

# Glass-Ceramic electric cooking plate

Model: 31150012, 31150018

## User & Installation Instructions

Dear Consumer,

Thank you for your purchase of our products. To ensure you use the appliance in the best effect. Please read this instruction manual with care before the using, and please save it for later learning.

The 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. The manufacturer declines all responsibility for damage to persons or things caused by non-observance of the above prescriptions or by interference with any part of the appliance or by the use of non-original spares.

Children should be supervised to ensure that they do not play with the appliance.

**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.

If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

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2. SAFETY INSTRUCTIONS
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**INSTRUCTIONS FOR THE USER:** these contain user advice, description of the commands and the correct procedures for cleaning and maintenance of the appliance.

**INSTRUCTION FOR THE INSTALLER:** these are intended for the qualified technician who must install the appliance, set it functioning and carry out an inspection test.

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 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.

During use the appliance becomes hot. Care should be taken to avoid touching heating elements inside the oven.

**WARNING:** Accessible parts may become hot during use. Young children should be kept away. Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.

A steam cleaner is not to be used.

**WARNING:** Ensure that the appliance is switched off before replacing the lamp to avoid the possibility of electric shock.

This 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.

Means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.

Means for disconnection incorporated in the fixed wiring is in accordance with AS/NZS 3000.

## **1. INSTRUCTIONS FOR PROPER USE**

Electrical connection: please refer to installation instructions for the gas & electrical safety regulations and the ventilation requirements.

In your own interest, and that of safety, it is the law that all gas and electrical appliances be installed and serviced by competent persons, who will comply with the relevant standards and regulations.

Smeg Registered installers undertake to work to satisfactory standards.

Disconnection of gas and electric appliances should always be carried out by competent persons.

This manual is an integral part of the appliance and therefore must be kept in its entirety and in an accessible place for the whole working life of the hob, we advise reading this manual and all the accordance with the regulations in force. This appliance is intended for domestic uses and conforms to current regulations in force. The appliance has been built to carry out the following functions. Cooking and heating-up-of food. All other uses are considered improper.

The manufacturer declines all responsibility for improper use.  
Never use this appliance for heating rooms.

Do not leave the packing in the home environment. Separate the various waste materials and take them to the nearest special garbage collection center.

This appliance is marked according to the European directive 2002/96/EC on waste electrical and electronic equipment (WEEE).

This guideline is the frame of a European-wide validity of return and recycling on waste electrical and electronic equipment.

The identification plate, with technical data, serial number and marking is clearly visible under the casing.

**THE PLATE ON THE CASING MUST NOT BE REMOVED.**

Take care not to spill sugar or sweet mixtures on to the hob when hot. Never place materials or substances which may melt.

(Plastic or aluminum foil) on the hob. In the event, promptly switch off and remove the molten material with the scraper provided while the cooking zone is still warm to prevent it from being damaged. Failure to instantly clean the ceramic hob could lead to encrustations which are impossible to remove once the hob has cooled down.

The manufacturer declines all responsibility for damage to persons or things caused by non-observance of the above prescriptions or by interference with any part of the appliance or by the use of non-original spares.

**WARNING:** If the surface is crack, switch off the appliance to avoid the possibility of electric shock. During cleaning for the appliance, please do not use steam cleaner.

## **2. SAFETY INSTRUCTINS**

Instructions for the installer: these are intended for the qualified technician who must install the appliance, set it functioning and carry out an inspection test.

It is obligatory for the electrical system to be grounded according to the methods required by safety rules.

The appliance without plug. When linking up to mains by plug and socket, make sure that both are compatible

and connect by means of a power cable complying with applicable regulations. The socket must be accessible after the appliance has been built in.

Never unplug by pulling on the cable.

Always check that the controls are in the position 0 (OFF) when you finish using the hob.

During use the appliance becomes very hot. Take care not to touch the surface of the hob.

The appliance is intended for use by adults. Keep children at a safe distance and never allow them to play with it.

The appliance becomes very hot during use suitable heat proof gloves should be worn for all operations.

Before the appliance is put into operation. All the labels and protective films applied inside or outside must be removed.

Immediately after installation carry out a brief inspection test of the appliance, following the instructions below. Should the appliance not function, disconnect it from the power supply and call the nearest technical assistance center.

Never attempt to repair the appliance, all repairs must be carried out by an authorized engineer or at an authorized service center.

### **Important.**

Beware of children in the vicinity as the warning lights indicating residual heat are out of sight to them. In fact, even after having been turned off, the cooking zone remains hot for a certain period of time.

Make sure that children never touch the hob.

### **3. KNOW YOUR HOB**

All the C-serial hobs are designed in good quality according to the fashion models by modern technology. They are all supposed to spare the long good time together with you, and they will satisfy your life completely.

Now, we are paying the most attention on the consumers' demand and interesting. Purchasing our products means that you have chosen the good and well electrical appliance. So that you will simplify your housework, beautify your daily life. The interesting and the attention you show is the power we are improving these products continually. For your advantage, we will work hard forever to make the products be the pronoun of quality, economic, substantial and good performance. For this reason too, we tie up with our consumers and communicate with them. Please read and action follow this manual with care:

1. Please read the instruction manual before using;
2. Don't remove the permanent label on the product, otherwise, it will cause the Assurance to be invalidated.
3. Please carry out national law and local law when using this appliance.
4. The appliance must be well-grounded.

### **4. BEFORE FIRST USE**

Do not leave the packing in the home environment. Separate the various waste materials and take them to the nearest special garbage collection center.

Before cooking for the first time the hob has to be cleaned.

Following this, put a saucepan of water on the front hotplates and turn them full on for at least 30minutes. After 30 minutes turn off the front hotplates and turn the rear hotplates and the central hotplate, if present, full on.

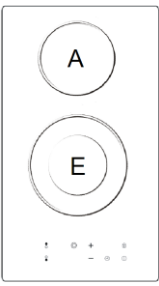
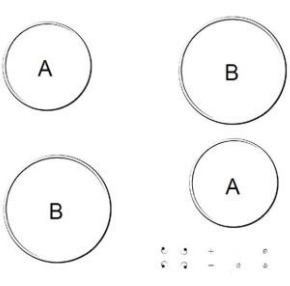
This treatment is necessary in order to get rid of the “new smell” and to evaporate the humidity that may have collected during the manufacturing process. That is, it must be done so that the electronic circuits and the control buttons work properly.

If the controls do not work properly , after 30 minutes, it means that not all the humidity has evaporated: leave the hotplates on until all the humidity has evaporated and then turn off the hob.

Remove all the removable labels and any protective sheeting.

To switch on the hob, follow the instructions provide in point “7”.









**5. COOKING ZONES**

	
31150012	31150018

- A. Single cooking zone 1200W
- B. Single cooking zone 1800W
- C. Dual oval cooking zone 1100\2000W
- D. Dual round cooking zone 1000\2200W
- E. Dual round cooking zone 700\1700W
- F. Dual oval cooking zone 1100\2200W
- G. Dual round cooking zone 1200\2400W

**6. DESCRIPTION OF CONTROL ON THE FRONT CONTROL PANEL**

All the hob controls are grouped together on the front panel. The table below provides a description of the symbols used.

	Hob ignition		Rear right-hand cooking zone
	Lock key		Front right-hand cooking zone
	Value increase button		Front left-hand cooking zone
	Value decrease button		Rear left-hand cooking zone



Time setting button



Dual cooking zone

## 7. USE OF THE COOKING HOB

### 1. Preparation

Please ensure the hob switch or sensor switch is off, than connected to the mains. Using the solid pan with flat bottom, it should satisfy to the request of the standard DIN44094. These diameters for professional pan have been suitable to the electrical hob.

Pan diameter mm	165	200	200	165×270
Hob diameter mm	140	175	175	140×250

### 2. Single cooking zones

Turning the knob by 36-324 degree by clockwise (steeples control), now the hob is working, radiate hob will get hot and red in 3 seconds, and the power lamp lights. When the knob is at the maximum out-put frequency position of 324 degree, the hob reach the maximum out-put frequency (long time loads, shot time interval); out-put frequency gets lower when turning anticlockwise (short time loads, long time interval).

You can switch off the hob in both directions. The residual heat warning lamp lights when the temperature of the ceramic glass surface higher than 70 degrees centigrade, it will put out while the temperature lower than 70 degree centigrade.

### 7.1 Hobs with touch-control buttons

When an icon is pressed the unit beeps to confirm.

To operate the panel of the hobs equipped with touch-controls, lightly press the icons printed on its surface.



On first connection to the electrical mains, an operating check will be carried out automatically and all the indicator lights will come on for a few seconds.

#### 7.1.1 Switching on the hob

When the hob is not in use, all hob components will be switched off. Hold down switch key for 2 seconds to switch the hob on; a led will turn on above the symbol to confirm that the hob is lit. If no functions are used within 10 seconds of switching the hob on, it will automatically turn itself off.



#### 7.1.2 Single cooking zones




The associated cooking zone is indicated close to each control zone. For example, there is a symbol identifies the knob that controls the rear right-hand cooking zone.

After turning on the hob as described in paragraph “7.2.1 Turning on the Hob”, press the keys “” and “” to activate the cooking zone (display indicating 0) and adjust the power at which it should operate.

The power settings range from a minimum of 1 to a maximum of 9.


You must adjust the power within 10 seconds from when the cooking zone is activated, otherwise it will automatically deactivate.

Press the symbol “” and “” buttons in the following way to activate the cooking zone and adjust its power:

1. Press the symbol “”, by continuing to press “”, you can adjust the power of the cooking zone up to the maximum value of 9;
2. If you instead press the symbol “”, you adjust the power of the cooking zone down to the minimum value of 1.

### 7.1.3 Cooking zone lock-out


The cooking zone lock-out function is a user safety functions. It locks out the hob controls to prevent the ceramic cooking zones being switched on accidentally.


Hold down lock key  for 1 second to lock out the hob. The hob can be reactivated by holding down lock key again for 1 second.



### 7.1.4 Timer (HBE0753DK and HBE821)

Model HBE0753DK is equipped with a 1 to 99-minute cooking timer.

To use the timed cooking, first set the power level of each cooking zone by following the instructions given in paragraphs “7.2.2 Single Cooking Zones”.

Now, with the hob NOT locked out ( if it is locked out, press the “” key to enable the functions); press

the time symbol. 

Between the symbols “” and “” of the first active cooking zone, a LED light will turn on to indicate that the minutes to be set will refer to operation of that particular zone.



The automatic operation minutes of the cooking zone can be increased or decreased by using the

“” and “” keys beside.



5 seconds after the last time it is touched, the timer will start and the cooking zone will operate until the display above the time symbol reaches 0.

At this point the cooking zone will automatically turn off.

It is also possible to use the timed cooking function on more than cooking zone at the same time. Once the timer is set on the first zone, press time key to shift the timer controls over to the next active zone (the

LED light between the symbols “” and “” of the second active cooking zone will be activated) and then set the cooking duration as previously described.

When the timed cooking is active on several cooking zones at the same time, the display between the

symbols “” and “” of the cooking zone will alternatively turn on and at the same time the minutes display found on the time symbol will show the time remaining for the zone with the LED light on.

### 7.1.5 Modifying the data set



During timed cooking, each single touch on the “” and “” symbols increase or reduces the

power of the cooking zone.







To change the remaining time of a zone, you have to press time key until the LED light in the cooking zone turns on. Now it will be possible to change the operating time by working with the symbols “+” and “—” of the timer.

### 7.1.6 Residual heat


Each cooking zone is equipped with a residual heat warning device. After any zone is switched off, a flashing

 may appear on the display. This warns that the cooking zone concerned is still very hot. Cooking can be restarted while the  is flashing; proceed as described in points “7.1.2”

### 7.1.7 Control circuit board thermal protection


If the cooking zones cause overheating of the internal electronic circuit board, the heat will be switched off automatically. This switches off power to the front zones, and the  and  flash alternately on the power LEDs. If the circuit board does not cool down, power to all the cooking zones is switched off, and the power les display     , Cooking can be resumed once the temperature has dropped below the safety threshold.

### 7.1.8 Operator Error


If the user makes a mistake when using the touch-control buttons,  appears on the power display, it will remain there as long as the user continues to press the button being used incorrectly.


### 7.1.9 Switching off the cooking zones

The cooking zones are switched off when the operational power display indicated 0. The zone will automatically deactivate 5 seconds after the display shows 0.

If the cooking zones are hot the blinking residual heat  will appear after they are switched off.


### 7.1.10 Switching off

To switch the hob off, hold down switch key  for 1 second; this deactivates all cooking zones even if they are in use or the lock-out function is active, and the hob will turn off completely.

If the cooking zones have just been use  will start flashing a few seconds after the hob is turned off to warn that they are still hot.

### 7.1.11 Dual cooking zones

To activate heating of the dual cooking zone, once power 9 is reached by following the instructions

provided in paragraph “7.2.2 Single cooking zones”, press on the symbols  . Now the maximum power of the cooking zone is activated, and is shown by the LED light turning on next to the number indicating the

operating power. Press on the symbols “+” and “—” to adjust the power of the dual cooking zone to the desired value.

## 7.2 Cooking tips

For best results and energy saving, only use pans suitable for electric cooking:



- The bottom of the pan must be very thick and perfectly flat;
- To avoid scratching of the cooking hob, never use cast-iron pans or pans with a rough bottom.
- To avoid waste of energy, make sure that the diameter of the pan bottom is 25mm bigger than the circle marked on the hob.
- The table below shows the power values which can be set, with the relative type of food alongside. Setting may vary depending on the amount of food and personal taste.

NUMBER ON THE DISPLAY	TYPE OF FOOD
1	To melt butter, chocolate, and the like.
2-3	To heat food, keep small amounts of water on the boil, and whip up sauces with egg yolk or butter.
4-5	To heat solid or liquid food, keep small amounts of water on the boil, thaw deep-frozen food, cook omelettes of 2 or 3 eggs, fruit and vegetables, and the like.
6	To stew meat, fish and vegetables, simmer food, make jams, and so on.
7-8	To roast meat, fish, steaks, and liver; to sauté meat, fish, eggs and so on.
9	To deep-fry potatoes, etc and to quick-boil water

## 8. CLEANING AND MAINTENANCE

Before any intervention, disconnect the power supply of the device.

### 8.1 Cleaning the ceramic hob

The hob should be regularly cleaned; preferably after every use, once the residual heat warning lights have gone off.

Smudges from aluminum-bottom pans can be easily cleaned off with a cloth dampened in vinegar.

Remove any burnt residues after cooking with the scraper; rise with water and wipe dry with a clean cloth.

Regular use of the scraper considerably reduces the need for chemical detergents for the daily cleaning of the hob.

Never use abrasive or corrosive detergents (e.g. cleaning powders, oven sprays, spot-removers, wire sponges).

**NEVER USE A STEAM JET TO CLEAN THE APPLIANCE.**

## 9. SOMETHING WRONG

<b>PROBLEM</b>	<b>POSSIBLE CAUSES</b>	<b>WHAT TO DO</b>
The hob doesn't work	-The hob is not wired in or switch on at the wall. - There is a power failure	-Switch on at the wall -Check power supply
The results of cooking are unsatisfactory	-Temperature is too high or too low -Wrong shelf position -Wrong type of dish -Cooking time is incorrect	-Consult cooking tips
The hob smokes	-The hob is dirty -Food has spilled over	-Clean the hob once cooking is finished. Let it cool first. -Use a larger pan
The cooking zones do not come on during timed cooking	Timed cooking programming error	-Check the instructions for time.

## **10. INSTALLATION**

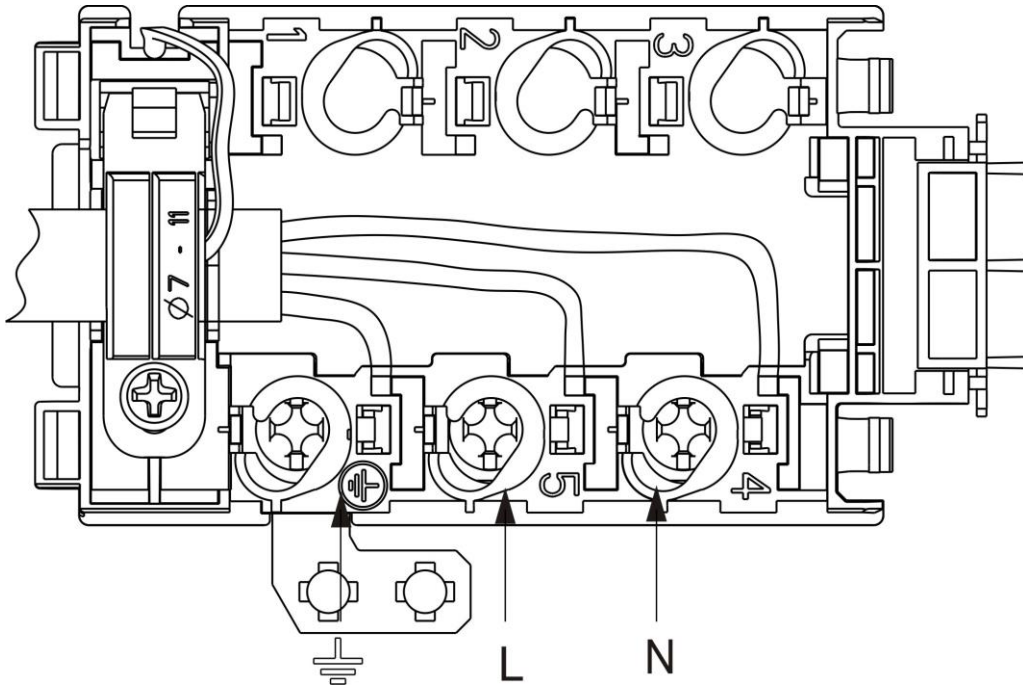
### **Before installation**

Installation and test must be carried out by professional technician. And the hob must be 150mm far away from the wall or anything else. To avoid interference of taking the households when cooking, in the place 300mm from the both sides of the hob must not be put any furniture or separate board. And the both sides of the hob should 300mm at least far away from the wall. The thickness of the table used to mounting the hob should be 30cm at least, and it should be heat resisting or be covered by a the heat resisting material.

### **Electrical connection**

It is obligatory for the electrical system to be grounded according to the methods required by safety rules. Before the appliance being connected with the mains, please do assemble one full polar breaker with over 3mm opened on the mains, and the rated current of the breaker is strongly recommended over 40A. Please offer the power wire, which is up to the mustard (3\*4 mm<sup>2</sup>), and let expert install it in accordance with the picture:

Please connect ground (yellow/green one) to the place of ground mark; L (brown one) to the place of five-foot plug; N (blue one) to the place of four-foot plug.



**NEVER UNPLUG BY PULLING ON THE CABLE.**

Immediately after installation carry out a brief inspection test of the hob, following the instructions. If the hob fails to operate, after checking that you have carried out the instructions correctly, disconnect the appliance from the electrical mains and contact your nearest service center.

**NEVER ATTEMPT TO REPAIR THE APPLIANCE.**

If a plug and socket connection is being used make sure that the plug and socket are compatible. Avoid use of adapters and shunts as these could cause overheating and risk of burns.

If a fixed connection is being used fit power line with an omnipolar circuit breaker with a contact opening gap equal to or greater than 3mm in an easily accessible position in proximity to the hob.

If the appliance you have purchased is not fitted with a mains power lead a power lead resistant to a temperature of at least 90°C must be used. Otherwise, the electrical safety of the appliance may be put at risk.

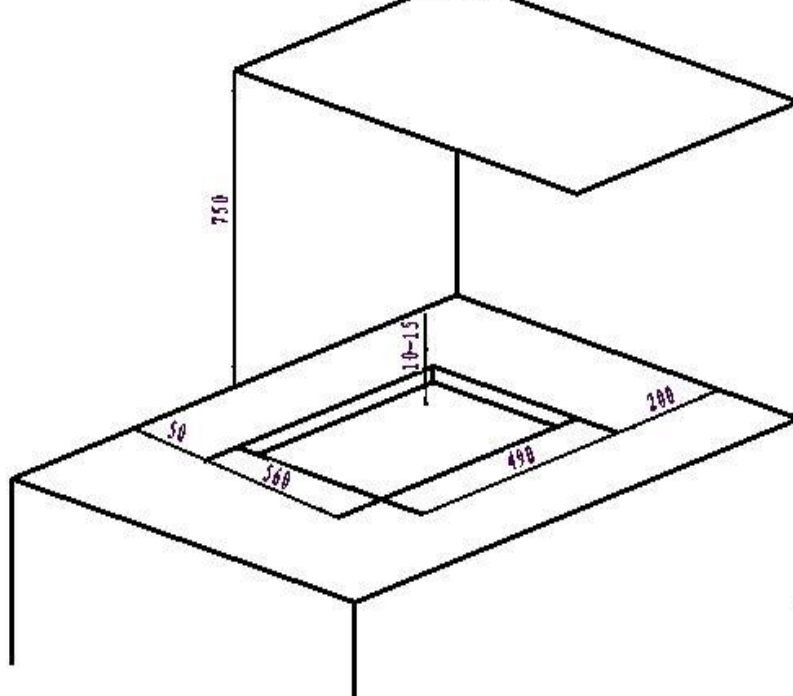
The manufacturer declines all responsibility for damage to persons or things caused by non-observance of the above prescriptions or by interference with any part of the appliance.

**Warning: close the cable clamp after making the electrical connection. Close the terminal board cover by twisting it down.**

**10.4 POSITIONING OF THE HOB**

The following operation requires building and/or carpentry work so must be carried out by a competent tradesman.

Installation can be carried out on various materials such as masonry, metal, solid wood or plastic laminated wood as long as they are heat resistant (T 90°C)



Create an opening with the dimensions shown in the paragraph 10.1 in the top surface of the counter, keeping a minimum distance of 50mm from the rear edge.

This appliance can be mounted against walls higher than the work surface on condition that a certain distance be kept between the appliance and the wall as shown in the figure so as to avoid damage from overheating.

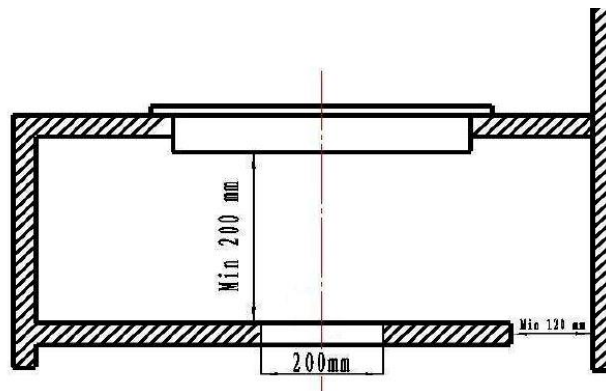
Make sure there is a minimum of 750mm between the hob and any shelf that may be installed directly above the hob.

### 10.5 Mounting

This appliance must not be built-in above a dishwasher.

The mention of installing the electrical cooker: adopt the marble to insert the space between the electrical cooker lower board and the upper board of oven whose height is 200mm.

Pass the power supply cable through the back of the unit, taking care that it does not touch the bottom casing of the hob or the oven (if any ) installed underneath it.




**IMPORTANT:** when installing the appliance above a cupboard, a dividing shelf, as shown above, must be installed.

If installed above an under-bench oven, this is not required.

Installation of an oven without cooking fan underneath the hob is forbidden.

The diagrams illustrate the cutting sizes and additional shaping required for the installation hole if you decide to install the hob flush with the work-top surface. The work-top hole and shaping dimensions are purely guideline; it is essential to refer to your actual ceramic hob before making any cuts.

Correct Disposal of this product	
	<p>This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.</p>