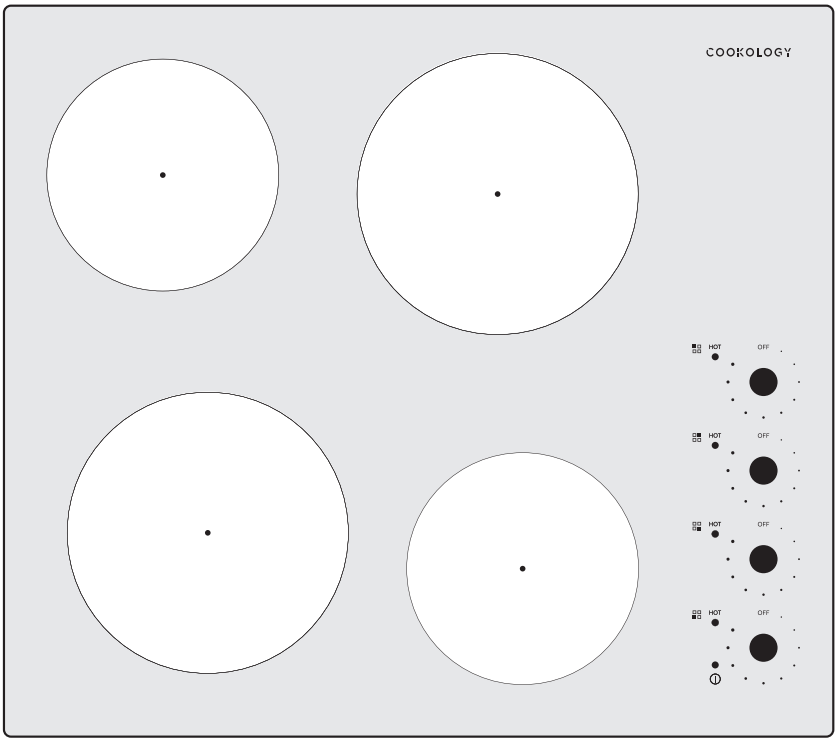
COOKOLOGY



CERAMIC HOB

USER MANUAL

CEK602

Please register the warranty for this product on **www.Cookology.com**
Warning notices: Before using this product, Please read this manual thoroughly to ensure you know how to operate the features.And functions that your new appliance offers in a safe way.The design and specifications are subject to change without prior notice for product improvement.
Consult with your dealer or manufacturer for details.
The diagram above is just for reference. Please take the appearance of the actual product as the standard.

THANK YOU LETTER

Thank you for choosing Cookology! Before using your new Cookology product, please read this manual thoroughly to ensure that you know how to operate the features and functions that your new appliance offers in a safe way.

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SAFETY INSTRUCTIONS

Intended Use

The following safety guidelines are intended to prevent unforeseen risks or damage from unsafe or incorrect operation of the appliance. Please check the packaging and appliance on arrival to make sure everything is intact to ensure safe operation. If you find any damage, please contact the retailer or dealer. Please note modifications or alterations to the appliance are not allowed for your safety concern. Unintended use may cause hazards and loss of warranty claims.

Explanation of Symbols

	Danger This symbol indicates that there are dangers to the life and health of persons due to extremely fiammable gas.
	Warning of electrical voltage This symbol indicates that there is a danger to life and health of persons due to voltage.
	Warning The signal word indicates a hazard with a medium level of risk which, if not avoided, may result in death or serious injury.
	Caution The signal word indicates a hazard with a low degree of risk which, if not avoided, may result in minor or moderate injury.
	Attention The signal word indicates important information (e.g. damage to property), but not danger.
	Observe instructions This symbol indicates that a service technician should only operate and maintain this appliance in accordance with the operating instructions.

Read these operating instructions carefully and attentively before using/commissioning the unit and keep them in the immediate vicinity of the installation site or unit for later use!

SAFETY WARNINGS

Your safety is important to us. Please read this information before using your cooktop.

INSTALLATION

Electrical Shock Hazard

- Disconnect the appliance from the mains electricity supply before carrying out any work or maintenance on it.
- Connection to a good earth wiring system is essential and mandatory.
- Alterations to the domestic wiring system must only be made by a qualified electrician.
- Failure to follow this advice may result in electrical shock or death.

Cut Hazard

- Take care - panel edges are sharp.
- Failure to use caution could result in injury or cuts.

Important Safety Instructions

- Read these instructions carefully before installing or using this appliance.
- No combustible material or products should be placed on this appliance at any time.
- Please make this information available to the person responsible for installing the appliance as it could reduce your installation costs.
- In order to avoid a hazard, this appliance must be installed according to these instructions for installation.
- This appliance is to be properly installed and earthed only by a suitably qualified person.
- This appliance should be connected to a circuit which incorporates an isolating switch providing full disconnection from the power supply.
- Failure to install the appliance correctly could invalidate any warranty or liability claims.

OPERATION and MAINTENANCE

Electrical Shock Hazard

- Do not cook on a broken or cracked cooktop. If the cooktop surface should break or crack, switch the appliance off immediately at the mains power supply (wall switch) and contact a qualified technician.
- Switch the cooktop off at the wall before cleaning or maintenance.
- Failure to follow this advice may result in electrical shock or death.

Health Hazard

- This appliance complies with electromagnetic safety standards.
- However, persons with cardiac pacemakers or other electrical implants (such as insulin pumps) must consult with their doctor or implant manufacturer before using this appliance to make sure that their implants will not be affected by the electromagnetic field.
- Failure to follow this advice may result in death.

Hot Surface Hazard

- During use, accessible parts of this appliance will become hot enough to cause burns.
- Do not let your body, clothing or any item other than suitable cookware con tact the Ceramic glass until the surface is cool.
- Metallic objects such as knives, forks, spoons and lids should not be placed on the hob surface since they can get hot.
- Keep children away.
- Handles of saucepans may be hot to touch. Check saucepan handles do not overhang other cooking zones that are on. Keep handles out of reach of chil dren.
- Failure to follow this advice could result in burns and scalds.

Important Safety Instructions

- Never leave the appliance unattended when in use. Boilover causes smoking and greasy spillovers that may ignite.

• Never use your appliance as a work or storage surface.
• Never leave any objects or utensils on the appliance.
• Do not place or leave any magnetisable objects (e.g. credit cards, memory cards) or electronic devices (e.g. computers, MP3 players) near the appliance, as they may be affected by its electromagnetic field.
• Never use your appliance for warming or heating the room.
• After use, always turn off the cooking zones and the cooktop as described in this manual (i.e. by using the touch controls). Do not rely on the pan detection feature to turn off the cooking zones when you remove the pans.
• Do not allow children to play with the appliance or sit, stand, or climb on it.
• Do not store items of interest to children in cabinets above the appliance. Children climbing on the cooktop could be seriously injured.
• Do not leave children alone or unattended in the area where the appliance is in use.
• Do not repair or replace any part of the appliance unless specifically recommended in the manual. All other servicing should be done by a qualified technician.
• Do not place or drop heavy objects on your cooktop.
• Do not stand on your cooktop.
• Do not use pans with jagged edges or drag pans across the Ceramic glass surface as this can scratch the glass.
• Do not use scourers or any other harsh abrasive cleaning agents to clean your cooktop, as these can scratch the Ceramic glass.
• If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
• This appliance is intended to be used in household and similar applications such as:
-staff kitchen areas in shops, offices and other working environments;
-farm houses;
-by clients in hotels, motels and other residential type environments;
-bed and breakfast type environments.
• 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.

- This appliance is not intended for use 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 concerning use of the appliance by a person responsible for their safety.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- **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.
- **WARNING:** Danger of fire: do not store items on the cooking surfaces.
- **WARNING:** If the surface is cracked, switch off the appliance to avoid the possibility of electric shock, for hob surfaces of glass-ceramic or similar mate rial which protect live parts.
- A steam cleaner is not to be used.
- 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 cook ing appliance or indicated by the manufacturer of the appliance in the instruc tions for use as suitable or hob guards incorporated in the appliance. The use of inappropriate guards can cause accidents.

Congratulations on the purchase of your new Ceramic Hob.

We recommend that you spend some time to read this Instruction/Installation Manual in order to fully understand how to install correctly and operate it.

For installation, please read the installation section.

Read all the safety instructions carefully before use and keep this Instruction/ Installation Manual for future reference.
CAUTION: The cooking process has to be supervised. A short term cooking process has to be supervised continuously.

SPECIFICATIONS

Cooking Hob	CEK602
Cooking Zones	4 Zones
Supply Voltage	220-240V~ 50Hz or 60Hz
Installed Electric Power	5500-6600W
Product Size LxWxH(mm)	590X520X55
Building-in Dimensions A×B (mm)	560X490

Weight and Dimensions are approximate. Because we continually strive to improve our products we may change specifications and designs without prior notice.

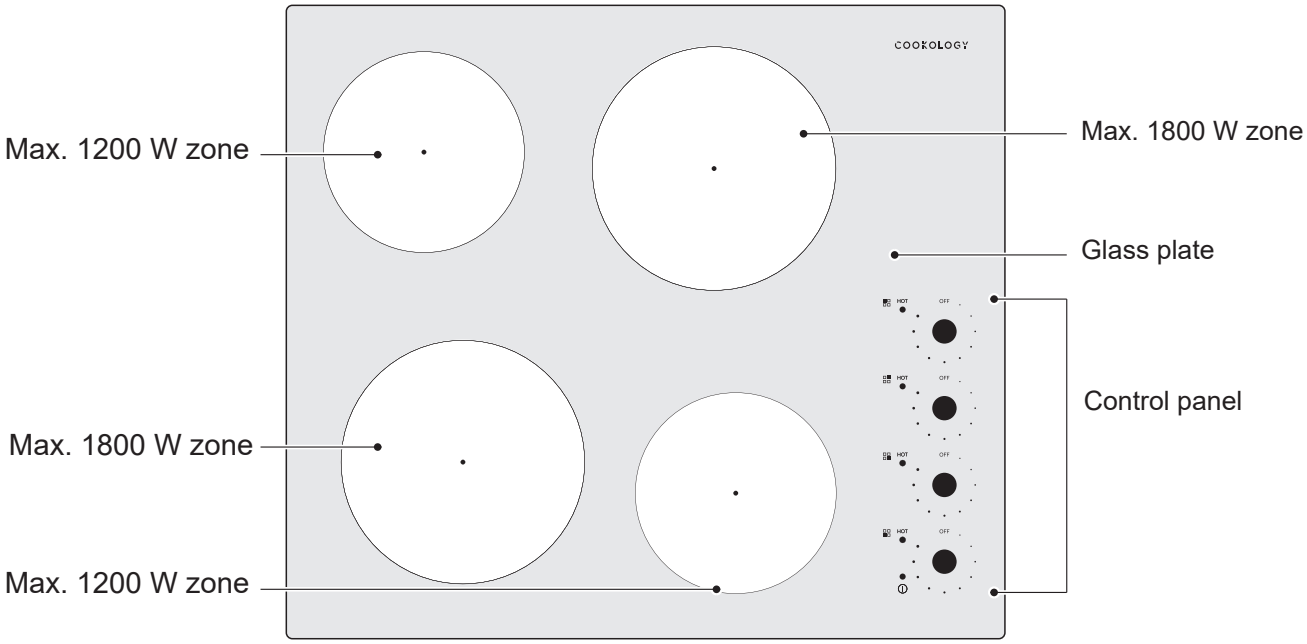
	Symbol	Value	Unit
Model identification	-	CEK602	
Type of hob	-	Built-in hob	
Number of cooking zones and/or areas	-	4 cooking zones	
Heating technology (induction cooking zones and cooking areas, radiant cooking zones, solid plates)	-	Radiant cooking zones	
For circular cooking zones or area: diameter of useful surface area per electric heated cooking zone	Ø	Zone1: 20,0 Zone2: 16,5 Zone3: 20,0 Zone4: 16,5	cm
For non-circular cooking zones or areas: length and width of useful surface area per electric heated cooking zone or area	L,W	- - -	cm
Energy consumption per cooking zone or area calculated per kg	$EC_{electric\ cooking}$	Zone1: 185,2 Zone2: 187,5 Zone3: 186,5 Zone4: 200,2	Wh/kg
Energy consumption for the hob calculated per kg	$EC_{electric\ hob}$	189,85	Wh/kg

Data determined according to standard EN 60350-2 and Commission Regulations (EU) No 66/2014.

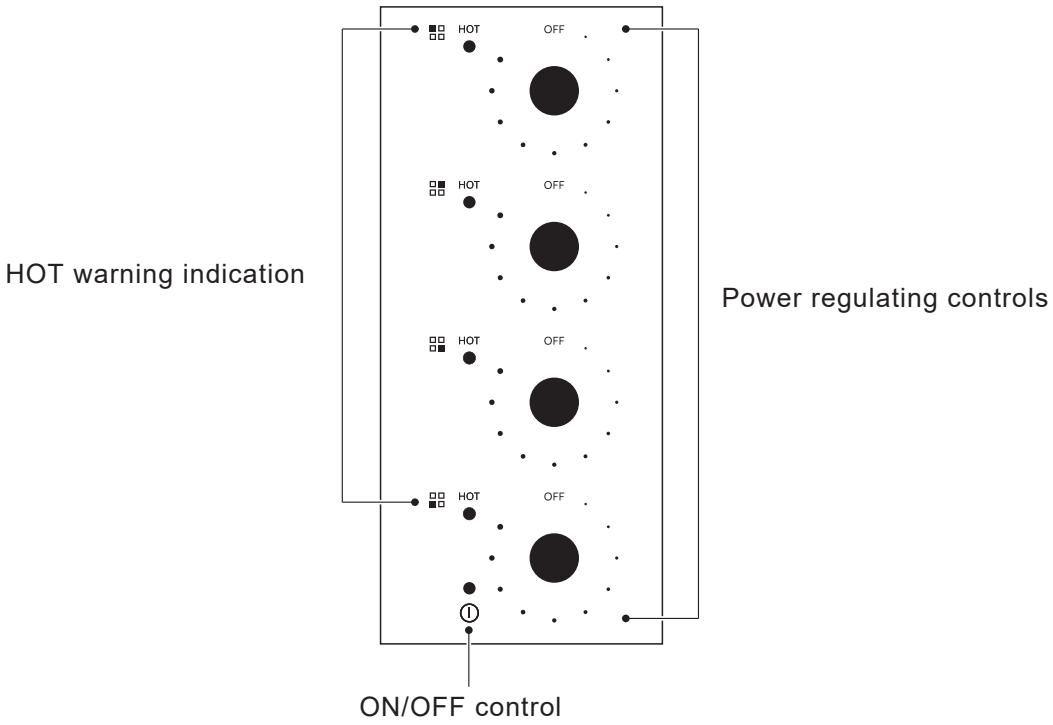
If there is no any operation after switch on the hob, the hob will reach automatically the off mode after 1 minute and the power is 0.5W in off mode.

PRODUCT OVERVIEW

Top View



Control Panel



NOTE

All the pictures in this manual are for explanation purpose only. Any discrepancy between the real object and the illustration in the drawing shall be subject to the real subject.

Product Information

The microcomputer ceramic cooker hob can meet different kinds of cuisine demands because of resistance wire heating, micro-computerized control and multi-power selection, really the optimal choice for modern families.
The ceramic cooker hob centers on customers and adopts personalized design. The hob has safe and reliable performances, making your life comfortable and enabling to fully enjoy the pleasure from life.

Working Principle

This ceramic cooker hob directly employs resistance wire heating, and adjust the output power by the power regulation with the touch controls.

Before Using Your New Ceramic Hob

• Read this guide, taking special note of the ‘Safety Warnings’ section.
• Remove any protective film that may still be on your Ceramic Hob.

QUICK START GUIDE

⚠ Take care when frying as the oil and fat heat up very quickly, particularly if you're using PowerBoost. At extremely high temperatures oil and fat will ignite spontaneously and this presents a serious fire risk.

Cooking Tips

- When food comes to the boil, reduce the temperature setting.
- Using a lid will reduce cooking times and save energy by retaining the heat.
- Minimize the amount of liquid or fat to reduce cooking times.
- Start cooking on a high setting and reduce the setting when the food has heated through.

Simmering, Cooking Rice

- Simmering occurs below boiling point, at around 85˚C, when bubbles are just rising occasionally to the surface of the cooking liquid. It is the key to delicious soups and tender stews because the flavours develop without overcooking the food. You should also cook egg-based and flour thickened sauces below boiling point.
- Some tasks, including cooking rice by the absorption method, may require a setting higher than the lowest setting to ensure the food is cooked properly in the time recommended.

Searing Steak

To cook juicy flavorsome steaks:

1. Stand the meat at room temperature for about 20 minutes before cooking.
2. Heat up a heavy-based frying pan.
3. Brush both sides of the steak with oil. Drizzle a small amount of oil into the hot pan and then lower the meat onto the hot pan.
4. Turn the steak only once during cooking. The exact cooking time will depend on the thickness of the steak and how cooked you want it. Times may vary from about 2 – 8 minutes per side. Press the steak to gauge how cooked it is – the firmer it feels the more 'well done' it will be.
5. Leave the steak to rest on a warm plate for a few minutes to allow it to relax and become tender before serving.

For Stir-Frying

1. Choose a ceramic compatible flat-based wok or a large frying pan.
2. Have all the ingredients and equipment ready. Stir-frying should be quick. If cooking large quantities, cook the food in several smaller batches.
3. Preheat the pan briefly and add two tablespoons of oil.
4. Cook any meat first, put it aside and keep warm.
5. Stir-fry the vegetables. When they are hot but still crisp, turn the cooking zone to a lower setting, return the meat to the pan and add your sauce.
6. Stir the ingredients gently to make sure they are heated through.
7. Serve immediately.

Heat Settings

The settings below are guidelines only. The exact setting will depend on several factors, including your cookware and the amount you are cooking. Experiment with the Ceramic Hob to find the settings that best suit you.

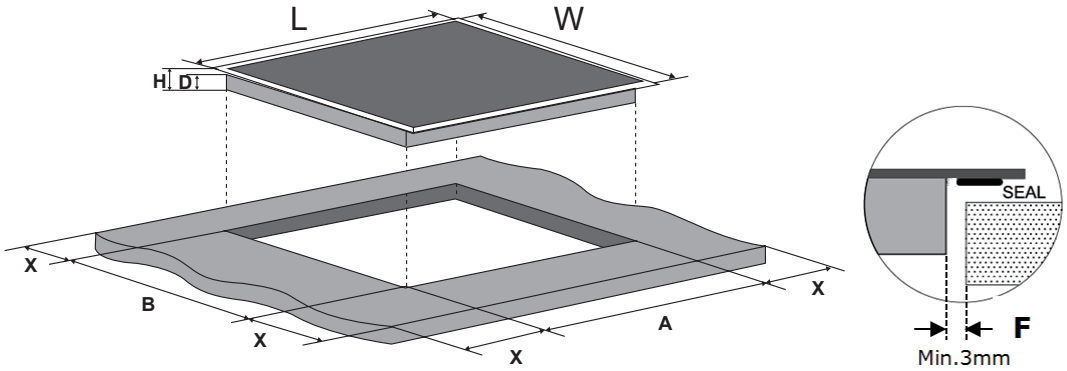
Heat setting	Suitability
1 - 2	• delicate warming for small amounts of food • melting chocolate, butter, and foods that burn quickly • gentle simmering • slow warming
3 - 4	• reheating • rapid simmering • cooking rice
5 - 6	• pancakes
7 - 9	• sautéing • cooking pasta
10	• stir-frying • searing • bringing soup to the boil • boiling water

PRODUCT INSTALLATION

Selection of Installation Equipment

Cut out the work surface according to the sizes shown in the drawing.
For the purpose of installation and use, a minimum of 5 cm space shall be preserved around the hole. Be sure the thickness of the work surface is at least 30mm. Please select heat-resistant and insulated work surface material (Wood and similar fibrous or hygroscopic material shall not be used as work surface material unless impregnated) to avoid the electrical shock and larger deformation caused by the heat radiation from the hotplate. As shown below:

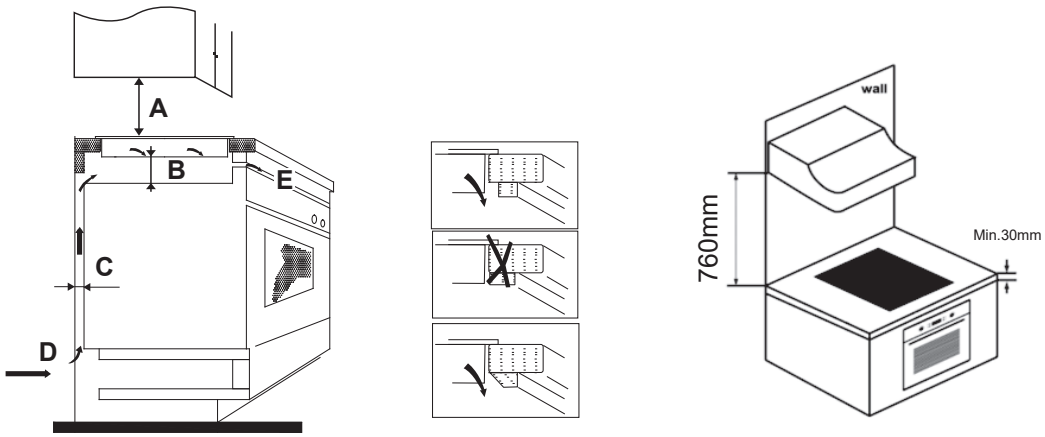
⚠ Note: The safety distance between the sides of the hob and the inner surfaces of the worktop should be at least 3mm.



L(mm)	W(mm)	H(mm)	D(mm)	A(mm)	B(mm)	X(mm)	F(mm)
590	520	55	51	560+4 +1	490+4 +1	50 mini	3 mini

Under any circumstances, make sure the ceramic cooker hob is well ventilated and the air inlet and outlet are not blocked. Ensure the ceramic cooker hob is in good work state. As shown below

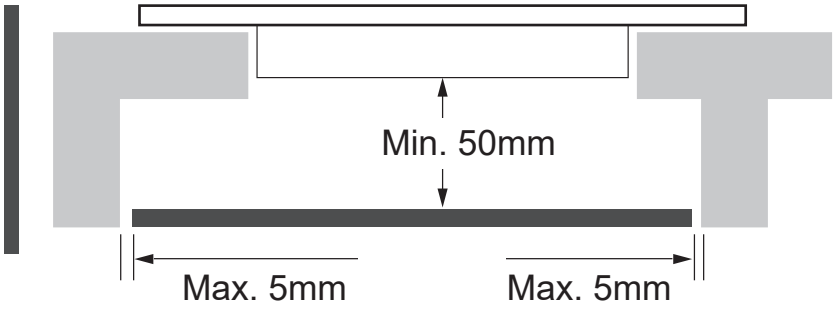
⚠ Note: The safety distance between the hotplate and the cupboard above the hotplate should be at least 760mm.



A(mm)	B(mm)	C(mm)	D	E
760	50 mini	20 mini	Air intake	Air exit 5mm

WARNING: Ensuring Adequate Ventilation

Make sure the ceramic hob is well ventilated and that air inlet and outlet are not blocked. In order to avoid accidental touch with the overheating bottom of the hob, or getting unexpectable electric shock during working, it is necessary to put a wooden insert, fixed by screws, at a minimum distance of 50mm from the bottom of the hob. Follow the requirements below.

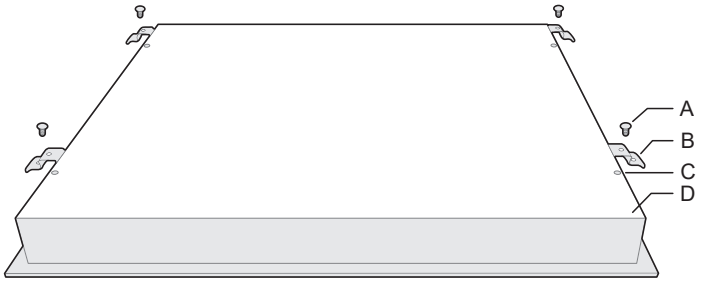


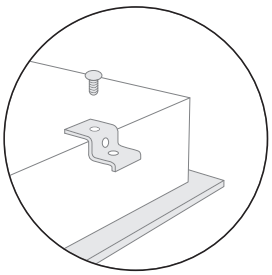
⚠ There are ventilation holes around outside of the hob. YOU MUST ensure these holes are not blocked by the worktop when you put the hob into position.

⚠
- Be aware that the glue that join the plastic or wooden material to the furniture, has to resist to temperature not below 150oC, to avoid the unstuck of the paneling.
- The rear wall, adjacent and surrounding surfaces must therefore be able to withstand an temperature of 90oC.

Before Locating the Fixing Brackets

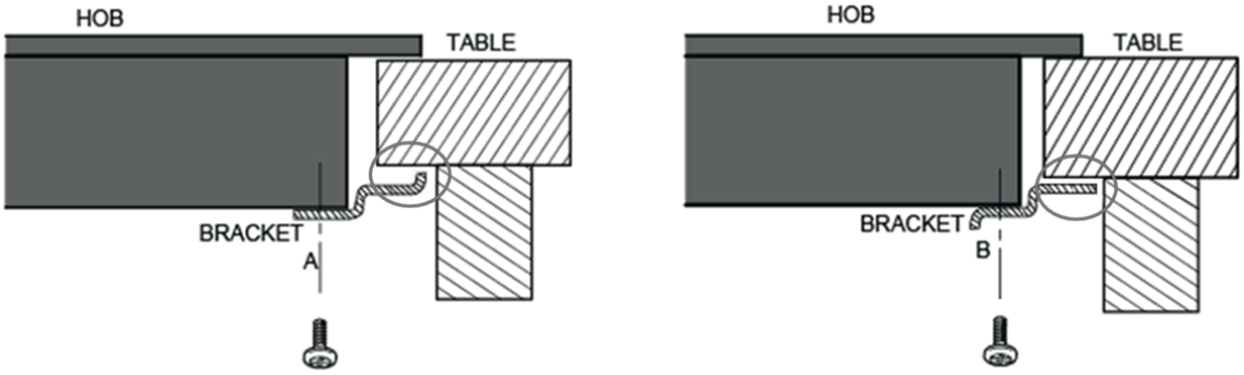
The unit should be placed on a stable, smooth surface (use the packaging). Do not apply force onto the controls protruding from the hob.
Fix the hob on the work surface by screw four brackets on the bottom of hob (see picture) after installation.





A	B	C	D
screw	bracket	screw hole	base

Adjust the bracket position to suit for different table top thickness.



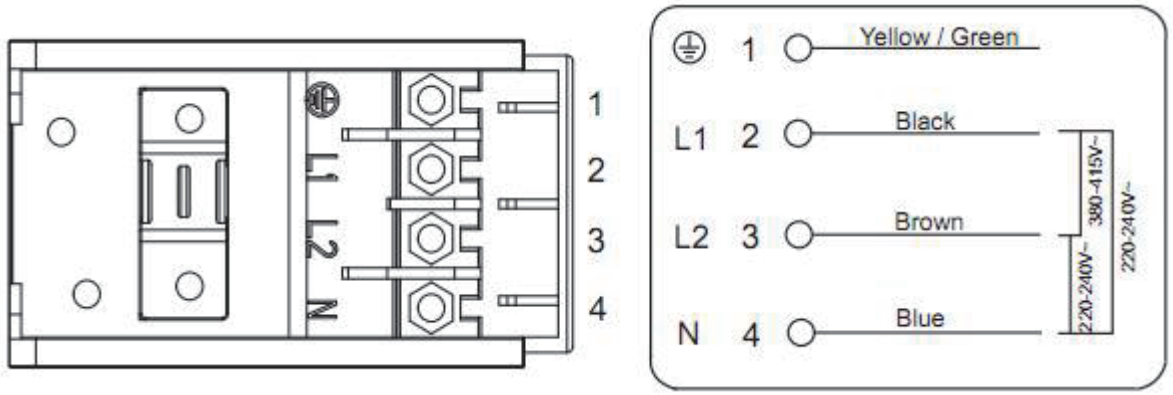
⚠ Under any circumstances, the brackets cannot touch with the inner surfaces of the worktop after installation (see picture).

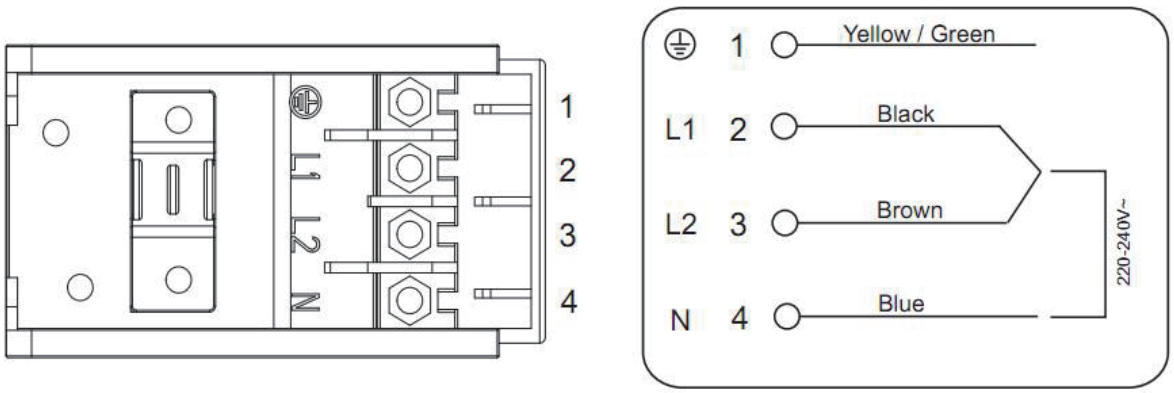
Cautions

1. The ceramic cooker hob must be installed by qualified personnel or technicians. We have professionals at your service. Please never conduct the operation by yourself.
2. The ceramic cooker hob shall not be mounted to cooling equipment, dishwashers and rotary dryers.
3. The ceramic cooker hob shall be installed such that better heat radiation can be ensured to enhance its reliability.
4. The wall and induced heating zone above the work surface shall withstand heat.
5. To avoid any damage, the sandwich layer and adhesive must be resistant to heat.
6. A steam cleaner is not to be used.

Connecting The Hob To The Mains Power Supply

The power supply should be connected in compliance with the relevant standard, or a single-pole circuit breaker. The method of connection is shown below.





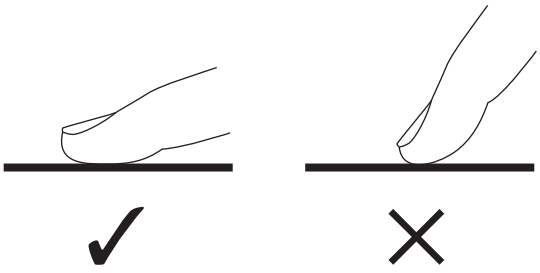
1. If the cable is damaged or needs replacing, this should be done by an after-sales technician using the proper tools, so as to avoid any accidents.
2. If the appliance is being connected directly to the mains supply, an omnipolar circuit breaker must be installed with a minimum gap of 3mm between the contacts.
3. The installer must ensure that the correct electrical connection has been made and that it complies with safety regulations.
4. The cable must not be bent or compressed.
5. The cable must be checked regularly and only replaced by a properly qualified person.

⚠ The bottom surface and the power cord of the hob are not accessible after installation.

OPERATION INSTRUCTIONS

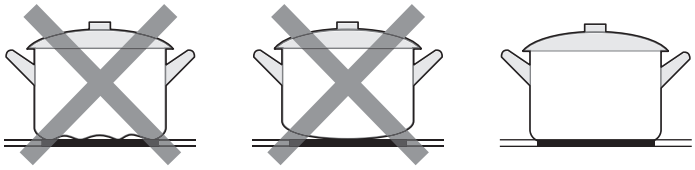
Touch Controls

- The controls respond to touch, so you don't need to apply any pressure.
- Use the ball of your finger, not its tip.
- You will hear a beep each time a touch is registered.
- Make sure the controls are always clean, dry, and that there is no object (e.g. a utensil or a cloth) covering them. Even a thin film of water may make the controls difficult to operate.

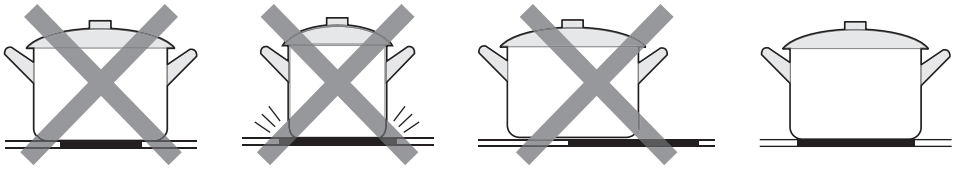


Choosing the Right Cookware

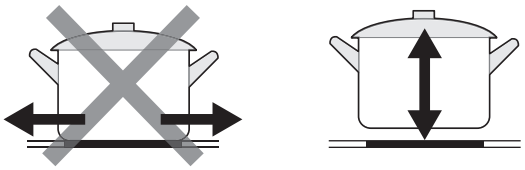
- Do not use cookware with jagged edges or a curved base.



- Make sure that the base of your pan is smooth, sits flat against the glass, and is the same size as the cooking zone. Always centre your pan on the cooking zone.



- Always lift pans off the ceramic hob – do not slide, or they may scratch the glass.



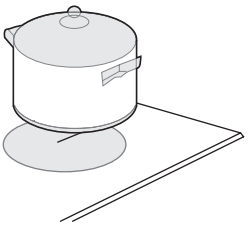
How to Use

1. Start Cooking

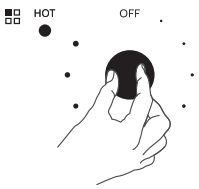
1. Touch the ON/OFF key for a while to start .



2. Place a suitable pan on the cooking zone that you wish to use.
   • Make sure the bottom of the pan and the surface of the cooking zone are clean and dry.

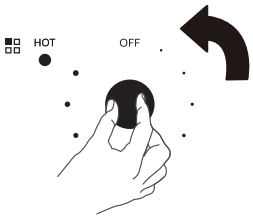


3. Adjust the power regulating control to the desired level to turn on the control.



2. Finish Cooking

1. Turn the cooking zone off by turning the power regulating control to “OFF” to turn off the control.



2. Touch the ON/OFF key to Finish cooking .



Beware of hot surfaces

⚠ When the glass plate is hot, the hot hob warning indicator will light. Don’t touch the glass plate until the indicator goes out. It can also be used as an energy saving function if you want to heat further pans, use the hotplate that is still hot.

3. Over-Temperature Protection

A temperature sensor equipped can monitor the temperature inside the ceramic hob. When an excessive temperature is monitored, the ceramic hob will stop operation automatically.

4. Residual Heat Warning

When the hob has been operating for some time, there will be some residual heat. The HOT warning indication LED on appears to warn you to keep away from it.

5. Default Working Times

Another safety feature of the hob is automatic shutdown. This occurs whenever you forget to switch off a cooking zone. The default shutdown times are shown in the table below:

Power level	1	2	3	4	5	6	7	8	9	10
Default working timer (hour)	8	8	8	4	4	4	2	2	2	2

CLEANING AND MAINTENANCE

What?	How?	Important!
Everyday soiling on glass (fingerprints, marks, stains left by food or non-sugary spillovers on the glass).	1. Switch the power to the cooktop off. 2. Apply a cooktop cleaner while the glass is still warm (but not hot!) 3. Rinse and wipe dry with a clean cloth or paper towel. 4. Switch the power to the cooktop back on.	• When the power to the cooktop is switched off, there will be no 'hot surface' indication but the cooking zone may still be hot! Take extreme care. • Heavy-duty scourers, some nylon scourers and harsh/abrasive cleaning agents may scratch the glass. Always read the label to check if your cleaner or scourer is suitable. • Never leave cleaning residue on the cooktop: the glass may become stained.
Boilovers, melts, and hot sugary spills on the glass.	Remove these immediately with a fish slice, palette knife or razor blade scraper suitable for Ceramic glass cooktops, but beware of hot cooking zone surfaces: 1. Switch the power to the cooktop off at the wall. 2. Hold the blade or utensil at a 30° angle and scrape the soiling or spill to a cool area of the cooktop. 3. Clean the soiling or spill up with a dish cloth or paper towel. 4. Follow steps 2 to 4 for 'Everyday soiling on glass' above.	• Remove stains left by melts and sugary food or spillovers as soon as possible. If left to cool on the glass, they may be difficult to remove or even permanently damage the glass surface.
Spillovers on the touch controls.	1. Switch the power to the cooktop off. 2. Soak up the spill. 3. Wipe the touch control area with a clean damp sponge or cloth. 4. Wipe the area completely dry with a paper towel. 5. Switch the power to the cooktop back on.	• The cooktop may beep and turn itself off, and the touch controls may not function while there is liquid on them. Make sure you wipe the touch control area dry before turning the cooktop back on.

TROUBLESHOOTING

Operation of your appliance can lead to errors and malfunctions. The following tables contain possible causes and notes for resolving an error message or malfunction. It is recommended to read the tables carefully below in order to save your time and money that may cost for calling to the service center.

Problem	Possible causes	What to do
The cooktop cannot Be turned on.	No power.	Make sure the ceramic hob is connected to the power supply and that it is switched on. Check whether there is a power outage in your home or area. If you've checked everything and the problem persists, call a qualified technician.
The touch controls are unresponsive.	The controls are locked.	Unlock the controls. See section 'Using your ceramic cooktop' for instructions.
The touch controls are difficult to operate.	There may be a slight film of water over the controls or you may be using the tip of your finger when touching the controls.	Make sure the touch control area is dry and use the ball of your finger when touching the controls.
The glass is being scratched.	Rough-edged cookware. Unsuitable, abrasive scourer or cleaning products being used.	Use cookware with flat and smooth bases. See 'Choosing the right cookware'. See 'Care and cleaning'.
Some pans make crackling or clicking noises.	This may be caused by the construction of your cookware (layers of different metals vibrating differently).	This is normal for cookware and does not indicate a fault.

Failure Display,Hints and Tips

1. The hob is equipped with a self diagnostic function. With this test the technician is able to check the function of several components without disassembling or dismounting the hob from the working surface.
2. Failure code occur during customer using & Solution;

Failure code	Problem	Solution
	No Auto-Recovery	
LED flashing	Zero error.	Reinsert the connection between the display board and the power board. Replace the power board.
LED flashing	Ceramic plate temperature sensor failure--open circuit.	Check the connection or replace the ceramic plate temperature sensor.
LED flashing	Ceramic plate temperature sensor failure- -short circuit.	
LED flashing	Ceramic plate temperature sensor failure	

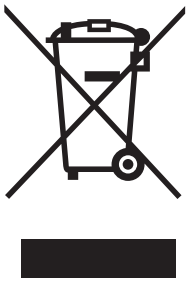
Failure code	Problem	Solution
LED flashing	High temperature of ceramic plate sensor.	Wait for the temperature of ceramic plate return to normal. Touch “ON/OFF” button to restart unit.
LED flashing	Temperature sensor of the NTC failure --open circuit.	Replace the display board.
LED flashing	Temperature sensor of the NTC failure --short circuit	
LED flashing	Supply voltage is below the rated voltage.	Please inspect whether power supply is normal. Power on after the power supply is normal.
LED flashing	Supply voltage is above the rated voltage.	
LED flashing	Communication error.	Reinsert the connection between the display board and the power board. Replace the power board or the display board.

DISPOSAL AND RECYCLING

Important Instructions For Environment

This appliance is labeled in compliance with European directive 2012/19/EU for Waste Electrical and Electronic Equipment (WEEE). By ensuring that this appliance is disposed of correctly, you will help prevent any possible damage to the environment and to human health, which might otherwise be caused if it were disposed of in the wrong way.

This symbol indicates that this product shall not be disposed with other household wastes at the end of its service life. Used device must be returned to official collection point for recycling of electrical electronic devices. To find these collection systems please contact to your local authorities or retailer where the product was purchased. Each household performs important role in recovering and recycling of old appliance. Appropriate disposal of used appliance helps prevent potential negative consequences for the environment and human health.



Compliance With Rohs Directive

This appliance requires specialist waste disposal. For further information regarding the treatment, recover and recycling of this product please contact your local council, your household waste disposal service, or the shop where you purchased it.

Package Information

For more detailed information about treatment, recovery and recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.



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