

Safety Reminding and Maintenance:

- **WARNING:** The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements.
- Children under 8 Year of age must be kept away from the appliance unless they are 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 must 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.
- Do not use a steam cleaner for cleaning operations

- Metallic objects such as knives, forks, spoons and sauce pan lids must not be placed on the hob surface as they can get hot. Any spillage should be removed from the lid before opening.
- The hob surface must be allowed to cool down before closing the lid.
- After use, switch off the hob element by its control. Do not rely on the pan detector.
- This appliance is not intended to be operated by means of an external timer or separate remote - control system.
- The means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.
- The instructions state the type of cord to be used, taking into account the temperature of the rear surface of the appliance.
- 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.
- CAUTION: In order to avoid a hazard due to inadvertent resetting of the thermal cutout, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

WARNING: Use only hob guards designed by 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.

- Always use the appropriate cookware.
- Always place the pan in the center of the unit that you are cooking on.
- Do not place anything on control panel.
- Do not use the surface as a cutting board.

- The hob surface must be allowed to cool down before closing the lid.
- **CAUTION:** the cooking process must be supervised. A short term cooking process has to be supervised continuously

Dear Customer:

Thank you for purchasing the CANDY induction hob. We hope it will give many years of good service.

Please read this instruction manual carefully before using the hob and keep it in a safe place for future reference.

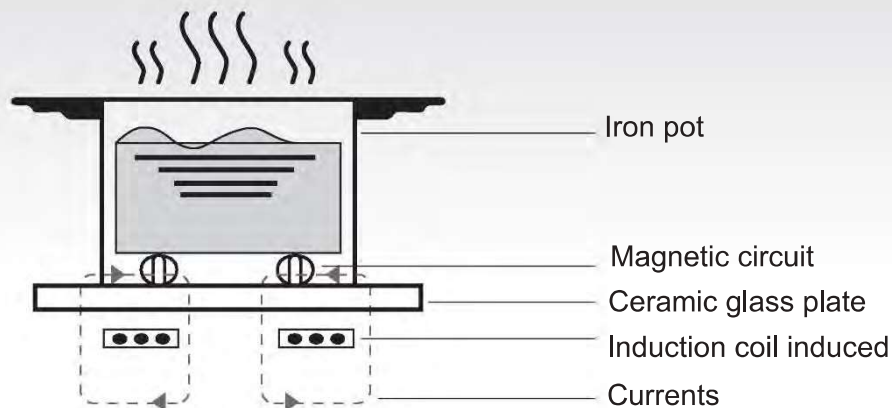
Product Introduction

The induction hob caters for all kind of cooking, with its electromagnetic cookingzones, and its micro-computerised controls and multi-functions, making it the ideal choice for todays family.

Manufactured with specially imported materials, the CANDY induction hob is extremely user-friendly, durable and safe.

Working Principle

The induction hob comprises a coil, a hotplate made of ferromagnetic material and a control system. Electrical current generates a powerful magnetic field through the coil. This produces a large number of vortices which in turn generate heat which is then transmitted through the cookingzone to the cooking vessel.



Safety

This hob was specially designed for domestic use.

In its constant search to improve its products, CANDY reserves the right to modify any technical, programme or aesthetic aspects of the appliance at any time.

- **Protection from over-heating**

A sensor monitors the temperature in the cooking zones. When the temperature exceeds a safe level, the cooking zone is automatically switched off.

- **Detection of small or non-magnetic items**

When a pan with a diameter of less than 80 mm, or some other small item (e.g. knife, fork, key) or a non-magnetic pan (e.g. aluminium) has been left on the hob, a buzzer sounds for approximately one minute, after which the hob goes automatically on to standby.

- **Residual heat warning**

When the hob 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 shutdown**

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

Power level	The heating zone shut down automatically after
1~3	8 hours
4~6	4 hours
7~9	2 hours

When the pan is removed from the cooking zone, it stops heating immediately and switches itself off after the buzzer has sounded for one minute.

Warning: Anyone who has been fitted with a heart pacemaker should consult a doctor before using the induction hotplate

Installation

1. Cut a hole in the worktop of the dimension shown in the diagram below. A minimum of 50 mm space should be left around the hole. The worktop should be at least 30 mm thick and made of heat-resistant material.

As shown in Figure (1)

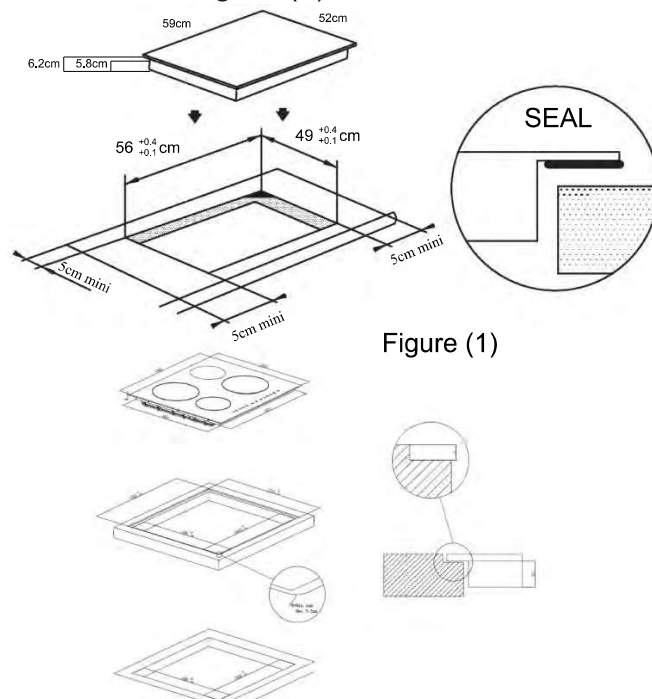


Figure (1)

Flush installation: Feasible only if the oven is not installed under the counter

2. It is essential that the induction hob is well ventilated and that the air intake and exit are not blocked. Make sure the hob is correctly installed as shown in Figure 2.

Figure (2)

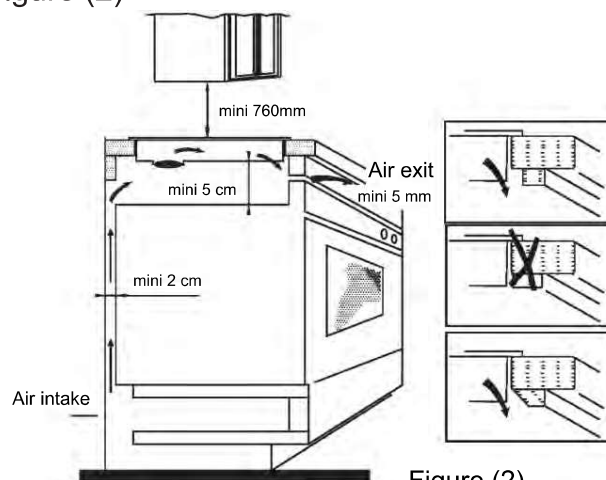
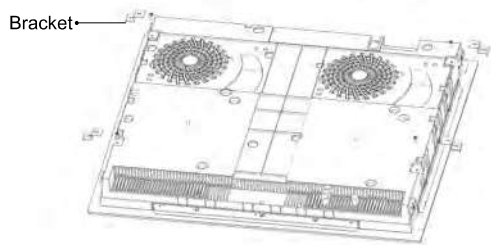


Figure (2)

NB: For safety, the gap between the hob and any cupboard above it should be at least 760 mm.

3. Fix the hob to the worktop using the four brackets on the base of the hob. The position of the brackets can be adjusted according to the thickness of the top.



Warnings:

- (1) The induction hob must be installed by a properly qualified person. We have our own qualified installers. Never try to install the appliance yourself.
- (2) The induction hob must not be installed above refrigerators, freezers, dishwashers or tumble dryers.
- (3) The induction hob should be installed so that optimum radiation of heat is possible.
- (4) The wall and the area above the hob should be able to withstand heat.
- (5) To avoid any damage, the sandwich layer and adhesive should be heat-resistant.

4. Connection to power supply

The socket should be connected in compliance with the relevant standard, to a single-pole circuit breaker. The method of connection is shown in Figure 3.

Voltage	Wire connection				
380-415V 3N~	1	2	3	4	5
	L1	L2		N	
	Black	Brown	Blue		Yellow/Green
220-240V~	1	2	3	4	5
		L		N	
	Black & Brown		Blue		Yellow/Green

Figure (3)

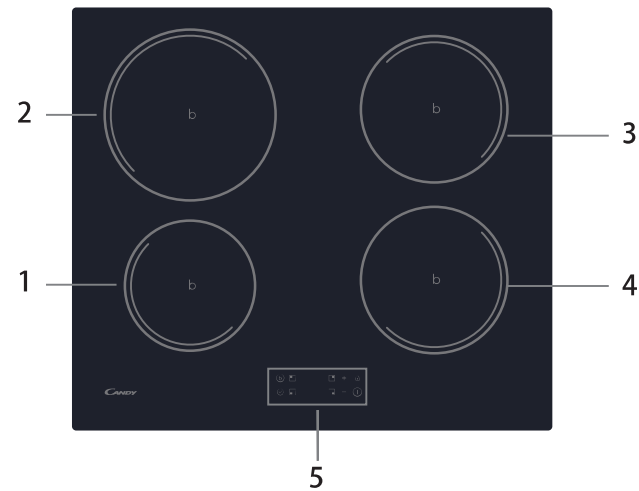
If the cable is damaged or needs replacing, this should be done by an after-sales technician using the proper tools, so as to avoid any accidents.

If the appliance is being connected directly to the mains supply, an omnipolar circuit breaker must be installed with a minimum gap of 3 mm between the contacts.

The installer must ensure that the correct electrical connection has been made and that it complies with safety regulations.

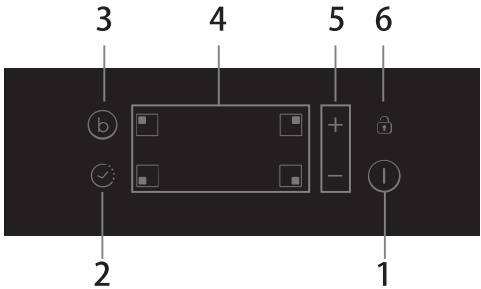
The cable must not be bent or compressed. The cable must be checked regularly and only replaced by a properly qualified person.

Diagram of induction hob:



- 1. Max. 1300/1500W zone
- 2. Max. 2300/2600W zone
- 3. Max. 1800/2000W zone
- 4. Max. 1800/2000W zone
- 5. Glass plate
- 6. Control panel

Schematic diagram of the control panel



- 1. On/Off control
- 2. Timer control
- 3. Boost
- 4. Heating zone selection controls
- 5. Power / Timer regulating key
- 6. Keylock control

Operation of Product

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



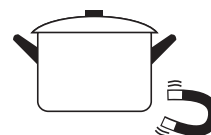
- Only use cookware with a base suitable for induction cooking. Look for the induction symbol on the packaging or on the bottom of the pan.

- You can check whether your cookware is suitable by carrying out a magnet test. Move a magnet towards the base of the pan. If it is attracted, the pan is suitable for induction.

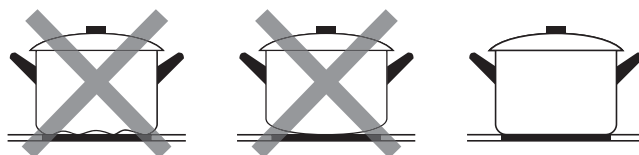
- If you do not have a magnet:

1. Put some water in the pan you want to check.
2. If  does not flash in the display and the water is heating, the pan is suitable.

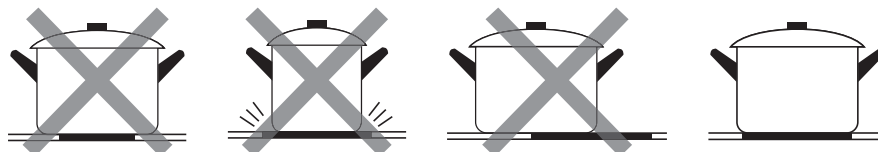
- Cookware made from the following materials is not suitable: pure stainless steel, aluminium or copper without a magnetic base, glass, wood, porcelain, ceramic, and earthenware.



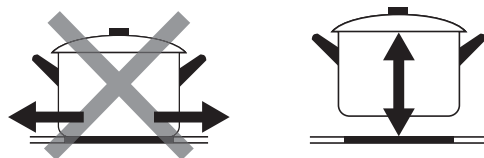
Do not use cookware with jagged edges or a curved base.



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 smaller pot efficiency could be less than expected. Pot less than 140 mm could be undetected by the hob. Always centre your pan on the cooking zone.



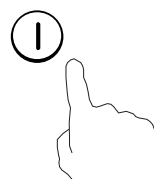
Always lift pans off the Induction hob - do not slide, or they may scratch the glass.



How to use

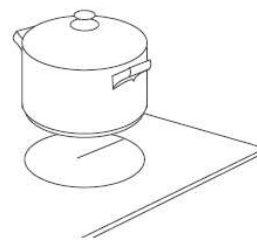
Start cooking

Touch the ON/OFF control for three seconds. After power on, the buzzer beeps once, all displays show “-” or “- -”, indicating that the induction hob has entered the state of standby mode.

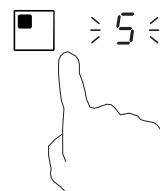


Place a suitable pan on the cooking zone that you wish to use.

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

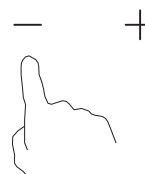


Touching the heating zone selection control, and an indicator next to the key will flash



Select a heat setting by touching the “-” or “+” control.

- If you don't choose a heat setting within 1 minute, the Induction hob will automatically switch off. You will need to start again at step 1.
- You can modify the heat setting at any time during cooking.



If the display flashes alternately with the heat setting

This means that:

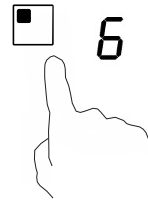
- you have not placed a pan on the correct cooking zone or,
- the pan you're using is not suitable for induction cooking or,
- the pan is too small or not properly centered on the cooking zone.

No heating takes place unless there is a suitable pan on the cooking zone.

The display will automatically turn off after 1 minute if no suitable pan is placed on it.

Finish cooking

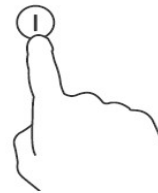
Touching the heating zone selection control that you wish to switch off



Turn the cooking zone off by scrolling down to "0" or touching "-" and "+" control together. Make sure the display shows "0".



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



Beware of hot surfaces

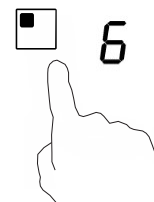
H will show which cooking zone is hot to touch. It will disappear when the surface has cooled down to a safe temperature. It can also be used as an energy saving function if you want to heat further pans, use the hotplate that is still hot.



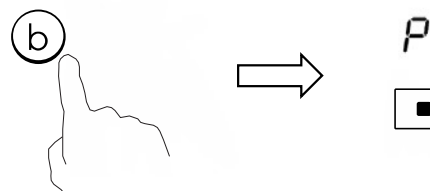
Using the Boost function

Activate the boost function

Touching the heating zone selection control.

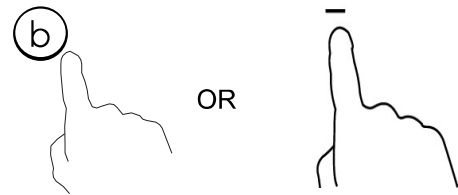


Touching the boost control **B**, the zone indicator show "P" and the power reach Max.

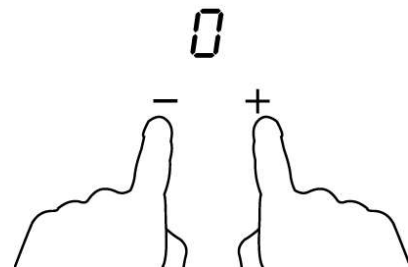


Cancel the Boost function

Touching the "Boost" control or the "-" button to cancel the Boost function, then the cooking zone will revert to its original setting.



Touching "-" and "+" control together. The cooking zone switch off and the boost function cancel automatically



- The cooking zone returns to its original setting after 5 minutes.
- If the original heat setting equals 0, it will return to 9 after 5 minutes.

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 lock control

The timer indicator will show "Lo"

To unlock the controls

Touch and hold the lock control for a while.



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

Timer control

You can use the timer in two different ways:

- You can use it as a minute minder. In this case, the timer will not turn any cooking zone off when the set time is up.
- You can set it to turn one or more cooking zones off after the set time is up.
The timer of maximum is 99 min.

a) Using the Timer as a Minute Minder

Make sure the cooktop is turned on, if you are selecting a cooking zone

Note: you can use the minute minder at least one zone shall be active.



Select the zone by touching the heating zone selection control.

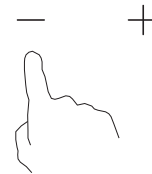
When the zone is confirmed, touch the control of the timer.

The minder indicator will start flashing and "10" will show in the timer display.

Set the time by touching the "-" or "+" control of the timer

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

Touch and hold the "-" or "+" control of the timer to decrease or increase by 10 minutes.



To cancel the minute minder

Select the zone by touching the heating zone selection control. In a short time, touch the timer control.

Touching the "-" and "+" together, the timer is cancelled, and the "00" will show in the minute display.



When the time is set, it will begin to count down immediately. The display will show the remaining time and the timer indicator will flash for 5 seconds.



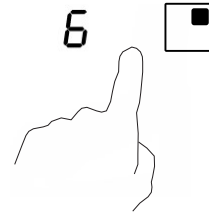
Buzzer will beep for 30 seconds and the timer indicator shows "--" when the setting time finished.



b) Setting the timer to turn one cooking zone off

Set one zone

Touching the heating zone selection control that you want to set the timer for. (e.g. zone 3#)



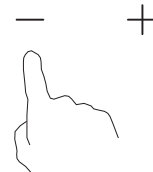
In short time, before the display stops flashing, touch the timer control. The minder indicator will start flashing and "10" will show in the timer display.



Set the time by touching the "-" or "+" control of the timer

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

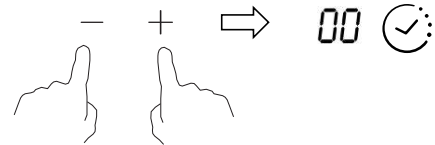
Touch and hold the "-" or "+" control of the timer will decrease or increase by 10 minutes.



To cancel the timer

Select the zone by touching the heating zone selection control. In a short time, touch the timer control.

Touching the "-" and "+" together, the timer is cancelled, and the "00" will show in the minute display.



When the time is set, it will begin to count down immediately. The display will show the remaining time and the timer indicator flash for 5 seconds.

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



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

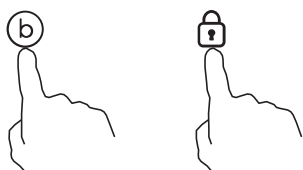

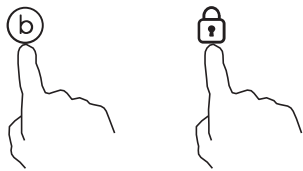




Other cooking zone will keep operating if they are turned on previously.

The pictures shown above are for reference only, and the final product shall prevail.

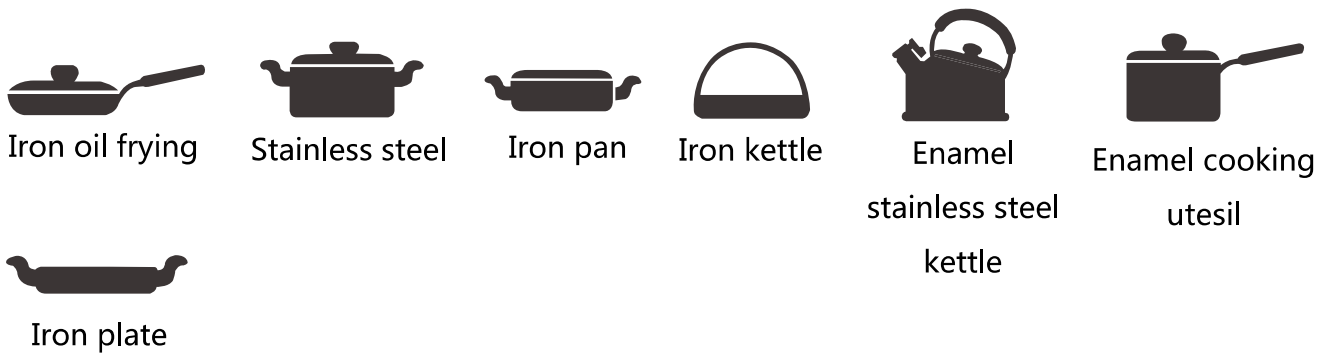
Power Management Function

- it is possible to set a maximum power absorption level for the induction hob, choosing up to different power ranges.
- induction hobs are able to limit themselves automatically in order to work at lower power, to avoid the risk of overloading.
- It is not necessary to put any pots on the heating zones. **We suggest to start setting within 5 seconds after connecting the power.** You need to enter the power setting mode within 60 seconds to enter Power Management Function.

To enter Power Management Function	
<p>1. Please be noted that do not turn on the hob. At this stage, press "Boost" and "Lock" at the same time.</p> 	<p>The "S" symbol will be displayed on zone #1.</p>
<p>2. Press "Lock" key.</p> 	<p>The symbol "S" will be displayed on zone #1 and symbol "E" will be displayed on zone #2.</p>
<p>3. Press "Boost" and "Lock" keys at the same time again.</p> 	<p>The symbol "S" will be displayed on zone #1, "E" will be displayed on zone #2, and "t" will be displayed on zone #3. At the same time, the current maximum power mode (7.2) will be displayed on the timer indicator.</p>
To switch to another level	
<p>short press the "Boost" key</p> 	<p>There are 6 power levels, from "7.2" to "2.5". The timer indicator will show one of them.</p> <p>"7.2" : the maximum power is 7.2kW. "6.5" : the maximum power is 6.5kW. "5.5" : the maximum power is 5.5kW. "4.5" : the maximum power is 4.5kW. "3.5" : the maximum power is 3.5kW. "2.5" : the maximum power is 2.5kW.</p>
Confirmation Power Management Function	

<p>After the desired power setting mode is selected, please press "Lock" key</p> 	<p>When the timer indicator stops flickering, the power mode is set successfully.</p>
<p>Exit Power Management Function</p>	
<p>After the setting, make sure to dis-connect the power and connect it again.</p>	<p>Then the hob will be turned off.</p>

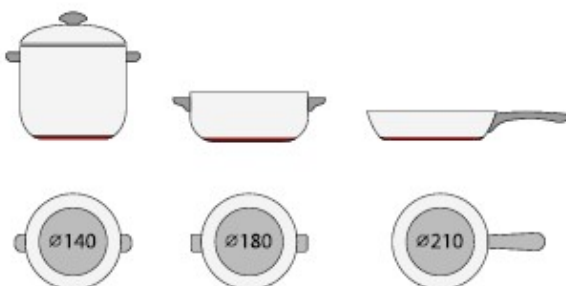
Selection of cooking vessels



You may have a number of different cooking vessels

1. This induction hob can identify a variety of cooking vessels, which you can test by one of the following methods:
 Place the vessel on the cooking zone. If the corresponding cooking zone displays a power level, then the vessel is suitable. If "U" flashes, then the vessel is not suitable for use with the induction hob.
2. Hold a magnet to the vessel. If the magnet is attracted to the vessel is suitable for use with the induction hob.
 NB: The base of the vessel must contain magnetic material.
 It must have flat bottom with a diameter according to the table 1 below.
3. Use only ferromagnetic cookwares made from enameled steel, cast iron or stainless steel but compatible with induction
4. Use pans whose diameter of the ferromagnetic area (base of the pan) is in the range of dimensions in the table below. (Table 1)
 - If you use smaller pots, performance could be affected
 - If you use pot with a diameter smaller than the one indicated in the table 1, pots may not be detected

According to the dimension of the zone you can use pots of different diameters as picture below:





5. If the ferromagnetic part covers only partially the base of the pan, only the ferromagnetic area will heat up, the rest of the base may not heat up a sufficient temperature for cooking.

6. If the ferromagnetic area is not homogeneous, but presents others material such as aluminum this may affect the heating up and the pan detection.

If the base of the pan is similar to the pictures below the pan could be not detected.



	The base diameter of induction cookware	
Cooking zone	Minimum	Maximum
1	120	160
2	160	210
3 & 4	140	180

The above may vary according to the size of the pan and the material it is made from.

Cleanness and Maintenance

The surface of the induction hob may be easily cleaned in the following way:

Type of contamination	Method of cleaning	Cleaning materials
Light	Immerse in hot water and wipe dry	Cleaning sponge
Rings and lime scale	Apply white vinegar to the area, wipe with a soft cloth or use a commercially available product	Special adhesive for ceramic glass
Sweetmeat, melted aluminium or plastics	Use a special scraper for ceramic glass to remove residue (a silicon product is best)	Special adhesive for ceramic glass

NB: Disconnect the power supply before cleaning.

Failure Display and Inspection

The induction 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 dismantling the hob from the working surface.

Troubleshooting

1) Failure code occur during customer using & Solution;

Failure code	Problem	Solution
No Auto-Recovery		
E1	Ceramic plate temperature sensor failure--open circuit.	Check the connection or replace the ceramic plate temperature sensor.
E2	Ceramic plate temperature sensor failure--short circuit.	
Eb	Ceramic plate temperature sensor failure	
E3	High temperature of ceramic plate sensor.	Wait for the temperature of ceramic plate return to normal. Touch "ON/OFF" button to restart unit.
E4	Temperature sensor of the IGBT failure--open circuit.	Replace the power board.
E5	Temperature sensor of the IGBT failure--short circuit	

E6	High temperature of IGBT.	Wait for the temperature of IGBT return to normal. Touch "ON/OFF" button to restart unit. Check whether the fan runs smoothly; if not, replace the fan.
E7	Supply voltage is below the rated voltage.	Please inspect whether power supply is normal. Power on after the power supply is normal.
E8	Supply voltage is above the rated voltage.	
U1	Communication error.	Reinsert the connection between the display board and the power board. Replace the power board or the display board.

2) Specific Failure & Solution

Failure	Problem	Solution A	Solution B
The LED does not come on when unit is plugged in.	No power supplied.	Check to see if plug is secured tightly in outlet and that outlet is working.	
	The accessorial power board and the display board connected failure.	Check the connection.	
	The accessorial power board is damaged.	Replace the accessorial power board.	
	The display board is damaged.	Replace the display board.	
Some buttons can't work, or the LED display is not normal.	The display board is damaged.	Replace the display board.	
The Cooking Mode Indicator comes on, but heating does not start.	High temperature of the hob.	Ambient temperature may be too high. Air Intake or Air Vent may be blocked.	
	There is something wrong with the fan.	Check whether the fan runs smoothly; if not, replace the fan.	
	The power board is damaged.	Replace the power board.	
Heating stops suddenly during operation and the display flashes "u".	Pan Type is wrong.	Use the proper pot (refer to the instruction manual.)	Pan detection circuit is damaged, replace the power board.
	Pot diameter is too small.		
	Cooker has overheated;	Unit is overheated. Wait for temperature to return to normal.	
		Push "ON/OFF" button to restart unit.	
Heating zones of the same side (Such as the first and the second zone) would display "u".	The power board and the display board connected failure;	Check the connection.	
	The display board of communicate part is damaged.	Replace the display board.	

	The Main board is damaged.	Replace the power board.	
Fan motor sounds abnormal.	The fan motor is damaged.	Replace the fan.	

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 induction hob.

Customer Care Service

If a fault should occur, before calling After Sales Service, please do the following:

- Check that the appliance is correctly plugged in
- Read the failure and display table above

If you are still unable to resolve the problem, switch off the appliance, do not try to dismantle it, and call

After Sales Service.

Special Declaration

The contents of this manual have been carefully checked. However, the company cannot be held responsible for any misprints or omissions.

Also, any technical modifications may be included in a revised version of the manual without notice. The appearance and colour of the appliance in this manual may differ from the actual one.



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

This appliance is labelled in compliance with European directive 2012/19/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, recovery 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.

Product Information for Domestic Electric Hobs Compliant to Commission Regulation (EU) No 66/2014				
	Position	Symbol	Value	Unit
Model identification				
Type of hob:			CI642C/E1	
Number of cooking zones and/or areas	zones		4	
	areas			
Heating technology (induction cooking zones and cooking areas, radiant cooking zones, solid plates)	Induction cooking zones		X	
	Induction cooking cooking areas			
	radiant cooking zones			
	solid plates			
For circular cooking zones or areas: diameter of useful surface area per electric heated cooking zone, rounded to the nearest 5mm	Rear left	Ø	21,0	cm
	Rear central	Ø		cm
	Rear right	Ø	18,0	cm
	Central left	Ø		cm
	Central central	Ø		cm
	Central right	Ø		cm
	Front left	Ø	16,0	cm
	Front central	Ø		cm
	Front right	Ø	18,0	cm
For non-circular cooking zones or areas: length and width of useful surface area per electric heated cooking zone or area, rounded to the nearest 5mm	Rear left	L W		cm
	Rear central	L W		cm
	Rear right	L W		cm
	Central left	L W		cm
	Central central	L W		cm
	Central right	L W		cm
	Front left	L W		cm
	Front central	L W		cm
	Front right	L W		cm
Energy consumption for cooking zone or area calculated per kg	Rear left	E _{Electric cooking}	182,0	Wh/kg
	Rear central	E _{Electric cooking}		Wh/kg
	Rear right	E _{Electric cooking}	186,3	Wh/kg
	Central left	E _{Electric cooking}		Wh/kg
	Central central	E _{Electric cooking}		Wh/kg
	Central right	E _{Electric cooking}		Wh/kg
	Front left	E _{Electric cooking}	196,3	Wh/kg
	Front central	E _{Electric cooking}		Wh/kg
	Front right	E _{Electric cooking}	187,6	Wh/kg
Energy consumption for the hob calculated per kg		E _{Electric hob}	188,1	Wh/kg
Standard applied : EN 60350-2 Household electric cooking appliances - Part 2: Hobs - Methods for measuring performance				
<p>Suggestions for Energy Saving:</p> <ul style="list-style-type: none"> • To obtain the best efficiency of your hob, please place the pan in the centre of the cooking zone. • Using a lid will reduce cooking times and save energy by retaining the heat. • Minimise 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. • Use pans whose diameter is as large as the graphic of the zone selected. 				
These information are to be considered as part of the appliance user manual.				