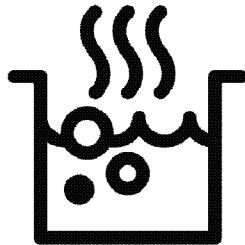




**Built-in Hob**  
User Manual



HIGE 64100 X

**EN**

185.9292.73/R.AA/22.03.2022/2-1  
7724088330

# 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:



Important information or useful hints about usage.



Warning of hazardous situations with regard to life and property.



Warning of electric shock.



Warning of risk of fire.



Warning of hot surfaces.



**Arçelik A.Ş.**  
Karaağaç caddesi No:2-6  
34445 Sülüce/Istanbul/TURKEY  
Made in TURKEY

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

---

# TABLE OF CONTENTS

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

General safety.....	4
Electrical safety.....	5
Product safety.....	5
Intended use.....	6
Safety for children.....	7
Disposing of the old product.....	7
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

## **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.....	15

## **6 Maintenance and care 17**

General cleaning information.....	17
Cleaning the hob.....	18
Cleaning the control panel.....	18

## **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.

- The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge,

unless they have been given supervision or instruction.

Children should be supervised and ensure they do not play with the appliance

- If the product is handed over to someone else for personal use or second-hand use purposes, the user manual, product labels and other relevant documents and parts should be also given.
- Installation and repair procedures must always be performed by Authorised Service Agents. The manufacturer shall not be held responsible for damages arising from procedures carried out by unauthorised persons which may also void the warranty. Before installation, read the instructions carefully.
- Do not operate the product if it is defective or has any visible damage.
- Ensure that the product function knobs are switched off after every use.

## Electrical safety

- If the product has a failure, it should not be operated unless it is repaired by an Authorised Service Agent. There is the risk of electric shock!
- Only connect the product to a grounded outlet/line with the voltage and protection as specified in the “Technical specifications”. Have the grounding installation made by a qualified electrician while using the product with or without a transformer. Our company shall not be liable for any problems arising due to the product not being earthed in accordance with the local regulations.
- Never wash the product by spreading or pouring water onto it! There is the risk of electric shock!
- The product must be disconnected during installation, maintenance, cleaning and repairing procedures.
- If the power connection cable for the product is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified

persons in order to avoid a hazard.

- The appliance must be installed so that it can be completely disconnected from the mains supply. The separation must be provided by a switch built into the fixed electrical installation, according to construction regulations.
- Any work on electrical equipment and systems should only be carried out by authorised and qualified persons.
- In case of any damage, switch off the product and disconnect it from the mains. To do this, turn off the fuse at home.
- Make sure that fuse rating is compatible with the product.

## Product safety

- **WARNING:** The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements. Children less than 8 years of age shall be kept away unless continuously supervised.

- Never use the product when your judgment or coordination is impaired by the use of alcohol and/or drugs.
  - Be careful when using alcoholic drinks in your dishes. Alcohol evaporates at high temperatures and may cause fire since it can ignite when it comes into contact with hot surfaces.
  - 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.
  - **WARNING:** Unattended cooking on a hob with fat or oil can be dangerous and may result in fire. NEVER try to extinguish a fire with water, but switch off the appliance and then cover flame e.g. with a lid or a fire blanket.
  - **CAUTION:** The cooking process has to be supervised. A short term cooking process has to be supervised continuously.
  - **WARNING:** Danger of fire: Do not store items on the cooking surfaces.
  - The appliance is not intended to be operated by means of an external timer or separate remote-control system.
  - **WARNING:** Use only hob guards designed by the manufacturer of the cooking appliance or indicated by the manufacturer of the appliance in the instructions for use as suitable or hob guards incorporated in the appliance. The use of inappropriate guards can cause accidents.
- Prevention against possible fire risk!
- Ensure all electrical connections are secure and tight to prevent risk of arcing.
  - Do not use damaged cables or extension cables.
  - Ensure liquid or moisture is not accessible to the electrical connection point.
- Intended use**
- This product is designed for domestic use. Commercial use will void the guarantee.
  - **CAUTION:** This appliance is for cooking purposes only. It

must not be used for other purposes, for example room heating.

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

### **Safety for children**

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

## **Disposing of the old product**

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



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

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

### **Compliance with RoHS Directive:**

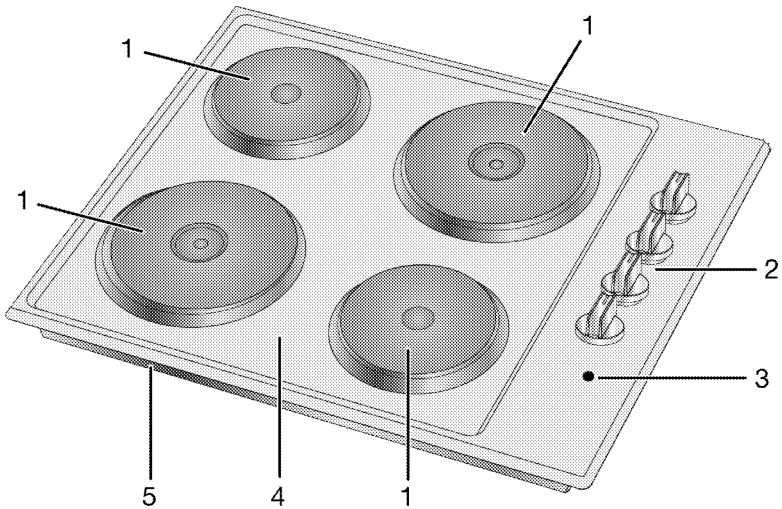
The product you have purchased complies with EU RoHS Directive (2011/65/EU). It does not contain harmful and prohibited materials specified in the Directive.

### **Package information**

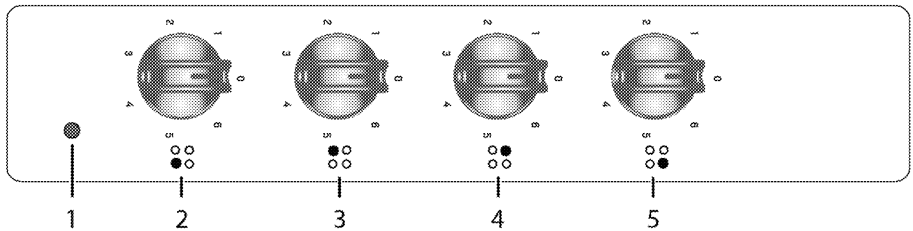
- Packaging materials of the product are manufactured from recyclable materials in accordance with our National Environment Regulations. Do not dispose of the packaging materials together with the domestic or other wastes. Take them to the packaging material collection points designated by the local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

## 2 General information

### Overview



- |                  |                |
|------------------|----------------|
| 1 Hotplate       | 4 Burner plate |
| 2 Hotplates knob | 5 Base cover   |
| 3 Warning lamp   |                |



- |                        |                       |
|------------------------|-----------------------|
| 1 Warning lamp         | 4 Hotplate Rear left  |
| 2 Hotplate Front right | 5 Hotplate Rear right |
| 3 Hotplate Front left  |                       |



## Technical specifications

Voltage / frequency	220-240 V~; 50/60 Hz
Total power consumption	6 kW
Fuse	25 A
Cable type / section	min.H05V2V2-F 3 x 2,5 mm <sup>2</sup> or equivalent
External dimensions (height / width / depth)	38 mm/610 mm/510 mm
Installation dimensions (width / depth)	560 mm/490 mm
<b>Burners</b>	
Front right	<b>Hotplate</b>
Dimension	145 mm
Power	1500 W
Front left	<b>Hotplate</b>
Dimension	180 mm
Power	2000 W
Rear left	<b>Hotplate</b>
Dimension	145 mm
Power	1000 W
Rear right	<b>Hotplate</b>
Dimension	180 mm
Power	1500 W

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

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

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

### 3 Installation

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

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

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

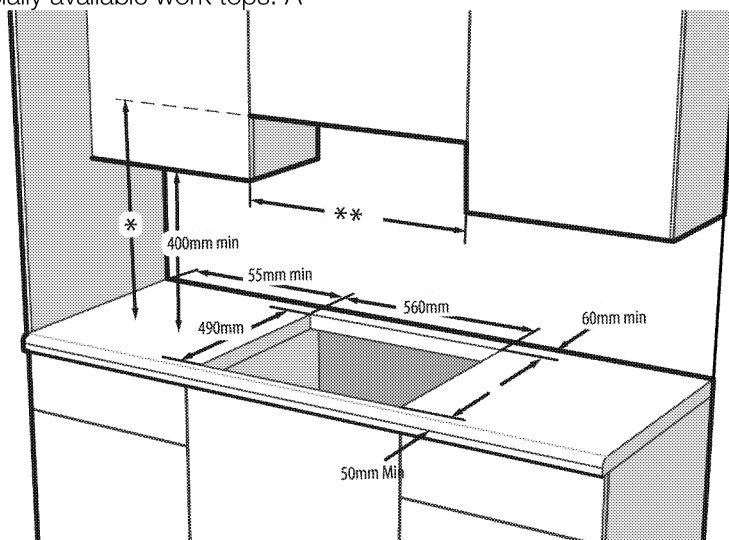
**!** Prior to installation, visually check if the product has any defects on it. If so, do not have it installed. Damaged products cause risks for your safety.

safety distance must be left between the appliance and the kitchen walls and furniture. See figure (values in mm).

- 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. If not defined any size in the hood manual, this height should be at least 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.

#### Before installation

The hob is designed for installation into commercially available work tops. A




- \* Minimum height to extractor as recommend in hood instruction manual. If not recommended in the hood instruction manual, this height should be at least 650 mm.
- \*\* Minimum distance between cabinetry must be equal to width of hob


## Installation and connection

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


### Electrical connection

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


-  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.

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

- Connection must comply with national regulations.
- The mains supply data must correspond to the data specified on the type label of the product. Type label is at the rear housing of the product.
- Power cable of your product must comply with the values in "Technical specifications" table.

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

### Connecting the power cable

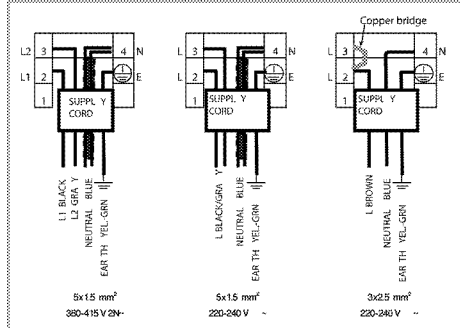
-  While performing the wiring, you must apply with the national/local electrical regulations and must use the appropriate socket outlet/line and plug for oven. In case of the product's power limits are out of current carrying capability of plug and socket outlet/line, the product must be connected through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

1. If it is not possible to disconnect all poles in the supply power, a disconnection unit with at least 3 mm contact clearance (fuses, line safety switches, contactors) must be connected and all the poles of this disconnection unit must be adjacent

to (not above) the product in accordance with IEE directives. Failure to obey this instruction may cause operational problems and invalidate the product warranty.

Additional protection by a residual current circuit breaker is recommended.

### If a cable is supplied with the product:



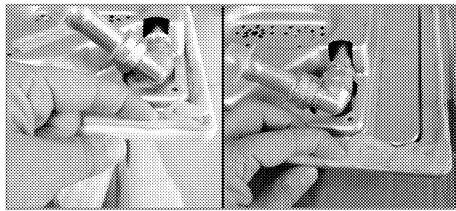
### 2. For single-phase connection,

connect the wires as identified below:

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

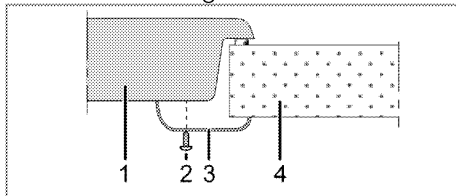
### Installing the product

1. Turning the hob upside down, place it on a flat surface.
2. In order to avoid the foreign substances and liquids penetrate between the hob and the counter, please apply the putty supplied in the package on the contours of the lower housing of the hob but make sure that the putty does not overlap.
3. Fill the corners by forming bends at the corners as illustrated in the figure. Form as much bend as required to fill the gap in the corners.



- i** Make sure that the skirting sections on the lower housing of the hob are filled with putty.

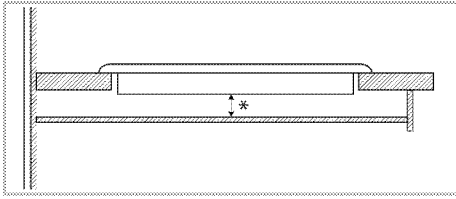
4. Place the hob on the counter and align it.
5. Using the installation clamps secure the hob by fitting through the holes on the lower casing.



- 1 Hob
- 2 Screw
- 3 Installation clamp
- 4 Counter

- i** 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-under oven.

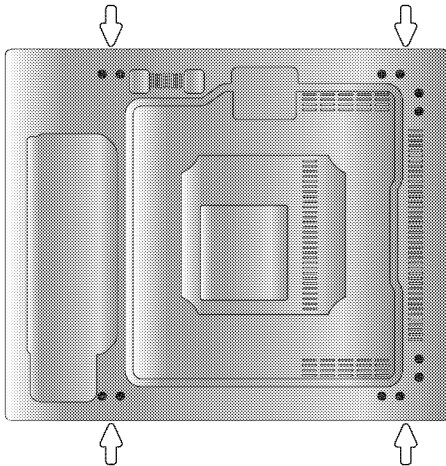
For example, if it is possible to touch the bottom of the product since it is installed onto a drawer, this section must be covered with a wooden plate.



\* min. 15 mm

### Rear view (connection holes)

**i** Location of the connection holes shown in the below figure are schematic, may vary depending on the product model. Fix them according to connection holes on your product.



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

**!** There are gas and electrical components contained within this hob, therefore when fitting the mounting springs/clamps only attach the supplied fixings to the connection holes shown in this manual. Failure to observe this advise may lead to life and property safety

### Final check

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

## 4 Preparation

### Tips for saving energy

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

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

- For long cookings, turn off the hotplate 5 or 10 minutes before the end of cooking time. You can obtain energy savings up to 20% by using the residual heat.
- Information on energy efficiency according to EU 66/2014 can be found on the product fiche given with the product.

### 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.

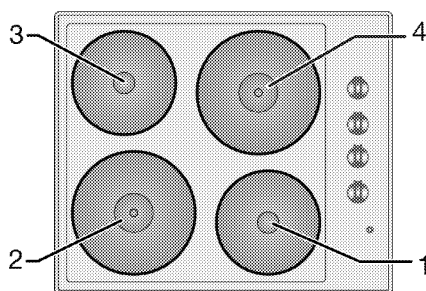
- Before frying foods, always dry them well and gently place into the hot oil. Ensure complete thawing of frozen foods before frying.
- Do not cover the vessel you use when heating oil.
- Place the pans and saucepans in a manner so that their handles are not over the hob to prevent heating of the handles. 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. Such vessels should not be used to keep foods either.
- Use flat bottomed saucepans or vessels only.
- Put appropriate amount of food in saucepans and pans. Thus, you will

not have to make any unnecessary cleaning by preventing the dishes from overflowing.

Do not put covers of saucepans or pans on cooking zones.

Place the saucepans in a manner so that they are centered on the cooking zone. When you want to move the saucepan onto another cooking zone, lift and place it onto the cooking zone you want instead of sliding it.

### Using the hobs



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

### Using hotplates

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

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

### Overheating protection

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

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

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

### Turning on the hotplates

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

### Turning off the hotplates

Turn the hotplate knob to OFF (upper) position.



## 6 Maintenance and care

### General cleaning information

#### ⚠ General warnings

- Wait for the product to cool before cleaning the product. Hot surfaces may cause burns!
- Do not apply the detergents directly on the hot surfaces. This may cause a permanent stains.
- The appliance shall be thoroughly cleaned and dried after each operation. Thus, food residues shall be easily cleaned and these residues shall be prevented from burning when the appliance is used again later. Thus, the service life of the appliance extends and frequently faced problems are decreased.
- Do not use steam cleaning products for cleaning.
- Some detergents or cleaning agents may damage the surface. Do not use abrasive detergents, cleaning powders, cleaning creams, descalers or sharp objects during cleaning.
- There is no need for a special cleaning agent for cleaning after each use. Clean the appliance using dish soap, warm water and a soft cloth or sponge and dry with a dry microfiber cloth.
- Be sure to completely wipe off any remaining liquid after cleaning and immediately clean any food splashing around during cooking.
- Do not wash any component of your appliance in a dishwasher.

#### For the hob:

- Acidic dirt such as milk, tomato paste and oil may cause permanent stains on the hobs and components of the burners/hotplates, clean any overflow

fluids immediately after cooling down the hob by turning it off.

#### Inox and stainless surfaces

- Do not use acid or chlorine-containing cleaning agents to clean stainless or inox surfaces and handles.
- Stainless or inox surface may change colour in time. This is normal. After each operation, clean with a detergent suitable for the stainless or inox surface.
- Clean with a soft soapy cloth and liquid (non-scratching) detergent suitable for inox surfaces, taking care to wipe in one direction.
- Remove lime, oil, starch, milk and protein stains on the inox-stainless and glass surfaces immediately without waiting. Stains may rust under long periods of time.

#### Glass surfaces

- When cleaning glass surfaces, do not use hard metal scrapers and abrasive cleaning materials. They can damage the glass surface.
- Clean the appliance using dishwashing detergent, warm water and a microfiber cloth specific for glass surfaces and dry it with a dry microfiber cloth.
- If there is residual detergent after cleaning, wipe it with cold water and dry with a clean and dry microfiber cloth. Residual detergent residue may damage the glass surface next time.
- Under no circumstances should the dried-up residue on the glass surface be cleaned off with serrated knives, wire wool or similar scratching tools.
- You can remove the calcium stains (yellow stains) on the glass surface with the commercially available

descaling agent, with a descaling agent such as vinegar or lemon juice.

- If the surface is heavily soiled, apply the cleaning agent on the stain with a sponge and wait a long time for it to work properly. Then clean the glass surface with a wet cloth.
- Discolorations and stains on the glass surface are normal and not defects.

### **Plastic parts and painted surfaces**

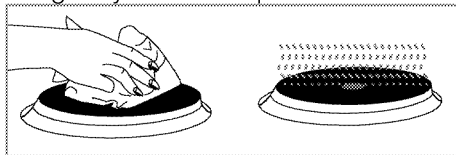
- Clean plastic parts and painted surfaces using dishwashing detergent, warm water and a soft cloth or sponge and dry them with a dry cloth.
- Do not use hard metal scrapers and abrasive cleaners. It may damage the surfaces.
- Ensure that the joints of the components of the appliance are not left as damp and with detergent. Otherwise, corrosion may occur on these joints.

## **Cleaning the hob**

### **Electric hobs**

1. Turn off the hotplates and wait until they cool down.
2. If necessary, clean the hotplates with a cleaning agent (you can obtain cleaners/softeners from specialty stores).

3. Warm only for a few minutes after cleaning in order to have their top section dried.
4. Apply a thin layer of machine oil onto the top surface of the hotplate regularly in order to protect it.



### **Cleaning the control panel**

- When cleaning the panels with knob control, wipe the panel and knobss with a damp soft cloth and dry with a dry cloth. Do not remove the knobs and gaskets underneath to clean the control panel. The control panel and knobs may be damaged.
- While cleaning the inox panels with knob control, do not use inox cleaning agents around the knobs. The indicators around the knobs may be deleted.
- Clean the touch control panels with a damp soft cloth and dry with a dry cloth. If your product has a key lock feature, set the key lock before performing control panel cleaning. Otherwise, incorrect detection may occur on the keys.

## 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.*

**i** 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.

