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THESE INSTRUCTIONS ARE VALID ONLY FOR THE DESTINATION COUNTRIES WHOSE IDENTIFYING SYMBOLS ARE INCLUDED ON THE COVER OF THIS MANUAL. THIS IS A CLASS 3 BUILT-IN HOB.



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



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





1. INSTRUCTIONS FOR USE



THIS MANUAL IS AN INTEGRAL PART OF THE APPLIANCE. IT MUST BE KEPT IN ITS ENTIRETY AND IN AN ACCESSIBLE PLACE FOR THE WHOLE WORKING LIFE OF THE HOB. WE ADVISE YOU TO READ THIS MANUAL AND ALL THE INFORMATION IT CONTAINS CAREFULLY BEFORE USING THE HOB. ALSO KEEP THE SERIES OF NOZZLES PROVIDED. INSTALLATION MUST BE CARRIED OUT BY QUALIFIED PERSONNEL IN ACCORDANCE WITH THE REGULATIONS IN FORCE. THIS APPLIANCE IS INTENDED FOR HOUSEHOLD USE AND COMPLIES WITH THE EEC DIRECTIVES CURRENTLY IN FORCE. THE APPLIANCE HAS BEEN BUILT TO CARRY OUT THE FOLLOWING FUNCTION: COOKING AND HEATING FOODS; ALL OTHER USES ARE TO BE CONSIDERED IMPROPER.

THE MANUFACTURER CANNOT BE HELD LIABLE FOR USE OTHER THAN AS INDICATED.



IF THE APPLIANCE IS INSTALLED ON BOATS OR IN CARAVANS, DO NOT USE IT AS A ROOM HEATER.



DO NOT USE THIS APPLIANCE FOR HEATING ROOMS.



THIS APPLIANCE IS MARKED ACCORDING TO EUROPEAN DIRECTIVE 2002/96/EC ON WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE).

THIS DIRECTIVE DETERMINES THE STANDARDS FOR THE COLLECTION AND RECYCLING OF WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT APPLICABLE THROUGHOUT THE EUROPEAN UNION.



BEFORE THE APPLIANCE IS PUT INTO OPERATION, ALL PROTECTIVE FILMS MUST BE REMOVED.



SUITABLE HEAT-PROOF GLOVES SHOULD BE WORN FOR ALL OPERATIONS.



DO NOT USE STEEL SPONGES AND SHARP SCRAPERS AS THEY WILL DAMAGE THE SURFACE.



USE NORMAL NON-ABRASIVE PRODUCTS, INCLUDING WOODEN OR PLASTIC UTENSILS IF NECESSARY. RINSE THOROUGHLY AND DRY USING A SOFT CLOTH OR A MICROFIBRE CLOTH.





DO NOT LEAVE THE APPLIANCE UNATTENDED DURING COOKING OPERATIONS WHERE FATS OR OILS COULD BE RELEASED. FATS AND OILS MAY CATCH FIRE.







ALWAYS CHECK THAT THE CONTROL KNOBS ARE IN THE (OFF) POSITION WHEN YOU FINISH USING THE HOB.



NEVER PLACE PANS WITH BOTTOMS WHICH ARE NOT PERFECTLY FLAT AND SMOOTH ON THE COOKING HOB RACKS.



NEVER USE CONTAINERS WHICH PROJECT BEYOND THE OUTSIDE EDGE OF THE HOB.





2. SAFETY PRECAUTIONS

REFER TO THE INSTALLATION INSTRUCTIONS FOR THE SAFETY REGULATIONS FOR ELECTRIC OR GAS APPLIANCES AND VENTILATION FUNCTIONS.

IN YOUR INTERESTS AND FOR YOUR SAFETY IT HAS BEEN ESTABLISHED BY LAW THAT THE INSTALLATION AND SERVICING OF ALL ELECTRICAL APPLIANCES IS TO BE CARRIED OUT BY QUALIFIED PERSONNEL IN ACCORDANCE WITH THE REGULATIONS IN FORCE.

OUR APPROVED INSTALLERS GUARANTEE A SATISFACTORY JOB.

GAS OR ELECTRICAL APPLIANCES MUST ALWAYS BE DISCONNECTED BY SUITABLY SKILLED PEOPLE.



BEFORE CONNECTING THE APPLIANCE TO THE POWER GRID, CHECK THE DATA ON THE PLATE AGAINST THE DATA FOR THE GRID ITSELF.



THE IDENTIFICATION PLATE CONTAINING THE TECHNICAL DATA, SERIAL NUMBER AND BRAND NAME IS IN A VISIBLE POSITION UNDER THE CASING.

DO NOT REMOVE THE PLATE ON THE CASING FOR ANY REASON.

BEFORE CONNECTING THE APPLIANCE, ENSURE THAT IT IS SET TO THE TYPE OF GAS THAT IT WILL BE SUPPLIED WITH, CHECKING THE LABEL APPLIED UNDER THE CASING.



BEFORE CARRYING OUT INSTALLATION/MAINTENANCE WORK, MAKE SURE THAT THE APPLIANCE IS NOT CONNECTED TO THE POWER GRID.



THE PLUG TO BE CONNECTED TO THE POWER SUPPLY CABLE AND ITS SOCKET MUST BE OF THE SAME TYPE AND CONFORM TO THE REGULATIONS IN FORCE. THE SOCKET MUST BE ACCESSIBLE AFTER THE APPLIANCE HAS BEEN BUILT IN. NEVER DISCONNECT THE PLUG BY PULLING ON THE CABLE.



IF THE POWER SUPPLY CABLE IS DAMAGED, CONTACT THE TECHNICAL SUPPORT SERVICE IMMEDIATELY AND THEY WILL REPLACE IT.



IT IS OBLIGATORY FOR ALL ELECTRICAL EQUIPMENT TO BE EARTHED ACCORDING TO THE METHODS LAID DOWN BY SAFETY REGULATIONS.



IMMEDIATELY AFTER INSTALLATION, CARRY OUT A BRIEF INSPECTION TEST, FOLLOWING THE INSTRUCTIONS BELOW. SHOULD THE APPLIANCE NOT FUNCTION, DISCONNECT IT FROM THE POWER SUPPLY AND CALL THE NEAREST TECHNICAL SUPPORT CENTRE.

NEVER ATTEMPT TO REPAIR THE APPLIANCE.



DURING USE THE APPLIANCE BECOMES VERY HOT. TAKE CARE NOT TO TOUCH THE HEATING ELEMENTS.



THE USE OF THIS APPLIANCE IS NOT PERMITTED TO PEOPLE (INCLUDING CHILDREN) OF REDUCED PHYSICAL AND MENTAL ABILITY, OR LACKING IN EXPERIENCE IN THE USE OF ELECTRICAL APPLIANCES, UNLESS THEY ARE SUPERVISED OR INSTRUCTED BY ADULTS OR PEOPLE RESPONSIBLE FOR THEIR SAFETY.







DO NOT LET CHILDREN GO NEAR THE APPLIANCE WHEN IT IS IN OPERATION OR PLAY WITH IT AT ANY TIME.



DO NOT INSERT POINTED METAL OBJECTS (CUTLERY OR UTENSILS) INTO THE SLITS IN THE APPLIANCE.



DO NOT USE STEAM JETS FOR CLEANING THE APPLIANCE.
THE STEAM COULD REACH THE ELECTRONICS, DAMAGING THEM AND CAUSING SHORT-CIRCUITS.



DO NOT MODIFY THIS APPLIANCE.



DO NOT SPRAY ANY SPRAY PRODUCTS NEAR THE ELECTRICAL APPLIANCE WHILE IT IS IN OPERATION.

DO NOT USE SPRAY PRODUCTS WHILE THE PRODUCT IS STILL HOT.



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



Instructions for disposal



3. ENVIRONMENTAL RESPONSIBILITY

3.1 Our environmental responsibility



Pursuant to Directives 2002/95/EC, 2002/96/EC and 2003/108/EC relating to the reduction of the use of hazardous substances in electrical and electronic appliances, as well as to the disposal of refuse, the crossed out bin symbol on the appliance indicates that the product, at the end of its useful life, must be collected separately from other refuse. Therefore, the user must consign the product that has reached the end of its working life to the appropriate selective collection centres for electrical and electronic refuse, or deliver it back to the retailer when purchasing an equivalent product, on a one for one basis. Adequate differentiated collection for the subsequent forwarding of the decommissioned product to recycling, processing and ecologically compatible disposal contributes to avoiding possible negative effects on the environment and on health, and promotes recycling of the appliance's constituent materials. The illicit disposal of the product by the user results in the application of administrative sanctions.

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

3.2 Your environmental responsibility

Our product's packaging is made of non-polluting materials, therefore compatible with the environment and recyclable. Please help by disposing of the packaging correctly. You can obtain the addresses of collection, recycling and disposal centres from your retailer or from the competent local organisations.



Do not discard the packaging or any part of it, or leave it unattended. It can constitute a suffocation hazard for children, especially the plastic bags.

Your old appliance also needs to be disposed of correctly.

Important: hand over your appliance to the local agency authorised for the collection of household appliances no longer in use. Correct disposal enables intelligent recovery of valuable materials.

Before disposing of your appliance it is important to remove doors and leave shelves in the same position as for use, to ensure that children cannot accidentally become trapped inside during play. It is also necessary to cut the connecting cable to the power supply, removing it along with the plug.





4. DESCRIPTION OF CONTROLS

4.1 Control zone

All the hob controls are grouped together at the centre front.

CONTROL ZONE



KNOB DESCRIPTION

To light the flame, press the knob and, at the same time, turn it anticlockwise to the maximum flame symbol **6**.

To adjust the flame, turn the knob to the zone between the maximum **a** and minimum **b** settings.



To turn off the burner, turn the knob to the zero position to the symbol.



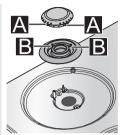


5. USING THE HOB



Make sure that the burners, flame-spreader crowns and racks are fitted correctly.

The notches **A** of the flame-spreader crowns must be inserted into the housings **B** of the burner. The igniter and thermocouple on the hob should fit into the 2 holes on the burner.



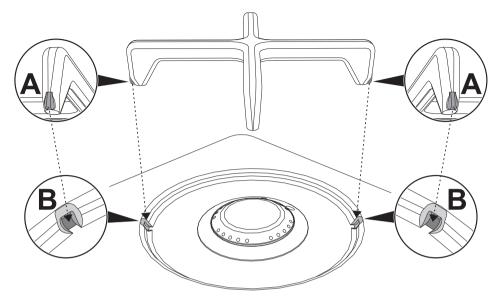
5.1 Positioning the racks

The racks are provided unassembled on the hob. To position each rack correctly on its burner, follow the instructions below:



Each rack must be positioned on the corresponding burner in order to guarantee proper operation. Be very careful to match the different central diameters of the racks to the flame-spreader crowns.





All the racks have two reference notches (A).

To position the racks correctly, align the reference notches (\mathbf{A}) with the cavities (\mathbf{B}) on the hob.

After positioning, check that the rack feet are all resting on the same level.



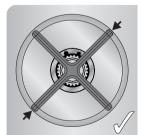
Make sure that the racks are simply centred on their respective burners, without forcing the burners to be raised or tilted. If they are, repeat the positioning procedure.







INCORRECT



CORRECT





5.2 Lighting the burners using a safety device



The appliance is equipped with electronic ignition. Simply press the knob and simultaneously turn it anticlockwise to the minimum flame symbol , until it lights. Hold down the knob for about 2 seconds to keep the flame lit and to activate the safety device. The burner may go out when the knob is released. If this happens, repeat the procedure, holding the knob down for longer.



If the burners should go out accidentally, after about 20 seconds a safety device will be tripped, cutting off the gas supply, even if the gas tap is open.

5.3 Practical tips for using the burners

For better burner performance and minimum gas consumption, pans with flat, even bases and with lids should be used, and their size should be in proportion to the burner (see "5.4 Pan diameters").



During cooking, in order to avoid burns or damage to the hob top, all pans or griddles must be positioned inside the outer edge of the hob and at a minimum distance of **5-7** cm must be maintained from the knobs.



If the burner flame accidentally goes out, turn off the control knob and wait at least 1 minute before trying to re-light the burner.

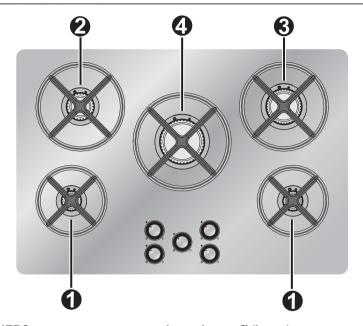






5.4 Pan diameters





BURNERS

min. and max. Ø (in cm)

1	Auxiliary	7-18
2.	Semi-rapid	10-24
3	Medium Rapid	18-24
4	Large Rapid	20-26





6. CLEANING AND MAINTENANCE



Before performing any operations requiring access to powered parts, disconnect the appliance from the power supply.

6.1 Cleaning the hob



To keep the hob in good condition it should be cleaned regularly after use. Let it cool first.

6.1.1 Ordinary daily cleaning

To clean and preserve the stainless steel surfaces, always use only specific products that do not contain abrasives or chlorine-based acids.

How to use: pour the product onto a damp cloth and wipe the surface, rinse thoroughly and dry with a soft cloth or chamois leather.

6.1.2 Food stains or residues

Do not use metallic sponges or sharp scrapers: they will damage the surface.



Use ordinary non-abrasive products for steel, together with antiscratch sponges and wooden or plastic utensils if necessary.



Rinse thoroughly and dry with a soft cloth or chamois leather.





6.2 Cleaning the components

6.2.1 Knobs

The knobs should be cleaned with a soft cloth dampened with lukewarm water, then dried carefully. For easier cleaning they can be removed by pulling them upwards.



Do not use aggressive products containing alcohol or products for cleaning steel and glass when cleaning the knobs, as these products could cause permanent damage.

6.2.2 Racks

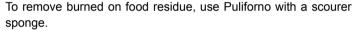
Remove the racks and clean them with lukewarm water and nonabrasive detergent, making sure to remove any encrustations. Replace them on the cooking hob.

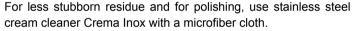


These components must not be washed in the dishwasher.

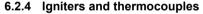
6.2.3 Flame-spreader crowns

The flame-spreader crowns are removable. Wash them with lukewarm water and non-abrasive detergent, making sure to remove any encrustations.





After cleaning ensure they are **perfectly dry** and reposition them correctly.



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.







7. POSITIONING IN THE COUNTER TOP

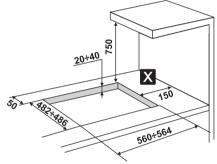


The following operation requires building and/or carpentry work so must be carried out by a competent tradesman.

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

7.1 Fixing to the supporting structure

Create an opening with the dimensions shown in the figure in the top surface of the counter, keeping a minimum distance of **50 mm** from the rear edge. This appliance can be mounted against walls higher than the work surface on condition that a distance of "X" be kept between the appliance and the wall as shown in the figure so as to avoid damage from overheating. Make sure that there is a minimum distance of **750 mm** between the hob and any shelf that may be installed directly above it.





Do not use aggressive products containing alcohol or products for cleaning steel and glass when cleaning the knobs, as these products could cause permanent damage.

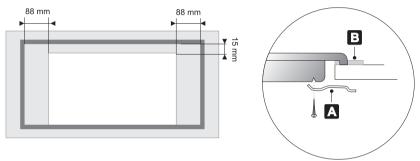


If installing over an empty kitchen unit with doors, a separation panel must be placed under the hob. Keep a minimum distance of 10 mm between the bottom of the appliance and the surface of the panel, which must be easily extractable to allow sufficient access for any technical assistance.

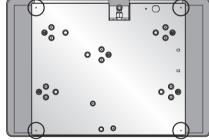




Carefully position the supplied insulating seal on the outer perimeter of the hole made in the counter top as shown in the figures below, trying to make it stick on the entire surface by applying light pressure on it with your hands. Depending on the hob model being installed refer to the dimensions in the figure, bearing in mind that for both models the long front side must brush against the hole. Fix the hob to the unit using the appropriate brackets **A** supplied. Carefully trim the surplus away from edge **B** beyond the seal. The dimensions given in the following drawing refer from the hole **to the inside** of the seal.



The figure to the side shows the exact holes to be used to correctly attach the hob to the work surface with brackets.





IMPORTANT: If installing the hob over an oven, ensure that the latter is equipped with a cooling fan.





8. ELECTRICAL CONNECTION



Make sure that the voltage and capacity of the power supply line conform to the data shown on the plate located under the casing. **Do not remove this plate for any reason**.



The plug at the end of the supply cable and the wall socket must be of the same type and must conform to the applicable legislation on electrical installations. Make sure that the supply line is suitably earthed.



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



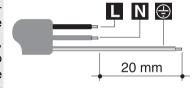
Fit the power supply line with an omnipolar circuit breaker with a contact opening gap equal to or greater than 3 mm in an easily accessible position close to the appliance.



Avoid use of adapters and shunts.



If the power cable is replaced, the cross-section of wires in the new cable must be no less than $0.75~\text{mm}^2$ (3 x 0.75~cable), remembering that the end for connection to the appliance must have an earth wire (yellow/green) which is at least 20 mm longer.



Only use a H05V2V2-F or similar cable resistant to the maximum temperature of 90°C. Its replacement must be carried out be a specialised technician who must carry out the connection to the power grid following the diagram below.

L = brown

N = blue





The power supply cable must be replaced by an authorised service centre to prevent any risks.



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





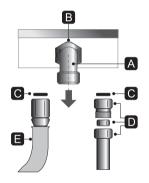
9. GAS CONNECTION

If the appliance is installed on an oven, you must avoid running the gas tube round the back of the oven in order to avoid overheating.

Connection to the gas supply network can be made using a rigid copper hose or a flexible steel hose with a continuous wall and in compliance with the guidelines established by the applicable standard. To facilitate the connection, connector **A** on the back of the appliance can be orientated laterally; loosen hexagonal nut **B**, twist connector **A** into the desired position then retighten hexagonal nut **B** (it is sealed with a rubber gasket). Once the operation is complete, check the hose fittings for leaks using a soapy solution; never use a flame. The hob is preset for natural gas G20 (2H) at a pressure of 20 mbar. To set it up for supply using other types of gas, see Chapter "10. ADAPTATION TO DIFFERENT TYPES OF GAS". The gas inlet connection is threaded ½" for external gas (ISO 228-1).

Connection with a rigid copper hose: The connection to the gas supply network must be made in such a way that it does not cause stresses of any type on the appliance. The connection can be made using the adapter unit **D** with double cone, always inserting gasket **C** (provided) in between.

Connection with a flexible steel hose: use only continuous wall stainless steel hoses that comply with the applicable standards, making sure to always insert gasket C (provided) between connector A and flexible hose B.





Installation with flexible hose must be carried out so that the length of the piping does not exceed 2 metres when fully extended; make sure that the hoses do not come into contact with moving parts and that they are not crushed in any way.





9.1 Connection to liquid gas



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

Make sure that the supply pressure complies with the values indicated in the paragraph "10.3 Burner and nozzle characteristics tables".

9.2 Room ventilation



The room containing the appliance should have an air supply in accordance with the standards in force. The room where the appliance is installed must have enough air flow needed for the regular combustion of gas and the necessary air change in the room itself. The air vents, protected by grills, 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.

9.3 Extraction of the combustion products



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 distances indicated by the regulations. When the job is complete, the installer must issue a certificate of conformity.





10. ADAPTATION TO DIFFERENT TYPES OF GAS



Before carrying out the following operations, disconnect the appliance from the power supply.

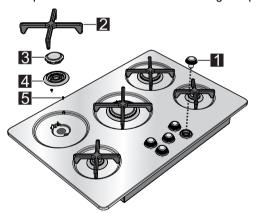
The hob is preset for natural gas G20 (2H) at a pressure of 20 mbar. If other types of gas are to be used, the nozzles must be replaced and the primary air must be adjusted.

In order to replace the nozzles and adjust the burners, the hob top must be removed as described below.

10.1 Removing the hob top

Remove all the burner components, following the numerical sequence in the figures below:

- Take out all the knobs (1) by pulling them upwards;
- · Remove the racks (2) by lifting them upwards;
- Lift all the burner components off the hob (3 4);
- Unscrew the screws (5) that secure the burner supports;
- Having removed all the components described above, lift the hob top upwards to access the burners and gas taps.



10.2 Replacement of the cooking hob nozzles

Unscrew screw **C** and push air regulator **D** as far as it will go. Using a 7-mm wrench, remove nozzle **E** and replace it with the appropriate nozzle, following the instructions in the tables for the type of gas to be used. The nozzle tightening torque must be no more than **3 Nm**. Adjust the air by sliding regulator **D** until distance "**X**" is reached, as indicated in the table in paragraph "10.4 Primary air adjustment".

Lock regulator **D** by tightening screw **C**.







10.3 Burner and nozzle characteristics tables

Burner	Rated heating capacity (kW)	LPG – G30/G31 28/37 mbar			
		Nozzle diameter 1/100 mm	Reduced capacity (W)	Capacity g/h G30	Capacity g/h G31
Auxiliary	1.05	48	400	76	75
Semi-rapid	1.65	62	500	120	118
Medium Rapid	2.5	76	750	182	179
Large Rapid	3.4	87	1050	247	243

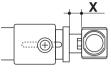
Burner	Rated heating capacity (kW)	Natural gas – G20 20 mbar		
		Nozzle diameter 1/100 mm	Reduced capacity (W)	
Auxiliary	1.05	76	400	
Semi-rapid	1.7	95	500	
Medium Rapid	2.6	117	750	
Large Rapid	3.5	135	1050	





10.4 Primary air adjustment

Refers to distance "X" in mm.



BURNER	G30/G31 28/37 mbar	G20 20 mbar
Auxiliary	7	1
Semi-rapid	2	0.5
Medium Rapid	2	1
Large Rapid	10	1.5

To identify the burners on your hob, please refer to the illustrations in paragraph "10.7 Arrangement of the burners on the hob".



If having adjusted the air the flame appears as illustrated in the figure:



the following modifications must be made:

A: the flame is "noisy", unstable or "detaches" from the burner: the primary air is too high.

B: The flame is opaque, dull or has yellow tips and "wraps around" the burner: the primary air is too low.

C: The flame is blue, clear and stable, does not "detach" or "wrap around" the burner: the air is adjusted correctly.

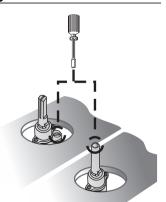
10.5 Adjusting the minimum for natural gas

Reposition the components on the burner and slide the knobs onto the tap rods.

Light the burner and set it to the minimum position \bullet .

Extract the knob again and turn the adjustment screw inside or next to the tap rod (depending on the model) until the correct minimum flame is achieved.

Refit the knob and verify that the burner flame is stable (when turning the knob rapidly from the maximum to the minimum position the flame must not go out).







10.6 Adjusting the minimum setting for LPG

To adjust the minimum setting with LPG, you must tighten the screw inside or next to the tap rod (depending on the model) fully in a clockwise direction.

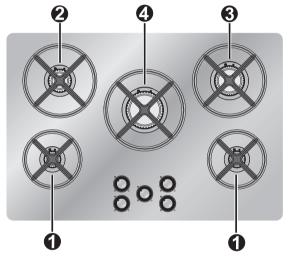
The diameters of the by-passes for the individual burners are given in the table "10.3 Burner and nozzle characteristics tables".



After adjustment with a gas other than the preset one, replace the label on the casing of the appliance with the label corresponding to the new gas. The label is inserted inside the pack together with the nozzles.

10.7 Arrangement of the burners on the hob





Type of burner

- 1 Auxiliary
- 2. Semi-rapid
- 3 Medium Rapid
- 4 Large Rapid

10.8 Lubrication of gas taps



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

This procedure must be carried out by a specialised technician.