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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.
- To prevent scratching the glass surface, avoid sliding pots across it. Lift them and place them gently where needed instead.

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.
- Do not set the hob at a power higher than that supported by the electrical system.

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.

Information on power consumption in off/stand-by mode

Technical data on the appliance's power consumption in off/stand-by mode can be found at www.smeg.com under the page corresponding to the product in question.

How to read the user manual

This user manual uses the following reading conventions:



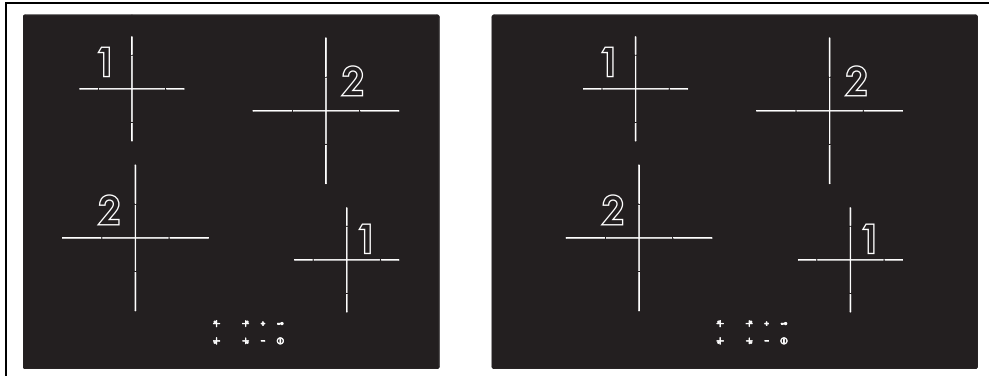
Warning/Caution



Information/Advice

DESCRIPTION

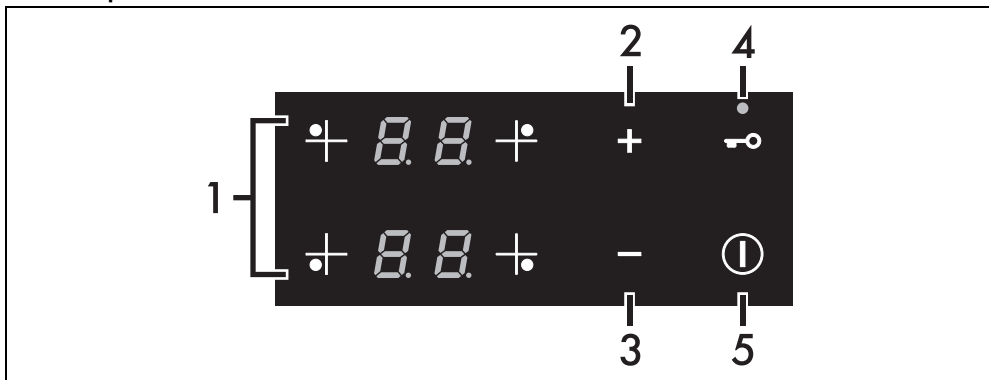
General description



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	150 x 150	90	150	1200	1600
2	210 x 210	130	210	1500	2000

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

Control panel



- 1 Cooking zone selection buttons
- 2 Increase button
- 3 Decrease button
- 4 Control lock button
- 5 On/Off 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.

Power control

The hob is fitted with a power control module that optimises/limits consumption. If the overall

set power level exceeds the maximum limit permitted, the electronic circuit board will automatically manage the power supplied by the hot plates. The module tries to maintain the maximum deliverable power levels. If the  symbol appears it indicates that it is no longer possible to increase the power level for a specific cooking zone.



Priority is given to the first zone that is set in chronological order.



The power control module does not affect the total power consumption of the appliance.

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.



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 switch off the appliance, press and hold the  button until it switches off.

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 right cooking 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.

- 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.
- A zone can be switched off quickly by pressing the  and  buttons 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.

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")

Booster function



See General safety instructions.

The Booster 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:

- Set the power level to 9.

- Press the  button again; the  symbol



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









will be shown on the display.

To deactivate the Booster function, simply decrease the power level of the cooking zone or switch off the appliance.

Timed cooking

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).

To set timed cooking:

- Place a pan on a cooking zone and select a zone power level.
- Select the required cooking zone.
- Press the buttons  and  at the same time.
- The display of the selected zone shows .
- The flashing  symbol appears between the rear zone buttons.
- Use the keys  and  to select the desired time; press and hold for fast forward.
- Press the keys  and  at the same time to cancel the function.



This function can be activated on multiple cooking zones at the same time.



This time can be changed at any time by following the above procedure.




The timer cannot be activated if the power level of the selected cooking zone is zero (0).

Controls lock




This feature is designed to lock all the hob controls.


It is always active when the hob is switched on.

It locks all buttons apart from this one and the ON/OFF  button.

This is useful when cleaning the appliance and to prevent functions being modified by mistake.

To activate the controls lock function, at least one cooking zone has to be active:

1. Press the  button for at least one second.
2. The LED on the display lights up for 2 seconds to indicate that the function has been activated.

To disable the Controls lock, press the  button for at least one second.



It is always lit when the hob is activated.

Safety features



See General safety instructions.

Limiting the cooking duration



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.

Heating is switched off when the device for limiting the duration of use is activated.

Power level	Maximum cooking time
1 - 8	10 hours
9	3 hours
Booster (P)	10 minutes

Residual heat indicators

When the cooking zones are switched off, if they have a temperature above a certain safety threshold, the  symbol will appear on the display. When the temperature falls below this threshold, the  symbol disappears.

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. At the end, if the internal temperature is very high, the appliance is switched off automatically.

Error warnings

In the event of a malfunction or abnormal operation, the display shows a message containing the code associated with the error.

Error codes always begin with the letter "F" followed by a digit or letter (e.g. "F1 or F4").

Errors coded as:

- "Fc"
- "Ft"
- "FE"

Indicate an overheating of the appliance or part of it, so the appliance must be switched off immediately, all pans removed and allowed to cool down.

If these errors persist or different ones are displayed, the code should be noted and the Technical Support should be contacted.



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

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

91477A679/D

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.

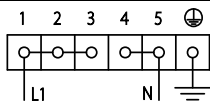
The appliance must be connected to ground using a wire that is at least 20 mm longer than the other wires.

The appliance can work in the following modes:

220-240 V 1N \sim

3 x 1.5 mm²

three-core cable



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

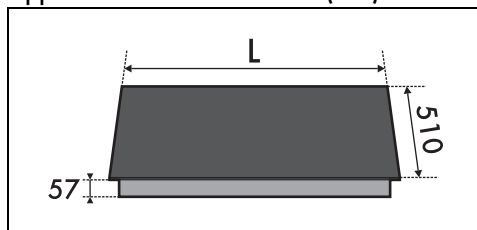


The power cables are sized taking into account the coincidence factor (in compliance with standard EN 60335-2-6).

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)



MODELS (cm)	L
60	600
70	750

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

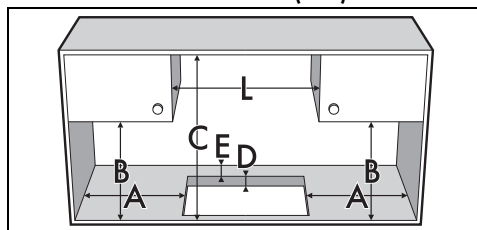
Safety instructions for positioning and installation



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°C).
- Veneers, adhesives or plastic coatings on adjacent furniture should be temperature-resistant (>90°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

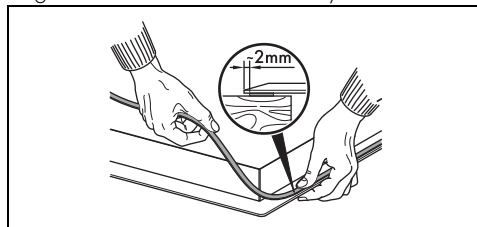
Built-in cabinet dimensions (mm)



A	min. 150
B	min. 460
C	min. 750
D	30 - 50
E	min. 50
L	min. 600-700

Hob seal

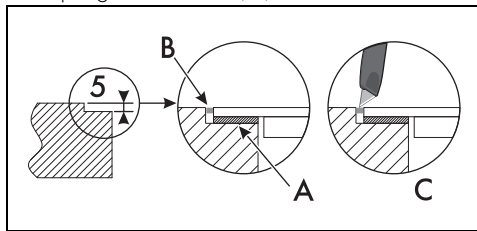
To prevent leakage of liquid between the frame of the hob and the countertop, place the adhesive seal provided along the entire outer edge of the hob before assembly.





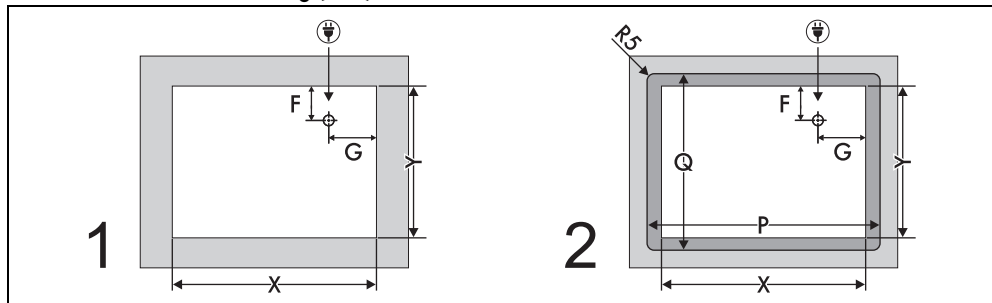
Do not use silicone to secure the hob. This would make it impossible to remove the hob without damaging it.

attempting to remove it (C).



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

Standard and flush mounting (mm)



MODEL (cm)	X	Y	P	Q	F	G
60	555-560	478-482	603	513	88	317
70	555-560	478-482	753	513	88	317



Electrical connection

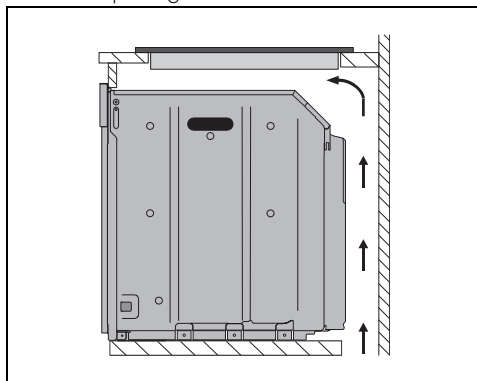
1. Standard mounting
2. Flush built-in model

Mounting

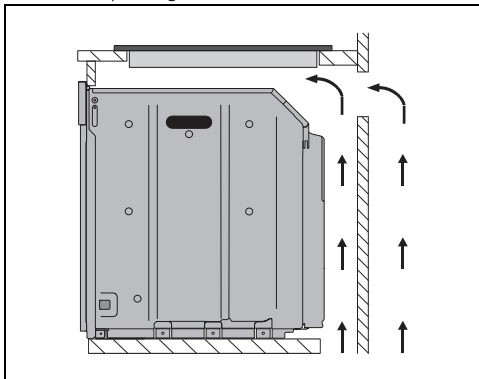
Over built-in oven unit

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.

- With opening on bottom:



- With opening on bottom and back:



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

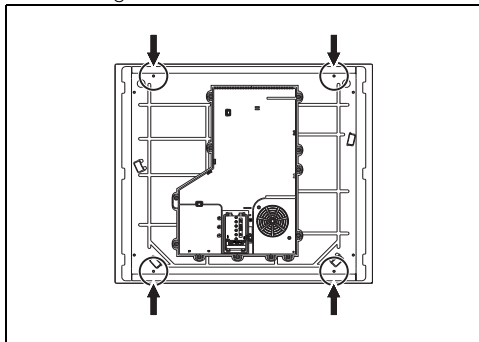


If installed on top of an oven, the latter must be equipped with a cooling fan.

Fastening to the built-in cabinet

It has to be secured to the cabinet using front and back screws:

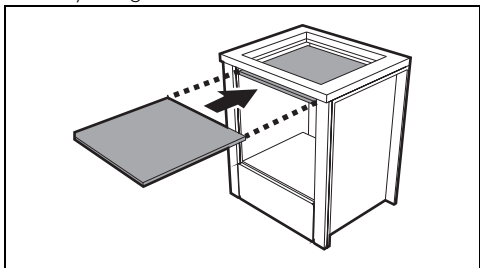
1. Remove the screws from the holes indicated in the figure below.



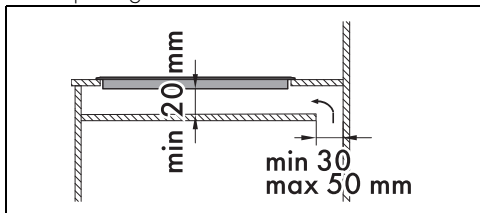
2. Fasten the fixing brackets (A) into the holes marked using the screws that were removed in order to correctly fix the hob to the structure.

On top of an empty kitchen unit or drawers

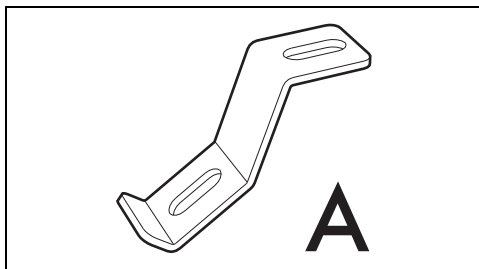
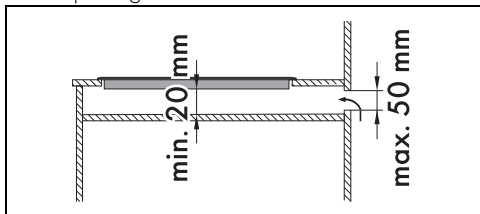
If there are other pieces of furniture (lateral walls, drawers etc.), dishwashers or fridges under the hob, a double-layer wooden base has to be installed at least 20 mm from the bottom of the hob to avoid any accidental contact. It must only be possible to remove the double-layer base by using suitable tools.



With opening on bottom:



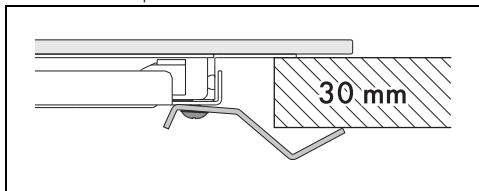
With opening on back:



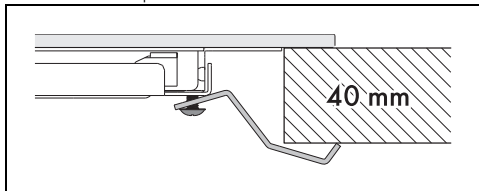
If tightened too much the glass may be strained and crack.

The fixing brackets should be installed differently according to the thickness of the countertop.

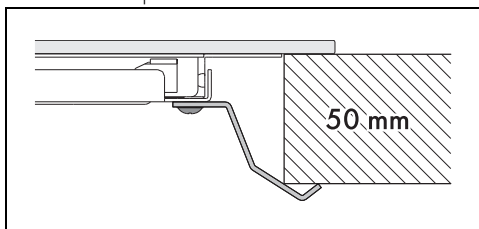
- Countertop thickness 30 mm:



- Countertop thickness 40 mm:



- Countertop thickness 50 mm:



In the case of countertops of less than 30 mm, an additional spacer should be used between the bracket and the top.

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.