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These instructions apply only for the destination countries listed on the appliance's data plate.
This is a class 3 built in hob.

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



1 Instructions

1.1 General safety instructions

Risk of personal injury

- During use the appliance and its accessible parts become very hot. Never touch the heating elements 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 be used by children aged at least 8 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 instructed by adults who are responsible for their safety.
- 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.
- Make sure that the flame-spreader crowns are correctly positioned in their housings with their respective burner caps.
- CAUTION: The cooking process has to be supervised. A short-term cooking process has to be supervised continuously.
- WARNING: Unattended cooking on a hob with fat or oil can be dangerous and may result in a fire.
- WARNING: The appliance and its accessible parts become hot during use.
- WARNING: Danger of fire: do not store items on the cooking surfaces.
- Means for disconnection of appliance must be incorporated in the fixed wiring in accordance with the wiring rules.
- 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.
- The cooking process must always be monitored. A short cooking process must be continuously monitored.
- Do not place metal objects, such



as dishes or cutlery, on the hob surface during use as they may overheat.

- Do not insert pointed metal objects (cutlery or utensils) into the slots in the appliance.
- Do not pour water directly onto very hot trays.
- Do not use aerosols in the vicinity of this appliance whilst it is in use.
- Switch off the appliance immediately after use.
- Do not modify this appliance.
- Do not try to repair the appliance yourself or without the assistance of a qualified technician.
- Do not pull the cable to unplug the appliance.
- If the power supply cable is damaged, contact technical support immediately and they will replace it.

Risk of damaging the appliance

- Use wooden or plastic utensils.
- Do not sit on the appliance.
- Do not use steam jets to clean the appliance.
- Do not obstruct ventilation openings and heat dispersal slots.
- 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.

- Never leave objects on the cooking surface.
- Do not use the appliance to heat rooms for any reason.
- Do not spray any spray products near the oven.
- Do not use plastic cookware or containers when cooking food.
- 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 use steam jets to clean the appliance.
- Do not use rough or abrasive materials or sharp metal scrapers.
- 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).
- Do not wash removable parts such as the hob pan support grids, flame-spreader crowns and burner caps in the dishwasher.



Instructions

Installation

- This appliance **must not be installed** in a boat or caravan.
- The appliance must not be installed on a pedestal.
- Position the appliance into the cabinet cut-out with the help of a second person.
- To avoid potential overheating, the appliance must not be installed behind a decorative door or a panel.
- 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.
- Installation and servicing should be carried out by qualified personnel in accordance with current standards.
- Have the gas connection performed by authorised technical personnel.
- Installation using a hose must be carried out so that the length of the hose does not exceed 2 metres when fully extended for steel hoses and 1.5 metres for rubber hoses.
- The hoses should not come into contact with moving parts and should not be crushed in any way.
- If required, use a pressure regulator that complies with current regulations.
- After carrying out any operation, check that the tightening torque of gas connections is between 10 Nm and 15 Nm.
- At the end of the installation, check for any leaks with a soapy solution, never with a flame.
- 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 withstanding a temperature of at least 90°C.
- The tightening torque of the screws of the terminal supply wires must be 1.5 - 2 Nm.
- If it is necessary to replace the power cable, this must only be performed by a qualified technician.

1.2 Appliance purpose

- This appliance is intended for cooking food in the home environment. Every other use is considered improper.



- The appliance is not designed to operate with external timers or with remote-control systems.

1.3 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
- The use of non-original spare parts.

1.4 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.

1.5 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.

1.6 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.

To dispose of the appliance:

- Cut the power supply cable and remove it along with the plug.



Power voltage

Danger of electrocution

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



Instructions

- 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.

1.8 How to read the user manual

This user manual uses the following reading conventions:

Instructions



General information on this user manual, on safety and final disposal.

Description



Description of the appliance and its accessories.

Use



Information on the use of the appliance and its accessories, cooking advice.

Cleaning and maintenance



Information for proper cleaning and maintenance of the appliance.

Installation



Information for the qualified technician: Installation, operation and inspection.



Safety instructions



Information



Advice

1. Sequence of instructions for use.

- Standalone instruction.

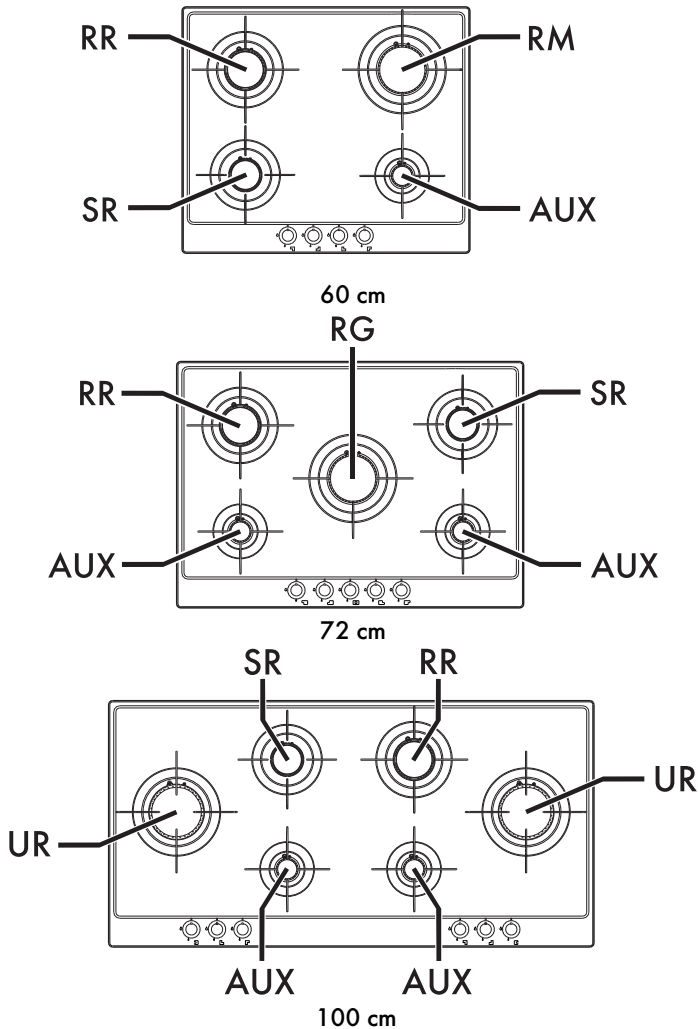
1.7 Information on power consumption in off/stand-by mode

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.



2 Description

2.1 General description



AUX = Auxiliary burner
SR = Semi-rapid burner
RR = Reduced Rapid burner

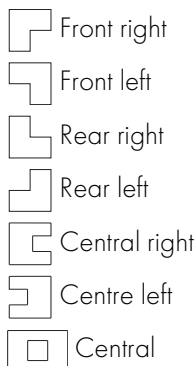
RM = Medium Rapid burner
RG = Large Rapid burner
UR = Ultra Rapid burner



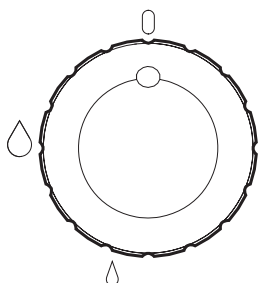
Description

2.2 Symbols

Cooking zones



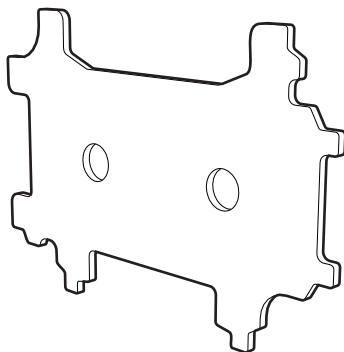
Burner knobs



For lighting and adjusting the hob burners. Press and turn the knobs anti-clockwise to  in order to light the relative burners. Turn the knobs to the zone between the maximum  and minimum  setting to adjust the flame. Return the knobs to the position  to turn off the burners.

2.3 Available accessories

Burner wrench (for installer only)



For removing and replacing the hob burners.



Supplied and optional accessories can be requested to Authorised Assistance Centres. Use only original accessories supplied by the manufacturer.



3 Use

3.1 Instructions



Improper use Danger of burns

- Make sure that the flame-spreader crowns are correctly positioned in their housings with their respective burner caps.
- Oils and fats could catch fire if overheated. Be very careful.
- Do not leave the appliance unattended during cooking operations where fats or oils could be released.
- Do not spray any spray products near the appliance.
- Do not touch the appliance's heating elements when it is in operation. Leave them to cool before cleaning.
- Keep children under the age of 8 away from the appliance when it is in use.



Improper use Risk of damage to surfaces

- Do not use aluminium foil to cover the burners or hob body.
- 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.
- It is not recommended to use earthenware or stoneware (soapstone) pans to cook or heat food.

3.2 First use

1. Remove any protective film from the outside or inside of the appliance, including accessories.
2. Remove any labels (apart from the technical data plate) from accessories.
3. Remove and wash all the appliance accessories (see 4 Cleaning and maintenance).

3.3 Using the hob

All the appliance's control and monitoring devices are located together on the front panel. The burner controlled by each knob is shown next to the knob. The appliance is equipped with an electronic ignition device. Simply press the knob and turn it anti-clockwise to the maximum flame symbol, until the burner ignites. If the burner does not light in the first 15 seconds, turn the knob to  and wait 60 seconds before trying again. After lighting, keep the knob pressed in for a few seconds to allow the thermocouple to heat up.

The burner may go out when the knob is released: In this case, the thermocouple has not heated up sufficiently. Wait a few moments and repeat the operation. Keep the knob pressed in longer.



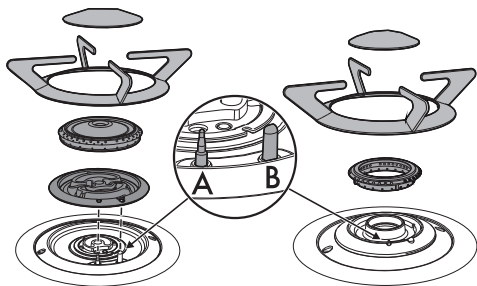
In case of an accidental switching off, a safety device will be tripped, cutting off the gas supply, even if the gas cock is open. Return the knob to  and wait at least 60 seconds before lighting it again.



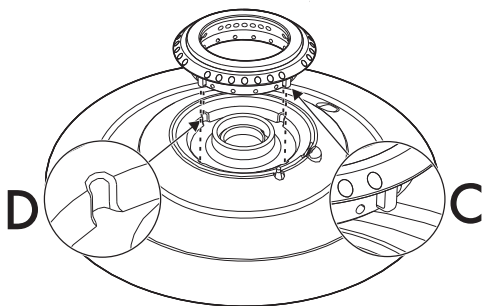
Use

Correct positioning of the flame-spreader crowns and burner caps

Before lighting the hob burners, make sure that the flame-spreader crowns are correctly positioned in their housings with their respective burner caps. Make sure that the holes in the burner are aligned with the thermocouples **(A)** and the igniters **(B)**.



Also make sure that the pins **(C)** of the flame-spreader crowns are inserted into their seats **(D)** in the burner rings.



Limitations on griddle use



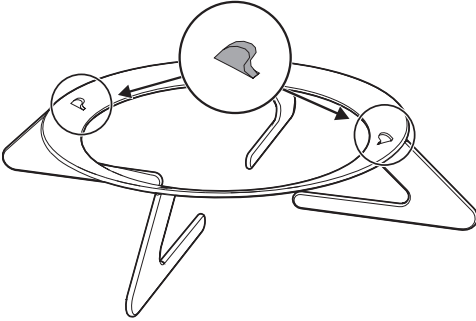
A few precautions are necessary if you wish to use a griddle:

- Griddles must never protrude beyond the edge of the hob.
- Teflon-coated aluminium griddles should be pre-heated empty for a maximum of 5 minutes in order to avoid damaging the appliance and the Teflon coating. After pre-heating, place the foodstuffs on the griddle to cook them; do not exceed 40 minutes of total use for the griddle.
- Do not use griddles or plates to cook or heat food on the ultra-rapid burner (UR).
- If one of the burners close to the wooden rear wall is an ultra-rapid burner (UR), leave a gap of at least 160 mm between this wall and the edge of the griddle.
- Make sure that the burner flame does not extend beyond the edge of the griddle.
- Leave a gap of at least 160 mm between the edge of the griddle and the side wall.
- Do not place the griddle over more than one burner at the same time.
- Never use the griddle for more than 40 minutes.

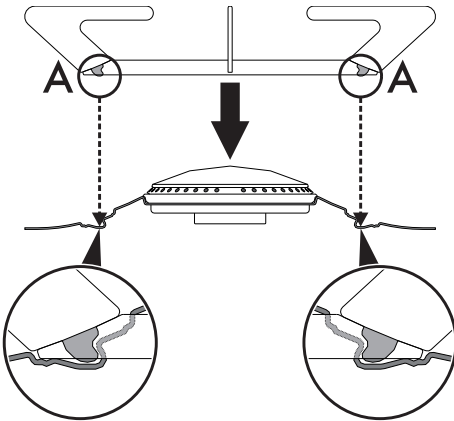


Correct positioning of the pan supports

Underneath the pan supports, in correspondence with the horizontal spokes, there are pins that fasten them onto the burner.



Position the pan supports making sure that the pins (A) match up with the relative seats on the hob. Then press using the palm of your hand until you hear them click into place.



Practical tips for using the hob

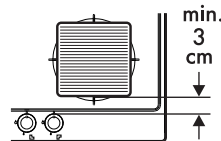
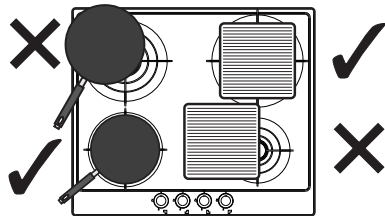
For better burner efficiency and to minimise gas consumption, use pans with lids and of suitable size for the burner, so that the flames do not reach up the sides of the pan. Once the contents come to the boil, turn down the flame far enough to ensure that the liquid does not boil over.



Cookware diameters:

- AUX: 7 - 18 cm.
- SR - RR: 10 - 24 cm.
- RM: 18 - 24 cm.
- RG: 20 - 24 cm.
- UR: 20 - 28 cm.

To prevent burns or damage to the hob or counter top during cooking, all pans or griddles (not supplied) must be placed inside the perimeter of the hob and they must be kept at a minimum distance of 3 centimetres from the knobs.





4 Cleaning and maintenance

4.1 Instructions



Improper use

Risk of damage to surfaces

- Do not use steam jets to clean the appliance.
- 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).
- Do not use rough or abrasive materials or sharp metal scrapers.
- Do not wash removable parts such as the hob pan support grids, flame-spreader crowns and burner caps in the dishwasher.

4.2 Cleaning the appliance

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.

Food stains or residues

Do not use steel sponges and sharp scrapers as they will damage the surface.

Use normal, non-abrasive products and a wooden or plastic tool, if necessary. Rinse thoroughly and dry with a soft cloth or a microfibre cloth.

Hob pan supports and burner caps (EVERSHINE treatment)

The special EVERSHINE treatment makes the shiny stainless steel burners and pan supports extremely resistant to heat and prevents yellowing caused by high temperatures. To clean them without damaging the surface treatment, proceed as follows:

1. Remove the burner caps from the burners.
2. Raise one of the horizontal spokes of the pan support in order to remove the support from its seat.
3. Wash the components that have been removed using hot water and a non-abrasive detergent, making sure to remove any encrustations. Do not use metallic or abrasive sponges or sharp scrapers.
4. Dry the components.



5. Replace the burner caps onto their relative crowns; position the pan stands making sure that the pins of the flame-spreader crowns are aligned with the relative seats on the hob (see Chapter "3.3 Correct positioning of the pan supports").



If it comes into contact with harsh detergents, hard water or spills (cooking water, sauces, coffee, etc.), clean immediately after having let the hob cool down.

Flame-spreader crowns

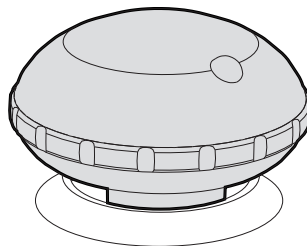
For easier cleaning, the flame-spreader crowns and the burner caps can be removed. Wash them in hot water and non-abrasive detergent. Carefully remove any encrustation, then wait until they are perfectly dry. Replace the flame-spreader crowns, making sure that they are correctly positioned in their housings with their respective burner caps.



If the flame of the UR burners is not stable (burner does not light or is difficult to light), carefully clean the perforated crown to remove any deposits from the holes. If the problem persists after having cleaned it, contact your local Authorised Service Centre.

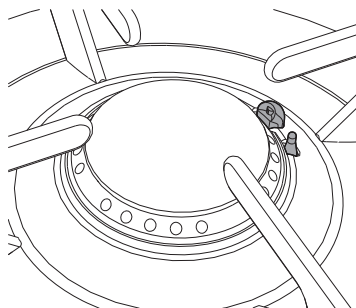
Knobs

The knobs are made of stainless steel and therefore must be cleaned following the same instructions as for cleaning the hob.



Igniters and thermocouples

For correct operation the igniters and thermocouples must always be perfectly clean. Check them frequently and clean them with a damp cloth if necessary. Remove any dry residues with a wooden toothpick or a needle.





Installation

5 Installation

5.1 Safety instructions



Heat production during appliance operation

Risk of fire

- Check that the carcass material is heat resistant.
- Check that the carcass has the required openings.

Veneers, adhesives or plastic coatings on adjacent furniture should be temperature-resistant ($>90^{\circ}\text{C}$), otherwise they might warp over time.



The minimum clearance between a ventilation hood and the cooking surface must be at least the distance indicated in the ventilation hood installation instructions.

The minimum clearances must also be respected for the edges of the hob on the back as indicated in the mounting illustrations.



If a hood is installed above the hob, refer to the hood instructions manual to ensure that the correct clearance is left.

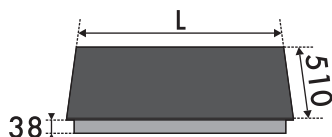
5.2 Section cut from the countertop



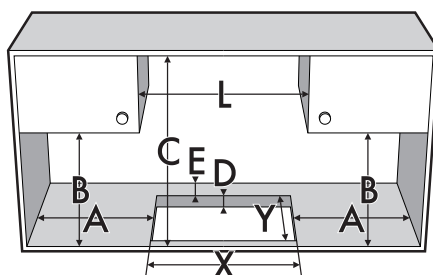
The following operation requires building and/or carpentry work and must therefore be carried out by a competent tradesman.

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 ($>90^{\circ}\text{C}$).

Create an opening with the dimensions shown in the figure in the countertop of the piece of furniture.



L (cm)	X (mm)	Y (mm)
60	555 - 560	478 - 482
72	555 - 560	478 - 482
100	839 - 844	480 - 484



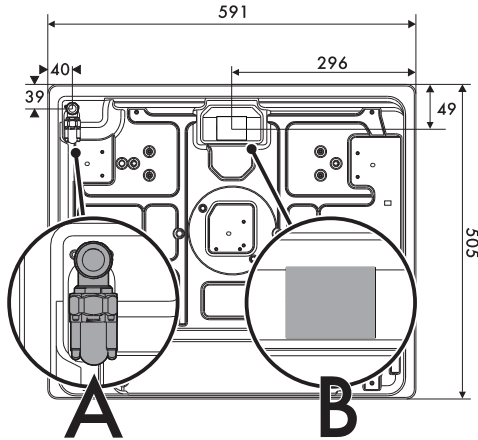
L = 60 cm - L = 72 cm				
A (mm)	B (mm)	C (mm)*	D (mm)	E (mm)
min 150	min 460	min 750	20 - 40	min 50
L = 100 cm				
A (mm)	B (mm)	C (mm)*	D (mm)	E (mm)
min 300	min 460	min 750	20 - 40	min 50



* 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.

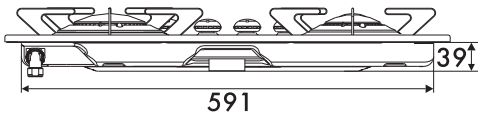
Dimensions: Location of gas and electrical connections (measurements in mm)

60 and 72 cm models:

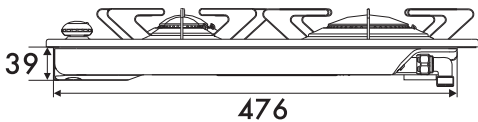


View from underneath

- A Gas connection
- B Electrical connection

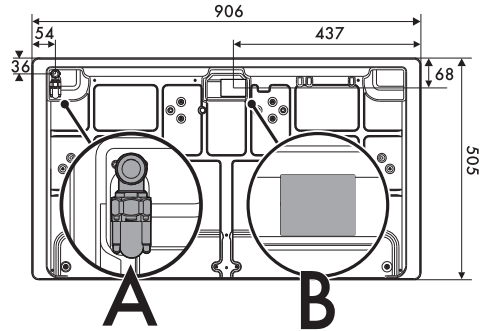


View from the back



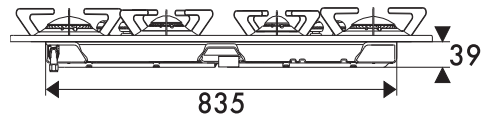
View from the right

100 cm models:

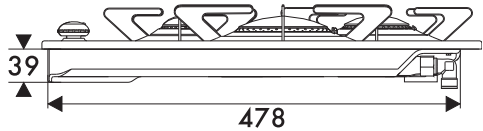


View from underneath

- A Gas connection
- B Electrical connection



View from the back



View from the right

EN

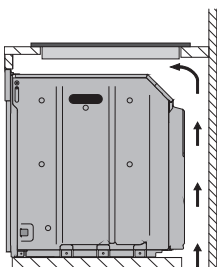


Installation

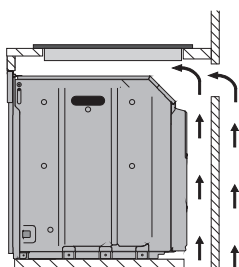
5.3 Mounting

Over built-in oven unit

The clearance between the hob and the kitchen furniture or other installed 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.



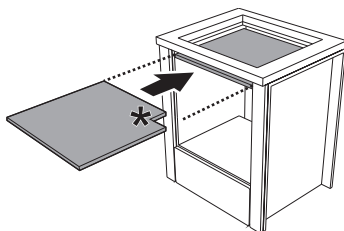
opens on bottom



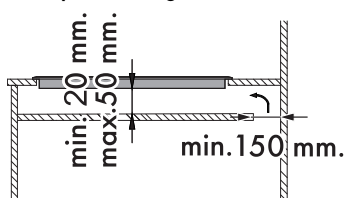
opens on bottom and on rear

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 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.



* 150 x 150 (mm)
required for gas connection



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

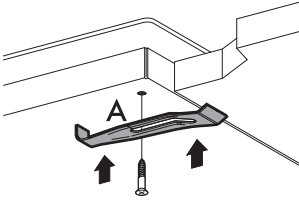


If installed on top of an oven, the latter must be equipped with a cooling fan.

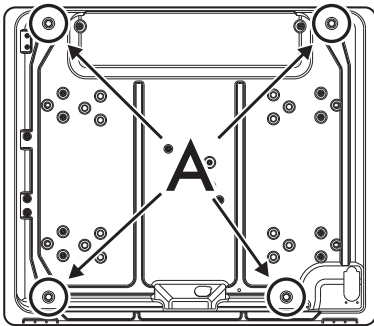


Fixing brackets

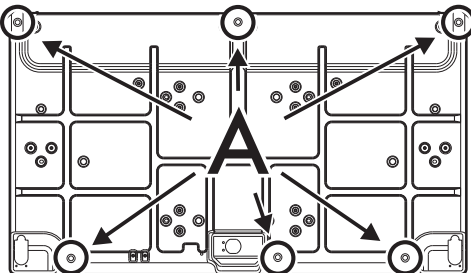
Screw the fixing brackets (**A**) into the holes on the sides of the bottom casing to properly fasten the hob to the structure.



60 72



100



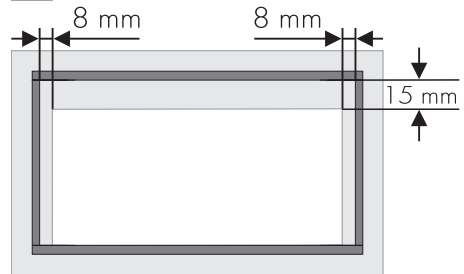
Do not use silicone to secure the hob. This would make it impossible to remove the hob, if necessary, without damaging it.

Hob seal

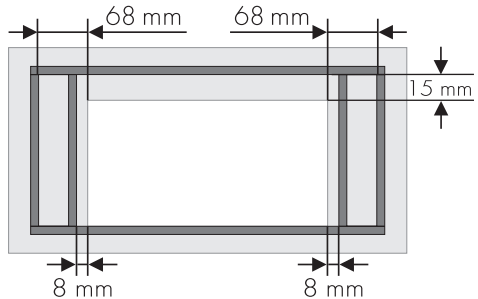
To prevent leakage of liquid between the frame of the hob and the work surface, put the insulating seal provided in position before assembly.

1. Refer to the dimensions in the figure, bearing in mind that the long front side must brush against the hole.

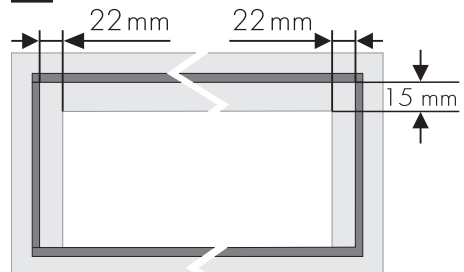
60



72



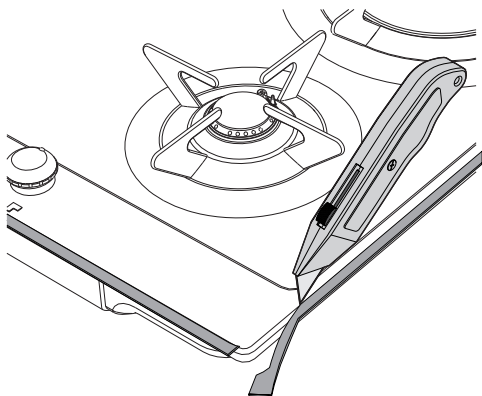
100





Installation

2. Use light pressure to make the seal stick to the edge around the hole cut in the worktop.
3. Carefully trim the surplus edge away from the seal.



5.4 Gas connection



**Gas leak
Danger of explosion**

- After carrying out any operation, check that the tightening torque of gas connections is between 10 Nm and 15 Nm.
- If required, use a pressure regulator that complies with current regulations.
- At the end of the installation, check for any leaks with a soapy solution, never with a flame.
- The hoses should not come into contact with moving parts and should not be crushed in any way.
- The settings for this domestic appliance are shown on the gas setting label.

General information

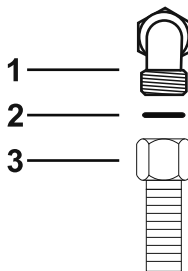
Connection to the gas mains can be made using a rigid copper pipe or a continuous wall steel hose in compliance with the provisions established by the applicable standard.

For supplying it with other types of gas, see chapter "5.5 Adaptation to different types of gas". The gas inlet connection is threaded $\frac{1}{2}$ " external gas (ISO 228-1).

Connection with a steel hose

Make the connection to the gas mains using a continuous wall steel hose whose specifications comply with the applicable standard.

Carefully screw the connector **3** to the gas connector **1** of the appliance, placing the seal **2** between them.



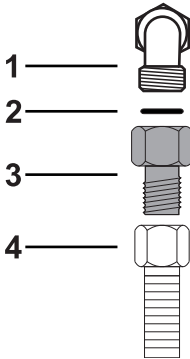
Connection with a steel hose with conical fitting

Make the connection to the gas mains using a continuous wall steel hose whose specifications comply with the applicable standard.

Carefully screw the hose connector **3** to the appliance's gas connector **1** ($\frac{1}{2}$ " thread ISO 228-1), placing the supplied seal **2** between them.

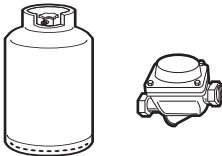


Apply insulating material to the thread of connector **3**, then tighten the steel hose **4** to the connector **3**.



Connection to LPG

Use a pressure regulator and make the connection on the gas cylinder following the guidelines set out in the standards in force.



The supply pressure must comply with the values indicated in the table in "Gas types and Countries".

Room ventilation

The appliance should be installed in rooms that have a permanent air supply in accordance with the standards in force. The room where the appliance is installed must have enough air flow for the regular combustion of gas and the necessary air change in the room itself.

The air vents, protected by grilles, must be the right size to comply with current regulations and positioned so that no part of them is obstructed, not even partially. The room must be kept adequately ventilated in order to eliminate the heat and humidity produced by cooking: In particular, after prolonged use, you are recommended to open a window or to increase the speed of any fans.

Extraction of the combustion products



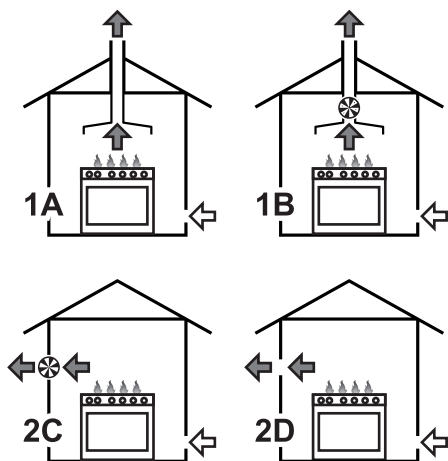
This domestic appliance is not connected to a device for extracting combustion products. It must be installed and connected in accordance with current installation regulations. Pay particular attention to the relevant requirements regarding ventilation.

The combustion products may be extracted by means of hoods connected to a natural draught chimney whose efficiency is certain or via forced extraction. An efficient extraction system requires precision planning by a specialist qualified in this area and must comply with the positions and clearances indicated by the applicable standards.



Installation

When the job is complete, the installer must issue a certificate of conformity.



1 Extraction using a hood

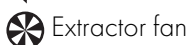
2 Extraction without a hood

A Single natural draught chimney

B Single chimney with extractor fan

C Directly outdoors with wall- or window-mounted extractor fan

D Directly outdoors through wall

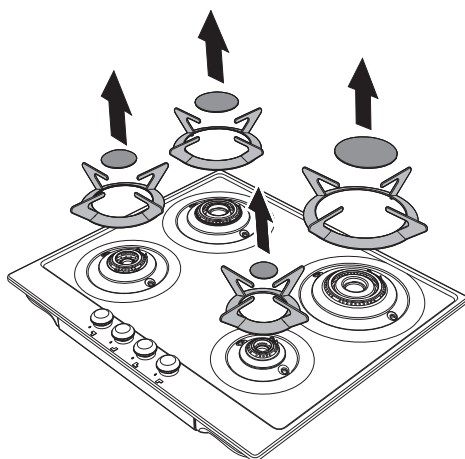


5.5 Adaptation to different types of gas

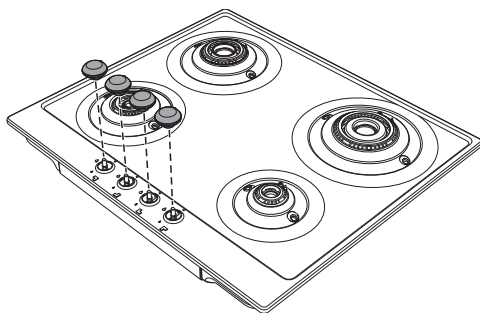
If other types of gas are to be used, the nozzles must be replaced and the primary air must be adjusted. The hob has to be removed in order to replace the nozzles and adjust the burners.

Removing the hob top

1. Remove the burner caps and then remove the pan supports by lifting one of the two horizontal spokes.

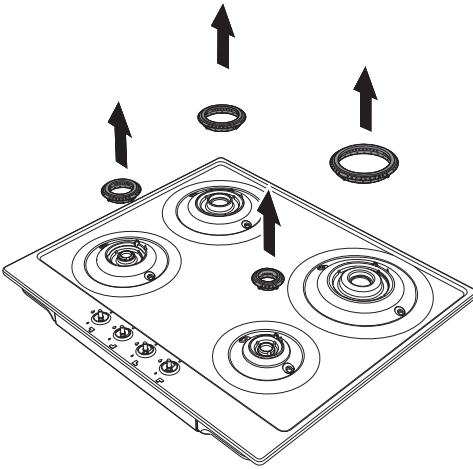


2. Remove the knobs.

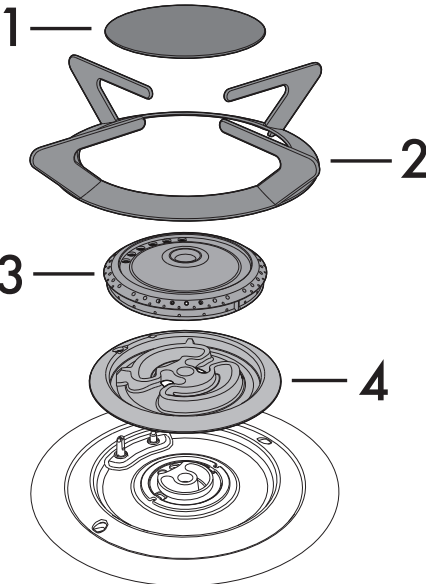




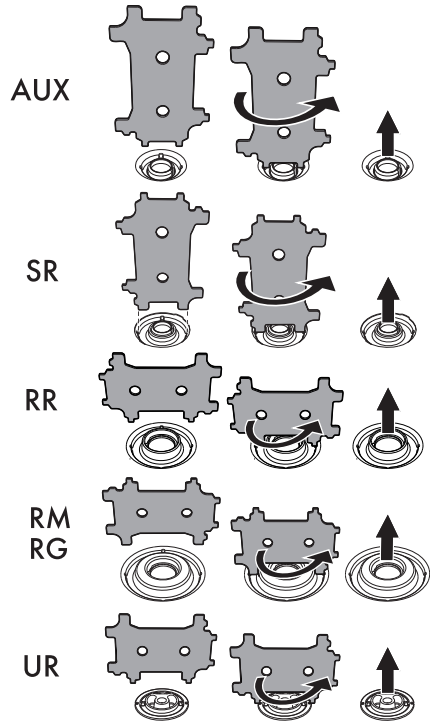
3. Remove the flame-spreader crowns.



4. To remove the UR burner (depending on the model), as well as removing the burner caps (1), the pan supports (2) and the flame-spreader crowns (3), also remove the lower plate (4).



5. Unscrew and remove the burner rings using the key provided.



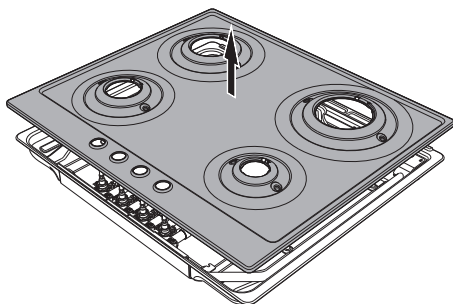
When reinstalling the hob, remember that the rings should be tightened as far as possible, using the key provided.

If the rings are not tightened completely, the flame interruption zones on the crowns will not be aligned with the spokes of the pan supports.

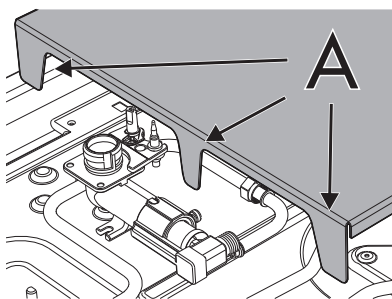
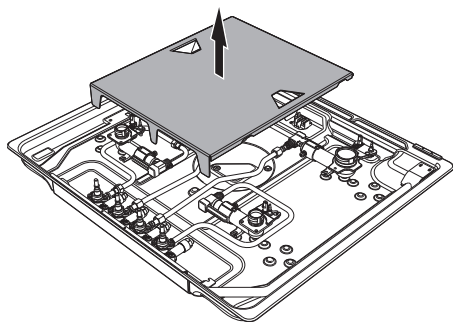


Installation

6. Remove the hob.

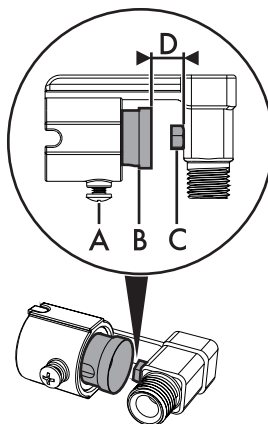


7. Remove the hob support plate.



The support plate must be reinstalled with the front support lugs (A) facing towards the gas valves, taking care to put it back in the same position as it was before it was removed.

Replacing nozzles



1. Unscrew screw **A** and push air regulator **B** as far as it will go.
2. Remove the nozzles **C** using a 7 mm spanner and install the ones suitable for the new type of gas, following the indications given in the relevant tables (see "Gas types and Countries").

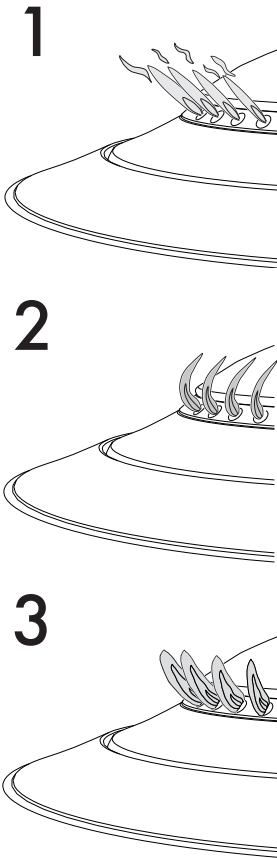


The nozzle tightening torque must be no more than 3 Nm.

3. Adjust the air flow by moving the air regulator **B** to obtain the distance **D** given in the corresponding table (see "Gas types and Countries").
4. After having adjusted each burner, reassemble the appliance following the disassembly instructions in reverse (see: "5.5 Adaptation to different types of gas - Removing the hob").



After having set the distance of the air regulator "D", the flame may appear as illustrated:

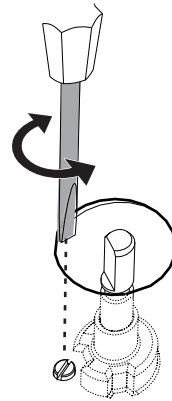


- **1:** the flame is "noisy" and "detaches" from the burner: the air regulator has been opened too far.
- **2:** the flame is opaque, dull or has yellow tips and "wraps around" the burner: the air regulator has been closed too far.
- **3:** the flame is light blue, clear and stable, does not "detach" or "wrap around" the burner: the air regulator is adjusted correctly.

If the flame appears as in "1" or "2", the air regulator has to be reset according to the measurements shown in the table "Burner and nozzle characteristics table".

Adjusting the minimum setting for natural or town gas

1. Light the burner and turn it to the minimum position.
2. Extract the gas cock knob and turn the adjustment screw next to the gas cock spindle (depending on the model) until the correct minimum flame is achieved.
3. Refit the knob and verify that the burner flame is stable.
4. Turn the knob rapidly from the maximum to the minimum setting: The flame should not go out.
5. Repeat the operation on all gas cocks.





Installation

Adjusting the minimum setting for LPG

Tighten the screw located at the side of the cock spindle clockwise all the way.



Following adjustment to a gas other than the one originally set in the factory, replace the gas setting label on the appliance with the one corresponding to the new gas. The label is inserted inside the nozzle pack (where present).

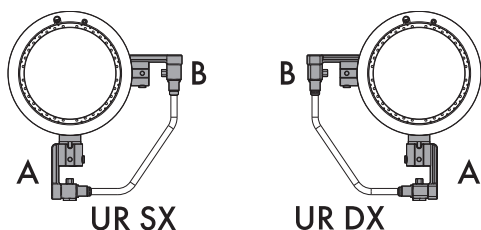
Lubricating the gas cocks

Over time the gas cocks may become difficult to turn and get blocked. Clean them internally and replace the lubrication grease.



Lubrication of the gas cocks should be performed by a specialised technician.

Double UR burner (100 cm models only)



The UR burners consist of two nozzles and two separate air regulators. Refer to the table for the correct settings. "Burner and nozzle characteristics table"



Gas types and Countries

Gas types		IT	GB- IE	FR- BE	DE	AT	NL	ES	PT	RU	SE DK	FI NO	PL	HU
1 Natural Gas G20														
G20	20 mbar	•	•		•	•	•	•	•	•	•	•	•	
G20/25	20/25 mbar			•										
2 Natural Gas G20														
G20	25 mbar													•
3 Natural Gas G25.3														
G25.3	25 mbar						•							
4 Natural Gas G25.1														
G25.1	25 mbar													•
5 Natural Gas G25														
G25	20 mbar				•									
6 Natural Gas G2.350														
G2.350	13 mbar												•	
7 LPG G30/31														
G30/31	28-30/37 mbar	•	•	•				•	•	•				
G30/31	30/30 mbar						•				•	•		•
8 LPG G30/31														
G30/31	37 mbar												•	
9 LPG G30/31														
G30/31	50 mbar				•	•								
10 Town gas G110														
G110	8 mbar	•									•			



It is possible to identify the available gas types based on the country the appliance is to be installed in. Refer to the heading number to identify the correct values in the "Burner and nozzle characteristics tables".



Installation

Burner and nozzle characteristics tables

1	Natural Gas G20 – 20 mbar	AUX	SR	RR	RM	RG	UR - A	UR - B
	Rated heating capacity (kW)	0.9	1.7	2.4	3.0	3.5	3.6	
	Nozzle diameter (1/100 mm)	67	92	110	125	135	110	73
	Reduced flow rate (W)	400	500	700	900	900	1100	
	Primary air (mm)	2	2	2	2	2	2	2
2	Natural Gas G20 – 25 mbar	AUX	SR	RR	RM	RG	UR - A	UR - B
	Rated heating capacity (kW)	1.0	1.7	2.4	3.0	3.5	3.6	
	Nozzle diameter (1/100 mm)	67	87	105	120	126	110	67
	Reduced flow rate (W)	400	500	700	900	900	1100	
	Primary air (mm)	2	2	2	2	2	2	2
3	Natural Gas G25.3 – 25 mbar	AUX	SR	RR	RM	RG	UR - A	UR - B
	Rated heating capacity (kW)	1.0	1.7	2.4	3.0	3.5	3.6	
	Nozzle diameter (1/100 mm)	75	98	112	128	135	120	75
	Reduced flow rate (W)	400	500	700	900	900	1100	
	Primary air (mm)	2	1.5	2	1.5	1.5	2	2
	Prechamber (printed on nozzle)	F5	F5	F3	H2	F5	F5	
4	Natural gas G25.1 – 25 mbar	AUX	SR	RR	RM	RG	UR - A	UR - B
	Rated heating capacity (kW)	1.0	1.7	2.4	3.0	3.5	3.6	
	Nozzle diameter (1/100 mm)	73	100	115	130	145	128	73
	Reduced flow rate (W)	400	500	700	900	900	1100	
	Primary air (mm)	1.5	1	1	1.5	1.5	1.5	1.5
5	Natural Gas G25 – 20 mbar	AUX	SR	RR	RM	RG	UR - A	UR - B
	Rated heating capacity (kW)	0.9	1.7	2.4	3.0	3.5	3.6	
	Nozzle diameter (1/100 mm)	75	105	120	135	150	130	75
	Reduced flow rate (W)	400	500	700	900	900	1100	
	Primary air (mm)	1	1	1	1	1	1.5	1.5
6	Natural gas G2.350 – 13 mbar	AUX	SR	RR	RM	RG	UR - A	UR - B
	Rated heating capacity (kW)	0.9	1.7	2.4	2.9	3.5	3.6	
	Nozzle diameter (1/100 mm)	95	126	150	170	190	165	95
	Reduced flow rate (W)	400	500	700	900	900	1100	
	Primary air (mm)	1	1	1	1	1	1.5	1.5

Installation



EN

7 LPG G30/31 - 30/37 mbar		AUX	SR	RR	RM	RG	UR - A	UR - B
Rated heating capacity (kW)		1.0	1.7	2.4	2.9	3.4	3.6	
Nozzle diameter (1/100 mm)		48	62	75	82	87	75	48
Reduced flow rate (W)		400	500	700	900	900	1100	
Primary air (mm)		14	1.5	1.5	1.5	2	14	14
Rated flow rate G30 (g/h)		73	124	174	211	247	262	
Rated flow rate G31 (g/h)		71	121	171	207	243	257	
8 LPG G30/G31 - 37 mbar		AUX	SR	RR	RM	RG	UR - A	UR - B
Rated heating capacity (kW)		0.9	1.7	2.4	3.0	3.4	3.6	
Nozzle diameter (1/100 mm)		42	60	70	78	82	70	42
Reduced flow rate (W)		450	550	800	900	900	1100	
Primary air (mm)		open	1.5	1	1.5	1.5	14	14
Rated flow rate G30 (g/h)		65	124	174	218	247	262	
Rated flow rate G31 (g/h)		64	121	171	214	243	257	
9 LPG G30/G31 - 50 mbar		AUX	SR	RR	RM	RG	UR - A	UR - B
Rated heating capacity (kW)		1.0	1.7	2.4	3.0	3.4	3.6	
Nozzle diameter (1/100 mm)		42	54	65	72	76	64	42
Reduced flow rate (W)		500	600	900	1100	1100	1400	
Primary air (mm)		1	1	1	1	1	12	12
Rated flow rate G30 (g/h)		73	124	174	218	247	262	
Rated flow rate G31 (g/h)		71	121	171	214	243	257	
10 Town gas G110 – 8 mbar		AUX	SR	RR	RM	RG	UR - A	UR - B
Rated heating capacity (kW)		1.0	1.7	2.4	3.0	3.5	3.5	
Nozzle diameter (1/100 mm)		132	165	220	270	280	245	132
Reduced flow rate (W)		400	500	700	900	900	1100	
Primary air (mm)		1	0.5	1	1	1	1.5	1.5

The nozzles not provided are available at Authorised Service Centres.



Installation

5.6 Electrical connection



Power voltage
Danger of electrocution

- Have the electrical connection performed by authorised technical personnel.
- Use personal protective equipment.
- The appliance must be connected to earth in compliance with electrical system safety standards.
- Disconnect the mains power supply.
- Do not pull the cable to remove the plug.
- Use cables withstanding a temperature of at least 90°C.
- The tightening torque of the screws of the terminal supply wires must be 1.5 - 2 Nm.

General information

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

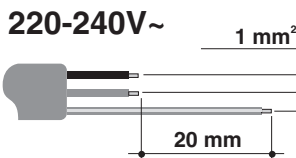
The identification plate bearing the technical data, serial number and brand name is visibly positioned on the appliance.

Do not remove this plate for any reason.

Perform the ground connection using a wire that is 20 mm longer than the other wires.

The appliance can work in the following modes:

- 220-240 V 1N~



3 x 0.75 mm² three-core cable.



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

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.

Connection with plug and socket

Make sure that the plug and socket are of the same type.

Avoid using adapters and shunts as these could cause overheating and a risk of burns.

Testing

At the end of installation, carry out a brief inspection test. If the hob fails to operate, after checking that you have carried out the instructions correctly, unplug the appliance and contact Technical Support.



5.7 Instructions for the installer

- 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.
- Do not try to unscrew or force the threaded elbow of the fitting. You may damage this part of the appliance, which may void the manufacturer's warranty.
- Use soap and water to check for gas leaks on all connections. **DO NOT** use naked flames to find leaks.
- Turn on all the burners separately and at then all together to make sure that the gas valve, burner and ignition are working properly.
- Turn the burner knobs to the minimum position and check that the flame is stable for each individual burner and all the burners together.
- 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.

