

INFINITY

Instructions for Use

GB



GAS BUILT-IN COOKING HOB

Dear customer!



Gas built-in hob is intended for use in households.

Our products are packed in environment-friendly materials which can be recycled, disposed of, or destroyed without imposing any burden on the environment.

Instructions for use

Instructions for use are intended for the user. They describe the appliance and its operation. The instructions apply to various types of appliances and may therefore include description of functions that may not be available on your appliance.

These instructions are only valid of the country symbol is indicated on the appliance. If there is NO county symbol in the appliance, technical instructions should be observed for adapting the appliance to comply with the requirements and regulations for use in your country.

Instructions for connection

The appliance must be connected in compliance with the instructions attached to it, as well as in compliance with relevant regulations and standards. The connection may only be performed by a qualified person.

Rating plate

The rating plate indicating the basic information on the appliance is attached to the lower side of the hob.

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IMPORTANT - READ BEFORE USING THE APPLIANCE

Safety precautions

- 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:** Danger of fire: do not store items on the cooking surfaces.
- **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 with a lid or a damp cloth.
- Do not use steam cleaners or high-pressure cleaners to clean the cooking hob, as this may result in an electric shock.
- The appliance is not intended to be controlled by external timers or special control systems.

Warnings

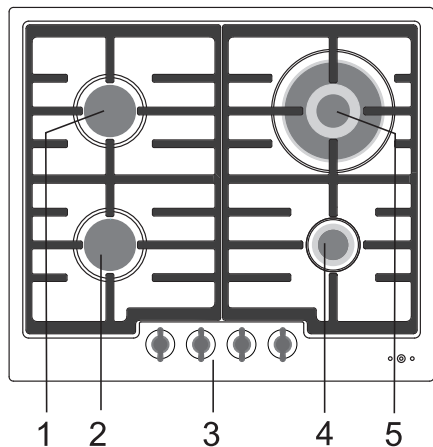
- The appliance may only be connected by an expert authorized by the gas distribution company or an authorized service center. All relevant legislation and local gas distributor's technical conditions for connection to the gas mains should be complied with. Important notes on connection are provided in the chapter »Instructions for connection.«
- Unauthorized service and repair can result in risk of explosion, electric shock, or short circuit and consequently personal injury and damage to the appliance. Such tasks may only be carried out by an authorized expert.

- Before installing and connecting the appliance, make sure the local connection conditions and characteristics (gas type and pressure) are compatible with the appliance set-up.
- The set-up of the appliance is specified on the rating plate.
- The appliance is not connected to a flue or a ventilation opening. The appliance should be installed and connected in compliance with the relevant regulations on connection. Heat, moisture, and combustion by-products are released during the use of the cooking appliance in the room where it is installed. Make sure your kitchen is adequately ventilated, especially during the use of appliance. Open all natural ventilation openings or install a mechanical ventilation device (a mechanical kitchen hood).
- The vertical distance between the appliance and the kitchen hood must be at least 650 mm or at least the distance specified in the instructions for installation of the kitchen hood.
- The appliance is intended solely for cooking. Do not use it for any other purpose, e.g. for room heating. Do not place empty cookware on the cooking zones.
- If another electrical appliance is connected to a AC power socket near the appliance, make sure the power cord does not come into contact with hot cooking zones.
- Do not store temperature-sensitive items underneath the appliance, such as cleaners or detergents, spray cans etc.
- Pay attention to correct installation of burner parts.
- If you smell gas in the room, immediately close the main inlet valve on the gas cylinder or the gas grid, extinguish any fire (including cigarettes), ventilate the room, do not switch on any electrical devices, and call a natural gas expert.
- Also close the main inlet valve if you do not intend to use the burners for a longer period of time (e.g. before leaving on vacation).
- In case of prolonged use of cast iron plates, the area of the plate and the edge of the cooking zone may discolour. Service in such case is not covered by the warranty.



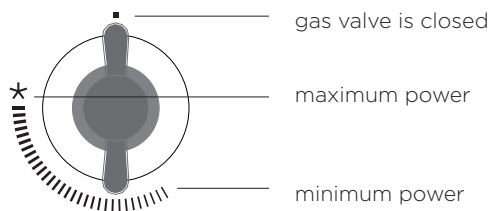
The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help 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.

APPLIANCE DESCRIPTION



1. Cooking zone rear left
2. Cooking zone front left
3. Control knobs
4. Cooking zone front right
5. Cooking zone rear right

Control knob

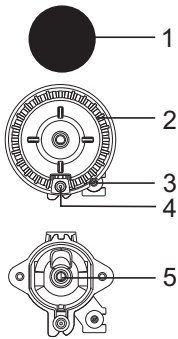


COOKING ZONES

Important warnings

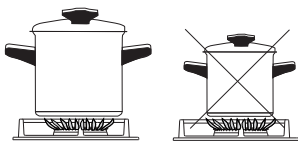
Gas cooking zones

- If you wish to quickly fry some food, set the gas burner to the maximum power initially and reduce the power as your continue.
- **In all models, the cooker burners are fitted with thermoelectric safety devices. If the burner flame is extinguished (due to boiling over, draft etc.), gas supply will be shut off automatically. Any chance of gas leaking into the room is eliminated.**
- Gas burner cover should always be placed very carefully on the burner crown. Make sure the slots on the burner crown are never obstructed.



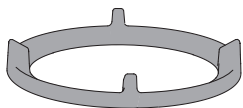
- 1 Burner crown cover
- 2 Burner crown with the support for the burner cover
- 3 Thermo-element
- 4 Spark plug
- 5 Nozzle

Cookware



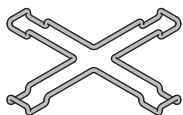
- Correctly selected cookware will enable optimum cooking time and gas consumption. Pan diameter is the most important parameter.
- Flames that reach over the edge of a pan that is too small, can damage the cookware; furthermore, gas consumption is higher in such cases.
- For combustion, the gas also needs air. If a pan is too large, air supply to the burner is insufficient; as a result, combustion effect is lesser.

Burner type	Pan diameter
Large (3.0kW)	220-260 mm
Normal(1.9kW)	160-200 mm
Auxiliary (1.0kW)	120-140 mm
Triple (3.5kW)	220-260 mm



Wok support

The auxiliary support supplied for the wok burner or available as an accessory provides additional stability in case of a wok with a round base. The auxiliary support for the wok has special recesses so it can be positioned neatly on top of the standard wok pan support.

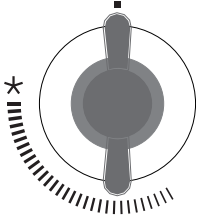


Grid extension (only available with some models)

Use the extension when using a pan of a smaller diameter. Place the extension on the grid above the auxiliary burner.

OPERATING THE GAS BURNERS

Ignition and operation of the burners

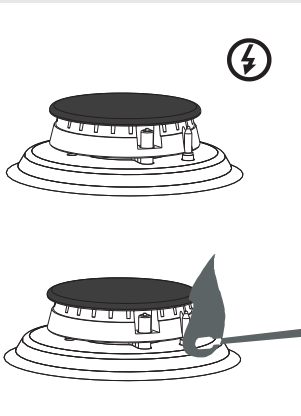


Models with two gas burners:

- On the knobs, heating power levels are indicated with thick and thin markings. Rotate the knob past the asterisk (☆) position and the thick markings to the thin markings position and back. Operating position is within the range indicated by the markings.
- Settings between (☆) and (■) are not recommended. In this range, the flame is unstable and may be extinguished.



Before rotating the knob, it should first be depressed.



Single-handed ignition

- To ignite a gas burner, press the corresponding knob and rotate it to the maximum power position. Electric spark from the spark plug will be activated and the gas will ignite.
- Electric ignition will only work if the power cord is connected to the power mains. If electric ignition does not work due to a power supply failure or damp spark plugs, the gas can still be ignited with a match or a lighter. After ignition, keep the knob depressed for approximately 10 more seconds until the flame is stabilized.



If the burner hasn't ignited after the knob has been depressed for fifteen seconds, close the burner and wait at least one minute. Then, repeat the ignition process.



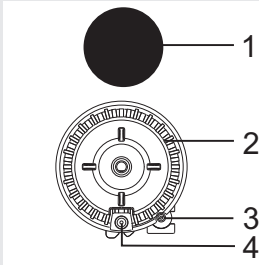
If the burner flame is extinguished (for any reason), close the burner and wait at least one minute before attempting to re-ignite it.

- To extinguish the flame and close the burner gas supply, rotate the control knob to the right, to the 'OFF' position (■).

CLEANING AND MAINTENANCE

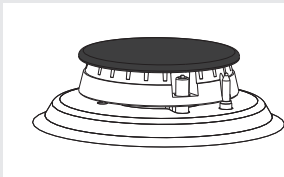
Clean the appliance using warm water, liquid detergent, and a soft cloth.

Do not use any abrasive or sharp utensils or other objects. Burnt or dried food residues should be moistened using a damp cloth and softened with appropriate detergent. Stainless steel parts should be cleaned using special-purpose detergents. Use a dry, highly-absorbent cloth to apply a thin layer of detergent on a dry and cool surface, and rub gently in the direction of surface treatment pattern. Use a damp cloth and a detergent to clean stubborn stains; then, use a dry cloth to achieve to polish the surface until glossy. Do not use the same (stainless steel) detergents to clean aluminum parts.



- 1 Burner crown cover
- 2 Burner crown
- 3 Thermo-element (only with protected burners, available only in some models)
- 4 Ignition plug

Gas cooking zones



To clean the grid, cooking hob surface, and parts of the burner, use hot water with some dishwashing detergent. Clean the thermo-element and the spark plug with a soft brush. These parts must be kept impeccably clean, as only then will they operate correctly. Clean the crown and the burner cover. Be particularly careful to keep all exit slots on the crown clean and unobstructed. After cleaning, dry all parts thoroughly and replace or reassemble them correctly. **Parts that are placed askew will make lighting the burners more difficult.**

Warning: Burner covers are coated in black enamel. Due to high temperatures, discoloration is unavoidable; however, this will not affect the operation of the burners.

SPECIAL WARNINGS AND FAULT REPORTING

During the warranty period, only a service center authorized by the manufacturer may carry out any repairs.

Before making any repairs, make sure the appliance is disconnected from the power mains either by removing the fuse or by disconnecting the power plug from the wall outlet.

Unauthorized tampering with and repairs of the kitchen range (cooking hob) can result in electric shock or short circuit; hence, do not attempt to perform any repairs by yourselves. Leave such tasks to an expert or an authorized service unit.

In case of minor faults or problems with the appliance operation, check the following instructions to see whether you can eliminate the causes by yourselves.

Important

A visit by a service technician during the warranty period will be charged if the appliance is not functioning because of improper use. Store these instructions in a place where they are always readily accessible; if you pass the appliance on to another person, the instructions should also be included.

Following is some advice on rectifying some common problems.

What happened...?	Possible cause	What to do?
The burners will not burn The flame is uneven / unstable	Flame is uneven due to a wrong gas power setting.	Have an expert check the gas pipeline!
The flame from the burners suddenly changes	Wrongly assembled parts of the kitchen hob	Assemble the burner correctly.
Burner ignition takes more time	Wrongly assembled parts of the kitchen hob	Assemble the burner correctly.
The flame is extinguished shortly after ignition	Knob pressed too short or too weakly.	Keep the knob depressed for a longer period of time. Before releasing it, press it harder.
The grid has discolored in the burner area?	This is a commonplace phenomenon resulting from high temperature	Clean the grid with a metal care detergent.
Electric power supply in general is interrupted?	The fuse may be blown.	Check the fuse in the fuse box and replace it if it is blown.
Electric ignition of the burners no longer works?	There are food or detergent residues between the spark plug and the burner.	Open and carefully clean the opening between the spark plug and the burner.

If the burner cover looks unappealing...	Regular dirt	Clean the burner covers with a metal care detergent.
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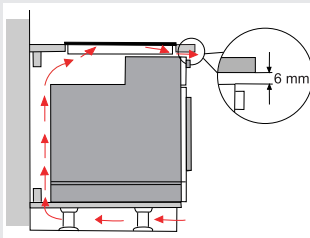
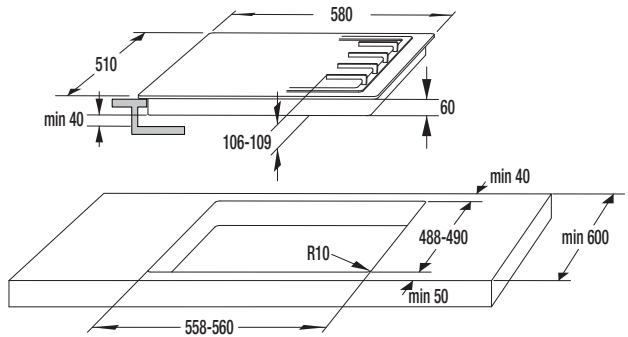
If the problem persists despite observing the instructions above, call an authorized service technician. Elimination of any errors or warranty claims that resulted from improper connection or use of the appliance is not covered by our warranty. In such cases, the costs of repair are borne by the user.

INSTALLATION

Important warnings

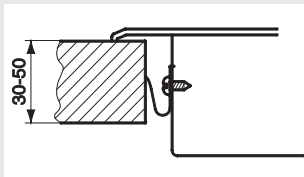
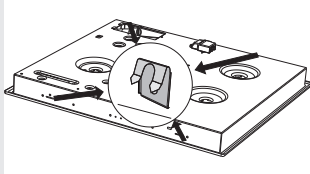
- Installation of the appliance into a kitchen worktop and its connection to the power mains may only be performed by an adequately qualified technician.
- Veneer or other finish of the piece of kitchen furniture into which the hob is to be built in should be treated with heat resistant glue (100°C); otherwise, the worktop finish may be discolored or deformed.
- Cooking hob is dimensioned to be built into the worktop over a piece of kitchen furniture, with a width of 600 mm or more.
- After installation, the front two fastening elements should be freely accessible from below.
- The kitchen furniture element underneath the hob should not be fitted with a drawer. If the kitchen furniture element as a horizontal partition wall, it should be installed no less than 10 centimeters from the lower surface of the worktop. The space between the partition wall and the hob must be empty; no objects should be placed into that gap.
- Hanging, or wall-mounted kitchen elements should be installed high enough not to interfere with the work process.
- The distance between the cooking hob and the kitchen hood should be no less than indicated in the instructions for kitchen hood installation. The minimum distance is 650 mm.
- The distance between the appliance edge and the adjacent tall kitchen furniture element should amount to no less than 100 mm.
- Use of massive wood decoration plates or boards on the worktops behind the cooking hob is permitted, if the minimum distance remains the same as indicated in the installation drawings.
- Minimum distance between the built-in cooking hob and the rear wall is indicated on the installation drawing.
- Cooking hobs can be installed into worktops that are 30 to 50 mm thick.

Kitchen worktop cutoff dimensions

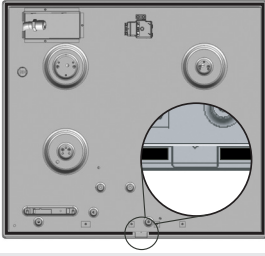


- Only type EVP4.., EVP3.., EVP2.., ovens fitted with a cooling fan may be installed underneath this cooking hob.
- Before installing an oven, the rear wall of the kitchen furniture element should be removed in the area of the cooking hob cutout. Furthermore, a gap of at least 6 mm should be left at the front side.

Installation procedure



- The worktop should be installed completely horizontally.
- The cutoff surfaces should be appropriately protected.
- Attach the fastening elements (4) with the supplied screws (4) to the front and rear wall of the cooking hob and the worktop cutoff.
- Connect the cooking hob to the power mains and gas supply (see instructions for connecting a cooking hob on a power network and gas supply).
- For screwing down the fixing clip it is not allowed to use screws longer than 6,5 mm.



- Attach the supplied adhesive seal on the lower edge of the cooking hob (do not glue the gasket over the front support bracket).

CONNECTING THE APPLIANCE TO THE POWER MAINS

Important warnings

- The appliance may only be connected by an authorized skilled technician.
- Electric system protection should comply with all relevant regulations.
- The connection clips can be accessed when the connection clip covers are opened / removed.
- Before connecting the appliance, make sure the voltage indicated on the rating plate is consistent with the voltage in your home circuit.
- The rating plate with basic information is attached on the lower side of the hob.
- The electric circuit should also include an omnipolar switch that will separate the appliance from the mains, if required, with at least 3 mm of distance between contacts. Suitable devices include fuses, current protection switches, etc.
- The connection should be selected according to the installation possibilities with regard to current and fuses.
- Given the protection from the risk of fire, appliances of this type may be installed in a worktop next to a piece of kitchen furniture that is taller than the appliance (when installed); however, in this case, a kitchen furniture element must be installed on the other side, adjacent to the appliance.
- The current conducting and isolated parts must be protected from any possibility of direct contact.

WARNING!

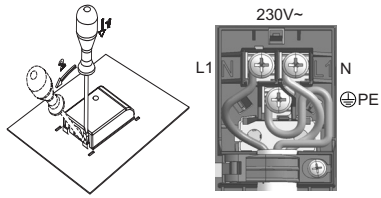
- Before any intervention, disconnect the appliance from the power mains. Connect the appliance in compliance with the electric connections diagram supplied; make sure the relevant network voltage is observed! The ground wire (PE) should be connected to the clip indicated by the earthing symbol.
- The mains cable should be fed through the fastening clip which protects it from being accidentally pulled out.
- After connecting the appliance, turn on all cooking zones / heaters for approximately three minutes to make sure they are operating correctly.

Connection diagram

“ The appliances are suitable for photovoltaic electrical power under the condition that electrical voltage will be 220VAC - 240VAC with semi tonic frequency 50Hz in order the appliance to operate properly (alternative a generator can be used with the same technical characteristic).”

- Incorrect connection may destroy parts of the appliance, making the warranty void.
- Before connecting the appliance, make sure the voltage indicated on the rating plate is consistent with the voltage in your home network. Connection voltage (230 V through N) should be checked by a qualified technician using a corresponding measuring device!

- Connection cable on the back of the appliance should be led in such way that it does not touch the appliance back wall, as this part will get very hot during operation.



CONNECTING THE COOKING HOB TO THE GAS SUPPLY

Important warnings

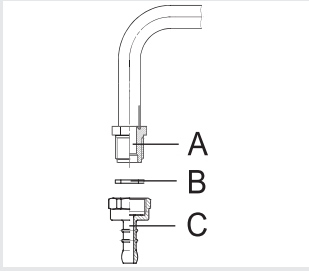
- The appliance must be connected in compliance with all relevant regulations, and it may only be used in well ventilated / aerated rooms. Before connecting or using the appliance, please read the instruction manual.
- Before installing and connecting, make sure the local natural gas supply network and connection (type of gas and pressure), are compatible with your appliance version.
- The version of this appliance is indicated on the rating plate.
- This appliance is not suitable for connection to a burning fumes exhaust system (i.e. a chimney). The appliance must be installed and connected in compliance with the relevant effective installation regulations. Special care must be taken to ensure adequate ventilation / aeration.

Connection

- When connecting the appliance to the gas supply, follow the regulations of the local gas distributor.
- On the lower side, the cooking hob is fitted with a gas connection plug with a EN ISO 10226-1 / -2 or EN ISO 228-1 (Depending on the country-specific connection regulations.) thread.
- Also supplied with the appliance is an adapter for liquid gas and a non-metal gasket.
- When connecting, the knee R 1/2 should be held firmly to prevent it from rotating.
- For sealing of the connection joints, use a non-metal approved gaskets and approved sealants.
- The gaskets should only be used once. The thickness of the flat non-metal gaskets should not be deformed more than by 25 percent.
- To connect the appliance to the gas supply, use a tested and certified flexible hose.
- The flexible connection hose should be able to move freely. It should not come into contact with the movable parts of the kitchen furniture (e.g. a drawer), or the bottom of the cooking hob.
- If an electric oven is built into the kitchen element under the cooking hob, it should be fitted with a cooling fan, and the connection should be made using a pipe completely made of metal (e.g. a stainless steel flexible pipe).



After connecting the gas hob, check the joints for any leaks.



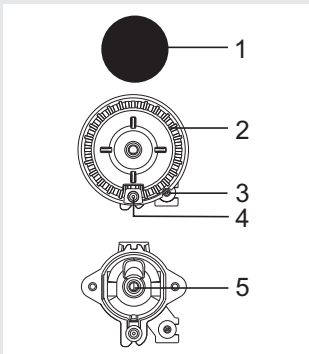
Gas supply connection plug

- A EN ISO 10226-1 / -2 or EN ISO 228-1 (Depending on the country-specific connection regulations.) connection plug
- B Non-metal gasket with thickness of 2 mm
- C Pipe adapter for liquid gas (Depending on the country-specific connection regulations.)

After the connection, check the burners for correct operation. The flames must be clearly visible, and should be blue and green at the center. If the flame is unstable, increase the minimum power. Explain the use of the burners to the user and read the instructions for use together.

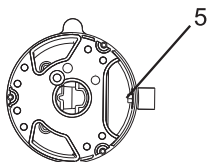
Adaptation to a different type of gas

- The procedure or adaptation of the cooker to another type of gas does not require removal of the appliance from the worktop.
- Before adapting, disconnect the appliance from the power mains and close the gas supply valve.
- Replace the existing nozzles for nominal thermal load with corresponding nozzles for the new gas type (see table below).
- When adapting the appliance to liquid gas, fasten the regulation screw for minimum thermal load as far as it will go, in order to attain minimum thermal load.
- When adapting the appliance to natural gas, release the minimum thermal load regulation screw in order to attain minimum thermal load, but do not rotate it by more than 1.5 turns.



Cooker burner

- 1 Burner crown cover
- 2 Burner crown with cover support
- 3 Thermo-element
- 4 Spark plug
- 5 Nozzle



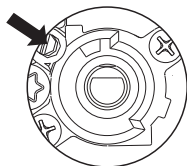
Triple burner

5 Nozzle

Adjustment elements

To leave the adjustment elements accessible, please observe the following instructions:

- Remove the support grid and burner covers with respective crowns.
- In double burners, adjustment elements are accessible behind the main nozzle protective plate.
- Remove the control knobs, including the gaskets.



Gas valve

Minimum thermal load regulation valve

NOZZLE TABLE

Gas type, pressure		Auxiliary burner		Normal burner		Large burner		Double burner	
		max	min	max	min	max	min	max	min
Natural gas H Wo=45,7÷54,7 MJ/ m ³ , Natural gas E, E+ Wo=40,9÷54,7 MJ/m ³ G20, p=20mbar	Rated power (kW)	1	0,36	1,9	0,46	3	0,76	3,5	1,56
	Gas consumption (l/h)	95,21	34,4	180,9	43,8	285,64	72,4	333,2	148,5
	Nozzle type (µm) / Bypass No.	78	24	104	26	129	33	135	57
	Nozzle ID	431006		162083		431008		431245	
Liquid gas 3+, 3B/P Wo=72,9÷87,3MJ/m ³ G30 p=30 mbar	Rated power (kW)	1	0,36	1,9	0,46	3	0,76	3,5	1,56
	Gas consumption (g/h)	71,7	26,2	138,1	33,4	215	55,3	254,5	113,4
	Nozzle type (µm) / Bypass No.	50	24	69	26	87	33	93	57
	Nozzle ID	162162		162164		162165		162166	

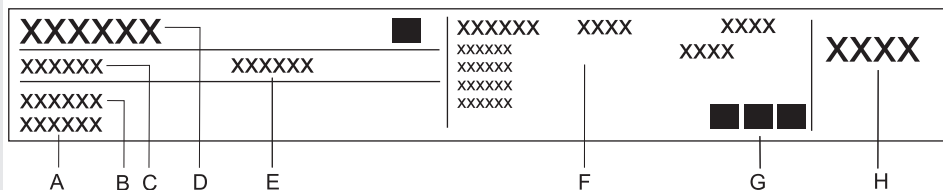
- Regulation valves that are factory-built-in are intended for liquid gas; however, the valves are set for operation with the type of gas for which the appliance is factory-preset.
- When adapting the appliance for use with another type of gas, the regulation screw (valve) should be fastened or release to correspond with the required gas flow / throughput (however, the regulation screw should not be released more than by 1.5 rounds from the position in which it is completely fastened).

Burner power is indicated by observing the upper Hs caloric value.

Warning: these tasks may only be carried out by a qualified technician, authorized by the gas distributing company or authorized service center!

TECHNICAL CHARACTERISTICS

Rating plate



- A** Serial number
- B** Model
- C** Type
- D** Trademark
- E** Code
- F** Technical information
- G** Compliance indications / symbols
- H** Factory settings for gas type

WE RESERVE THE RIGHT TO MAKE ANY CHANGES THAT DO NOT AFFECT THE FUNCTIONALITY OF THE APPLIANCE.

Instructions for use of the appliance can also be found on our website at www.gorenje.com / < <http://www.gorenje.com> />

www.gorenje.com

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