge housing when reinstalling the door.

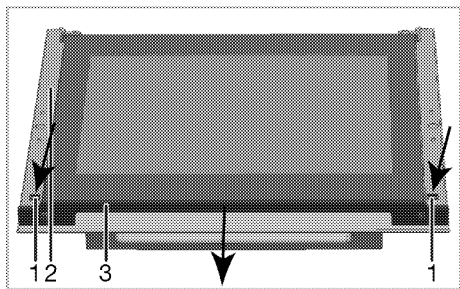
Removing the door inner glass

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

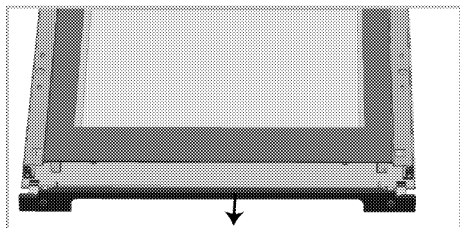
The entire inner glass panel of the oven door can be removed for cleaning.

Open the oven door.

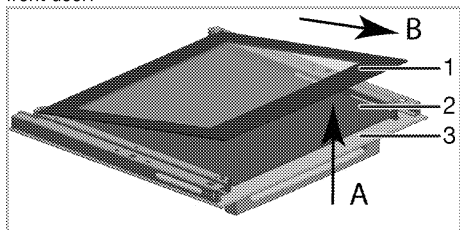




- 1 Tab
- 2 Frame
- 3 Profile



As illustrated in the figures above, press on the tabs (1) and pull the profile (3) towards yourself simultaneously to remove the profile attached to the upper side of the front door.

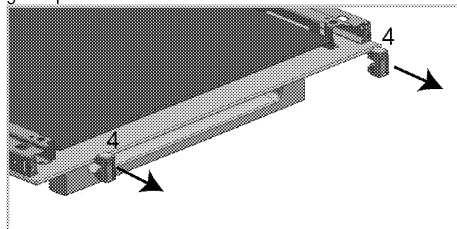


- 1 Innermost glass panel
- 2 Inner glass panel*
- 3 Outer glass panel
- * (It may not exist on your product.)

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

If your product is equipped with an inner glass panel;

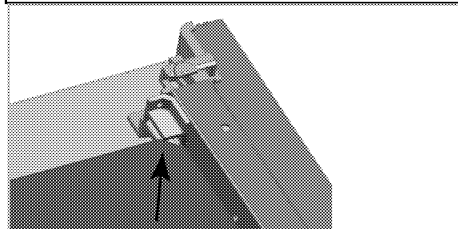
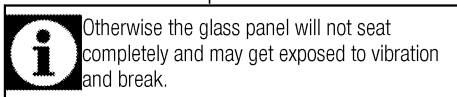
Pull the glass holder connecting elements in the middle as illustrated in the figure to free them from the glass panels.



- 4 Glass holder connecting element*
- * (It may not exist on your product.)

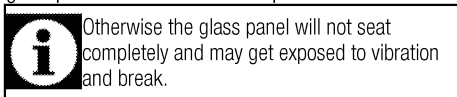
Repeat the same procedure to remove the inner glass panel (2). The first step to regroup the door is reinstalling inner glass panel (2).

As illustrated in the figure, place the glass panel so that it is inserted to the plastic slot.



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 that the lower corners of the innermost glass panel are seated into the plastic slots.



Please remember to place the glass holding connecting parts into their slots.

Finally, press on the tabs of the profile to make them seat into their slots again.

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.*

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.*

Burners are not burning properly or at all.

- Burners are dirty. >>> *Clean burner components.*
- Burners are wet. >>> *Dry the burner components.*
- Burner cap is not mounted safely. >>> *Mount the burner cap properly.*
- Gas valve is closed. >>> *Open gas valve.*
- Gas cylinder is empty (when using LPG). >>> *Replace gas cylinder.*

Baking takes too long.

Pipe pressure is low. >>> *Adjust a higher gas mark.*



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.

