



Built-In Hob
OV 644 DB

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:

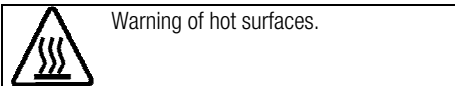
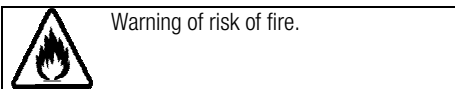
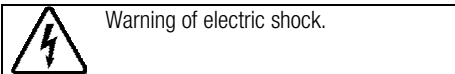
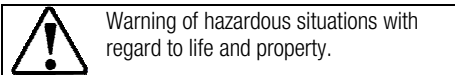
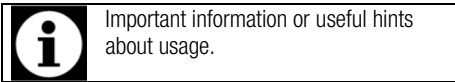


TABLE OF CONTENTS

1 Important instructions and warnings **for safety and environment** **4**

General safety	4
Electrical safety	4
Product safety	5
Intended use	6
Safety for children	6
Compliance with AEEE regulation and disposal of waste products	6
Package information	7

2 General information **8**

Overview	8
Technical specifications	9

3 Installation **10**

Before installation	10
Installation and connection	11

Future Transportation	13
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4 Preparation **14**

Tips for saving energy	14
Initial use	14
First cleaning of the appliance	14

5 How to use the hob **15**

General information about cooking	15
Using the hobs	16

6 Maintenance and care **17**

General information	17
Cleaning the hob	17

7 Troubleshooting **19**

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.

- 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.

- Control that the product function knobs are switched off after every use.

Electrical safety

- If the product has a failure, it should not be operated unless it is repaired by the 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!
- The product must be unplugged 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 similar qualified persons in order to avoid a hazard.

- The appliance must be installed so that it can be completely disconnected from the network. The separation must be provided either by a mains plug, or a switch built into the fixed electrical installation, according to construction regulations.
- 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.
- Do not place any flammable materials close to the product as the sides may become hot during use.
- Keep all ventilation slots clear of obstructions.
- Do not use steam cleaners to clean the appliance as this may cause an electric shock.
- 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.
- Danger of fire: Do not store items on the cooking surfaces.

Product safety

- 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.
- If the surface is cracked, switch off the appliance to avoid the possibility of electric shock.
- The appliance is not intended to be operated by means of an external timer or separate remote-control system.
- Vapour pressure that build up due to the moisture on the hob surface or at the bottom of the pot can cause the pot to move. Therefore, make sure that the oven surface and bottom of the pots are always dry.
- Use only hob guards designed by the manufacturer of the cooking appliance or indicated by the manufacturer of the appliance in

the instructions for use as suitable or hob guards incorporated in the appliance. The use of inappropriate guards can cause accidents.

For the reliability of the fire of the product;

- Make sure the plug is fitting to socket as well for not cause to spark.
- Do not use damaged or cutted or extension cable except the original cable.
- Make sure that not whether liquid or moisture on the socket is plugged to product .

Intended use

- This product is designed for domestic use. Commercial use will void the guarantee.
- This appliance is for cooking purposes only. It must not be used for other purposes, for example room heating.
- The manufacturer shall not be liable for any damage caused by improper use or handling errors.
- Service life of your product is 10 years. Manufacturer shall provide the required spare parts for the product to perform as defined during this period.

Safety for children

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

- The packaging materials will be dangerous for children. Keep the packaging materials away from children. Please dispose of all parts of the packaging according to environmental standards.
- Electrical products are dangerous to children. Keep children away from the product when it is operating and do not allow them to play with the product.
- Do not place any items above the appliance that children may reach for.

Compliance with AEEE regulation and disposal of waste products

- This product does not contain harmful and forbidden materials described in the "Directive on the Restriction of the Use of Certain Hazardous Substances in Waste Electrical and Electronic Equipment" (AEEE) issued by the T.R. Ministry of Environment and Urbanization.

Complies with the AEEE Directive.



- This product has been manufactured with high quality parts and materials which can be reused and are suitable for recycling. Therefore, do not dispose the product with normal domestic waste at the end of its service life. Take it to a collection point for the recycling of electrical

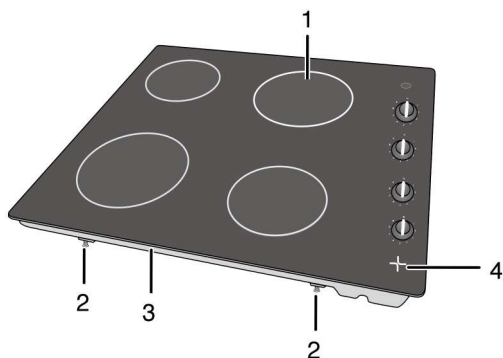
and electronic equipment. Please consult your local authorities to learn the nearest collection point. Help protect the environment and natural resources by recycling used products. Before disposing of the product, cut off the power cable plug and make the door lock (if any) unusable to avoid dangerous conditions to children.

Package information

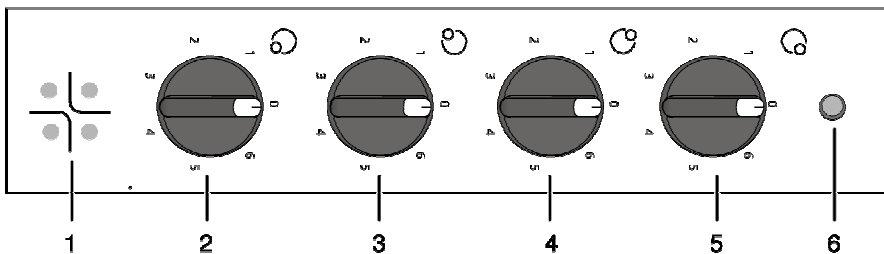
- Packaging materials of the product are manufactured from recyclable materials in accordance with our National Environment Regulations. Do not dispose of the packaging materials together with the domestic or other wastes. Take them to the packaging material collection points designated by the local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

2 General information

Overview



- | | | | |
|---|------------------------------|---|-------------------------|
| 1 | Single-circuit cooking plate | 3 | Base cover |
| 2 | Assembly clamp | 4 | Hob hot indicator light |



- | | | | |
|---|--|---|---|
| 1 | Hob hot indicator light | 4 | Single-circuit cooking plate Rear left |
| 2 | Single-circuit cooking plate Front right | 5 | Single-circuit cooking plate Rear right |
| 3 | Single-circuit cooking plate Front left | 6 | Warning lamp |

Technical specifications

Voltage / frequency	220-230 V ~ 50 Hz
Total power consumption	5800 W
Fuse	min. 25 A
Cable type / section	H05RR-F 3 x 2,5 mm ²
Cable length	max. 2 m
External dimensions (height / width / depth)	71 mm/580 mm/510 mm
Installation dimensions (width / depth)	560 mm/490 mm

Burners	
Front right	Single-circuit cooking plate
Dimension	140 mm
Power	1200 W
Front left	Single-circuit cooking plate
Dimension	180 mm
Power	1700 W
Rear left	Single-circuit cooking plate
Dimension	140 mm
Power	1200 W
Rear right	Single-circuit cooking plate
Dimension	180 mm
Power	1700 W



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



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



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

3 Installation

Refer to the nearest Authorised Service Agent for installation of the product. Make sure that the electric and gas installations are in place before calling the Authorised Service Agent to have the product ready for operation. If not, call a qualified electrician and fitter to have the required arrangements made. The manufacturer shall not be held responsible for damages arising from procedures carried out by unauthorized persons which may also void the warranty.



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



DANGER:

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



DANGER:

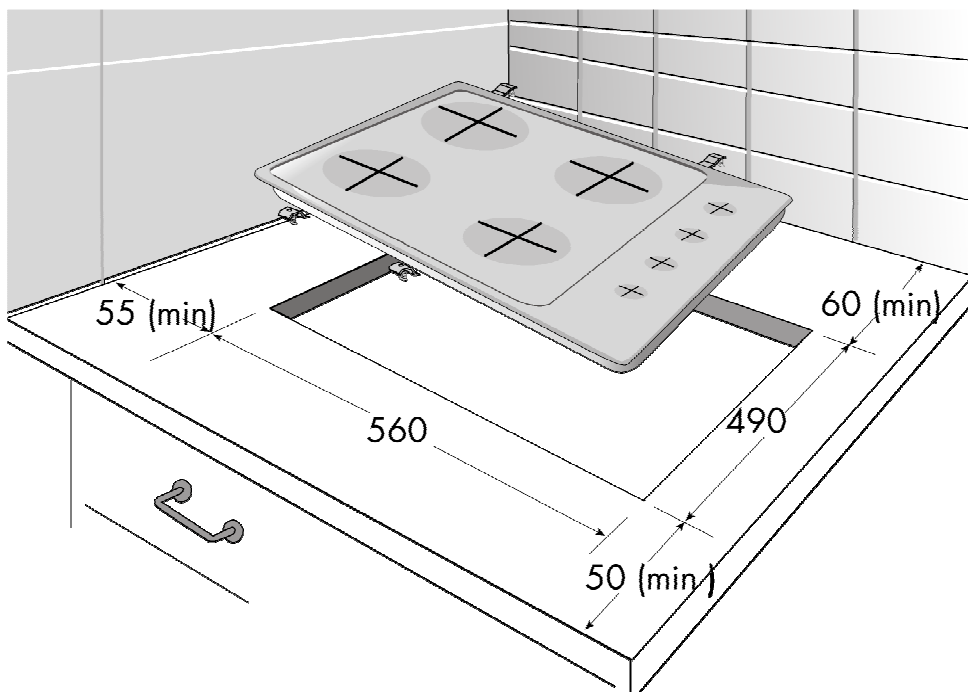
Prior to installation, visually check if the product has any defects on it. If so, do not have it installed.

Damaged products cause risks for your safety.

Before installation

The hob is designed for installation in a commercial worktop. A safety distance must be left between the appliance and the kitchen walls and furniture. See figure (values in mm).

- It can also be used in a free standing position. Allow a minimum distance of 750 mm above the hob surface.
- (*) If a cooker hood is to be installed above the cooker, refer to cooker hood manufacturer' instructions regarding installation height (min 650 mm)
- Remove packaging materials and transport locks.
- Surfaces, synthetic laminates and adhesives used must be heat resistant (100 °C minimum).
- The worktop must be aligned and fixed horizontally.
- Cut aperture for the hob in worktop as per installation dimensions.



Installation and connection

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



Do not install the hob on places with sharp edges or corners.
There is the risk of breaking for glass ceramic surface!

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 an Authorised Service Agent. 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. Type label is at the rear housing of the product.

- Power cable of your product must comply with the values in "Technical specifications" table.



DANGER:

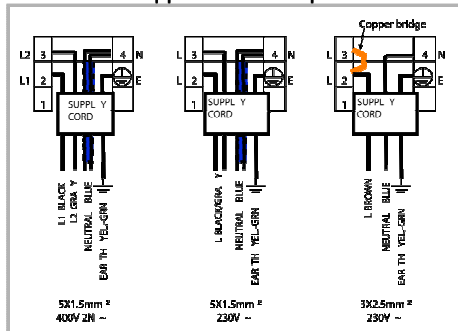
Before starting any work on the electrical installation, disconnect the product from the mains supply. There is the risk of electric shock!

Connecting the power cable

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

Additional protection by a residual current circuit breaker is recommended.

If a cable is supplied with the product:



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

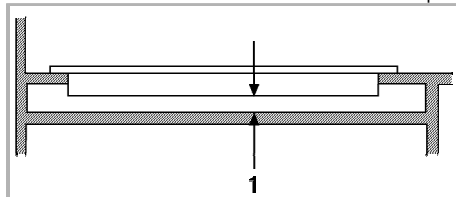
- Brown/Black cable = L (Phase)
- Blue/Grey cable = N (Neutral)
- Green/yellow cable = E (Ground)

Installing the product



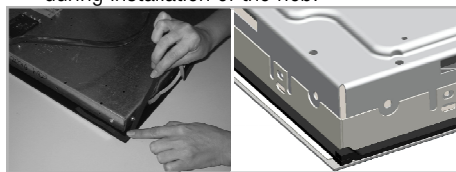
When installing the hob onto a cabinet, a shelf must be installed in order to separate the cabinet from the hob as illustrated in the above figure. This is not required when installing onto a built-in oven.

For example, if it is possible to touch the bottom of the product since it is installed onto a drawer, this section must be covered with a wooden plate.



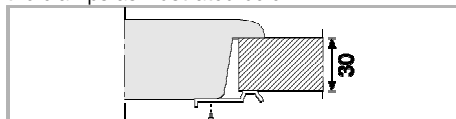
1 min. 50 mm

1. The sealing gasket provided in the package must be applied on the lower casing bend around the hob as shown in the figure, during installation of the hob.

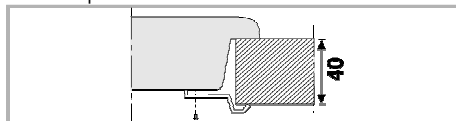


2. Place the hob on the counter and align it.
3. Using the installation clamps secure the hob by fitting through the holes on the lower casing.

For counters with a thickness of 30 mm, install the clamps as illustrated below:



For counters with a thickness of 40 mm, install the clamps as illustrated below:

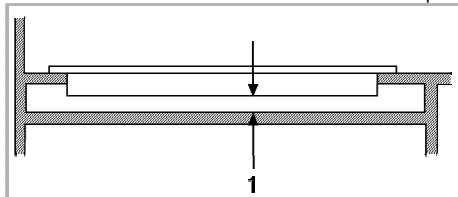


If the thickness of the counter is less than 30 mm, insert a piece of wood to fill the gap between the installation clamp and the counter.



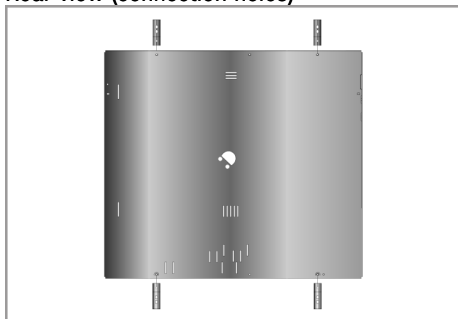
When installing the hob onto a cabinet, a shelf must be installed in order to separate the cabinet from the hob as illustrated in the above figure. This is not required when installing onto a built-in oven.

For example, if it is possible to touch the bottom of the product since it is installed onto a drawer, this section must be covered with a wooden plate.



1 min. 50 mm

Rear view (connection holes)



Making connections to different holes is not a good practice in terms of safety since it can damage the gas and electrical system.

Final check

1. Plug in the power cable and switch on the product's fuse.
2. Check the functions.

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.



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:

- Defrost frozen dishes before cooking them.
- Use pots/pans with cover for cooking. If there is no cover, energy consumption may increase 4 times.
- Select the burner which is suitable for the bottom size of the pot to be used. Always select the correct pot size for your dishes. Larger pots require more energy.
- Pay attention to use flat bottom pots when cooking with electric hobs. Pots with thick bottom will provide a better heat conduction. You can obtain energy savings up to 1/3.
- Vessels and pots must be compatible with the cooking zones. Bottom of the vessels or pots must not be smaller than the hotplate.
- Keep the cooking zones and bottom of the pots clean. Dirt will decrease the heat

conduction between the cooking zone and bottom of the pot.

- For long cookings, turn off the cooking zone 5 or 10 minutes before the end of cooking time. You can obtain energy savings up to 20% by using the residual heat.

Initial use

First cleaning of the appliance



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

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

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

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

5 How to use the hob

General information about cooking



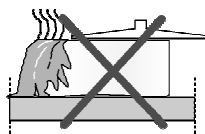
Never fill the pan with oil more than one third of it. Do not leave the hob unattended when heating oil. Overheated oils bring risk of fire. **Never attempt to extinguish a possible fire with water!** When oil catches fire, cover it with a fire blanket or damp cloth. Turn off the hob if it is safe to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

Tips about glass ceramic hobs

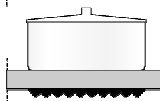
- Glass ceramic surface is heatproof and is not affected by big temperature differences.
- Do not use the glass ceramic surface as a place of storage or as a cutting board.
- Use only the saucepans and pans with machined bottoms. Sharp edges create scratches on the surface.
- Do not use aluminum vessels and saucepans. Aluminum damages the glass ceramic surface.



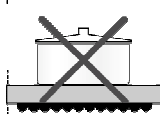
Spills may damage the glass ceramic surface and cause fire.



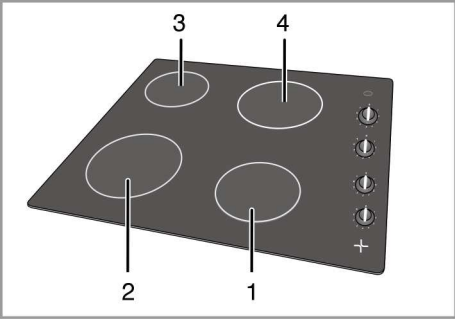
Do not use vessels with concave or convex bottoms.



Use only the saucepans and pans with flat bottoms. They ensure easier heat transfer. If the diameter of the saucepan is too small, energy will be wasted.



Using the hobs



- 1 Single-circuit cooking plate 140 mm
- 2 Single-circuit cooking plate 180 mm
- 3 Single-circuit cooking plate 140 mm
- 4 Single-circuit cooking plate 180 mm is list of advised diameter of pots to be used on related burners.



DANGER:

Do not allow any object to drop on the hob. Even small objects such as a saltshaker may damage the hob. Do not use cracked hobs. Water may leak through these cracks and cause short circuit. In case of any kind of damage on the surface (eg., visible cracks), switch off the product immediately to minimize the risk of electric shock.

Glass ceramic hob is equipped with an operation light and a hot zone warning indicator. Hot zone warning indicator indicates the status of the active zone and it remains lit after the plate is turned off. When the temperature of the plate cools down to a level that it can be touched by hand, warning indicator turns off. Flickering of the hot zone warning indicator is not a failure.

Turning on the ceramic plates

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

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

Turning off the ceramic plates

Turn the plate knob to OFF (upper) position.

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 hob

Glass ceramic surfaces

Wipe the glass ceramic surface using a piece of cloth dampened with cold water in a manner as not to leave any cleaning agent on it. Dry with a soft and dry cloth. Residues may cause damage on the glass ceramic surface when using the hob for the next time.

Dried residues on the glass ceramic surface should under no circumstances be scraped with hook blades, steel wool or similar tools.

Remove calcium stains (yellow stains) by a small amount of lime remover such as vinegar or lemon juice. You can also use suitable commercially available products.

If the surface is heavily soiled, apply the cleaning agent on a sponge and wait until it is absorbed well. Then, clean the surface of the hob with a damp cloth.



Sugar-based foods such as thick cream and syrup must be cleaned promptly without waiting the surface to cool down. Otherwise, glass ceramic surface may be damaged permanently.

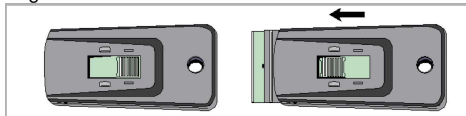
Slight color fading may occur on coatings or other surfaces in time. This will not affect operation of the product.

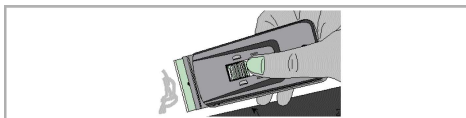
Color fading and stains on the glass ceramic surface is a normal condition, and not a defect.

Scraper for cleaning the glass ceramic surface

Clean the spilled residues and stuck dirt with a commercially available scraper which is specially designed for glass ceramic surfaces.

To avoid scratches, hold the scraper at a narrow angle.





7 Troubleshooting

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.*



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

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