



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.

WARNING: If the surface in glass-ceramic is cracked, switch off the appliance to avoid the possibility of electric shock.

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.

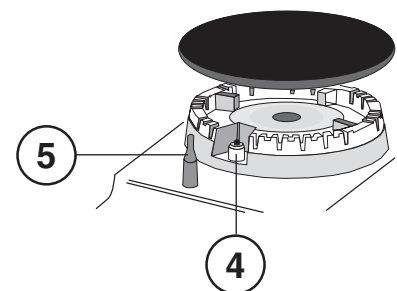
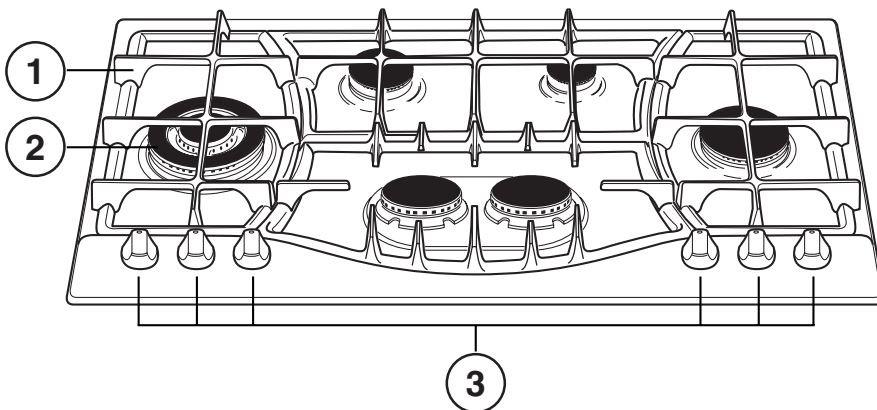
CAUTION: the use of inappropriate hob guards can cause accidents.

Description of the appliance

Overall view

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

- Control Knobs for **GAS BURNERS** adjust the power or the size of the flame.
- **GAS BURNERS** differ in size and power. Use the diameter of the cookware to choose the most appropriate burner to cook with.
- **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.

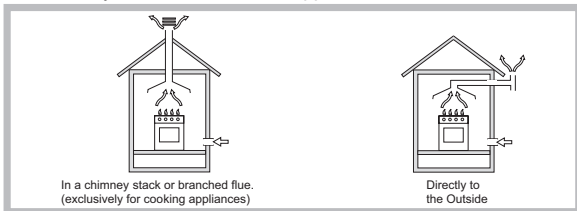
Positioning

! Keep packaging material out of the reach of children. It can become a choking or suffocation hazard (see Precautions and tips).

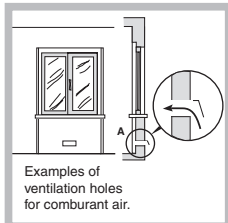
! The appliance must be installed by a qualified professional according to the instructions provided. Incorrect installation may cause harm to people and animals or may damage property.

! This unit may be installed and used only in permanently ventilated rooms in accordance with current national regulations. The following requirements must be observed:

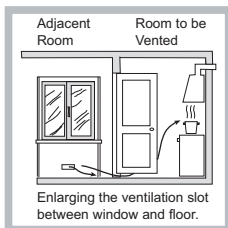
- The room must be equipped with an air extraction system that expels any combustion fumes. This may consist of a hood or an electric fan that automatically starts each time the appliance is switched on.



- The room must also allow proper air circulation, as air is needed for combustion to occur normally. The flow of air must not be less than 2 m³/h per kW of installed power.



The air circulation system may take air directly from the outside by means of a pipe with an inner cross section of at least 100 cm²; the opening must not be vulnerable to any type of blockages.



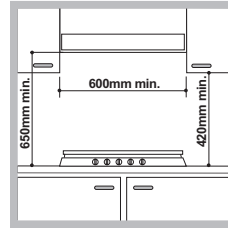
The system can also provide the air needed for combustion indirectly, i.e. from adjacent rooms fitted with air circulation tubes as described above. However, these rooms must not be communal rooms, bedrooms or rooms that may present a fire hazard.

- 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).
- Liquid petroleum gas sinks to the floor as it is heavier than air. Therefore, rooms containing LPG cylinders must also be equipped with vents to allow gas to escape in the event of a leak. As a result LPG cylinders, whether partially or completely full, must not be installed or stored in rooms or storage areas that are below ground level (cellars, etc.). It is advisable to keep only the cylinder being used in the room, positioned so that it is not subject to heat produced by external sources (ovens, fireplaces, stoves, etc.) which could raise the temperature of the cylinder above 50°C.

Fitting the appliance

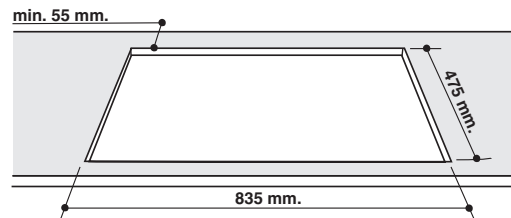
The following precautions must be taken when installing the hob:

- Kitchen cabinets adjacent to the appliance and taller than the top of the hob must be at least 200 mm from the edge of the hob.
- Hoods must be installed according to their relative installation instruction manuals and at a minimum distance of 650 mm from the hob (see figure).
- Place the wall cabinets adjacent to the hood at a minimum height of 420 mm from the hob (see figure).

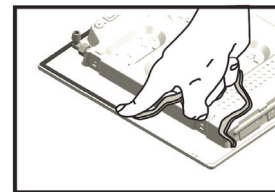


If the hob is installed beneath a wall cabinet, the latter must be situated at a minimum of 700 mm above the hob.

- The installation cavity should have the dimensions indicated in the figure. Fastening hooks are provided, allowing you to fasten the hob to tops that are between 20 and 40 mm thick. To ensure the hob is securely fastened to the top, we recommend you use all the hooks provided.



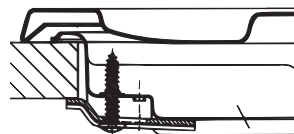
Before the installation remove the grids and burners from the hob and turn it upside down, making sure you don't damage the thermocouples and spark plugs.



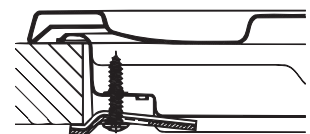
Apply the seals that come with the appliance along the outer edges of the hob to prevent any passage of air, humidity and water (see Figure).

For proper application make sure the surfaces to be sealed are clean, dry and free of any grease/oil.

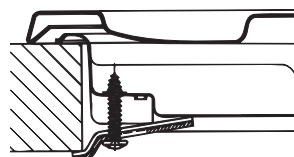
Hook fastening diagram



Hooking position for top H=20mm

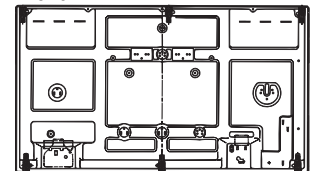


Hooking position for top H=30mm



Hooking position for top H=40mm

Front



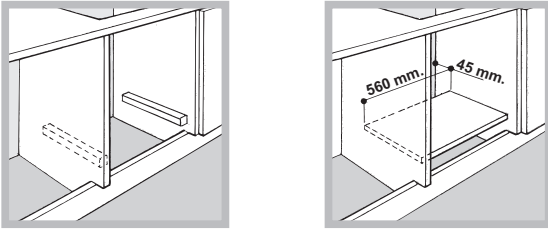
Back

! Use the hooks contained in the "accessory pack".

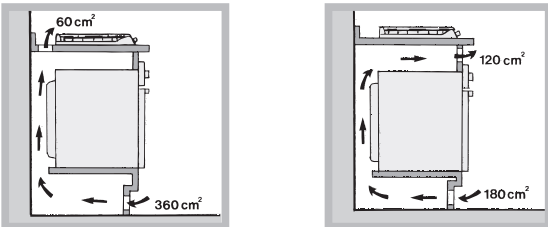
- Where the hob is not installed over a built-in oven, a wooden panel must be installed as insulation. This must be placed at a minimum distance of 20 mm from the lower part of the hob.

Ventilation

To ensure adequate ventilation, the back panel of the cabinet must be removed. It is advisable to install the oven so that it rests on two strips of wood, or on a completely flat surface with an opening of at least 45 x 560 mm (see diagrams).



Where a hob is installed above an oven without a forced ventilation cooling system, adequate ventilation must be provided inside the cabinet by means of air holes through which air can pass (see figure).



Electrical connection

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

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.

Connection with a rigid pipe (copper or steel)

! Connection to the gas system must be carried out in such a way as not to place any strain of any kind on the appliance.

There is an adjustable L-shaped pipe fitting on the appliance supply ramp and this is fitted with a seal in order to prevent leaks. The seal must always be replaced after rotating the pipe fitting (seal provided with appliance). The gas supply pipe fitting is a threaded 1/2 gas cylindrical male attachment.

Connecting a flexible jointless stainless steel pipe to a threaded attachment

The gas supply pipe fitting is a threaded 1/2 gas cylindrical male attachment. These pipes must be installed so that they are never longer than 2000 mm when fully extended. Once connection has been carried out, make sure that the flexible metal pipe does not touch any moving parts and is not compressed.

! Only use pipes and seals that comply with current national regulations.

Checking the tightness of the connection

! When the installation process is complete, check the pipe fittings for leaks using a soapy solution. Never use a flame.

Adapting to different types of gas

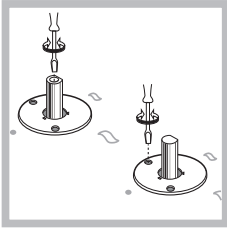
To adapt the hob to a different type of gas other than default type (indicated on the rating plate at the base of the hob or on the packaging), the burner nozzles should be replaced as follows:

1. Remove the hob grids and slide the burners off their seats.
2. Unscrew the nozzles using a 7 mm socket spanner, 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. Sticker are available from any of our Service Centres.

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

- Setting the burners to minimum

1. Turn the tap to the low flame position;



2. Remove the knob and adjust the adjustment screw, which is positioned in or next to the tap pin, until the flame is small but steady.

- 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.
- 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.
- 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

Burner	Diameter (mm)	Thermal Power kW (p.c.s.*)		By-pass 1/100 (mm)	Liquid Gas		Natural Gas		
		Nominal	Reduced		Nozzle 1/100 (mm)	Flow* g/h		Nozzle 1/100 (mm)	Flow* l/h
						***	**		
Reduced Rapid (RR)	100	2.60	0.70	39	80	189	186	110 (Y)	248
Semi Rapid (S)	75	1.65	0.40	28	64	120	118	96 (Z)	157
Auxiliary (A)	55	1.00	0.40	28	50	73	71	71 (X)	95
Triple Crown (TC)	130	3.25	1.50	61	91	236	232	133 (Z)	309
Semi-Fish burner (SP)	-	1.50	0.70	39	60	109	107	88	143
Supply pressures	Nominal (mbar) Minimum (mbar) Maximum (mbar)					28-30 20 35	37 25 45	20 17 25	

* A 15°C e 1013,25 mbar-dry gas

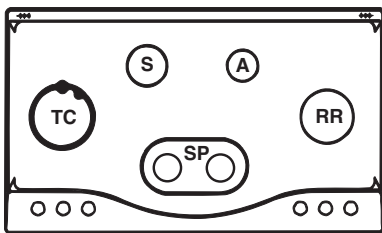
** Propane P.C.S. = 50.37 MJ/Kg

*** Butane P.C.S. = 49.47 MJ/Kg

Natural P.C.S. = 37.78 MJ/m³

Model	Gas section		Electric section	
	Class	Rated power (kW) ⁽¹⁾	Voltage and frequency	Power (W)
PHC 961 TS/IX/H	I12H3+	11,50 (836 g/h-G30 821 g/h-G31)	220-240V~ 50/60Hz	0,6

⁽¹⁾ The values in g/h refer to the capacities with liquid gas (Butane, Propane).





PHC 961 TS/IX/H

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.

When using models with an ignition button, light the desired burner pressing down the corresponding knob as far as possible and turning it anticlockwise towards the maximum setting.

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

To switch off the burner, turn the knob in a clockwise direction until it stops (when reaches the “•” position).

Practical advice on using the burners

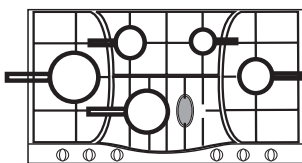
To ensure the burners operate efficiently:

- 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)
Reduced Rapid (RR)	24 - 26
Semi Rapid (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”.

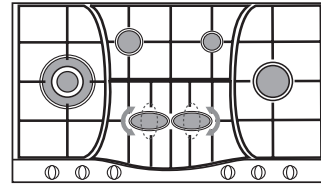
- For maximum stability, always make sure that the pan supports are correctly fitted and that each pan is placed centrally over the burner.
- Pan handles should be positioned in line with one of the support bars on the pan support grid.
- Pan handle should be positioned so not to protrude beyond the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



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 greatest stability.

Practical Advice on Using the Half Fish-Kettle Burner

The two “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 26-28 cm) (Fig. C).
- Single burner for medium size cookware (diameter of 16-20 cm) (Fig. D).

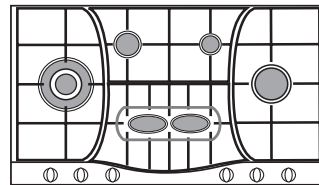


Fig. A

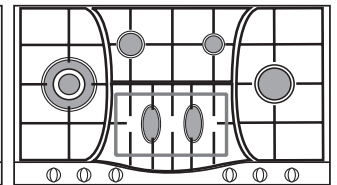


Fig. B

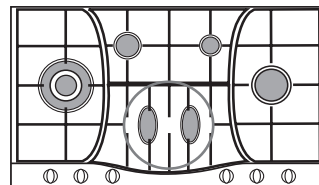


Fig. C

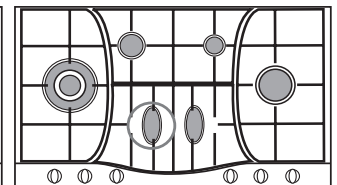


Fig. D

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.

- The openings used for ventilation and dispersion of heat must never be covered.
- Always make sure the knobs are in the “●”/“○” 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.

Product Guarantee and Repair Information

Guarantee

12 Months Parts and Labour Guarantee

Your appliance has benefit of our manufacturer's guarantee, which covers the cost of breakdown repairs for twelve months from the date of purchase.

This gives you the reassurance that if, within that time, your appliance is proven to be defective because of either workmanship or materials, we will, at our discretion, either repair or replace the appliance at no cost to you:

This guarantee is subject to the following conditions:

- The appliance has been installed and operated correctly and in accordance with our operating and maintenance instructions.
- The appliance is used only on the electricity or gas supply printed on the rating plate.
- The appliance has been used for normal domestic purposes only.
- The appliance has not been altered, serviced, maintained, dismantled, or otherwise interfered with by any person not authorised by us.
- Any repair work must be undertaken by us or our appointed agent.
- Any parts removed during repair work or any appliance that is replaced become our property.
- The appliance is used in the United Kingdom or Republic of Ireland.

The guarantee does not cover:

- Damage resulting from transportation, improper use, neglect or interference or as a result of improper installation.
- Replacement of any consumable item or accessory. These include but are not limited to: plugs, cables, batteries, light bulbs, fluorescent tubes and starters, covers and filters.
- Replacement of any removable parts made of glass or plastic.

THIS GUARANTEE WILL NOT APPLY IF THE APPLIANCE HAS BEEN USED IN COMMERCIAL OR NON-DOMESTIC PREMISES.

Recycling and Disposal Information

As part of Hotpoint's continued commitment to helping the environment, Hotpoint reserves the right to use quality, recycled components to keep down customer costs and minimise material wastage.

Please dispose of packaging and old appliances carefully. To minimise the risk of injury to children, remove the door, plug, and cut the mains cable off flush with the appliance. Dispose of these parts separately to ensure that the appliance can no longer be plugged into mains socket, and the door cannot be locked shut.

Repairs and After Sales

For product help and advice, repairs, spare parts or accessories, we're here to help.

For local repair engineers - **03448 111 606**

ROI - **0818 313 413**

UK standard local rate applies

ROI local Irish rate applies

For Parts and Accessories visit:

parts.hotpoint.co.uk/shop

Please remember to register your appliance at **www.hotpointservice.co.uk** to activate your 10 year parts guarantee.

Please note, our advisors will require the following information:

Model number:

Serial number:

Indesit Company S.p.A.

Viale Aristide Merloni, 47

60044 Fabriano (AN)

www.hotpoint.co.uk