

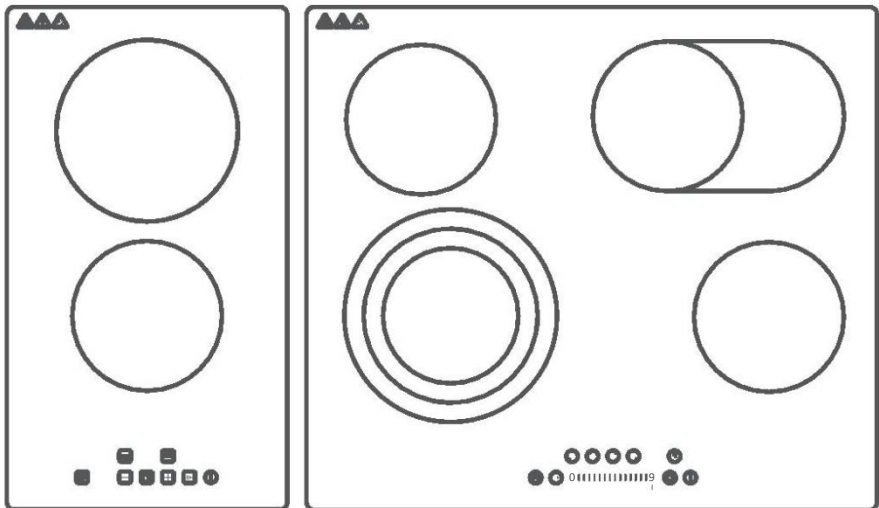
143.00 mm

Tianmei

BUILT-IN CERAMIC HOB

USER MANUAL

210.00 mm



Please read these instructions carefully before attempting to install or use this appliance.
It is advisable to keep these instructions in a safe place for future reference.

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.
- .

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 contact the Ceramic glass until the surface is cool.
- Metallic objects such as knives, forks, spoons and lids should not be placed on the cooker 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 they are on. Keep handles out of reach of children.
 - Failure to follow this advice could result in burns and scalds.
- .

Cut Hazard

- The razor-sharp blade of a cooktop scraper is exposed when the safety cover is retracted. Use with extreme care and always store safely and out of reach of children.
 - Failure to use caution could result in injury or cuts.
- .

Important safety instructions

- Never leave the appliance unattended when in use. Boil over 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.
- 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 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.
 - Children or persons with a disability which limits their ability to use the appliance should have a responsible and competent person to instruct them in its use. The instructor should be satisfied that they can use the appliance without danger to themselves or their surroundings.
 - 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 use a steam cleaner to clean your cooktop.
- 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 Ceramicglass 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 Ceramicglass.
- 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; byclients 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 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.

- **WARNING:** Unattended cooking on a cooker 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 cooker surfaces of glass-ceramic or similar material 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.

After use, switch off the hob element by its control and do not rely on the pan detector.

CAUTION: The cooking process has to be supervised. A short term cooking process has to be supervised continuously.

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.

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

connection to supply mains: by plug with power cord / by power cord in the fixed wiring in accordance with the wiring rules.

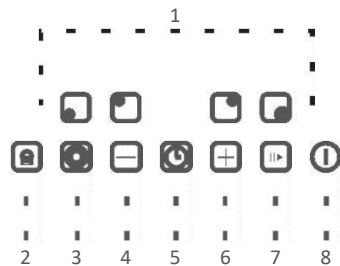
After installation, disconnect the appliance from the power supply.

Congratulations on the purchase of your new Ceramic Cooker. 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.

Operating keys instructions

The following overview is a brief description of the display and key functions.

For detailed keys instructions, see the following sections.



1. Heating zone selection control
2. Lock button
3. Dual Coil
4. Down button
5. Timer control
6. Upper button
7. Pause button
8. On/Off button

Product Information

The microcomputer ceramic 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 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.

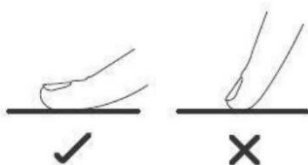
Before using your New Ceramic Hob

- Read this guide, taking special note of the 'Safety Warnings' section.
- Remove any protective film that may still be on your CeramicCooker.



Using the 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.

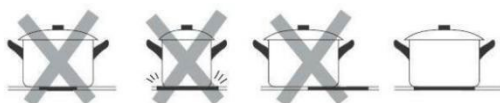


Choosing the right Cookware

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 cooker – do not slide, or they may scratch the glass.

Using Your Ceramic Hob

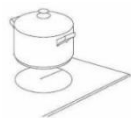
To start cooking

1. Touch the ON/OFF a control, the cooktop displays 0 for both burners (this 0 will disappear if no further operation in 30 seconds).

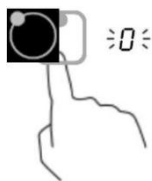


2. Place a suitable pan on the cooking zone that you wish to use.

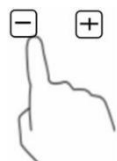
- Make sure the bottom of the pan and the surface of the cooking zone are clean and dry.



3. Touch the heating zone selection control, an indicator 0 up to the key will flash.

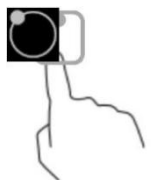


4. Set the power level by follow operation by touching the “-”, “+”;



When you have finished cooking

1. Touch the heating zone selection control that you wish to switch off.



2. Turn the cooking zone off by touching the “-” and scrolling down to “0”.

3. Turn the whole cooktop off by touching the “ON/OFF” control.

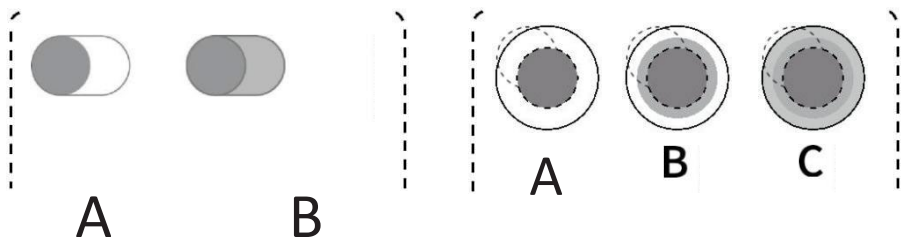


4. Beware of hot surfaces “H” (surface TEMP.) 60°C will show which cooking zone is hot to touch. It will disappear when the surface has cooled down to a safe temperature. It can also be used as an energy saving function if you want to heat further pans, use the hotplate that is still hot.



The double/triple zone function


- ▣ The Function only works on zone No.2 and 3
- ▣ The dual/triple cooking zones have two or three heating zones, so you can use a central and enlarged area. You can use only the central heating zone(A) or two (B) or three heating zones (C) at once.




Activate the double/triple zone function

- 1 Select a desired dual/triple cooking zone and set the heating level. The central area (A) switches on as usual.



- 2 Now press the corresponding cooking zone selection button again. While the heating level indicator is flashing, press the dual/triple cooking zone control 


once to additionally activate the second heating zone (B) or twice for the third heating zone (C), (only available for cooking zone 2).

A red dot next to the  icon indicates that the double/triple zone function is activated, and heating level indication show “=” and “5” alternately



- 3 To switch between the cooking zones in the sequence B>A>B..... or C>B>A>C....., press the corresponding cooking zone selection control and then the dual/triple zone button once or several times.

Deactivate the double/triple zone function

- 1 During the cooking process, touch the corresponding cooking zone selection button and then the dual/triple zone button  or switch off the zone by sliding it down.
- 2 When the hob is switched off, the function is also deactivated and must be reset if necessary.

Locking the Controls


- You can lock the controls to prevent unintended use (for example children accidentally turning the cooking zones on).
- When the controls are locked, all the controls except the ON/OFF control are disabled.

To lock the controls

Touch the keylock control



To unlock the controls

1. Make sure the ceramic hob cooker is turned on.
2. Touch and hold the keylock control  for 3 seconds.
3. You can now start using your cooker.



When the cooker is in the lock mode, all the controls are disabled except the ON/OFF, you can always turn the ceramic hob cooker off with the ON/OFF control in an emergency, but you shall unlock the cooker first in the next operation.

Over-Temperature Protection

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

Residual Heat Warning

When the cooker has been operating for some time, there will be some residual heat. The letter "H" appears to warn you to keep away from it.

Auto Switch Off

Auto switch off is a safety feature. Each cooking zone is switched off automatically after a maximum preset time if no further operation is performed. The maximum preset time limit depends on the set power level and the default cooking times are shown in the table below:

Power level	1	2	3	4	5	6	7	8	9
Operation time limit (hour)	8	8	8	4	4	4	2	2	2

Heating Ratio Design for per Hob

Heating level	1	2	3	4	5	6	7	8	9
Heating ratio	2/60	5/60	7/60	13/60	17/60	23/60	31/60	42/60	60/60

Keeping warm level for per Hob

Hob type no.	Rated power	Voltage / frequency	Keeping warm level	Keeping time
Ø 165 (single heating zone)	1200W	230V/50Hz	3	20 minutes
Ø 200 (single heating zone)	<u>1800W</u>	<u>230V/50Hz</u>	<u>3</u>	<u>20 minutes</u>
Ø 200 (single heating zone)	2000W	230V/50Hz	3	20 minutes
Ø 200 (double heating zones)	2000W	230V/50Hz	2	20 minutes
Ø 230 (double heating zones)	2200W	230V/50Hz	3	20 minutes
Ø 230 (triple heating zones)	<u>2300W</u>	<u>230V/50Hz</u>	<u>3</u>	<u>20 minutes</u>
Ø 165*270 (double heating zones)	2000W	230V/50Hz	3	20 minutes
Ø 300 (triple heating zones)	2700W	230V/50Hz	4	20 minutes
Ø 200 (double heating zones)	1800W	230V/50Hz	3	20 minutes
Ø 200 (double heating zones)	2200W	230V/50Hz	2	20 minutes

Overflow Protection

when the liquid flows to the control panel, the hob will automatically shut down within 10 seconds.

To restart, turn off the power and wipe the area with a clean towel before using.

Using the Timer

- You can set it to turn one cooking zone off after the set time is up.
- You can set the timer up to 99 minutes.

Setting the timer to turn one cooking zone off

1. Touching the heating zone selection control



2. Touch the timer control, the timer indicator show "30"



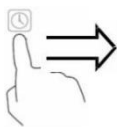
Set the time by touching the control "+" "-".



Or touch the timer control, the timer indicator show "30".

The tens is flashing, setting the tens timer by power level bar.

After the tens timer have be set, it will flash 3 seconds, and then turn the ones flashing, please setting the timer by power level bar during flashing.



Hint: Touch the "-" or "+" control of the timer once will decrease or increase by 1 minute.



3. When the time is set, it will begin to count down immediately, the display will show the remaining time.



NOTE: The red dot next to power level indicator will illuminate indicating that zone is selected.



Setting the timer to turn more than one cooking zone off

1. If more than one heating zone use this function, the timer indicator will show the lowest time.

(e.g. zone 1# setting time of 3 minutes, zone 2# setting time of 6 minutes, the timer indicator shows “3”.)

NOTE: The red dot next to power level indicator will flash.



(set to 6 minutes)



(set to 3 minutes)



2. When cooking timer expires, the corresponding cooking zone will be switch off automatically.



NOTE: If you want to change the time after the timer is set, you have to start from step 1

Installation



Take care when frying as the oil and fat heat up very quickly, At extremely high temperature oil and fat will ignite spontaneously and this presents a serious fire risk.

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 cooker to find the settings that best suit you.

Heat	Suitabil
1-2	<ul style="list-style-type: none">• delicate warming for small amounts of food• melting chocolate, butter, and foods that burn quickly• gentle simmering• slow warming
3-4	<ul style="list-style-type: none">• reheating• rapid simmering
6-5	<ul style="list-style-type: none">• pancakes
7-8	<ul style="list-style-type: none">• sautéing• cooking pasta
9	<ul style="list-style-type: none">• stir-frying• searing• bringing soup to the boil• boiling water

Care and Cleaning

What?	How?	Important!
Everyday soiling on glass (fingerprints, marks, stains left by food or non-sugary spillovers on the glass)	<ol style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> • 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	<p>Remove these immediately with a fish slice, palette knife or razor blade scraper suitable for glass cooktops of ceramic hob, but beware of hot cooking zone surfaces:</p> <ol style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> • 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. • Cut hazard: when the safety cover is retracted, the blade in a scraper is razor-sharp. Use with extreme care and always store safely and out of reach of children.
Spillovers on the touch controls	<ol style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> • 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.

Hints and Tips

Problem	Possible causes	What to do
The hob cannot be turned on.	No power.	Make sure the 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 hob 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 and suitable cleaning product.
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.
The Ceramic hob or a cooking zone has turned itself off unexpectedly, a tone sounds and an error code is displayed (typically alternating with one or two digits in the cooking timer display).	Technical fault.	Please note down the error letters and numbers, switch the power to the ceramichob off at the wall, and contact a qualified technician.

Failure Display and Inspection for ceramic hob

Cooking zone

If an abnormality comes up, the ceramic hob cooker will enter the protective state automatically and display corresponding protective codes:

CERAMIC HOB		
Error	Possible Cause	Remedy
E1	Thermal sensor is open-circuited or short-circuited for 6 minutes	Check thermal sensor

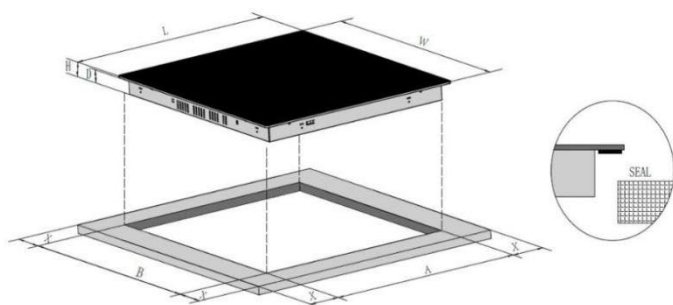
The above are the judgment and inspection of common failures.

Please do not disassemble the unit by yourself to avoid any dangers and damages to the ceramic cooker.

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 8 cm space shall be preserved around the hole.

Be sure the thickness of the work surface is at least 30mm. Please select heat-resistant work surface material to avoid larger deformation caused by the heat radiation from the hotplate. As shown below:



SEAL

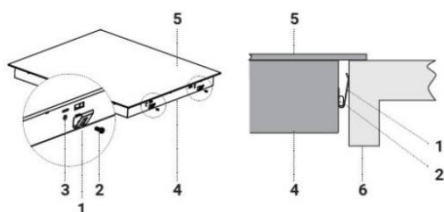
Mounting and Installation

Inserting and fixing the hob

· Place the hob on a clean, stable and smooth surface(e.g. use the packaging as a base).

Make sure that no pressure is exerted on the elements that protrude from the hob.

·Fit the 4 installation brackets (1) using the supplied screws (2)and screwing them into the corresponding screw holes (3)on the hob base (4) as shown in the illustrations.(These ensure that the hob is fixed in the worktop cut-outafter insertion).



1 Installation bracket

2 Screw

3 Screw hole

4 Hob base

5 Glass ceramic plate

6 Worktop

· Adjust the position of the brackets according to the installation situation.

Check the hob gasket for damage and for correct positioning on the hob.

· Insert the hob into the prepared cut-out in the worktop with the cables first and aligned centrally.

Make sure that it sits stably.



Notes:

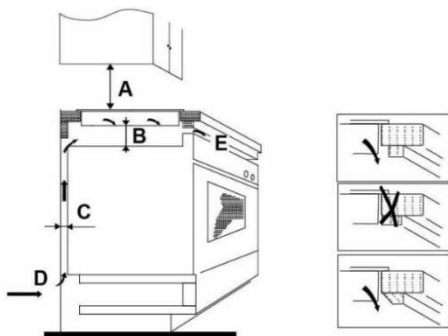
· There are ventilation openings on the outside of the hob. When inserting the hob, make sure that they are not blocked by the worktop!

· When inserting the hob, make sure that its connection cable cannot be crushed, bent or twisted!



Under any circumstances, make sure the cooktop is well ventilated and the air inlet and outlet are not blocked. Ensure the cooktop is in good work state.

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	30 mini	Air intake	Air exit 10mm

Before you install the cooker, make sure that

- the work surface is square and level, and no structural members interfere with space requirements.
- the work surface is made of a heat-resistant material.
- if the cooker is installed above an oven, the oven has a built-in cooling fan.
- the installation will comply with all clearance requirements and applicable standards and regulations.
- a suitable isolating switch providing full disconnection from the mains power supply is incorporated in the permanent wiring, mounted and positioned to comply with the local wiring rules and regulations. The isolating switch must be of an approved type and provide a 3 mm air gap contact separation in all poles (or in all active [phase] conductors if the local wiring rules allow for this variation of the requirements).

- the isolating switch will be easily accessible to the customer with the cooker installed.
- you consult local building authorities and by-laws if in doubt regarding installation.
- you use heat-resistant and easy-to-clean finishes (such as ceramic tiles) for the wall surfaces surrounding the cooker.

When you have installed the cooker, make sure that

- the power supply cable is not accessible through cupboard doors or drawers.
- there is adequate flow of fresh air from outside the cabinetry to the base of the cooker.
- if the cooker is installed above a drawer or cupboard space, a thermal protection barrier is installed below the base of the cooker.
- the isolating switch is easily accessible by the customer.

Cautions

1. The ceramichotplate must be installed by qualified personnel or technicians.
We have professionals at your service. Please never conduct the operation by yourself.
2. The cooker will not be installed directly above a dishwasher, fridge, freezer, washing machine or clothes dryer, as the humidity may damage the cooker electronics.
3. The ceramichotplate shall be installed such that better heat radiation can be ensured to enhance its reliability.
4. The wall and induced heating zone above the table surface shall withstand heat.
5. To avoid any damage, the sandwich layer and adhesive must be resistant to heat.

Connecting the cooker to the mains power supply



This cooker must be connected to the mains power supply only by a suitably qualified person.

Before connecting the cooker to the mains power supply, check that:

1. the domestic wiring system is suitable for the power drawn by the cooker.
2. the voltage corresponds to the value given in the rating plate.
3. the power supply cable sections can withstand the load specified on the rating plate. To connect the cooker to the mains power supply, do not use adapters, reducers, or branching.

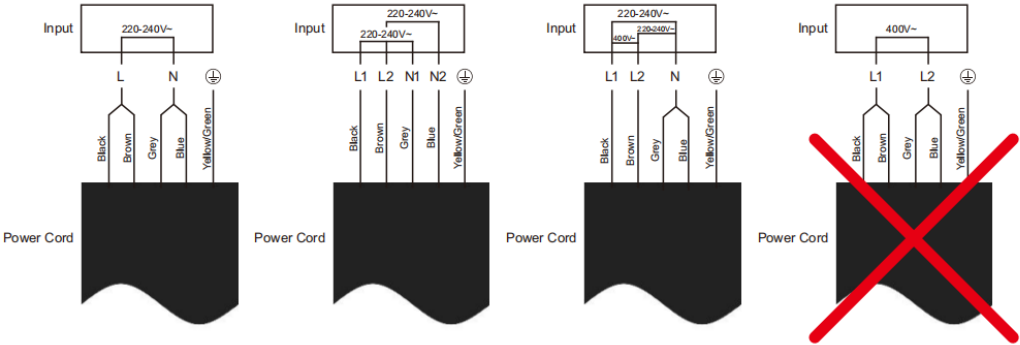
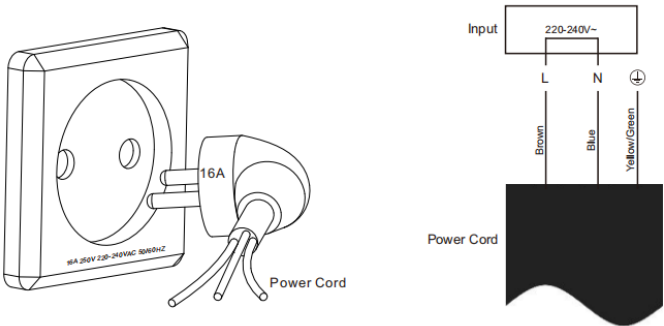
devices, as they can cause overheating and fire.

The power supply cable must not touch any hot parts and must be positioned so that its temperature will not exceed 75°C at any point.



Check with an electrician whether the domestic wiring system is suitable without alterations. alterations must only be made by a qualified electrician.

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.



- If the cable is damaged or to be replaced, the operation must be carried out the by after-sale agent with dedicated tools to avoid any accidents.
- If the appliance is being connected directly to the mains an omnipolar circuit-breaker must be installed with a minimum opening of 3mm between contacts.
- The installer must ensure that the correct electrical connection has been made and that it is compliant with safety regulations.
- The cable must not be bent or compressed.
- The cable must be checked regularly and replaced by authorised technicians only.



DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

This appliance is labeled in compliance with European directive 2002/96/EC 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.

The symbol on the product indicates that it may not be treated as normal household waste. It should be taken to a collection point for the recycling of electrical and electronic goods.

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.

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.