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We advise you to read this manual carefully, which contains all the instructions for maintaining the appliance's aesthetic and functional qualities. For further information on the product: www.smeg.com

PRECAUTIONS

General safety instructions

Risk of personal injury

- During use the appliance and its accessible parts become very hot. Keep children well away from the appliance.
- Protect hands with heat resistant gloves during use.
- Never try to put out a fire or flames with water: Turn off the appliance and smother the flames with a fire blanket or other appropriate cover.
- This appliance may only be used by children aged 8 years and over, and by people of reduced physical, sensory or mental capacity, or lacking in experience in the use of electrical appliances, provided that they are supervised or have been given instructions on the safe use of the appliance and of the hazards associated with it.
- Children must not play with the appliance.
- Keep children under the age of eight at a safe distance unless they are constantly supervised.
- Keep children under the age of 8 away from the appliance when it is in use.
- Cleaning and maintenance must not be carried out by unsupervised children.
- Be aware of how rapidly the cooking zones heat up. Do not place empty pans on the heat. Danger of overheating.
- Activate the controls lock when

you have children or pets which could reach the hob.

- Do not touch or clean the hob surface during operation or when the residual heat indicator lights are still on.
- After use, switch off the plates. Never rely solely on the cookware detector.
- Supervise children carefully as they cannot readily see the residual heat indication. After use the cooking zones remain hot for a certain period of time even if they have been turned off. Keep children away from the cooking zones.
- The cooking process must always be kept under control. A short cooking process must be continuously monitored.
- **WARNING:** Cooking foods containing fat and/or oil without monitoring them can be dangerous and can cause a fire.
- Fats and oils can catch fire if they overheat. Do not leave the appliance unattended while preparing foods containing oils or fats. If fats or oils catch fire, never put water on them. Place the lid on the pan and turn off the relevant cooking zone.
- Do not use the Booster and/or the Double Booster functions (if present) to heat fats or oils. Fire hazard.
- Do not place metal objects,

such as dishes or cutlery, on the surface of the hob during cooking as they may overheat.

- Do not cook foods in closed tins or containers or plastic containers.
- Do not use magnetic tins.
- Do not use trivets or other items between the bottom of the pan and the glass ceramic surface. Danger of burns.
- Do not insert pointed metal objects (cutlery or utensils) into the slots in the appliance.
- Do not use or store flammable materials near the appliance or directly underneath the hob.
- Switch off the appliance immediately after use.
- Do not pull the cable to unplug the appliance (if present).
- **DO NOT USE AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILST IT IS IN USE.**
- **DO NOT MODIFY THIS APPLIANCE.**
- Always wear personal protective equipment (PPE) before carrying out any work on the appliance (installation, maintenance, positioning or moving).
- Do not clean the appliance if it is still hot or in operation.
- After use the cooking zones remain hot for a certain period of time after they have been turned off. Do not touch the hob

surfaces.

- Before performing any work on the appliance, switch off the power supply.
- Do not try to repair the appliance yourself or without the assistance of a qualified technician.
- If the power cable becomes damaged, contact technical support immediately to arrange for it to be replaced in order to avoid possible hazards.
- If cracks or fissures form, or if the glass ceramic cooking surface breaks, turn off the appliance immediately. Disconnect the power supply and call Technical Support.
- People who have pacemakers or other similar devices fitted must make sure that the operation of these devices is not affected by the induction field, the frequency range of which is between 20 and 50 kHz.
- In conformity with the provisions regarding electromagnetic compatibility, the electromagnetic induction cooking hob comes under group 2 and class B (EN 55011).

Risk of damaging the appliance

- Do not use abrasive or corrosive detergents (e.g. scouring powders, stain

removers and metallic sponges) on glass parts.

- Use wooden or plastic utensils.
- Do not sit on the appliance.
- Do not use the glass ceramic cooking surface as a support surface.
- Do not use the appliance as a support surface.
- Do not obstruct ventilation openings and heat dispersal slots.
- Do not use the hob if the pyrolytic cycle is taking place inside any oven installed below.
- Do not use steam jets to clean the appliance.
- Never leave the appliance unattended during cooking operations where fats or oils could be released, as these could then heat up and catch fire. Be very careful.
- Fire hazard: Never leave objects on the cooking surfaces.
- **DO NOT FOR ANY REASON USE THE APPLIANCE AS A SPACE HEATER.**
- Cooking vessels or griddle plates should be placed inside the perimeter of the hob.
- All pans must have smooth, flat bottoms.
- If any liquid does boil over or spill, remove the excess from the hob.
- Take care not to spill acid

substances such as lemon juice or vinegar on the hob.

- Do not spill sugar or sweet mixtures on the hob during cooking.
- Do not place materials or substances that could melt or catch fire (paper, plastic or aluminium foil) on the appliance while it is in use.
- Place the cookware directly on the glass ceramic surface.
- Do not put empty pans or frying pans on switched on cooking zones.
- Do not use rough or abrasive materials or sharp metal scrapers.
- The glass ceramic surface is highly resistant to impact. However, prevent hard, solid objects from falling on the cooking surface as they may cause it to break.
- Do not use cleaning products containing chlorine, ammonia or bleach on parts made of steel or that have metallic surface finishes (e.g. anodizing, nickel- or chromium-plating).
- This appliance is not intended to be operated by means of external timer or separate remote control system.

Installation

- **THIS APPLIANCE MUST NOT BE INSTALLED IN BOATS OR CARAVANS.**
- This appliance must not be

installed on a dishwasher.

- Position the appliance into the cabinet cut-out with the help of a second person.
- Check that the carcass has the required openings.
- Check that the carcass material is heat resistant.
- Installation and servicing should be carried out by qualified personnel in accordance with current standards.
- Have the electrical connection performed by authorised technical personnel.
- The appliance must be connected to earth in compliance with electrical system safety standards.
- Use cables that can withstand temperatures of at least 90°C.
- Run the power cable in the rear part of the unit. Make sure that it does not come into contact with the lower part of the hob or a built-in oven below it.
- Be careful when connecting additional electrical appliances. Connection cables must not come into contact with hot cooking zones.
- The tightening torque of the screws of the terminal supply wires must be 1.2 - 1.5 Nm.
- Do not attach the appliance too tightly to the unit as this could cause damage during use or partially obstruct the heat dispersal slots.

- The power cable must only be installed or replaced by a qualified technician.
- If the power cable becomes damaged, contact technical support immediately to arrange for it to be replaced in order to avoid possible hazards.
- Always use any necessary/required personal protective equipment (PPE) before performing any work on the appliance (installation, maintenance, positioning or movement).
- Before performing any work on the appliance, switch off the power supply.
- Allow the appliance to be disconnected after installation, via an accessible plug or a switch in the case of a fixed connection.
- Fit the power line with an all-pole circuit breaker with a contact separation distance sufficient to provide complete disconnection in category III overvoltage conditions, pursuant to installation regulations.
- If the electrical supply is restricted, means of all-pole disconnection must be accessible and incorporated in the fixed wiring in accordance with the wiring rules.
- This appliance can be used up to a maximum altitude of 2,000

metres above sea level.

Appliance purpose

This appliance is intended for cooking food in the home environment. Every other use is considered inappropriate. It cannot be used:

- in employee kitchens, shops, offices and other working environments.
- in farms/farmhouses.
- by guests in hotels, motels and residential environments.
- In bed and breakfast accommodation.

This user manual

- This user manual is an integral part of the appliance and must therefore be kept in its entirety and within the user's reach for the whole working life of the appliance.
- Read this user manual carefully before using the appliance.
- The explanations in this manual include images, which describe all that regularly appears on the display. However, it should be kept in mind that the appliance may be equipped with an updated version of the system, and as such, all that appears on the display may differ from those in the manual.

Manufacturer's liability

The manufacturer declines all liability for damage to persons or property caused by:

- use of the appliance other than that specified;
- failure to comply with the instructions in the user manual;
- tampering with any part of the appliance;
- use of non-original spare parts.

Identification plate

The identification plate bears the technical data, serial number and brand name of the appliance. Do not remove the identification plate for any reason.

Disposal



This appliance conforms to the WEEE European directive (2012/19/EU) and must be disposed of separately from other waste at the end of its service life.

The appliance does not contain substances in quantities sufficient to be considered hazardous to health and the environment, in accordance with current European directives.



Power voltage Danger of electrocution

- Disconnect the mains power supply.
- Unplug the appliance.

To dispose of the appliance:

- Cut the power cable and remove it.
- Deliver the appliance to the appropriate recycling centre for electrical and electronic equipment waste, or return it to the retailer when purchasing an equivalent product, on a one for one basis.

Our appliances are packaged in non-polluting and recyclable materials.

- Deliver the packing materials to the appropriate recycling centre.



Plastic packaging Danger of suffocation

- Do not leave the packaging or any part of it unattended.
- Do not let children play with the plastic bags.

To save energy

- The diameter of the base of the pan must not extend beyond the lines printed on the glass ceramic surface.
- Pans must not be placed outside the perimeter of the hob or on the display.
- When buying a pan, check whether the diameter indicated is that of the base or the top of the pan, as the top is almost always larger than the base.
- When preparing dishes with long cooking times, you can save time and energy by using a pressure cooker, which also helps to retain vitamins contained in the food.
- Make sure that the pressure cooker contains enough liquid as, if there is not enough and it overheats, this may cause damage to both

the pressure cooker and the cooking zone.

- If possible, always cover pans with a suitable lid.
- Choose a pan suitable for the quantity of food to be cooked. A large, half-empty saucepan leads to a waste of energy.



Under certain circumstances, if the hob and the oven are used at the same time, the maximum power limit of the electrical system might be exceeded.

How to read the user manual

This user manual uses the following reading conventions:



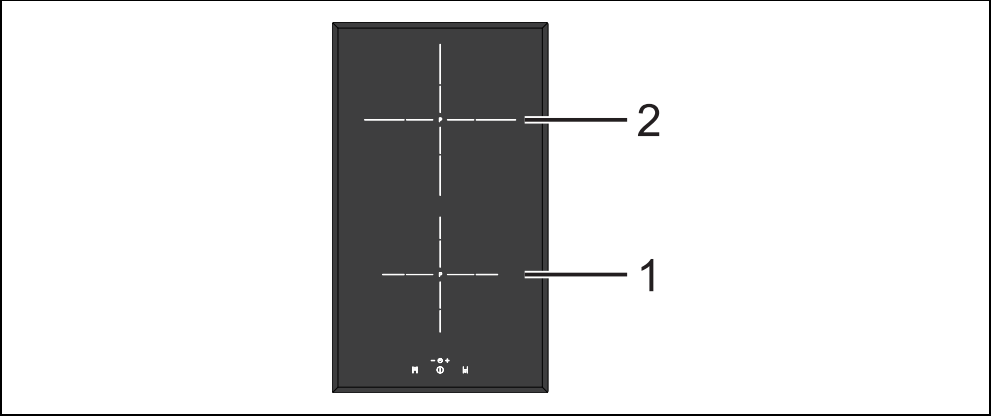
Warning/Caution



Information/Advice

DESCRIPTION

General description



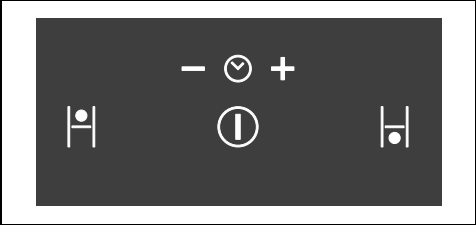
1 Front cooking zone

2 Rear cooking zone

Zone	Dimensions H x L (mm)	Pan Ø minimum (mm)	Pan Ø recommended (mm)	Max. power draw (W)*	Power draw in booster function (W) *
1	160 x 100	100	160	1300	1400
2	210 x 100	100	210	2300	3000

*Power levels are approximate and may vary according to the pan used or the settings made.

Control panel




 Rear zone

 Front zone

 ON/OFF button

 Timer Button

Advantages of induction cooking

 The appliance is equipped with an induction generator for each cooking zone. Each generator located under the glass ceramic cooking surface creates an electromagnetic field which induces a thermal current in the base of the pan. This means the heat is no longer transmitted from the hob to the pan but created directly inside the pan by the inductive current.

- Energy saving thanks to the direct transmission of energy to the pan (suitable magnetisable cookware is required) compared to traditional electric cooking.
- Improved safety as the energy is only transmitted to the pan placed on the hob.
- High level of energy transmitted from the induction cooking zone to the base of the pan.
- Rapid heating speed.
- Reduced danger of burns as the cooking surface is only heated under the base of the

pan; foods which overflow do not stick.

USE

Preliminary operations



See General safety instructions.

- Remove any protective film from the outside or inside of the appliance, including any accessories (if present).
- Remove any labels (apart from the technical data plate).

Cookware suitable for use in induction cooking

Cookware used on the induction cooking surface must be made of metal, with magnetic properties and a sufficiently large base.


Suitable cookware:

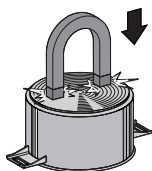
- Enamelled steel cookware with thick bases.
- Cast iron cookware with an enamelled base.
- Cookware in multilayer stainless steel, ferritic stainless steel and aluminium with a special base.

Unsuitable cookware:

- Copper, stainless steel, aluminium, fireproof glass, wood, ceramic and terracotta cookware.

Advice on energy-saving

To see whether the pan is suitable, bring a magnet close to the bottom: if it is attracted, the pan is suitable for induction cooking. If you do not have a magnet, you can put a small amount of water in the pan, place it on a cooking zone and start the hot plate. If the  symbol appears on the display, it means the pan is not suitable.





Basic functions

First power connection

When connected to the power supply for the first time, or after power has been switched

back on after a power failure, an automatic check is carried out that control turns on the indicator lights and the displays for a few seconds. Afterwards, the appliance can be used normally.




Switching on and off

Press the  button to turn the appliance on. To turn off the appliance, press the  button until three beeps sound.


Using the hob

Switching on the cooking zones


After switching on the display:


1. Select the cooking zone to be activated using the appropriate selection buttons (e.g.:  front zone).
2. Use the  and  buttons to select power levels from 1 to 9 or enable the Booster function.

Switching off the cooking zones


1. Select the cooking zone to deactivate.
2. Use the  button to reset the power level to 0 (zero).



- Hold the  button down for at least 2 seconds to switch off all cooking zones at the same time.

If a vessel not suitable for induction cooking is used on an active zone or there is no vessel, the zone will not deliver power and its display will show the  symbol alternating with the power level number.

Residual heat

If the cooking zone is still hot after being switched off, the  symbol will be displayed on the display.

Power level table

The power in the cooking zones can be adjusted to various levels. In the table below you will find instructions for the different types of

cooking.

Power level	Suitable for:
0	OFF setting
from 1 to 2	Cooking small amounts of food (minimum power)
from 3 to 4	Cooking
from 5 to 6	Cooking large quantities of food, roasting larger portions
from 7 to 8	Roasting, slow frying with flour
9	Roasting
P	Bring a large amount of water to the boil (maximum power, see "Booster function")

Power function



See General safety instructions.

The Power function allows you to heat a pan at maximum power for a limited amount of time. It can be used to bring a large amount of water to the boil rapidly.

After selecting a zone:

1. Press the button to bring the power to level 9.
2. Press the button again; the symbol will appear on the display.

Press the button to deactivate the function.



The Booster function remains active for a maximum of 10 minutes, after which the power level of the zone returns to 9.

Minute minder timer

This function is used to program the automatic switch-off of each cooking zone at the end of a period of time set by the user (from 1 to 99 minutes).

After activating the hob

1. Press the and buttons at the same time; the symbol will be displayed.
2. Use the and buttons to select the required time; press and hold to advance more quickly.
3. At the end of the previously set time, the hob will warn the user with a series of beeps. Press any button to stop the beep

To deactivate the minute minder timer during the

countdown, you have to use the button to set the time to zero; the symbol will appear and the timer will be deactivated.



Using the minute minder does not switch off the cooking zones but rather informs the user when the set minutes have run out.



The timer can be activated while the cooking zones are on or off.

Cooking zone automatic switch-off timer

This function is used to program the automatic switch-off of each cooking zone at the end of a period of time set by the user (from 1 to 99 minutes).

4. If the cooking zone has not been selected, press buttons and at the same time, the symbol will appear on the display.
5. Press buttons and again, the dot will light up to indicate that the zone is being timed.
6. Select the automatic switch-off time using the and buttons (press and hold the buttons to set the time more quickly), or select an additional zone using buttons and .
7. Press buttons and at the same time until a dot lights up under the display of the zone whose set time you wish to change. Once the relevant zone is selected, use buttons and to change the previously selected time.
8. At the end of the previously set time, the hob will deactivate the cooking zone and warn the user with a series of buzzers. Press any button to stop the beep.



If the timer is activated without an active cooking zone it behaves like an ordinary minute minder.

Controls lock

After activating the hob:

1. Press the and buttons together.
2. Press the button again after the confirmation buzzer.

The controls are now locked and the symbol

will appear on the display.

To unlock the controls:

1. Press the  and  buttons together.
2. Press the  button after the confirmation buzzer.



In case of a power failure the control lock will be deactivated.


Limiting the cooking duration



See General safety instructions.

The appliance has an automatic device that limits the duration of use.

If the cooking settings for a pan are not changed, the maximum operation time for each zone depends on the power level selected.

When the device for limiting the duration of use is activated the cooking zone turns off, a short sound is emitted and, if the zone is hot, the  symbol appears on the display.

Power level	Maximum cooking duration (hours)
1	8
2	8
3	6
4	6
5	5

Power level	Maximum cooking duration (hours)
6	5
7	3
8	2
9	1.5

Protection from overheating

If the hob is used on full power for a long period, the electronics will have trouble cooling down if the room temperature is high.

When certain safety thresholds are reached, on or more cooking zones are deactivated. If the internal temperature is very high, the appliance will be switched off automatically and "ER21" will be displayed (see "error codes")

Error notifications

If the appliance malfunctions or operates incorrectly, the code associated with the error appears on the displays of the cooking zones. Errors associated with overheating of the appliance or one of its parts can only be solved by allowing it to cool down and are coded as "C", "c" and "Fc".



Residual heat indicators are not to be considered as error codes.

If these errors persist or different errors appear, note down the code and contact Technical Support.

CLEANING AND MAINTENANCE

Cleaning the glass ceramic hob



See General safety instructions.

Cleaning the surfaces

To keep the surfaces in good condition, they should be cleaned regularly after use. Let them cool first.

Ordinary daily cleaning

Always and only use specific products that do not contain abrasives or chlorine-based acids. Pour the product onto a damp cloth and wipe the surface, rinse thoroughly and dry with a soft

cloth or a microfibre cloth.



In case of stubborn dirt, clean when cold using a damp kitchen sponge and neutral detergent; then dry with a microfibre cloth.

Weekly cleaning

Clean and maintain the hob once a week using an ordinary glass ceramic cleaning product. Always follow the manufacturer's instructions. The silicon in these products creates a protective, water-repellent membrane which also resists dirt. All marks stay on the membrane and can therefore be removed easily. After

cleaning, dry the surface with a clean cloth. Make sure that there is no detergent left on the cooking surface as it might undergo an aggressive reaction when heated up and could modify the structure of the cooking surface.

Food stains or residues

Light coloured marks from pans with aluminium bases can be easily cleaned off with a cloth moistened in vinegar. Remove any burnt-on residues after cooking; then rinse with water and dry thoroughly with a clean cloth. Dirt, which may have fallen on the hob while cleaning lettuce or potatoes, can scratch the hob when moving pans. Consequently, remove any dirt from the cooking surface immediately. Changes in colour do not affect the operation and stability of the glass. These are not alterations to the material of the hob but just residues which have not been removed and have then carbonised. Shiny surfaces can form due to the bases of pans, especially aluminium ones, rubbing on the surface, and due to the use of unsuitable detergents. They are difficult to remove using conventional cleaning products. It may be necessary to repeat the cleaning process several times. Use of corrosive detergents or rubbing of pan bases can wear away the decoration on the hob over time and contribute to the formation of stains.



We recommend the use of cleaning products distributed by the manufacturer.



After cleaning, dry the appliance thoroughly to prevent any water or detergent from interfering with its operation or creating unsightly marks.

What to do if...

The hob does not work:

- Make sure that the hob is connected and that the main switch is turned on.
- Make sure that there is no power failure.
- Make sure that the fuse has not blown. In this case replace the fuse.
- Make sure that the circuit breaker of the residential electrical system has not tripped. In this case, reset the circuit breaker.

The cooking results are unsatisfactory:

- Make sure that the cooking temperature is not too high or too low.
- Make sure that the hob is properly ventilated and that the air inlets are unobstructed.
- Use cookware that is certified and tested for induction cooking.

The hob smokes:

- Let the hob cool down and clean it once cooking is complete.
- Make sure that the food has not spilled out of the pan and use a larger cooking vessel, if needed.

The fuses blow or the circuit breaker of the residential electrical system trips repeatedly.

- Call Technical Support or an electrician.

There are cracks or fissures in the hob:

- Turn off the appliance immediately, disconnect the power supply and contact Technical Support.

INSTALLATION

Electrical connection



See General safety instructions.

General information

Check the mains characteristics against the data indicated on the plate.

The identification plate bearing the technical data, serial number and brand name is visibly positioned on the appliance.

Do not remove this plate for any reason.

The appliance must be connected to ground using a wire that is at least 20 mm longer than the other wires.

The appliance can work in the following modes:

220-240 V 1N~

3 x 1.5 mm²

three-core cable



The values indicated refer to the cross-section of the internal conductor.



The aforementioned power cables are sized taking into account the coincidence factor (in compliance with standard EN 60335-2-6).

Fixed connection

Fit the power line with an all-pole circuit breaker with a contact separation distance sufficient to provide complete disconnection in category III overvoltage conditions, pursuant to installation regulations.

For the Australian/New Zealand market:

The circuit breaker incorporated in the fixed connection must comply with AS/NZS 3000.

Section cut from the countertop

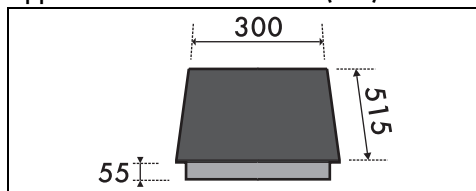
Safety instructions for positioning and installation



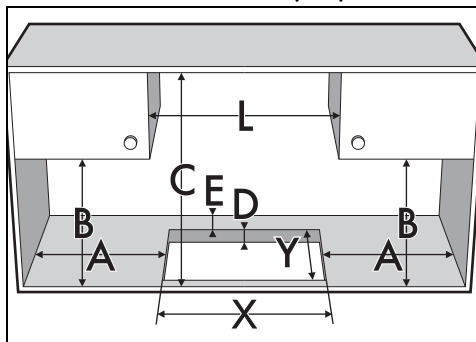
See General safety instructions.

- 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 ($>90^{\circ}\text{C}$).
- Veneers, adhesives or plastic coatings on adjacent furniture should be temperature-resistant ($>90^{\circ}\text{C}$), otherwise they might warp over time.
- If the piece of furniture does not have the required recess opening, either it will have to be cut or masonry work carried out by a competent technician.
- The minimum clearance between exhaust hoods and the cooking surface must be at least the distance indicated in the exhaust hood installation instructions.
- The minimum clearances must also be respected for the edges of the hob on the back as indicated in the assembly instructions.
- If the appliance is to be installed above an oven, the oven must be fitted with a cooling fan.

Appliance overall dimensions (mm)



Built-in cabinet dimensions (mm)

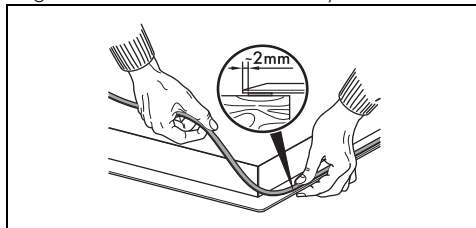


X (mm)			Y (mm)	
270			490	
A (mm)	B (mm)	C (mm)*	D (mm)	E (mm)
min 150	min 460	min 750	20 - 60	min 50

* If there is a kitchen unit positioned above the hob. In the case of a hood, refer to the measurements indicated in the relative manual.

Hob seal

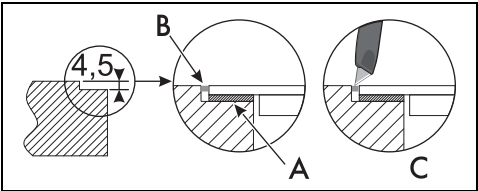
To prevent leakage of liquid between the frame of the hob and the countertop, place the adhesive seal provided along the entire outer edge of the hob before assembly.



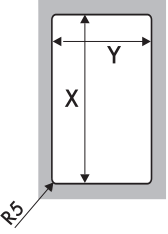
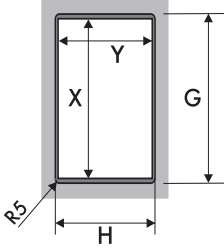
Do not use silicone to secure the hob. This would make it impossible to remove the hob without damaging it.

In the case of flush mounting, after placing the adhesive seal (A) on the glass surface and after positioning and securing the hob, fill the edges

with insulating silicone (B) and wipe off any excess. If for any reason the hob needs to be removed, cut the silicone using a cutter before attempting to remove it (C).




Standard and Flush mounting (mm)*

									
L (mm)	X (mm)	Y (mm)	G (mm)	H (mm)					
300	490	270	-	-					
300	490	270	514	304					

* The image on the left shows the Standard opening, while the one on the right shows the Flush opening.

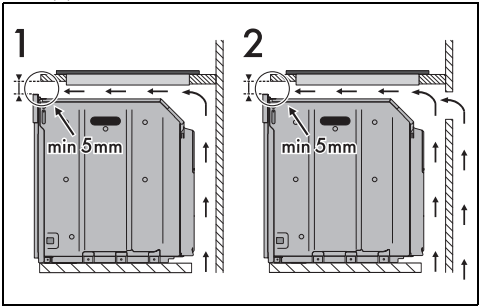
Mounting



See General safety instructions.

Over built-in oven unit

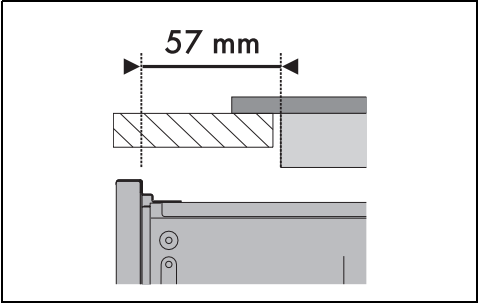
The clearance between the hob and the kitchen units or other built-in appliances must be enough to ensure sufficient ventilation and air discharge. If installed above an oven, a space must be left between the bottom of the hob and the top of the appliance installed below.




- 1 Opens on bottom
- 2 Opens on bottom and back

It is also necessary to maintain a distance of

approximately 57 mm from the front panel of the oven to the front of the appliance, as shown in the figure below.



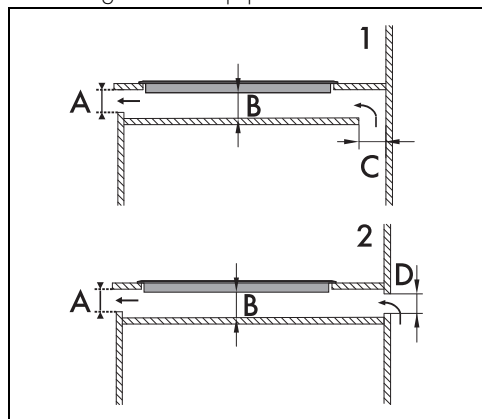


To ensure proper ventilation, a space of at least 20 mm must be left between the bottom of the hob and the oven underneath.

On an empty kitchen

If there are other pieces of furniture under the hob, a double-layer wooden base must be installed at least 20 mm from the bottom of the hob to avoid any accidental contact. It must only be possible to remove the double-layer

base using suitable equipment.



1 Opens on bottom

2 Opens on back

A min. 5 mm

B min., 20 mm

C min. 30 mm - max. 50 mm

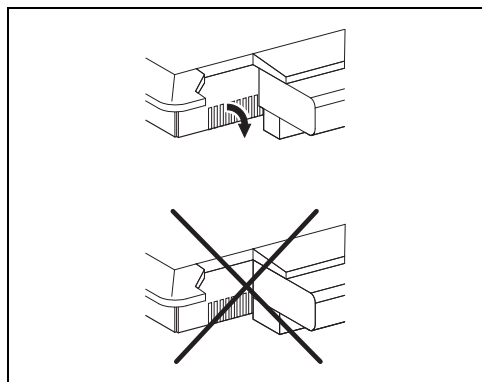
D min. 30 mm - max. 50 mm



Failure to install the double-layer wooden base exposes the user to possible accidental contact with sharp or hot parts.

Ventilation

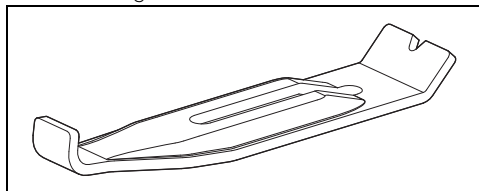
The illustrations below show two examples of installation suitable for proper ventilation and one example of incorrect installation to be avoided.



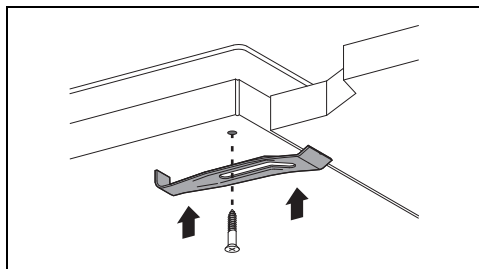
Fixing to the built-in cabinet

In order to ensure fixing to the built-in cabinet and optimum centring, the supplied fixing brackets must be screwed into the holes in the

bottom casing.



Screw the fixing brackets into the dedicated holes to properly fasten the hob to the built-in structure.



Instructions for the installer

- If you use a plug (if present) to connect to the power supply, the plug must be accessible after installation.
- Do not bend or trap the power cable.
- The appliance must be installed according to the installation diagrams.
- If the appliance does not work correctly after having carried out all the checks, contact your local Authorised Service Centre.
- Once the appliance has been installed, please explain to the user how to use it correctly.