



Induction Hob User Manual

Model: FIH3210

1. Foreword

1. This appliance is for household use only. Do not use outdoors.
2. 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.
3. 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.
4. Children should be supervised to ensure that they do not play with the appliance.
5. This appliance is intended to be used in household and similar applications such as:
 - Staff kitchen areas in shops, office and other working environments;
 - farm houses;
 - by clients in hotels, motels and other residential type environments;
 - In bed and breakfast type environments;
6. 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.
7. Please turn off and unplug the appliance before cleaning, maintenance or relocation and whenever it is not in use.

8. This appliance as well as the cooking utensils used and the surface of the appliance can become very hot, do not touch the hot surface of the hob.
9. Metallic objects such as knives, forks, spoons and lids should not be placed on the hotplate since they can get hot.
10. That appliances are not intended to be operated by means of an external timer or separate remote-control system.
11. A steam cleaner is not to be used.
12. 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.
13. After use, switch off the hob element by its control and do not rely on the pan detector.
14. Disconnection incorporated in the fixed wiring is in accordance with ASNZS 300. (Australian requirements)
15. CAUTION: The cooking process has to be supervised. A short term cooking process has to be supervised continuously.
 - ⚠ WARNING: If the surface is cracked, switch off the appliance to avoid the possibility of electric shock.
 - ⚠ WARNING: Danger of fire: do not store items on the cooking surfaces.
 - ⚠ WARNING: Unattended cooking on a hob with fat or oil can be dangerous and may result in fire.
 - ⚠ 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.

2. Care and Cleaning

What?	How?	Important!
<p>Everyday soiling on glass (fingerprints, marks, stains left by food or non-sugary spillovers on the glass)</p>	<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.
<p>Boilovers, melts, and hot sugary spills on the glass</p>	<p>Remove these immediately with a fish slice, palette knife or razor blade scraper suitable for Induction glass cooktops, 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.
<p>Spillovers on the touch controls</p>	<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.

3. Hints and Tips

Problem	Possible causes	What to do
The induction hob cannot be turned on.	No power.	Make sure the induction 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 induction 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.
The induction hob makes a low humming noise when used on a high heat setting.	This is caused by the technology of induction cooking.	This is normal, but the noise should quieten down or disappear completely when you decrease the heat setting.
Fan noise coming from the induction hob.	A cooling fan built into your induction hob has come on to prevent the electronics from overheating. It may continue to run even after you've turned the induction hob off.	This is normal and needs no action. Do not switch the power to the induction hob off at the wall while the fan is running.

Pans do not become hot and appears in the display.	The induction hob cannot detect the pan because it is not suitable for induction cooking.	Use cookware suitable for induction cooking. See section 'Choosing the right cookware'.
	The induction hob cannot detect the pan because it is too small for the cooking zone or not properly centred on it.	Centre the pan and make sure that its base matches the size of the cooking zone.
The induction 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 induction hob off at the wall, and contact a qualified technician.

4. 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

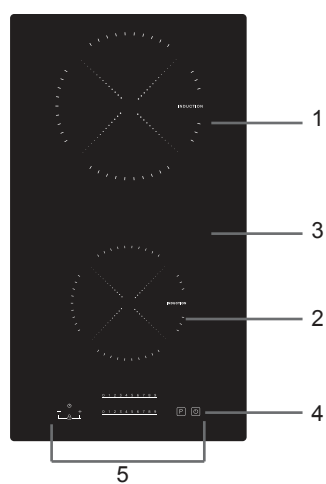
Failure code	Problem	Solution
Auto-Recovery		
E1	Supply voltage is above the rated voltage.	Please inspect whether power supply is normal.
E2	Supply voltage is below the rated voltage.	Power on after the power supply is normal.
E3	High temperature of ceramic plate sensor . (1#)	Wait for the temperature of ceramic plate return to normal.
E4	High temperature of ceramic plate sensor . (2#)	Touch "ON/OFF" button to restart unit.
E5	High temperature of IGBT . (1#)	Wait for the temperature of IGBT return to normal.
E6	High temperature of IGBT. (2#)	Touch "ON/OFF" button to restart unit. Check whether the fan runs smoothly; if not , replace the fan.

No Auto-Recovery		
F3/F6	Ceramic plate temperature sensor failure- -short circuit. (F3 for 1#,F6 for2#)	Check the connection or replace the ceramic plate temperature sensor.
F4/F7	Ceramic plate temperature sensor failure--open circuit. (F4 for 1#,F7 for2#)	
F5/F8	Ceramic plate temperature sensor failure—invalid . (F5 for 1#,F8 for2#)	Replace the power board.
F9/FA	Temperature sensor of the IGBT failure. (short circuit/open circuit for 1#)	
FC /FD	Temperature sensor of the IGBT failure. (short circuit/open circuit for 2#)	

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.

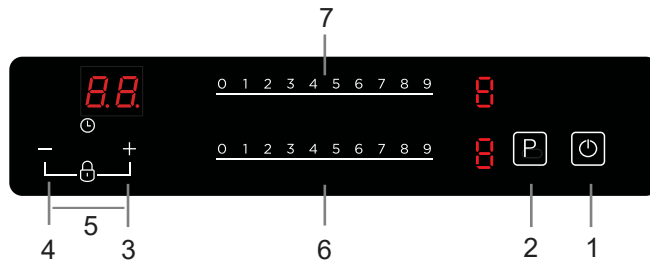
5. Product Introduction

5.1 Top View



- 1. Max. 1500W/2000W zone
- 2. Max. 1200W/1500W zone
- 3. Glass plate
- 4. ON/OFF control
- 5. Control panel

5.2 Control Panel



1. ON/OFF control
2. Boost control
3. Timer plus regulating control
4. Timer minus regulating control
5. Lock control
6. Power slider control
7. Power slider control

5.3 Technical Specification

Cooking Hob	FIH3210
Cooking Zones	2 Zones
Supply Voltage	220-240V~ 50/60Hz
Installed Electric Power	3500W
Product Size L×W×H(mm)	288X520X56
Building-in Dimensions A×B (mm)	268X500

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

6. Operation of Product


6.1 Touch Controls

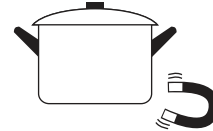
- The controls respond to touch, so you don't need to apply any pressure.
- Use the ball of your finger, not its tip.
- You will hear a beep each time a touch is registered.
- Make sure the controls are always clean, dry, and that there is no object (e.g. a utensil or a cloth) covering them. Even a thin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



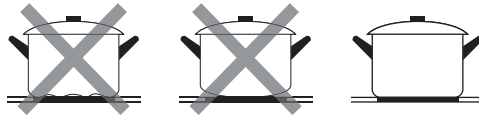
6.2 Choosing the right Cookware



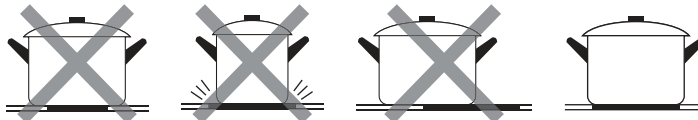
- Only use cookware with a base suitable for induction cooking.
- Look for the induction symbol on the packaging or on the bottom of the pan.
- You can check whether your cookware is suitable by carrying out a magnet test. Move a magnet towards the base of the pan. If it is attracted, the pan is suitable 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.



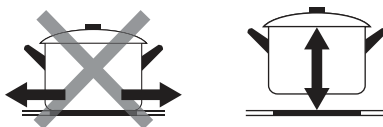
Do not use cookware with jagged edges or a curved base.



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.


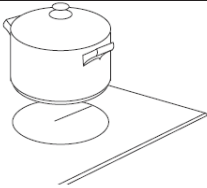
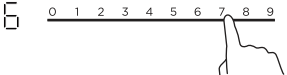
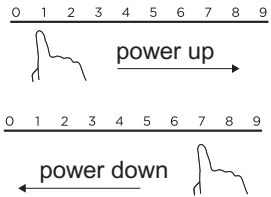


Always lift pans off the Induction hob – do not slide, or they may scratch the glass.



6.3 How to use

6.3.1 Start cooking


<p>Touch the ON/OFF control. After power on, the buzzer beeps once, all displays show “-” or “- -”, indicating that the induction hob has entered the state of standby mode.</p>	
<p>Place a suitable pan on the cooking zone that you wish to use.</p> <ul style="list-style-type: none"> • Make sure the bottom of the pan and the surface of the cooking zone are clean and dry. 	
<p>Touching the heating zone slider control, and a indicator next to the key will flash.</p>	
<p>Select a heat setting by touching the slider control</p> <ul style="list-style-type: none"> • 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

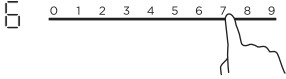
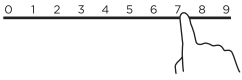

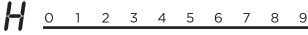
This means that:

- 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.

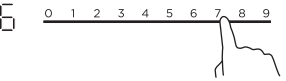
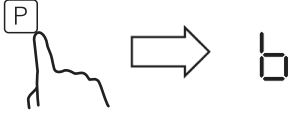
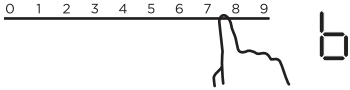
No heating takes place unless there is a suitable pan on the cooking zone.



The display “” will automatically disappear after 1 minutes if no suitable pan is placed on it.

6.3.2 Finish cooking

<p>Touching the heating zone selection control that you wish to switch off.</p>	
<p>Turn the cooking zone off by touching the slider to left. Make sure the display shows "0".</p>	
<p>Turn the whole cooktop off by touching the ON/OFF control.</p>	
<p>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.</p>	

6.3.3 Using the Boost function





<p align="center">Activate the boost function</p>	
<p>Touching the heating zone selection control</p>	
<p>Touching the boost control P, the zone indicator show "b" and the power reach Max.</p>	
<p align="center">Cancel the Boost function</p>	
<p>Touching the heating zone selection control that you wish to cancel the boost function</p>	




<p>Touching the "Boost" control  to cancel the Boost function, then the cooking zone will revert to its original setting.</p>	
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- The function can work in any cooking zone.
- The cooking zone returns to its original setting after 10 minutes.
- If the original heat setting equals 0, it will return to 9 after 10 minutes.

6.3.4 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 and hold the Timer "  " and Timer "  " at the same time for a while.	The timer indicator will show " Lo "
To unlock the controls	
Touch and hold the Timer "  " and Timer "  " at the same time for a while.	

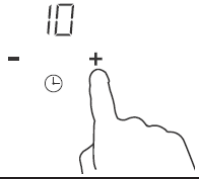
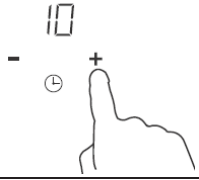
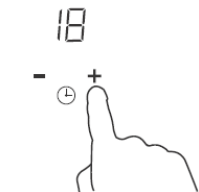
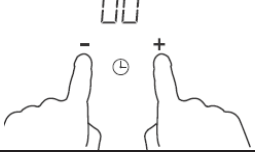
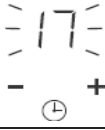

 When the hob is in the lock mode, all the controls are disable except the ON/OFF  , you can always turn the induction hob off with the ON/OFF  control in an emergency, but you shall unlock the hob first in the next operation.

6.3.5 Timer control

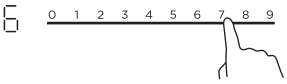

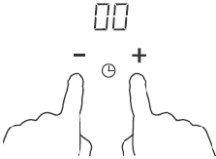


- You can use the timer in two different ways:
- You can use it as a minute minder. In this case, the timer will not turn any cooking zone off when the set time is up.
 - You can set it to turn one or more cooking zones off after the set time is up.
The timer of maximum is 99 min.

a) Using the Timer as a Minute Minder

If you are not selecting any cooking zone






<p>Make sure the cooktop is turned on. Note: you can use the minute minder even if you're not selecting any cooking zone.</p>	
<p>Touch "+" the controls of the timer. The minder indicator will start flashing and "10" will show in the timer display.</p>	
<p>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.</p>	
<p>Touching the "-" and "+" together, the timer is cancelled, and the "00" will show in the minute display.</p>	
<p>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.</p>	
<p>Buzzer will beep for 30 seconds and the timer indicator shows "--" when the setting time finished.</p>	

b) Setting the timer to turn one cooking zone off

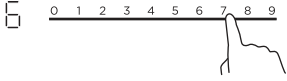
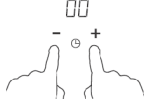
Set one zone	
Touching the heating zone slider control	
Set the time by touching the or control of the timer Hint: Touch the "-" or "+" control of the timer once will decrease or increase by 1 minute. Touch and hold the "-" or "+" control of the timer will decrease or increase by 10 minutes.	
Touching 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.

set more zones:	
<p>The steps for setting more zones are similar to the steps of setting one zone; When you set the time for several cooking zones simultaneously, decimal dots of the relevant cooking zones are on. The minute display shows the min. timer. The dot of the corresponding zone flashes.</p> <p>The shown as below:</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  0 1 2 3 4 5 6 7 8 9 (set to 15 minutes) </div> <div style="text-align: center;">  - 0 + </div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="text-align: center;">  0 1 2 3 4 5 6 7 8 9 (set to 45 minutes) </div> </div>	
<p>Once the countdown timer expires, the corresponding zone will switch off. Then it will show the new min. timer and the dot of corresponding zone will flash.</p> <p>The shown as right:</p>	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  0 1 2 3 4 5 6 7 8 9 </div> <div style="text-align: center;">  - 0 + </div> </div> <p>(set to 30 minutes)</p>
<p>Touch the heating zone selection control, the corresponding timer will be shown in the timer indicator.</p>	

c) Cancel the timer

<p>Touching the heating zone slider control that you want to cancel the timer</p>	
<p>Touching the "-" and "+" together, the timer is cancelled, and the "00" will show in the minute display.</p>	
<p>Touch the slider control to set the timer to "00", the timer is cancelled.</p>	

6.3.6 Default working times

Auto shut down is a safety protection function for your induction hob. It shut down automatically if ever you forget to turn off your cooking. The default working times for various power levels are shown in the below table:

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

When the pot is removed, the induction hob can stop heating immediately and the hob automatically switch off after 2 minutes.



People with a heart pace maker should consult with their doctor before using this unit.

7. 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 induction hob to find the settings that best suit you.

Heat setting	Suitability
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 • cooking rice
5 - 6	<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

8. Installation

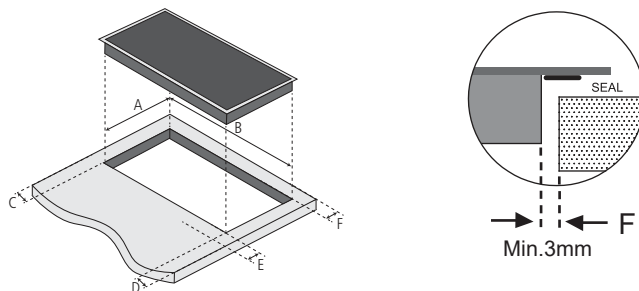
8.1 Selection of installation equipment

Cut out the work surface according to the sizes shown in the drawing. For the purpose of installation and use, a minimum of 50mm 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:




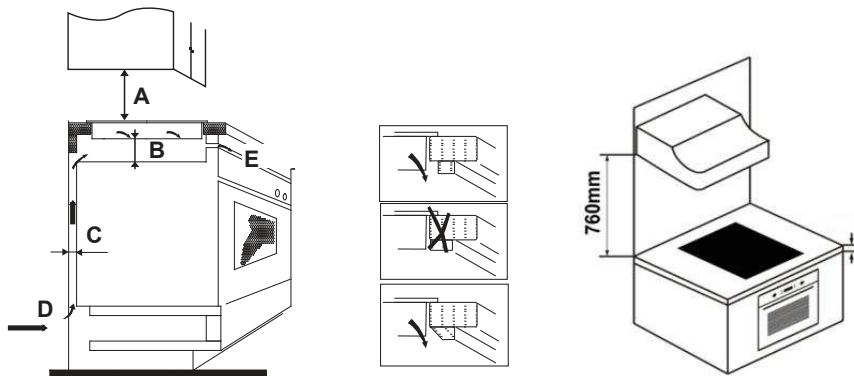
Note: The safety distance between the sides of the hob and the inner surfaces of the worktop should be at least 3mm.



A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G
268 ⁺⁴ ₋₀	500 ⁺⁴ ₋₀	50min.	50 min.	50 min.	50 min.	3mm min.

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

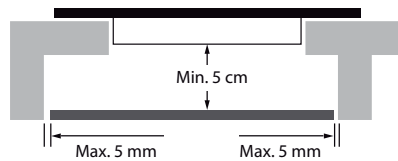
 Note: The safety distance between the hotplate and the cupboard above the hotplate should be at least 760mm.



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

WARNING: Ensuring Adequate Ventilation

Make sure the induction cooker 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 unexpected 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.



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

8.2 Before installing the hob, 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 and insulated material.
- If the hob 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 hob 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 hob.

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

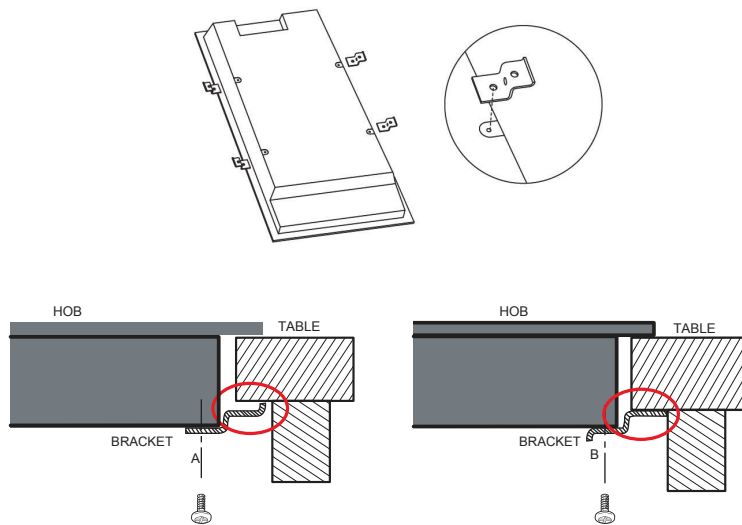
8.4 Before locating the fixing brackets

The unit should be placed on a stable, smooth surface (use the packaging). Do not apply force onto the controls protruding from the hob.

8.5 Adjusting the bracket position

Fix the hob on the work surface by screw 4 brackets on the bottom of hob(see picture) after installation.

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).

8.6 Cautions

1. The induction hotplate must be installed by qualified personnel or technicians. We have professionals at your service. Please never conduct the operation by yourself.
2. The hob will not be installed directly above a dishwasher, fridge, freezer, washing machine or clothes dryer, as the humidity may damage the hob electronics
3. The induction hotplate 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.
6. A steam cleaner is not to be used.

8.7 Connecting the hob to the mains power supply



This hob 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:

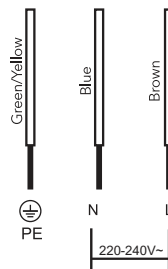
1. The domestic wiring system is suitable for the power drawn by the hob.
 2. The voltage corresponds to the value given in the rating plate
 3. The power supply cable sections can withstand the load specified on the rating plate.
- To connect the hob to the mains power supply, do not use adapters, reducers, 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. 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 the 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.
- The yellow/green wire of the power supply cable must be connected to the earth of both power supply and appliance terminals.
- The manufacturer cannot be held responsible for any accidents resulting from the use of an appliance which is not connected to earth, or with faulty earth connection continuity.
- If the appliance has a socket outlet, it must be installed so that the socket outlet is accessible.



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



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 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.

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.



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