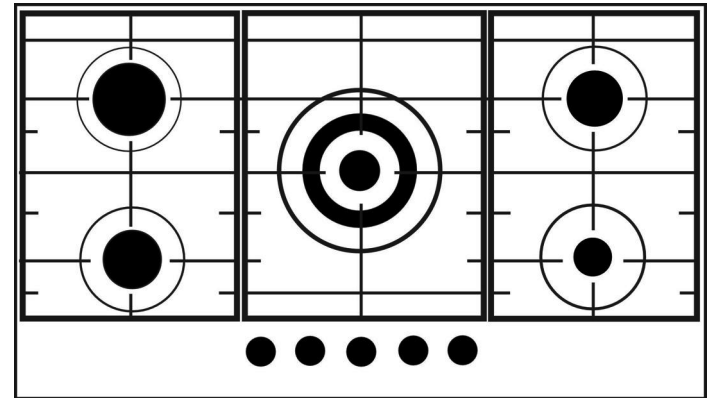


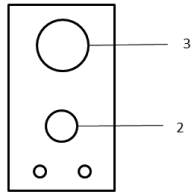
Instruction Manual



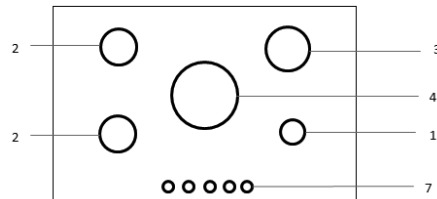
MGBH900GB90GE

Congratulations on choosing appliance, which you will find is dependable and easy to use. We recommend that you read this manual for best performance and to extend the life of your appliance. Thank you.

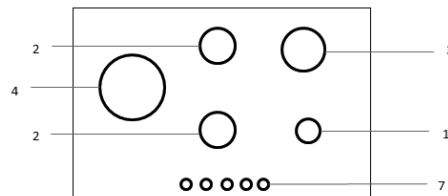
Close-up View



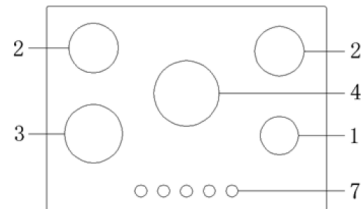
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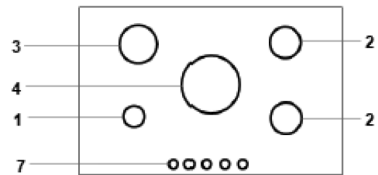
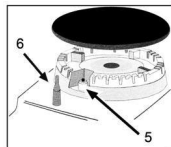
MGBH915GB83GE



MGBH915XS51GE / MGBH915GB82GE



MGBH915XS52GE / MGBH915XS53GE



1. Auxiliary Gas Burners
2. Semi-rapid burner
3. Rapid burner
4. Triple ring burner
5. Ignitor for Gas Burners (only on certain models)
6. Safety Device (only on certain models) - Activates if the flame accidentally goes out (spills, drafts, etc.), interrupting the delivery of gas to the burner.
7. Control Knobs for Gas Burners

	G31	29	0.85	195	—	3.0	2580	1.1	946
	G30	29	0.85	195	—	3.0	2580	1.1	946
	G30	37	0.81	195	—	3.0	2580	1.1	946
	G30	50	0.77	195	—	3.0	2580	1.1	946
Triple-ring (3.6kW)	Natural G20	20	1.43	—	342.7	3.6	3096	1.8	1548
	G31	29	0.95	260	—	3.6	3096	1.8	1548
	G30	29	0.95	260	—	3.6	3096	1.8	1548
	G30	37	0.89	260	—	3.6	3096	1.8	1548
	G30	50	0.84	260	—	3.6	3096	1.8	1548

APPLIANCE MARKING

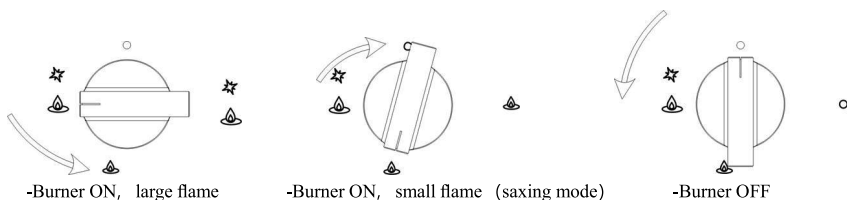


Fig.8

See also fig.8 for various operating options(flame size selection); the burner should be set at a large flame during the initial phase of cooking to bring the food to boiling, and then the knob should be turned to the saving flame position to maintain the cooking. It is also possible to adjust the flame size stepless.

It is prohibited to adjust the flame in the range between the Burner OFF and Burner ON large flame positions.

Significant quantities of energy can be saved if the appliance is used correctly, parameters set correctly, and appropriate cookware is used. The savings can be as follows:

- Up to 60 per cent savings when proper pots are used,
- Up to 60 per cent savings when the unit is operated correctly and the suitable flame size is chosen..

It is a prerequisite for efficient and energy-saving operation of the cooktop that the burners are kept clean at all times (in particular the flame slots and nozzles).

TABLE 2: Adapting to different types of gas

Burner	Type of Gas	Pressure	Nozzle diameter	Nominal Charge				Reduced Charge	
		mbar	1/100mm	g/h	l/h	kW	kcal/h	kW	kcal/h
Auxiliary	Natural G20	20	0.78	—	95.2	1.0	860	0.5	430
	G31	29	0.5	72	—	1.0	860	0.5	430
	G30	29	0.5	72	—	1.0	860	0.5	430
	G30	37	0.47	72	—	1.0	860	0.5	430
	G30	50	0.45	72	—	1.0	860	0.5	430
Semi-rapid	Natural G20	20	1.03	—	171.4	1.8	1548	0.8	688
	G31	29	0.67	126	—	1.8	1548	0.8	688
	G30	29	0.67	126	—	1.8	1548	0.8	688
	G30	37	0.62	126	—	1.8	1548	0.8	688
	G30	50	0.59	126	—	1.8	1548	0.8	688
Rapid	Natural G20	20	1.28	—	285.6	3.0	2580	1.1	946

NOTICE

The stainless steel grease pan and the cast-iron grill, located in the burner and grate packing box, must be installed, respectively, below and above the electric heating element so that tile element is enclosed between the two.

The product complies with COMMISSION REGULATION (EU) No 66/2014. In terms of the calculation formula, please refer to the directive. The testing method is performed based on the directive EN 30-2-1 :

1998+A1 : 2003+A2:2005 (If it is regulated by the government, the relevant testing method would be done accordingly). Please refer to the product label for the detail concerning the testing figures

In order to reduce the unnecessary waste and control the impact by the combustion, please save the energy and adjust the gas consumption according to the necessity.

The specialized technician should avoid any damage and deformation of every component when he repairs the product. The change of relevant components must be done by the authorized technician under the guidelines by the manufacturers and distributors. This is a necessary way to avoid the working efficiency impacted.

How To Use Your Appliance

The position of the corresponding gas burner or electric hot plate (if present) is indicated on each control knob.

Gas Burners

The burners differ in size and power. Choose the most appropriate one for the diameter of the cookware being used.

The burner can be regulated with the corresponding control knob by using one of the following settings:

- OFF
- ★ High
- Low

To turn on one of the burners, place a lighted match or lighter near the burner, press the knob all the way in and turn in the counter-clockwise direction to the "High" setting.

On those models fitted with a safety device (F), the knob must be pressed in for about 6 seconds, until the device that keeps the flame lighted warms up.

On those models fitted with an ignitor (D), the "E" ignition button, identified by the ★ symbol, must first be pressed and then the corresponding knob pushed all the way in and turned in the counter-clockwise direction to the "High" setting.

Some models are equipped with an ignition switch incorporated into the control knob. If this is the case, the ignitor (D) is present, but not the "E" switch (the ★ symbol is located near each knob).

To light a burner, simply press the corresponding knob all the way in and, then, turn it in the counter-clockwise direction to the High setting, keeping it pressed in until the burner lights.

Caution: If the burner accidentally goes out, turn off the gas with the control knob and try to light it again

after waiting at least 1 minute.

To turn off a burner, turn the knob in the clockwise direction until it stops (it should be on the "." setting).

Electric Hot Plates (only on certain models)

The hot plates vary in diameter and power: "normal" and "fast". The latter can be identified by a red boss in the center of the hot plate itself.

The hot plate can be regulated by turning the corresponding knob in the clockwise or counter-clockwise direction to any one of the 6 different settings:

- 0 OFF
- 1 Low
- 2-5 Medium
- 6 High

The section entitled, "Practical Cooking Advise", provides information on the recommended settings for various types of food or cooking processes.

When the knob is on any of the settings other than "OFF", the "H" operating light comes on. **Cooktop Broiler** (only on certain models)

The broiler can be regulated by turning the corresponding knob in the clockwise or counter-clockwise direction to any of the 12 possible settings:

- 0 OFF
- 1 Low
- 2-11 Medium
- 12 High


When the knob is on any of the settings other than "OFF", the "H" operating light comes on.

How to Keep Your Cooktop in Shape

Before cleaning or performing maintenance on your appliance, disconnect it from the electrical power supply.

To extend the life of the cooktop, it is absolutely indispensable that it be cleaned carefully and thoroughly on a frequent basis, keeping in mind the following:

- The enameled parts and the glass top, if present, must be washed with warm water without using abrasive powders or corrosive substances which could ruin them;
- The removable parts of the burners should be washed frequently with warm water and soap, making sure to remove caked-on substances;
- On cooktops with automatic ignition, the end of the electronic ignition device must be cleaned carefully and frequently, making sure that the gas holes are not clogged;
- The electric hobs should be cleaned using a damp cloth and then rubbed with oil while still warm;
- Stainless steel can be stained if it remains in contact with highly calcareous water or aggressive detergents (containing phosphorous) for an extended period of time, it is recommended that these parts be rinsed thoroughly with water and then dried well, It is also a good idea to clean up any spills;
- Before using the ceramic glass module, the surface must be cleaned, using a damp cloth to remove dust or food residues. The ceramic glass surface should be cleaned regularly with a solution of warm water and a non-abrasive detergent, Periodically, special products will need to be used to clean the surface. First, remove all food buildup or grease with a cleaning scraper, e.g.

CERA  (not supplied) (Fig. 1).

Clean the cooking surface when it is still warm with a suitable cleaning product and paper towels. Then

the new nozzle, suitable for the required gas type (see table above for reference).

After you have converted the cooktop to another gas type, make sure you have placed a label containing that information on the appliance.

Adjustment of the reduced valve flow

Table2

Burners	Flame	Converting the cooktop from LPG to natural gas	Converting the Cooktop from natural Gas to LPG
Regular burners	Full flame	Replace the burner Nozzle according To the guidelines in table 1	Replace the burner Nozzle according to the guidelines in table 1
	Saving flame	Loosen the adjustment Spindle (see fig.7 below) And adjust the flame	Loosen the adjustment Spindle (see fig.7 below) And adjust the flame

Valve adjustment

Valve adjustment should be done with the control knob set at Burner ON saving flame position.

Remove the knob, and adjust the flame with a tiny screwdriver (see fig.7 below).

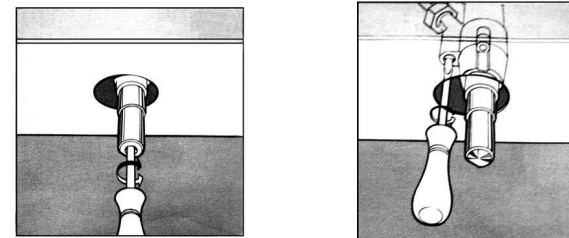


Fig.7

Checking the adjusted flame: heat the burner at full open position for 10 minutes. Then turn the knob into the saving setting. The flame should not extinguish nor move to the nozzle. If it goes off or moves over to the nozzle, readjust the valves.

Note.

It is up to the user to request converting the appliance to another gas type if so required by the local conditions at a licensed gas fitter/ service.

Flame selection

At the burners adjusted correctly, the flames should be light blue, and the inner cone should be clearly visible. The size of flame depends on the position of the related burner control knob.


Fit the supply cord with a standard plug for the demand rate indicated on the rating plate or connect it directly to the electrical mains. In the latter case, a single pole switch must be placed between the appliance and the mains, with a minimum opening between the contacts of 3 mm in compliance with current safety codes (the earthing wire must not be interrupted by the switch). The power supply cord must be positioned so that it does not reach a temperature in excess of 50°C above room temperature at any point.

Before actual connection make sure that:

- The fuse and electrical system can withstand the load required by the appliance;
- That the electrical supply system is equipped with an efficient earth hook-up according to the norms and regulations prescribed by law;
- That the plug or switch are easily accessible.

Important: the wires in the mains lead are coloured in accordance with the following code:

Green & Yellow - **Earth**
 Blue - **Neutral**
 Brown - **Live**

As the colours of the wires in the mains lead may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: Connect the Green & Yellow wire to terminal marked "E" or  or coloured Green or Green & Yellow.

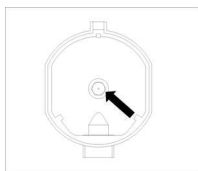
Connect the Brown wire to the terminal marked "L" or coloured Red.

Connect the Blue wire to the terminal marked "N" or coloured Black.

Adapting the Cooktop for Different Types of Gas

Table1 **Burners and Nozzle Specifications**

Burner	G20		G31		G30-29		G30-37		G30-50	
	Thermal power (kW)	Nozzle 1/100 (mm)	Thermal power (kW)	Nozzle 1/100 (mm)	Thermal power (kW)	Nozzle 1/100 (mm)	Thermal power (kW)	Nozzle 1/100 (mm)	Thermal power (kW)	Nozzle 1/100 (mm)
Auxiliary (Small) (A)	1.0	0.78	1.0	0.5	1.0	0.5	1.0	0.47	1.0	0.45
Semi rapid (Medium)	1.8	1.03	1.8	0.67	1.8	0.67	1.8	0.62	1.8	0.59
Rapid (R)	3.0	1.28	3.0	0.85	3.0	0.85	3.0	0.81	3.0	0.77
Triple Ring	3.6	1.43	3.6	0.95	3.6	0.95	3.6	0.89	3.6	0.84



Replacement of burner nozzle: loosen the nozzle with a dedicated wrench(7).Fit

rub with a damp cloth and dry. Aluminum foil, plastic items, objects made of synthetic material, sugar or foods with a high sugar content that have melted onto the surface must be removed **immediately** with a scraper while the cooking surface is still hot. Special cleaning products for ceramic glass surfaces form a transparent protective layer which fights dirty buildup. This also protects the surface from damage caused by food with a high sugar content. Do not use abrasive sponges or cleaning products under any circumstances. This holds

true for chemically aggressive cleaners, like oven sprays and stain removers (Fig.2);

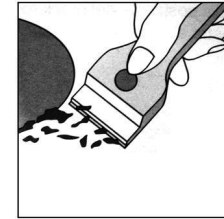


Fig.1



Fig.2

- When cleaning the grill, it is recommended that you do so while it is still hot, using the handles provided to move it from the cooktop to the sink. To remove the pan beneath the grill, it is a good idea to wait until the heating element has cooled (roughly after 15 minutes)

Greasing the Gas Valves

Over time, the gas valves may stick or become difficult to turn. If this is the case, they must be cleaned on the inside and regreased,

N.B.: This procedure must be performed by a technician authorized by the manufacturer.

Practical Advice

Practical Advice on Using the Burners

For best performance, follow these general guidelines:

- Use the appropriate cookware for each burner (see table) in order to prevent the flame from reaching the sides of the pot or pan;
- Always use cookware with a flat bottom and keep the lid on;
- When the contents come to a boil, turn the knob to "Low".

Burner	Ø Cookware diameter (cm)
Fast (R)	24 - 26
Reduced Fast (RR)	24 - 26
Semi Fast (S)	16 - 20
Auxiliary (A)	10- 14
Semi-Fishburner (SP)	16 - 20
Triple Crown (TC)	24 - 26

To identify the type of burner, refer to the designs in the section entitled, "Burner and Nozzle Specifications".

Practical Advice on Using the Half Fish-Kettle Burner

The two central burners, or Half Fish-Kettle burners, are elliptic in form and can be turned up to 90°. This makes the cooktop more flexible in terms of how it can be used.

To turn the two central burners 90°, proceed as follows:

- Make sure that the burners are cool;
- Lift the burner completely out of its housing;
- Replace it in its housing in the position desired;
- Make sure that the burners are positioned correctly before use.

In addition, the two central burners can be used in tandem or separately with cookware of different shapes and sizes:

- Double burner for a fish-kettle or oval cookware (Fig. A).
- Double burner for a griddle or rectangular/square cookware with minimum dimensions of 28x28 cm (Fig. B)
- Double burner for large cookware (diameter of 26-28cm) (Fig. C).
- Single burner for medium size cookware (diameter of 16-20 cm) (Fig. D).

Practical Advice on Using the Electric Hot Plates

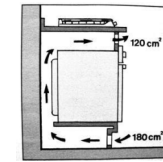
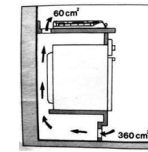
In order to avoid heat loss and damage to the hot plate, use cookware with a flat bottom the diameter of which is not less than that of the hot plate.

Setting	Normal or Fast Plate
0	OFF
1	Cooking vegetables, fish
2	Cooking potatoes (using steam) soups, chickpeas, beans.
3	Continuing the cooking of large quantities of food, minestrone
4	For roasting (average)
5	For roasting (above average)
6	For browning and reaching a boil in a short time.

Practical Advice on Using the Broiler

Preheat the broiler by turning the knob to 12. Settings 1-8 are recommended for reheating food or for keeping it warm after it has been cooked. In general, cooling vegetables can cause stains which are difficult to remove.

Food	Weight(kg)	Knob Setting	Preheating(min)	Cooking Time(mm)
Pork Chops	0.5	12	5	15
		10		20
Steak	0.6	12	5	10
Sausages	0.45	10	5	20
Shish Kabobs(meat)	0.4	12	5	14
Hamburgers	0.4	10	5	15
Toasted Sandwiches	No.3	11	5	2



Gas connection for gas hob

The Cooker should be connected to the gas-supply by a corgi registered installer. During installation of this product it is essential to fit an approved gas tap to isolate the supply from the appliance for the convenience of any subsequent removal or servicing. Connection of the appliance to the gas mains or liquid gas must be carried out according to the prescribed regulation in force, and only after it is ascertained that it is adaptable to the type of gas to be used. If not, follow the instructions indicated in the paragraph headed "Adaptation to different gas types". In

the case of connection to liquid gas, by tank, use pressure regulators that conform to the regulation in force.

Important: For safety, for the correct regulation of gas use and long life of the appliance, ensure that the gas pressure conforms to the indications given in table 1 "Nozzle and burner characteristics".

Connection to non-flexible tube

(copper or steel)

Connection to the gas source must be done in such a way as to not create any stress points at any part of the appliance.

The appliance is fitted with an adjustable, "L" shaped connector and a gasket for the attachment to the gas supply.

Should this connector have to be turned, the gasket must be replaced (supplied with the appliance).

The feeding connector of the gas to the appliance is threaded 1/2 gas male cylinder.

Connection to flexible steel tube

The gas feed connector to the appliance is a threaded, male 1/2" connector for round gas pipe. Only use pipes and sealing gaskets that conform to the standards currently in force. The maximum length of the flexible pipes must not exceed 2000 mm. Once the connection has been made, ensure that the flexible metal tube does not touch any moving parts and is not crushed.

Check the Seal

Once the appliance has been installed, make sure all the connections are properly sealed, using a soapy water solution. Never use a flame.

Electrical Connection

The cooktops fitted with a tripolar electrical supply cord are designed to be used with alternating current according to the indications on the rating plate located under the cooktop. The earthing wire can be identified by its yellow-green colour.

In the case of installation over a built-in electric oven, the electrical connections for the cooktop and oven should be independent, not only for safety purposes, but also to facilitate removal of one or both in the future.

Electrical Connection for Gas Cooktop

Bread	3 Slices	11	5	3
Aubergines	3 Slices	12	5	5-7
Oven-roasted Tomatoes	No.4	12	5	10-15

Model	Cut out Dim. (L X D)
MGBH302XS21GE	478x266mm
MGBH915XS51GE	827X470mm
MGBH915GB81GE	827X470mm
MGBH915GB82GE	827X470mm
MGBH915GB83GE	827X470mm
MGBH915XS52GE	827X470mm
MGBH915XS53GE	827X470mm

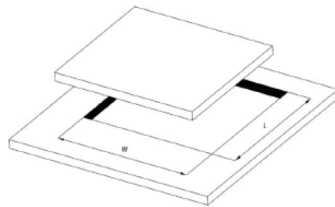
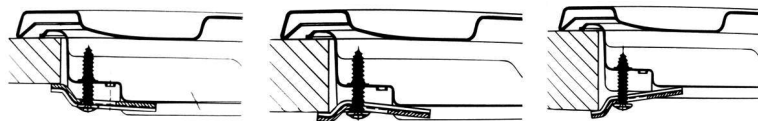


Fig.6



Hook position for
H=30mm top

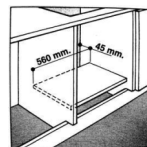
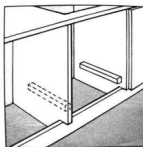
Hook position for
H=40mm top

Hook position for
H=20mm top

N.B: Use the hook contained in the "accessoires set"

f) In the event the cooktop is not installed above a built-in oven, a wood panel must be inserted as insulation. This panel must be placed at least 20 mm from the bottom of the cooktop itself.

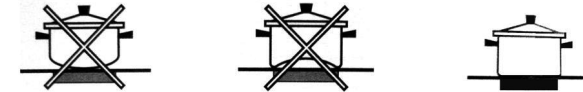
Important: When installing the hob above a built-in oven, the oven should be placed on two wooden strips; in the case of a joining cabinet surface, remember to leave a space of at least 45 x 560 mm at the back.



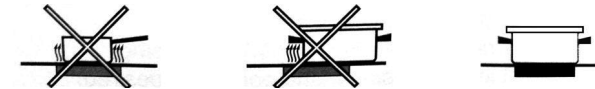
When installing on a built-in oven without forced ventilation, ensure that there are air inlets and outlets for ventilating the interior of the cabinet adequately.

For best performance, keep in mind the following:

- All types of casseroles can be used on the ceramic glass cooking surface. However, it is important that the bottom be perfectly flat. Casseroles with thicker bottoms distribute heat more evenly.



Use cookware the diameter of which is at least as large as the cooking area so that all of the heat produced by the heating element is used.



- Make sure that the bottom of tile pot is always dry and clean to insure good contact between the cookware and the cooking surface. This will also increase the life of the pots and of the ceramic glass surface as well.
- Do not use the same cookware that you use for gas burners because the concentrated heat they produce can deform the bottom of the pot. Therefore, you will not achieve best results when using these pots on the ceramic glass surface.

Notice: The glue used to seal the glass surface may leave traces on the appliance. We recommend that the module be cleaned with a non-abrasive cleaner before being used the first time. During the first few hours of use, you may detect the smell of rubber; this will disappear after a short time.

Is there a problem?

It may occur that the cooktop does not function or does not function properly. Before calling customer service for assistance, let's see what can be done.

First of all, check to see that there are no interruptions in the gas and electrical supplies, and, in particular, that the gas valves for the mains are open.

The burner does not light or the flame is not uniform around the burner.

Check to make sure that:

- The gas holes on the burner are not clogged;
- All of the movable parts that make up the burner are mounted correctly;
- There are no draughts around the cooking surface.

The flame does not stay lighted on the model with the safety device.

Check to make sure that:

- You press the knob all the way in;
- You keep the knob pressed in long enough to activate the safety device.

- The gas holes are not clogged in the area corresponding to the safety device.

The burner does not remain on when set to "Low".

Check to make sure that:

- The gas holes are not clogged.
- There are no draughts near tire cooking surface.
- Tile minimum has been adjusted correctly (see the section entitled, "Minimum Regulation").

The cookware is not stable.

Check to make sure that:

- The bottom of the cookware is perfectly flat.
- The cookware is centered correctly on the burner or electric hot plate.
- The support grids have not been inverted.

If, despite all of these checks, the cooktop does not function properly and problem persists, call the nearest Merloni Elettrodomestici Customer Service Centre informing them of:

--Tile type of problem.

--The abbreviation used to identify the model (Mod....) as indicated on tile warranty.

Never call upon technicians not authorized by the manufacturer, and refuse to accept spare parts that are not original.

Installation Instructions for built-in

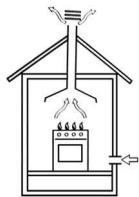
The following instructions are directed at the qualified installer so that the installation and maintenance procedures may be followed in the most professional and expert manner possible. **Important: Unplug the electrical connection before performing any maintenance or regulation upkeep work.**

Positioning for gas hob

Important: this unit may be installed and used only in permanently ventilated rooms according to the British Standards Codes Of Practice: B.S. 6172 / B.S. 5440, Par. 2 and B.S. 6891 Current Editions. The following requirements must be observed:

- a) The room must be fitted with a ventilation system which vents smoke and gases from combustion to the outside.

This must be done by means of a hood or electric ventilator that turns on automatically each time the hood is operated.



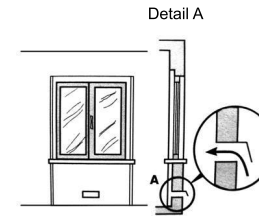
In a chimney stack or branched flue.
(exclusively for cooking appliances)



Directly to the Outside

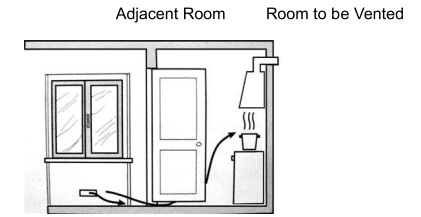
- b) The room must also allow for the influx of the air needed for proper combustion. The flow of air for combustion purposes must, not be less than 2 m³/h per kW of installed capacity. The supply of said air can be effected by means of direct influx from the outside through a duct with a inner cross section of at least 100cm² which must not be able to be accidentally blocked. Those appliances which are not fitted

with a safety device to prevent the flame from accidentally going out must have a ventilation opening twice the size otherwise required, i.e. a minimum of 200 cm²(Fig. 3). Otherwise, the room can be vented indirectly through adjacent rooms fitted with ventilation ducts to the outside as described above, as long as the adjacent rooms are not shared areas, bedrooms or present the risk of fire (Fig. 4).



Examples of ventilation holes for comburant air.

Fig.3



Enlarging the ventilation slot between window and floor

Fig.4

- c) Intensive and prolonged use of the appliance may necessitate supplemental ventilation, e.g. opening a Window or increasing the power of the air intake system (if present).
- d) Liquidified petroleum gases are heavier than air and, as a result, settle downwards. Rooms in which LPG tanks are installed must be fitted with ventilation openings to the outside in order to allow the gas to escape in the event of a leak. Therefore, LPG tanks, whether empty or partially full, must not be installed or stored in rooms or spaces below ground level (cellars, ect.). It is also a good idea to keep only the tank currently being used in the room, making sure that it is not near sources of heat (ovens, fireplaces, stoves, etc.) that could raise the internal temperature of the tank above 50°C.

Installation of built-in stove tops

The gas hobs are prepared with protection degree against excessive heating of type X, the appliance can therefore be installed next to cabinets, provided the height does not exceed that of the hob. For a correct installation of the cooking hob the following precautions must be followed:

- a) The hob may be located in a kitchen, a kitchen/diner or bed sitting room, but not in a bathroom or shower room.
- b) The furniture standing next to the unit, that is higher than the working boards, must be placed at least 110mm from the edge of the board.
- c) The cabinets should be positioned next to the hood at a height of at least 420 mm (Fig. 5).

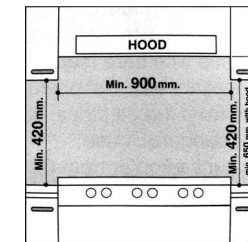


Fig.5

- d) Should the hob be installed directly under a cupboard the latter should be at least 700mm (millimetres) from the worktop, as shown in Fig. C.
- e) The dimensions of the room for the furniture must those indicated in the figures in the last two pages of the cover. Fixing hooks are provided which allow place the hob plate on work tops that measure 20 to 40 mm in thickness (see Fig. 6). To obtain a of the hob plate it is advisable to use all the fixing supplied.