



Built-in Electric Cooktop

CHMB774C/CHMB775C/CHMB915C

Instruction / Installation Manual



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PLEASE READ INSTRUCTIONS CAREFULLY BEFORE ASSEMBLY
RETAIN THIS MANUAL FOR FUTURE REFERENCE



Safety Warning

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 service or maintenance on it.
- Connection to a 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 instructions 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 anytime.
- Please make this information available to the person responsible for installing the appliance as it could reduce your installation costs.
- 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 qualified person.
- This appliance should be connected to a circuit that incorporates an isolating switch providing full disconnection from the power supply.
- Failure to install the appliance correctly could invalidate 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 switch 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.


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. 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.
- Children or persons with a disability that 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 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 to avoid a hazard.
- This appliance is intended to be used in households 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.
- Only when been given supervision or instruction concerning the use of the appliance in a safe way and understanding the hazards involved, can this appliance be used by children aged 8 years and above and persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be done 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 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.

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

 **Warning:** To prevent tipping of the appliance, this stabilizing means must be installed. Refer to the instructions for installation.

 **Warning:** Use only hob guards designed by the manufacturer of the cooking appliance or indicated by the manufacturer of the appliance in the instruction for use as suitable or hob guards incorporated in the appliance. The use of inappropriate guards can cause accidents.

This appliance incorporates an earth connection for functional purposes only.

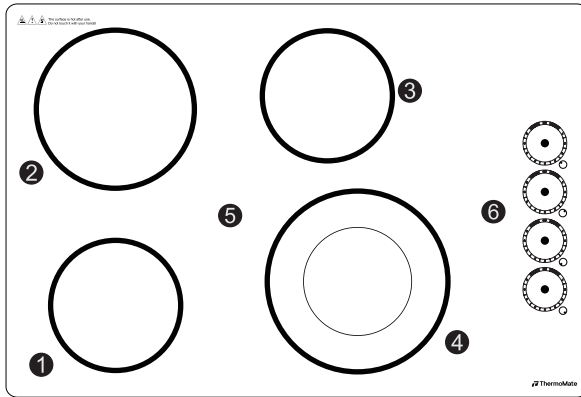
Congratulations on the purchase of your new ceramic cooktop.

We recommend that you spend some time reading 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.

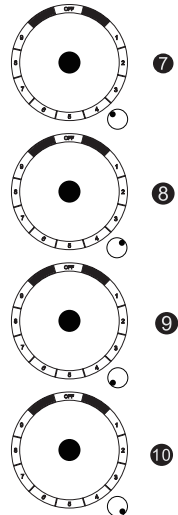
Product Overview

CHMB774C

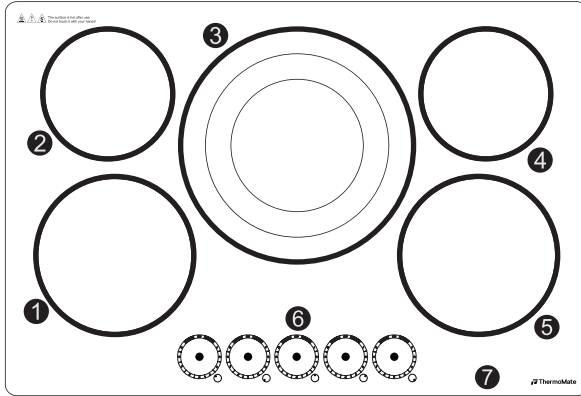


- ❶ Left front cooking zone - 1200W
- ❷ Left rear cooking zone - 1800W
- ❸ Right rear cooking zone - 1200W
- ❹ Right front cooking zone - 2500W
- ❺ Ceramic glass
- ❻ Knob control panel

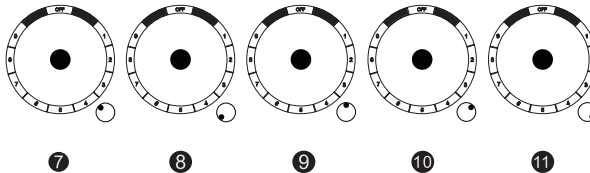
- ❼ Knob control for left rear cooking zone
- ❽ Knob control for right rear cooking zone
- ❾ Knob control for left front cooking zone
- ❿ Knob control for right front cooking zone



CHMB775C

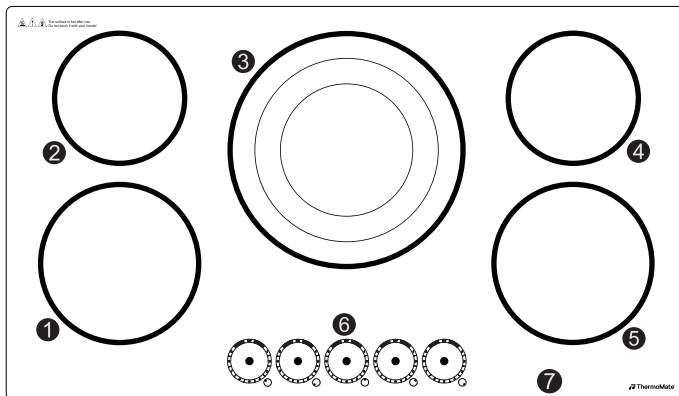


- ① Left front cooking zone-1800W
- ② Left rear cooking zone-1200W
- ③ Middle cooking zone-3000W
- ④ Right rear cooking zone-1200W
- ⑤ Right front cooking zone-1800W
- ⑥ Knob control panel
- ⑦ Ceramic glass

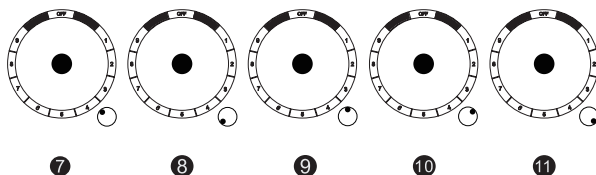


- ⑦ Knob control for left rear cooking zone
- ⑧ Knob control for left front cooking zone
- ⑨ Knob control for middle cooking zone
- ⑩ Knob control for right rear cooking zone
- ⑪ Knob control for right front cooking zone

CHMB915C



- ❶ Left front cooking zone-1800W
- ❷ Left rear cooking zone-1200W
- ❸ Middle cooking zone-3000W
- ❹ Right rear cooking zone-1200W
- ❺ Right front cooking zone-1800W
- ❻ Knob control panel
- ❼ Ceramic glass



- ❼ Knob control for left rear cooking zone
- ❽ Knob control for left front cooking zone
- ❾ Knob control for middle cooking zone
- ❿ Knob control for right rear cooking zone
- ⓫ Knob control for right front cooking zone



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. Use pans whose diameter is as large as the graphic of the zone selected. Using a pot a slightly wider, energy will be used at its maximum efficiency. If you use a smaller, pot efficiency could be less than expected. Always center your pan on the cooking zone.



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



Using Your Ceramic Hob

Single Burner Heating Elements (All Models)

To operate the single radiant element:

1. Place correctly sized cookware on surface element.
2. Push in and turn the surface control knob in either direction to the desired setting (refer to the "suggested radiant surface element settings" in Table 1).
3. When cooking is complete, turn the radiant surface element OFF before removing the cookware.

Start most cooking operations on a higher setting and then turn to a lower setting to finish cooking.

The surface control knobs do not have to be set exactly on a particular spot. Use the graphics provided as a guide and adjust the control knob as needed. A glowing red surface heating area extending beyond the bottom edge of the cookware indicates the cookware is too small for the surface heating area.

Suggested Radiant Surface Element Settings

The suggested settings found in Table 1 below are based on cooking with medium-weight aluminum pans with lids.

Settings may vary when using other types of pans.

Settings	Type of Cooking
High (Hi-9)	Start most foods, bring water to a boil, pan broiling
Medium High (7-8)	Continue a rapid boil, fry, deep fat fry
Medium(5-6)	Maintain a slow boil, thicken sauces and gravies or steam vegetables
Medium Low (2-4)	Keep foods cooking, poach, stew
Low (1)	Low temperature cooking

Table1: Suggested radiant surface element settings

IMPORTANT

Do not allow aluminum foil or ANY material that can melt to make contact with the ceramic glass cooktop. If these items melt on the cooktop, they will damage the ceramic cooktop.

NOTE

The size and type of utensil used, and the amount and type of food being cooked will influence the setting needed for best cooking results.

The element ON indicator lights will turn on when one or more element are turned ON. A quick glance at these indicator lights when finished cooking is an easy check to be sure all control knob are turned OFF. The hot surface indicator light will remain on AFTER the control knob is turned to the “OFF” position and will stay on until the heating surface area has cooled sufficiently.

CAUTION

Radiant surface elements may appear to have cooled after they have been turned off. The glass surface may still be hot and burns may occur if the glass surface is touched before it has cooled sufficiently.

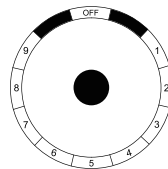
Do not place flammable items such as plastic salt and pepper shakers, spoon holders, or plastic wrappings on the top of the cooktop when it is in use. These item could melt or ignite. Pot holders, towels, or wooden spoons could catch fire if placed too close to the surface elements.



Operating The Cooking Elements

Dual Surface Element

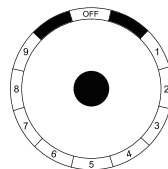
- To use the small surface element, turn the control knob to the Small Burner settings 1-4 levels.
- To use the large surface element, turn the control knob to the Large Burner settings 5-9 levels.
- Triple Surface Element
 - Heat setting 1~3 for single cooking zone
 - Heat setting 4~6 for dual cooking zone
 - Heat setting 7~9 for triple cooking zone



Hot Light Indicator

Dual Surface Element

A hot surface indicator light (one for each cooking element) will glow and blink when the glass surface is hot and will remain on until the surface has cooled to temperature that is safe to touch.



Over-heat Protection

A temperature sensor equipped can monitor the temperature inside the cooktop. When an excessive temperature is monitored, the cooktop will automatically stop working.

Over-flow Protection

For your safety, the programmer will auto shut off the power if liquid boiling or wet cloth over touch control panel. All control buttons became invalid except ON/OFF and Child Lock button, unless you wipe the touch control area dry.

Cooking Guidelines

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

Cooking Tips

- When food comes to the boil, reduce the power 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.

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 off the cooktop. 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 ceramic glass cooktops, but beware of hot cooking zone surfaces:</p> <ol style="list-style-type: none"> 1. Switch OFF the power to the cooktop 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 knob controller	<ol style="list-style-type: none"> 1. Switch off the cooktop. 2. Soak up the spill 3. Wipe the 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"> • If there is liquid on the knob controls, the hob may beep and switch itself off and the knob controls may not work. Ensure that the knob control area is dried before switching the hob back on.



Troubleshooting

Problem	Possible causes	What to do
The hob cannot be turned on.	No power.	Make sure the cooktop 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 have checked everything and the problem persists, call a qualified technician.
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 cracking or clicking noises.	This maybe 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 cooktop makes a low humming noise when used on a high heat setting.	This is caused by the technology of ceramic cooking.	This is normal, but the noise should quieten down or disappear completely when you decrease the heat setting.
Pans do not become hot and not appear in the display.	The ceramic cooktop cannot detect the pan because it is not suitable for ceramic cooking. The ceramic hob cannot detect the pan because it is too small for the cooking zone or not properly centered on it.	use cookware suitable for ceramic cooking. See "section choosing the right cookware". centre the pan and make sure that its base matches the size of the cooking zone.
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 the error letters and numbers, switch off the power to the ceramic hob at the wall, and contact a qualified technician.



Failure Display and Inspection

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

problem	Possible causes	What to do
The indicator blinks at short intervals once	Voltage lower than 150V	check the voltage
The indicator blinks at short intervals twice	voltage higher than 285v	check the voltage
The indicator blinks at short intervals three times	surface sensor open or short circuit	please contact the supplier
The indicator blinks at short intervals five times	surface temperature overheating	Let the appliance cool down before

The above is the judgment and inspection of common failures.
please do not disassemble the unit by yourself to avoid any dangers and damage to the ceramic hob.



Technical Specifications

Cooking Cooktop	CHMB774C
Cooking Zones	4 Zones
Supply Voltage	240V~ 60Hz
Installed Electric Power	6700W
Product Size D×W×H	770 x 520 x 75 mm 30.31 x 20.47 x 2.95 inch
Building-in Dimensions D×W	735 x 495 mm 28.94 x 19.49 inch

Cooking Cooktop	CHMB775C
Cooking Zones	5 Zones
Supply Voltage	240V~ 60Hz
Installed Electric Power	9000W
Product Size D×W×H	770 x 520 x 75 mm 30.31 x 20.47 x 2.95 inch
Building-in Dimensions D×W	735 x 495 mm 28.94 x 19.49 inch

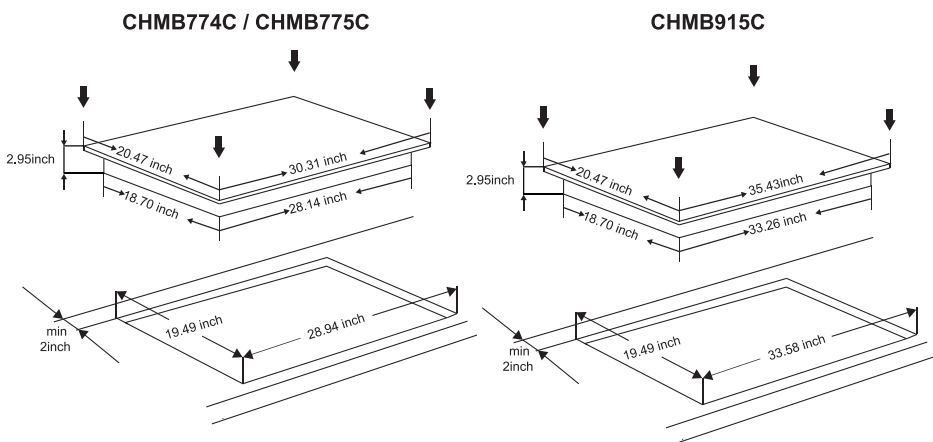
Cooking Cooktop	CHMB915C
Cooking Zones	5 Zones
Supply Voltage	240V~ 60Hz
Installed Electric Power	9000W
Product Size D×W×H	900 x 520 x 75 mm 35.43 x 20.47 x 2.95 inch
Building-in Dimensions D×W	853 x 495 mm 33.58 x 19.49 inch

Installation

Selection of Installation Equipment

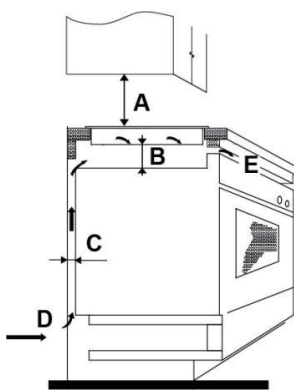
1. Make sure the size of the ceramic cooktop (DxWxH):
CHMB774C / CHMB775C: 30.31x20.47x2.95inch/770x520x75mm or
CHMB915C: 35.43x20.47x2.95inch/900x520x75mm
2. Clean the countertop surface and make a proper cutout(DxW):
CHMB774C / CHMB775C: 28.94x19.49inch/735x495mm
CHMB915C: 33.58x19.49inch/853x495mm.

Kindly Note: For installation and use, a minimum of 1.97inch(50mm) space shall be preserved around the hole. Be sure the thickness of the work surface is at least 1.18inch(30mm). Please select heat-resistant work surface material to avoid larger deformation caused by the heat radiation from the ceramic hob. As shown below:

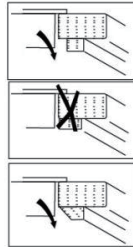


Under any circumstances, make sure the ceramic cooktop is well ventilated and the air inlet and outlet are not blocked. Ensure the ceramic cooktop is in good work state. As shown below:

Note: The safety distance between the ceramic cooktop and the cupboard above the ceramic cooktop should be at least 30inch(760mm).



A	B	C	D	E
29.92" (760mm)	1.97" (50mm) mini	0.79" (20mm) mini	Air intake	Air exit 0.4"(10mm)



Before You Install the Cooktop, 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 cooktop is installed above an oven, the oven must have 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 0.12inch (3mm) 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 cooktop installed.
- Consult local building authorities and by-laws if in doubt regarding installation.
- Use heat-resistant and easy-to-clean finishes (such as ceramic tiles) for the wall surfaces surrounding the cooktop.

When You Have Installed the Cooktop, 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 cooktop.

- If the cooktop is installed above a drawer or cupboard space, a thermal protection barrier is installed below the base of the cooktop.
- The isolating switch is easily accessible by the customer.

Cautions


1. The ceramic cooktop must be installed by qualified personnel or technicians.
2. The cooktop will not be installed directly above a dishwasher, fridge, freezer, washing machine or clothes dryer, as the humidity may damage the cooktop electronics.
3. The ceramic cooktop 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 Cooktop to The Mains Power Supply

This cooktop must be connected to the mains power supply only by a suitably qualified person. Before connecting the hob to the mains power supply, check that:

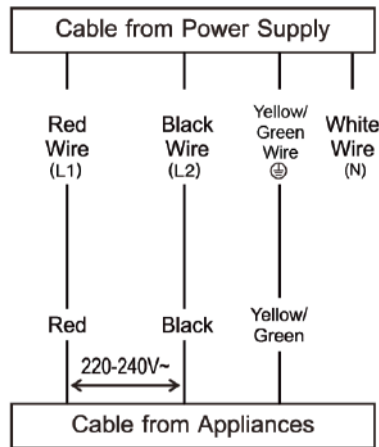
1. the domestic wiring system is suitable for the power drawn by the cooktop.
2. the voltage corresponds to the value given in the rating plate
3. the power supply cable sections can withstand the load specified on the rating plate.

To connect the cooktop 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 167°F(76°C) at any point.

 Check with an electrician whether the domestic wiring system is suitable without alterations. Any 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 by qualified person 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 0.12inch (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.

Product Warranty

thermomate warrants this Cooktop to the original retail purchaser only, to be free from defects in material and workmanship for a period of one (1) year from the date of initial purchase. This product must be properly installed, maintained and operated in accordance with the instructions provided.

thermomate requires reasonable proof of your date of purchase from an authorized retailer or distributor. Therefore, you should keep your sales slip, invoice or cancelled check from the original purchase.

This Limited Warranty shall be limited to the repair or replacement of parts, which proven defective under normal use and service within the warranty period, and which thermomate shall determine at its reasonable discretion.

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