

EN

English

Operating Instructions

HOB

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Warnings

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. 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: 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.

Never use steam cleaners or pressure cleaners on the appliance.

Remove any liquid from the lid before opening it. Do not close the glass cover (if present) when the gas burners or electric hotplates are still hot.

The appliance is not intended to be operated by means of an external timer or separate remote control system.

CAUTION: the use of inappropriate hob guards can cause accidents.

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Assistance

Communicating:

- Type of trouble
- Appliance model (Mod.)
- Serial number (S/N)

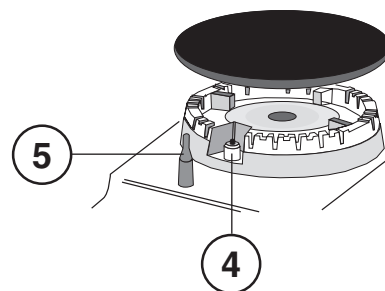
This information is found on the data plate located on the appliance and/or on the packaging.

Description of the appliance

Overall view

1. Support Grid for **COOKWARE**
2. **GAS BURNERS**
3. Control Knobs for **GAS BURNERS**
4. Ignition for **GAS BURNERS**
5. **SAFETY DEVICES**

- **GAS BURNERS** differ in size and power. Use the diameter of the cookware to choose the most appropriate burner to cook with.
- Control Knobs for **GAS BURNERS** for flame adjustment.
- **GAS BURNER IGNITION** enables a specific burner to be lit automatically.
- **SAFETY DEVICE** stops the gas flow if the flame is accidentally extinguished.



Installation

! Before operating your new appliance please read this instruction booklet carefully. It contains important information for safe use, installation and care of the appliance.

! Please keep these operating instructions for future reference. Pass them on to possible new owners of the appliance.

! After unpacking the hob, make sure that it has not been damaged during transport. In the event of problems, contact the dealer or your nearest After-sales Service.

! Keep packaging material out of the reach of children. Dispose it according to the rules for separate waste collection (see Precautions and tips).

! The appliance must be installed by a qualified professional according to the instructions provided. Incorrect installation may cause harm to people and animals or may damage property.

! The appliance must be disconnected from the power supply before carrying out any installation work.

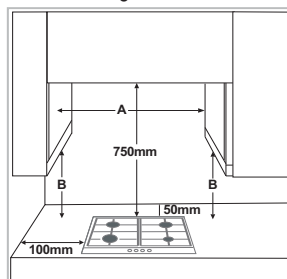
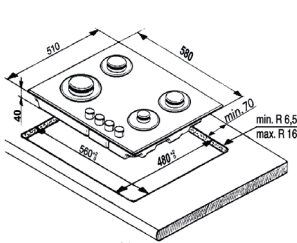
! These instructions are only valid for the countries whose symbols is given on the data plate (under the hob).

• Before installation, make sure that:

- **The local gas delivery conditions (nature and pressure) are compatible with the settings of the hob (see the rating plate and injector table).**
 - The outer surfaces of the furniture or appliances adjacent to the hob are heat resistant according to local regulations.
 - This appliance is not connected to a fume exhaust device. It shall be installed in accordance with current installation regulations. Particular attention shall be given to the relevant requirements regarding ventilation.
 - Combustion products are discharged outdoors through specific hoods or wall and/or window mounted electrical fans.
- 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).

Fitting the appliance

The following precautions must be taken when installing the hob:



NOTE: If the distance "A" between the wall cabinets is between 600 mm and 730 mm, the height "B" must be a minimum of 530 mm. If the distance "A" between the wall cabinets is greater than the width of the hob, the height "B" must be a minimum of 400 mm.

In case of installation of a hood above the hob, please refer to the hood instructions for the correct distance.

- This product can be embedded in a worktop 20 to 50 mm thick.
- If there is no oven beneath the hob, insert a separator panel that has a surface at least equal to the opening in the work surface. This panel, that has to close completely the cutout in order to avoid any contact with the bottom part of the hob, must be positioned at a maximum distance of 150 mm below the upper surface of the work surface but, in no case less than 20 mm from the bottom of the hob. In the case that you intend to install an oven beneath the hob, make sure that it is manufactured by Whirlpool and equipped with a cooling system. The manufacturer declines all liability if another brand oven is installed beneath the hob.

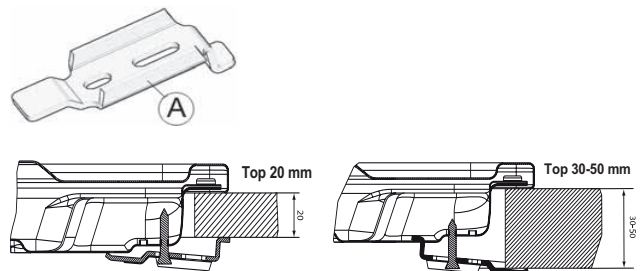
- After having cleaned the perimeter surface, apply the supplied gasket to the hob as shown in the figure.



Position the hob in the worktop opening made respecting the dimensions indicated in the Instruction.

NOTE: the power supply cable must be long enough to permit its upward extraction.

To secure the hob, use the brackets (A) provided with it. Fit the brackets into the relevant bores shown by the arrow and fasten them by means of their screws in accordance with the thickness of the worktop (see the following figures).

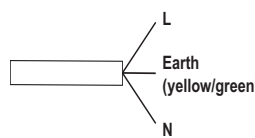


Electrical connection

! This operation must be performed by a qualified technician.

Hobs equipped with a three-pole power supply cable are designed to operate with alternating current at the voltage and frequency indicated on the data plate (this is located on the lower part of the appliance).

The earth wire in the cable has a green and yellow cover. If the appliance is to be installed above a built-in electric oven, the electrical connection of the hob and the oven must be carried out separately, both for electrical safety purposes and to make extracting the oven easier.



Connecting the supply cable to the mains

Install a standardised plug corresponding to the load indicated on the data plate.

The appliance must be directly connected to the mains using an omnipolar circuit-breaker with a minimum contact opening of 3 mm installed between the appliance and the mains.

The circuit-breaker must be suitable for the charge indicated and must comply with current electrical regulations (the earthing wire must not be interrupted by the circuit-breaker). The supply cable must not come into contact with surfaces with temperatures higher than 50°C.

! The installer must ensure that the correct electrical connection has been made and that it is compliant with safety regulations.

Before connecting to the power supply, make sure that:

- the appliance is earthed and the plug is compliant with the law.
- the socket can withstand the maximum power of the appliance, which is indicated on the data plate.
- the voltage is in the range between the values indicated on the data plate.
- the socket is compatible with the plug of the appliance. If the socket is incompatible with the plug, ask an authorised technician to replace it. Do not use extension cords or multiple sockets.

! Once the appliance has been installed, the power supply cable and the electrical socket must be easily accessible.

! The cable must not be bent or compressed.

! The cable must be checked regularly and replaced by authorised technicians only (see Assistance).

! The manufacturer declines any liability should these safety measures not be observed.

Gas connection

! This operation must be performed by a qualified technician.

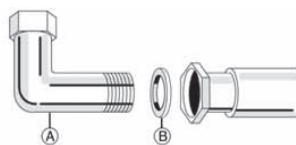
The appliance should be connected to the main gas supply or to a gas cylinder in compliance with current national regulations. Before carrying out the connection, make sure the cooker is compatible with the gas supply you wish to use. If this is not the case, follow the instructions indicated in the paragraph "Adapting to different types of gas."

When using liquid gas from a cylinder, install a pressure regulator which complies with current national regulations.



! Check that the pressure of the gas supply is consistent with the values indicated in Table 1 ("Burner and nozzle specifications"). This will ensure the safe operation and longevity of your appliance while maintaining efficient energy consumption.

Attention! Before connection remove a transport plug from the connecting hole of the cooker gas pipeline.

- The connection of the hob to the gas pipe network or gas cylinder must be made by means of a rigid copper or steel pipe with fittings complying with local regulations, or by means of a continuous-surface stainless steel hose complying with local regulations. Interpose gasket (B) in the elbow connection. The maximum length of the hose is 2 m.
- **FOR BELGIUM ONLY:** It is necessary to replace the elbow connection (A) on the appliance, with the one supplied (if present).



IMPORTANT: if a stainless steel hose is used, it must be installed so as not to touch any mobile part of the furniture. It must pass through an area where there are no obstructions and where it is possible to inspect it on all its length.

- After connection to the gas supply, check for leaks with soapy water. Light up the burners and turn the knobs from max position  to minimum position  to check flame stability.

Adapting to different types of gas

! This operation must be performed by a qualified technician.

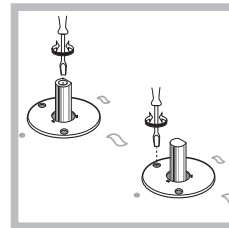
To adapt the hob to a different type of gas other than default type (indicated on the rating plate at the base of the hob or on the packaging), the burner nozzles should be replaced as follows:

1. Remove the hob grids and slide the burners off their seats.
2. Unscrew the nozzles using a socket spanner of the appropriate size, and replace them with nozzles for the new type of gas (see table 1 "Burner and nozzle characteristics").
3. Reassemble the parts following the above procedure in the reverse order.
4. Once this procedure is finished, replace the old rating sticker with one indicating the new type of gas used. Stickers are available from any of our Service Centres.

- Adjusting the burners' primary air
Does not require adjusting.

- Setting the burners to minimum

To ensure that the minimum setting is correctly adjusted, remove the knob and proceed as follows:



1. Adjust the adjustment screw, which is positioned in or next to the tap pin, until the flame is small but steady:

- tighten screw to reduce the flame height;
 - loosen screw to increase the flame height;
- The adjustment must be performed with the tap in minimum gas setting position.

2. Having adjusted the flame to the required low setting, while the burner is alight, quickly change the position of the knob from minimum to maximum and vice versa several times, checking that the flame does not go out.
3. Some appliances have a safety device (thermocouple) fitted. If the device fails to work when the burners are set to the low flame setting, increase this low flame setting using the adjusting screw.
4. Once the adjustment has been made, replace the seals on the by-passes using sealing wax or a similar substance.

! If the appliance is connected to liquid gas, the regulation screw must be fastened as tightly as possible.

! Once this procedure is finished, replace the old rating sticker with one indicating the new type of gas used. Stickers are available from any of our Service Centres.

! Should the gas pressure used be different (or vary slightly) from the recommended pressure, a suitable pressure regulator must be fitted to the inlet pipe (in order to comply with current national regulations).

DATA PLATE	
Electrical connections	see data plate
ECODESIGN This appliance conforms to the EU Regulation no. 66/2014 implementing Directive 2009/125/EC. standard EN 30-2-1	

Burner and nozzle specifications

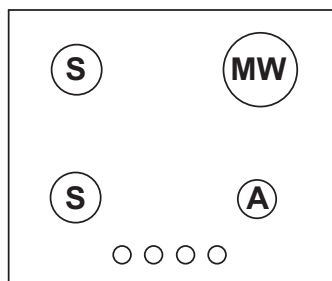
Table 1

CATEGORY II2H3+

TYPE OF GAS USED	TYPE OF BURNER	NOZZLE	RATED THERMAL FLOW RATE kW	RATED CONSUMPTION	REDUCED HEAT CAPACITY kW	GAS PRESSURE mbar		
						min.	rat.	max.
NATURAL GAS (Methane) G20	Semi-Rapid	95Z	1.65	157 l/h	0.40	17	20	25
	Auxiliary	72X	1.00	95 l/h	0.40			
	MW	138A	3.50	333 l/h	1.65			
LIQUEFIED PETROLEUM GAS (Butane) G30	Semi-Rapid	63	1.65	120 g/h	0.40	20	28-30	35
	Auxiliary	50	1.00	73 g/h	0.40			
	MW	91	3.50	254 g/h	1.65			
LIQUEFIED PETROLEUM GAS (Propane) G31	Semi-Rapid	63	1.65	250 g/h	0.40	25	37	45
	Auxiliary	50	1.00	118 g/h	0.40			
	MW	91	3.50	71 g/h	1.65			

Type of gas used	Model configuration 4 BURNERS	Rated thermal flow rate (kW)	Total rated consumption	Air required (m ³) for burning 1 m ³ of gas
G20 20 mbar	1MW - 2S -1A	7.80	743 l/h	9.52
G30 28-30 mbar	1MW - 2S -1A	7.80	567 g/h	30.94
G31 37 mbar	1MW - 2S -1A	7.80	557 g/h	23.80

ELECTRIC SUPPLY: 220-240V~ 50/60Hz 0,6W



THP 641 W/IX/I

Start-up and use

! The position of the corresponding gas burner is shown on every knob.

Gas burners

Each burner can be adjusted to one of the following settings using the corresponding control knob:

- Off
-  Maximum
- Minimum

To light one of the burners, hold a lit match or lighter near the burner and, at the same time, press down and turn the corresponding knob anti-clockwise to the maximum setting.

Since the burner is fitted with a safety device, the knob should be pressed for approximately 2-3 seconds to allow the automatic device keeping the flame alight to heat up.

Models are equipped with an ignition button incorporated into the control knob. If this is the case, the ignitor is present, but not the button. 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.

! If a flame is accidentally extinguished, turn off the control knob and wait for at least 1 minute before trying to relight it.

Practical advice on using the burners

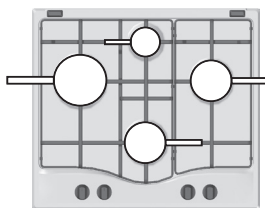
To ensure the burners operate efficiently:

- Use appropriate cookware for each burner (see table) so that the flames do not extend beyond the bottom of the cookware.
- Always use cookware with a flat base and a cover.
- When the contents of the pan reach boiling point, turn the knob to minimum.

Burner	Ø Cookware diameter (cm)
Semi Rapid (S)	16 - 24
Auxiliary (A)	8 - 14
Mini Wok (MW)	24 - 26

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

- For maximum stability, always make sure that the pan supports are correctly fitted and that each pan is placed centrally over the burner.
- Pan handles should be positioned in line with one of the support bars on the pan support grid.
- Pan handle should be positioned so not to protrude beyond the front edge of the hob.



greatest stability.

The more variable aspect in terms of pan stability can often be the pan itself, (or the positioning of that pan during use). Well balanced pans, with flat bases that are placed centrally over the burner, with the pan handles aligned with one of the support fingers obviously offer the

Precautions and tips

! This appliance has been designed and manufactured in compliance with international safety standards. The following warnings are provided for safety reasons and must be read carefully.

General safety

- This is a class 3 built-in appliance.
- Gas appliances require regular air exchange to maintain efficient operation. When installing the hob, follow the instructions provided in the paragraph on "Positioning" the appliance.
- These instructions are only valid for the countries whose symbols appear in the manual and on the serial number plate.
- The appliance was designed for domestic use inside the home and is not intended for commercial or industrial use.
- The appliance must not be installed outdoors, even in covered areas. It is extremely dangerous to leave the appliance exposed to rain and storms.
- Do not touch the appliance with bare feet or with wet or damp hands and feet.
- The appliance must be used by adults only for the preparation of food, in accordance with the instructions outlined in this booklet. Any other use of the appliance (e.g. for heating the room) constitutes improper use and is dangerous. The manufacturer may not be held liable for any damage resulting from improper, incorrect and unreasonable use of the appliance.
- Ensure that the power supply cables of other electrical appliances do not come into contact with the hot parts of the oven.
- The openings used for ventilation and dispersion of heat must never be covered.
- Always make sure the knobs are in the "•"/"o" position when the appliance is not in use.
- When unplugging the appliance always pull the plug from the mains socket, do not pull on the cable.
- Never carry out any cleaning or maintenance work without having detached the plug from the mains.
- In case of malfunction, under no circumstances should you attempt to repair the appliance yourself. Repairs carried out by inexperienced persons may cause injury or further malfunctioning of the appliance. Contact a Service Centre (see Assistance).
- Do not close the glass cover (if present) when the gas burners or electric hotplates are still hot.
- The appliance should not be operated by people (including children) with reduced physical, sensory or mental capacities, by inexperienced individuals or by anyone who is not familiar with the product. These individuals should, at the very least, be supervised by someone who assumes responsibility for their safety or receive preliminary instructions relating to the operation of the appliance.
- Do not let children play with the appliance.
- The appliance is not intended to be operated by means of an external timer or separate remote-control system.

Disposal

- When disposing of packaging material: observe local legislation so that the packaging may be reused.
- The European Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE), requires that old household electrical appliances must not be disposed of in the normal unsorted municipal waste stream. Old appliances must be collected separately in order to optimise the recovery and recycling of the materials they contain and reduce the impact on human health and the environment. The crossed out "wheeled bin" symbol on the product reminds you of your obligation, that when you dispose of the appliance it must be separately collected.

Consumers should contact their local authority or retailer for information concerning the correct disposal of their old appliance.

Respecting and conserving the environment

- Cook your food in closed pots or pans with well-fitting lids and use as little water as possible. Cooking with the lid off will greatly increase energy consumption.
- Use purely flat pots and pans.
- If you are cooking something that takes a long time, it's worth using a pressure cooker, which is twice as fast and saves a third of the energy.

Maintenance and care

Switching the appliance off

Disconnect your appliance from the electricity supply before carrying out any work on it.

Cleaning the hob surface

- All the enamelled and glass parts should be cleaned with warm water and neutral solution.
- Stainless steel surfaces may be stained by calcareous water or aggressive detergents if left in contact for too long. Any food spills (water, sauce, coffee, etc.) should be wiped away before they dry.
- Clean with warm water and neutral detergent, and then dry with a soft cloth or chamois. Remove baked-on dirt with specific cleaners for stainless steel surfaces.
- Clean stainless steel only with soft cloth or sponge.
- Do not use abrasive or corrosive products, chlorine-based cleaners or pan scourers.
- Do not use steam cleaning appliances.
- Do not use flammable products.
- Do not leave acid or alkaline substances, such as vinegar, mustard, salt, sugar or lemon juice on the hob.

Cleaning the hob parts

- Clean the enamelled and glass parts only with soft cloth or sponge.
- Grids, burner caps and burners can be removed to be cleaned.
- Clean them by hand with warm water and non-abrasive detergent, removing any food residues and checking that none of the burner openings is clogged.
- Rinse and dry.
- Refit burners and burner caps correctly in the respective housings.
- When replacing the grids, make sure that the panstand area is aligned with the burner.
- Models equipped with electrical ignition plugs and safety device require thorough cleaning of the plug end in order to ensure correct operation. Check these items frequently, and if necessary, clean them with a damp cloth. Any baked-on food should be removed with a toothpick or needle.

! To avoid damaging the electric ignition device, do not use it when the burners are not in their housing.

Gas tap maintenance

Over time, the taps may become jammed or difficult to turn. If this happens, the tap must be replaced.

! This procedure must be performed by a qualified technician authorised by the manufacturer.

Troubleshooting

It may happen that the appliance does not function properly or at all. Before calling the service centre for assistance, check if anything can be done. First, 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 even around the burner.

Check whether:

- The gas holes on the burner are clogged.
- All the movable parts that make up the burner are mounted correctly.
- There are draughts near the appliance.

The flame dies in models with a safety device.

Check to make sure that:

- You pressed the knob all the way in.
- You keep the knob pressed in long enough to activate the safety device.
- The gas holes are not blocked in the area corresponding to the safety device.

The burner does not remain lit when set to minimum.

Check to make sure that:

- The gas holes are not blocked.
- There are no draughts near the appliance.
- The minimum setting has been adjusted properly.

The cookware is unstable.

Check to make sure that:

- The bottom of the cookware is perfectly flat.
- The cookware is positioned correctly at the centre of the burner.
- The pan support grids have been positioned correctly.