

OPERATING AND INSTALLATION INSTRUCTIONS OF BUILT-IN GAS HOB

PART 2 SAFETY WARNINGS

READ THESE INSTRUCTIONS CAREFULLY AND COMPLETELY BEFORE USING YOUR APPLIANCE, AND KEEP IT IN A CONVENIENT PLACE FOR REFERENCE WHEN NECESSARY.

THIS MANUAL IS PREPARED FOR MORE THAN ONE MODEL IN COMMON. YOUR APPLIANCE MAY NOT HAVE SOME OF THE FEATURES THAT ARE EXPLAINED IN THIS MANUAL. PAY ATTENTION TO THE EXPRESSIONS THAT HAVE FIGURES, WHILE YOU ARE READING THE OPERATING MANUAL.

General Safety Warnings

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- **WARNING:** The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements. Children less than 8 years of age shall be kept away unless continuously supervised.
- **WARNING:** Unattended cooking on a hob with fat or oil can be dangerous and may result in fire. **NEVER** try to extinguish a fire with water, but switch off the appliance and then cover flame e.g. with a lid or a fire blanket.
- **WARNING:** Danger of fire: do not store items on the cooking surfaces.

- WARNING:** If the surface is cracked, switch off the appliance to avoid the possibility of electric shock.
- For hobs incorporating a lid, any spillage should be removed from the lid before opening. And also the hob surface should be allowed to cool before closing the lid.
- The appliance is not intended to be operated by means of an external timer or separate remote-control system.
- Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass and other surface since they can scratch the surface, which may result in shattering of the glass or damage to the surface.
- Do not use steam cleaners for cleaning the appliance.

- Your appliance is produced in accordance with all applicable local and international standards and regulations.
- Maintenance and repair work must be made only by authorized service technicians. Installation and repair work that is carried out by unauthorized technicians may endanger you. It is dangerous to alter or modify the specifications of the appliance in any way.
- Prior to installation, ensure that the local distribution conditions (nature of the gas and gas pressure or electricity voltage and frequency) and the requirements of the appliance are compatible. The requirements for this appliance are stated on the label.
- **CAUTION:** This appliance is designed only for cooking food and is intended for indoor domestic household use only and should not be used for any other purpose or in any other application, such as for non-domestic use or in a commercial environment or room heating.
- This appliance is not connected to a combustion products evacuation device. It shall be installed and connected in accordance with current installation regulations. Particular attention shall be given to the relevant requirements regarding ventilation.
- If after 15 s the burner has not lit, stop operating the device and open the compartment door and/or wait at least 1 min before attempting a further ignition of the burner.

- These instructions are only valid if the country symbol appears on the appliance. If the symbol does not appear on the appliance, it is necessary to refer to the technical instructions which will provide the necessary instructions concerning modification of the appliance to the conditions of use of the country.
- All possible security measures have been taken to ensure your safety. Since the glass may break, you should be careful while cleaning to avoid scratching. Avoid hitting or knocking on the glass with accessories.
- Ensure that the supply cord is not wedged during the installation. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to prevent a hazard.

Installation Warnings

- Do not operate the appliance before it is fully installed.
- The appliance must be installed by an authorized technician and put into use. The producer is not responsible for any damage that might be caused by defective placement and installation by unauthorized people.
- When you unpack the appliance, make sure that it is not damaged during transportation. In case of any defect; do not use the appliance and contact a qualified service agent immediately. As the materials used for packaging (nylon, staplers, styrofoam...etc) may cause harmful effects to children, they should be collected and removed immediately.
- Protect your appliance against atmospheric effects. Do not expose it to effects such as sun, rain, snow etc.
- The surrounding materials of the appliance (cabinet) must be able to withstand a temperature of min 100°C.

During usage

- Do not put flammable or combustible materials, in or near the appliance when it is operating.
- Do not leave the cooker while cooking with solid or liquid oils. They may catch fire on condition of extreme heating. Never pour water on to flames that are caused by oil. Cover the saucepan or frypan with its cover in order to choke the flame that has occurred in this case and turn the cooker off.
- Always position pans over the centre of the cooking zone, and turn the handles to a safe position so they cannot be knocked or grabbed.
- If you will not use the appliance for a long time, plug it off. Keep the main control switch off. Also when you do not use the appliance, keep the gas valve off.
- Make sure the appliance control knobs are always in the "0" (stop) position when it is not used.
- **CAUTION:** The use of a gas cooking appliance results in the production of heat, moisture and products of combustion in the room in which it is installed. Ensure that the kitchen is well ventilated especially when the appliance is in use, keep natural ventilation holes open or install a mechanical ventilation device (mechanical extractor hood).
- Prolonged intensive use of the appliance may call for additional ventilation, for example opening of a window, or more effective ventilation, for example increasing the level of mechanical ventilation where present.

During cleaning and maintenance

- Always turn the appliance off before operations such as cleaning or maintenance. You can do it after plugging the appliance off or turning the main switches off.
- Do not remove the control knobs to clean the control panel.

TO MAINTAIN THE EFFICIENCY AND SAFETY OF YOUR APPLIANCE, WE RECOMMEND YOU ALWAYS USE ORIGINAL SPARE PARTS AND TO CALL ONLY OUR AUTHORIZED SERVICE AGENTS IN CASE OF NEED.

INSTALLATION AND PREPARATIONS FOR USE

Important: This appliance must be installed by a qualified people according to the manufacturers installation instructions, local building regulations, gas authority codes and electrical wiring instructions.

Installation of your product

- Installation technicians must comply to current laws in force concerning ventilation and the evacuation of exhaust gases.
- Always disconnect the gas supply from the appliance before carrying out any maintenance operations or repairs.
- The appliance must be housed in heat-resistant units.
- These tops are designed to be embedded into kitchen fixtures measuring 600 mm in depth.
- The walls of the units must not be higher than work top and must be capable of resisting temperatures of 60 °C above room temperature.
- Do not install the appliance near inflammable materials (eg. Curtains).

Ventilation requirements

- For rooms with a volume of less than 5 m^3 - permanent ventilation of 100 mm^2 free area is required.

Location

- The appliance is designed and approved for domestic use only and should not be installed in a commercial, semi commercial or communal environment. Your product will not be guaranteed if installed in any of the above environments and could affect any third party or public liability insurances you may have.

Technical information for the installer

After removing the packaging material from the appliance and its accessories, ensure that the hob is not damaged. If you suspect any damage do not use the appliance and contact the store where you purchased this hob.

The appliance is supplied with an installation kit including adhesive sealing material and fixing brackets&screws are included with the appliance.

Prolonged intensive use of the appliance may call for additional ventilation, for example opening of a window, or more effective ventilation, for example increasing the level of mechanical ventilation where present.

- Cut the aperture dimensions as indicated in Figure - 1. Locate the aperture on the worktop such that after the hob is installed the following requirements are ensured;
- 100mm from edge of cooker to combustible materials
- 700mm underside of overhead cupboards, shelving
- 750mm underside of overhead extractor fans.
- Apply the adhesive sealing material "C" all the way round the aperture on the worktop to match the outer perimeter edge of the appliance. Ensure that the junctions overlap at the corners and no gap is left along the sealing material.

Brackets of Type-1

Insert the appliance into the aperture and fix in position via the brackets (A) and screws (B). Adjust the position of the brackets depending on the thickness of the worktop as indicated in Figure-2 and tighten the screws evenly.

Brackets of Type-2

Fix the brackets (A) via the screws (B) on the bottom cover of the appliance as shown in Figure-3. Insert the appliance into the aperture and apply pressure on the cooktop, ensure the appliance is positioned tightly.

Gas connection

The connection of the appliance should be performed in accordance with local and international standards and regulations applicable. You can find the information related to appropriate gas types and appropriate gas injectors on technical data table. If the pressure of used gas is different than these values stated or not stable in your area, it may be required to assemble an available pressure regulator on the gas inlet. It is certainly required to contact to the authorized service to make these adjustments.

If the gas connection is made by a flexible hose that is fixed on the gas inlet of appliance, it must be fixed by a pipe collar as well. Connect your appliance with a short and durable hose that is as close as possible to the gas source. The hose's permitted maximum length is 1.5m. The hose that brings gas to the appliance must be changed once a year for your safety.

As gas is turned on, all connection parts and hose must be checked with soapy water or leakage fluids. Do not use naked flame to check gas leakage. All metal components used during gas connection must be clear of rust. Also check the expiry dates of components to be used.

Remember that this appliance is ready to be connected to gas supply in the country for which it has been produced. The main country of destination is marked on the rear cover of the appliance. If you need to use it in another country, any of the connections in the figure below can be required.

In such a case, contact local authorities to learn the correct gas connection.

It is required to call the authorized service to be able to make the gas connections appropriately and in compliance with safety standards.

Electric connection and safety

- The earthing cable must be connected to the earth terminal.
- You have to ensure the power cord with suitable insulation to be connected to the power source during the connection. If there is no appropriate earthed electric outlet in accordance with regulations in the place where the appliance to be installed, contact to our authorized service. The earthed electric outlet must be close to the appliance.
- Any wrong electric connection may damage your appliance, as well as endangering your safety, rendering your guarantee invalid.

- The appliance is adjusted for 230V 50Hz electricity. If the mains electricity is different contact your authorized service.
- The manufacturer declares that it has no responsibility against any kind of damages and losses that are caused by improper connections that are performed by unauthorized people.

Gas conversion

Your appliance is adjusted to be operated with LPG/NG gas. The gas burners can be adapted to different types of gas, by replacing the corresponding injectors and adjusting minimum flame length suitable to the gas in use. For this purpose, following steps should be performed:

- Cut off the main gas supply and unplug from the electric mains.
- Remove the burner cap and the adapter(Figure 6).
- Unscrew the injectors. For this, use a 7mm spanner(Figure 7).
- Replace the injector with the ones from the gas conversion kit, with corresponding diameters suitable to the type of gas that is going to be used, according to the information chart (which is also supplied in the gas conversion kit).

Adjusting the reduced flame position:

The flame length in the minimum position is adjusted with a flat screw located on the valve. For valves with flame failure device, the screw is located on the side of the valve spindle(Figure 8-9). For valves without flame failure device, the screw is located inside the valve spindle(Figure 10). For easier reduced flame adjustment, it is advised to remove the control panel (and microswitch, if present) during adjustment.

To determine the minimum position, ignite the burners and leave them on in minimum position. Remove the with the help of a small screwdriver fasten or loosen the bypass screw around 90 angular degrees. When the flame has a length of at least 4mm, the gas is well distributed. Make sure that the flame does not die out when passing from the maximum position to the minimum position. Create an artificial wind with your hand toward the flame to see if the flames are stable.

USE OF YOUR PRODUCT

Flame safety device:

Hob Burners (If your product is equipped with gas safety device)

Hobs equipped with flame failure device provide security in case of accidentally extinguished flame. If such a case occurs, the device will block the burners gas lines and will avoid any accumulation of unburned gas. Wait 90 seconds before re-igniting an extinguished gas burner.

The knob has 3 positions: Off (0), maximum (big flame symbol) and minimum (small flame symbol). After you ignite the burner in maximum position; you can adjust the flame length between maximum and min. positions. Do not operate the burners when the knob position is between maximum and off positions.

After the ignition, check the flames visually. If you see yellow tip, lifted or unstable flames; turn the gas flow off, and check the assembly of burner caps and crowns (Figure 13). Also, make sure that no liquid has flown into the burner cups. If the burner flame goes out accidentally, turn the burner off, ventilate the kitchen with fresh air, and do not attempt re-ignition for 90 sec.

When turning the hob off, turn the knob in the clockwise direction so that the knob shows "0" position or the marker on the knob points upwards.

In order to obtain maximum performance from the main burners, use pots with the following flat bottom diameters. Using smaller pots than the minimum dimensions stated below will cause energy loss.

Rapid / Wok Burner: 22-26cm

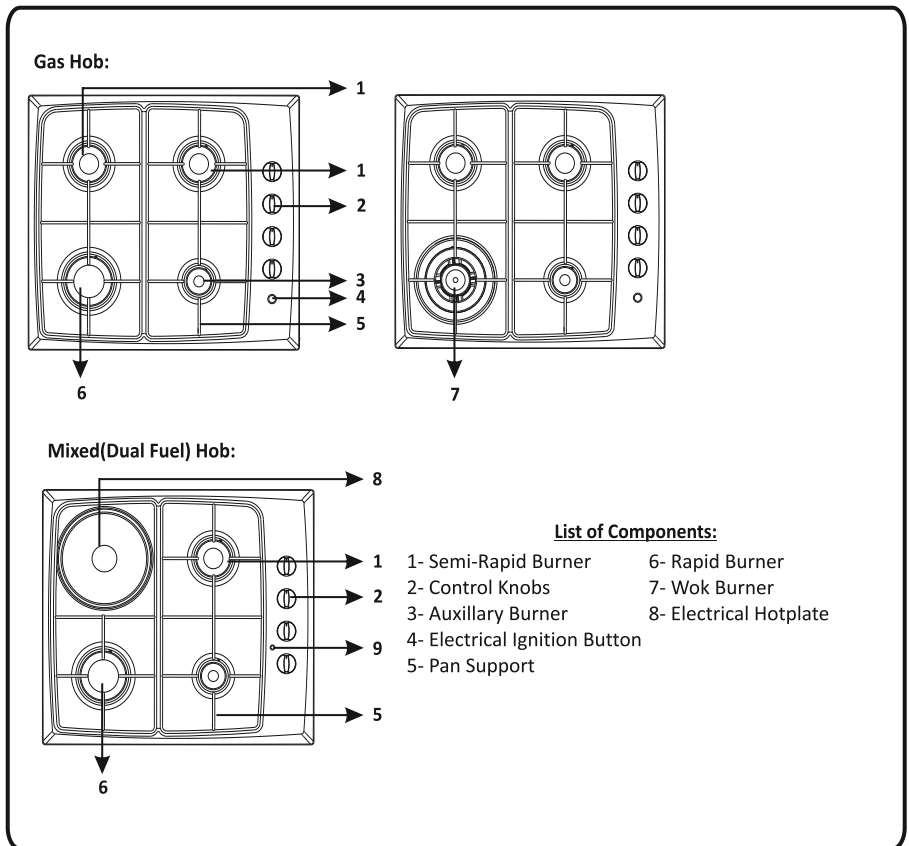
Semi-rapid Burner: 14-22cm

Auxiliary Burner: 12-18cm

When the operating for the first time or whenever the hotplate has not been used for a prolonged time it is necessary to eliminate any humidity which may have accumulated around the electrical elements of the plate by operating the hotplate on its lowest setting for about 20 minutes.

- Never operate the hob without pans on the hotplate.
- The temperature of accessible parts maybe high when the appliance is operating. So it is imperative to keep children and animals out of the reach of the hotplate during and after the operation.
- To ensure long life, the hotplate must be thoroughly cleaned with appropriate cleaning products. To avoid rustiness and to keep them new it is recommended to rub the hotplate lightly with tissue with a small amount of oil. Do not use a steam cleaner.
- Ensure that the base of the pan is dry before placing it on the hotplate.

While the hotplate is in operation it is important to ensure that the pan is centered correctly above the hotplate(Figure11)



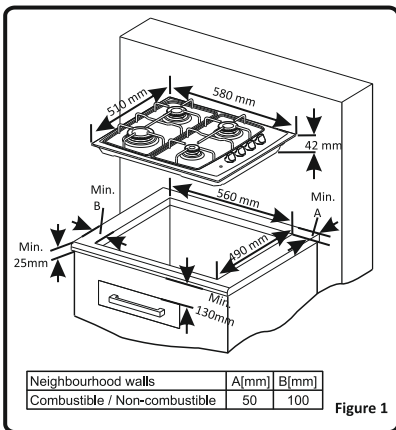


Figure 1

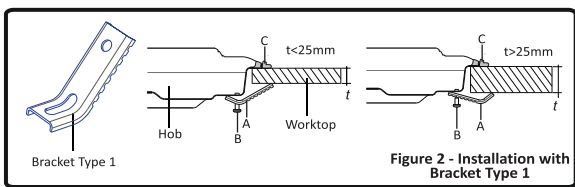


Figure 2 - Installation with Bracket Type 1

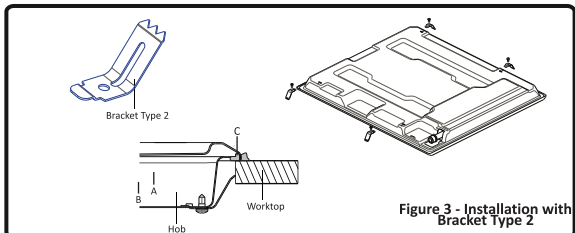


Figure 3 - Installation with Bracket Type 2

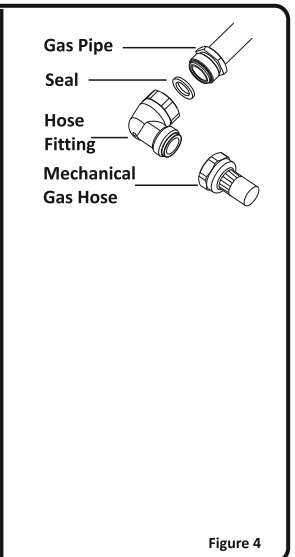
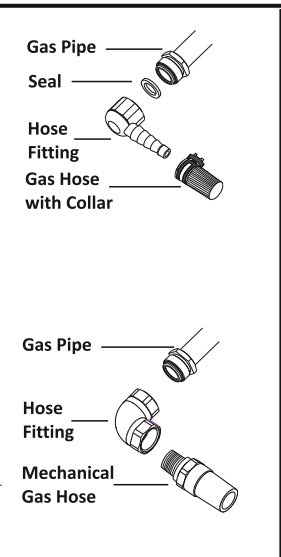
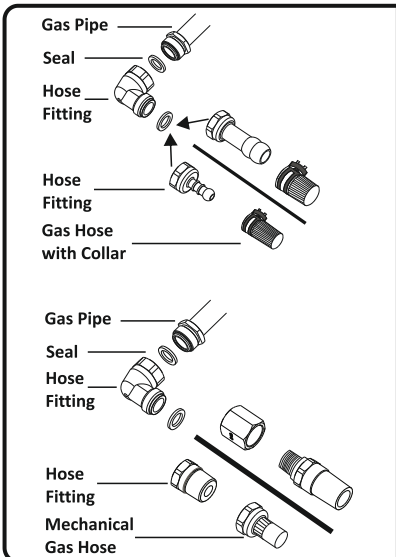


Figure 4

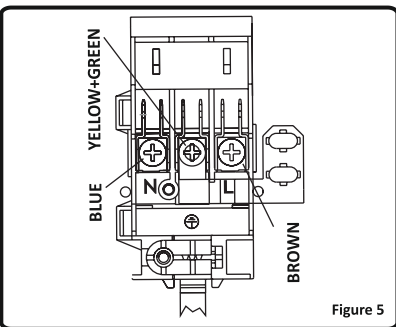


Figure 5

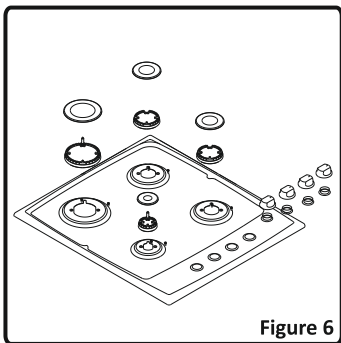


Figure 6

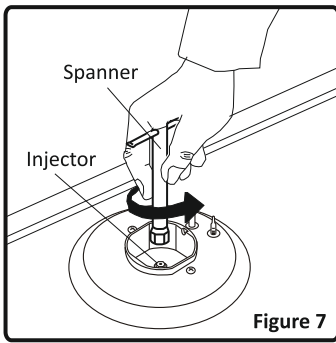


Figure 7

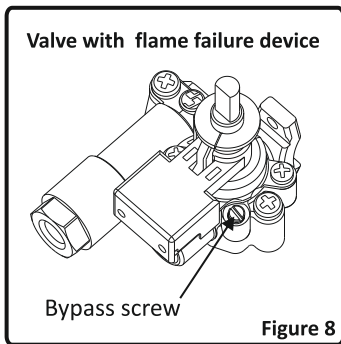


Figure 8

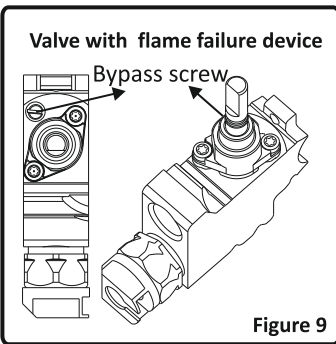


Figure 9

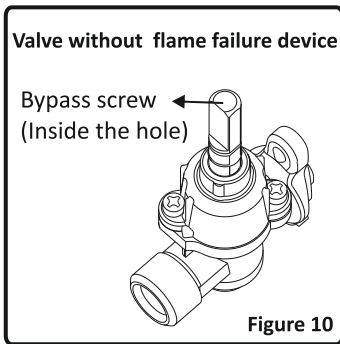


Figure 10

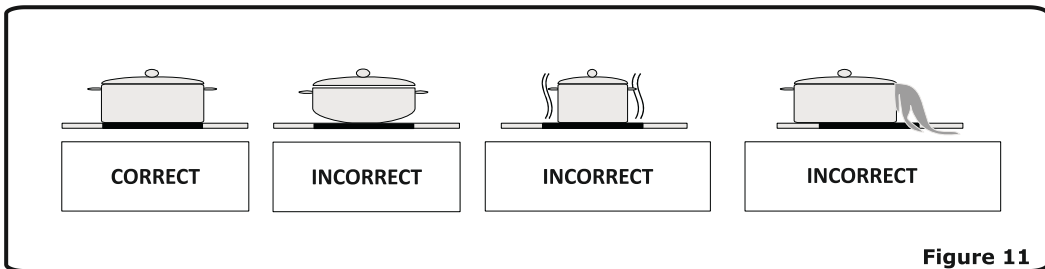


Figure 11

INJECTOR TABLE

G30 28-30mbar 7.5 kW 545 g/h II2H3+ ES Class:3	NG	LPG
Gas Category: II 2H3+	NG	G30/G31
Destination:ES Class:3	G20 20 mbar	28-30/37 mbar
LARGE BURNER		
DIA. of INJECTOR (1/100mm)	115	85
NOMINAL RATING (KW)	3	3
CONSUMPTION	285,7 lt/h	218,1 gr/h
MEDIUM BURNER		
DIA. of INJECTOR (1/100mm)	97	65
NOMINAL RATING (KW)	1,75	1,75
CONSUMPTION	166,7 lt/h	127,2 gr/h
SMALL BURNER		
DIA. of INJECTOR (1/100mm)	72	50
NOMINAL RATING (KW)	1	1
CONSUMPTION	95,2 lt/h	72,7 gr/h

Electrical Hotplate

Type	Diameter (mm)	Power (W)
Standard	180	1000
Rapid	180	1500

Type of electricity used: 230V~



The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

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