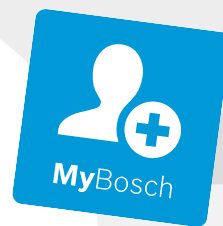




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Built-in gas hob

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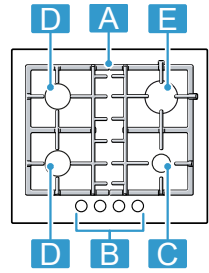
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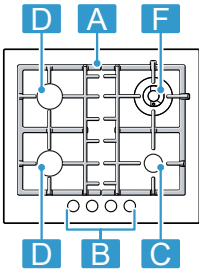
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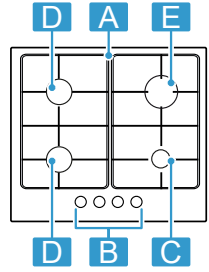
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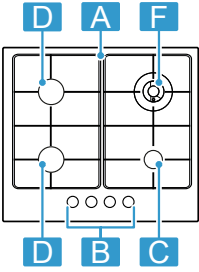
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PGP6B..6..



PGH6B..6..



¹	Component	
A	Pan support	-
B	Control knob	-
C	Economy burner	1.00 kW
D	Standard-output burner	1.75 kW
E	High-output burner	3.00 kW
F	Mini-wok multi-crown burner	3.30 / 3.50 kW

¹ The images shown in these instructions are for guidance only.

You can find additional information and explanations online.
Scan the QR code on the title page.



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1 Safety

Observe the following safety instructions.

1.1 General information

- Read this instruction manual carefully.
- Keep the instruction manual and the product information safe for future reference or for the next owner.
- Do not connect the appliance if it has been damaged in transit.

1.2 Intended use

The appliance can only be used safely if it is correctly installed according to the safety instructions. The installer is responsible for ensuring that the appliance works perfectly at its installation location.

CAUTION – Risk of injury!

This appliance is for cooking purposes only.

- ▶ It shall not be used for other purposes, for example room heating.

Only use this appliance:

- To prepare meals and drinks.
- Under supervision. Never leave the appliance unattended when cooking for short periods.
- In a private household and in a domestic environment.
- Up to an altitude of 2000 m above sea level.

Do not use the appliance:

- On boats or in vehicles.
- as a room heater.
- with an external timer or a remote control.
- Outdoors.

Call the after-sales service if you want to convert your appliance to a different type of gas.

1.3 Restriction on user group

This appliance may be used by children aged 8 or over and by people who have reduced physical, sensory or mental abilities or inadequate experience and/or knowledge, provided that they are supervised or have been instructed on how to use the appliance safely and have understood the resulting dangers.

Do not let children play with the appliance. Children must not perform cleaning or user maintenance unless they are at least 15 years old and are being supervised. Keep children under the age of 8 years away from the appliance and power cable.

1.4 Safe use

WARNING – Risk of explosion!

Escaping gas may cause an explosion.
WHAT TO DO IF YOU SMELL GAS OR IF THERE ARE FAULTS IN THE GAS INSTALLATION

- ▶ Immediately shut off the gas supply or close the gas cylinder valve.
- ▶ Immediately extinguish all naked flames and cigarettes.
- ▶ Do not operate any light switches or appliance switches.
- ▶ Do not pull any plugs out of any sockets.
- ▶ Do not use any telephones or mobile phones within the building.
- ▶ Open windows and ventilate the room.
- ▶ Call the after sales service or the gas supplier.

Escaping gas may cause an explosion. Small amounts of gas can collect over a longer period of time and ignite.

- ▶ Close the safety valve for the gas supply when the appliance is out of use for prolonged periods.

Escaping gas may cause an explosion.

If the liquefied gas bottle is not upright, liquefied propane/butane can enter the appliance. Intense darting flames may therefore escape from the burners. Components may become damaged and start to leak over time so that gas escapes uncontrollably.

- ▶ Always use liquefied gas bottles in an upright position.

⚠ WARNING – Risk of poisoning!

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.

- ▶ Prolonged intensive use of the appliance may require additional ventilation, for example the increasing of mechanical ventilation where present, additional ventilation to safely remove the products of combustion to outside (external) air whilst also providing room air changes with additional ventilation.
- ▶ Consult a professional before installation of the additional ventilation.

⚠ WARNING – Risk of fire!

Leaving fat or oil cooking on an unattended hob can be dangerous and may lead to fires.

- ▶ Never leave hot oil or fat unattended.
- ▶ Never attempt to extinguish a fire using water; instead, switch off the appliance and then cover with a lid or a fire blanket.

The appliance becomes very hot.

- ▶ Never place flammable objects on the cooktop or in its immediate vicinity.
- ▶ Never store any objects on the cooktop.

The appliance will become hot.

- ▶ Do not keep combustible objects or aerosol cans in drawers directly underneath the hob.
- ▶ Never store or use combustible materials (e.g. spray cans or cleaning agents) under the appliance or in its immediate vicinity.

Hob covers can cause accidents, for example due to overheating, catching fire or materials shattering.

- ▶ Do not use hob covers.

When gas burners are in operation without any cookware placed on them, they can build up a

lot of heat. The extractor hood above it may become damaged or catch fire.

- ▶ Only operate the gas burners with cookware on them.

The appliance becomes very hot, fabrics and other objects may ignite.

- ▶ Keep fabrics (e.g. garments or curtains) away from the flames.
- ▶ Never reach over the flames.
- ▶ Do not place combustible objects (e.g. tea towels or newspapers) on, next to or behind the appliance.

Escaping gas may ignite.

- ▶ If the burner does not ignite after 10 seconds, turn the control knob to the "Off" position and open the door or window in the room. do not attempt to re-ignite the burner for at least one minute.
- ▶ In the event of the burner flames being accidentally extinguished, turn off the burner control and do not attempt to re-ignite the burner for at least one minute.

Food may catch fire.

- ▶ The cooking process must be monitored. A short process must be monitored continuously.

⚠ WARNING – Risk of burns!

The accessible parts can become hot during operation.

- ▶ Small children should be kept away from the appliance.

Hob guards may cause accidents.

- ▶ Never use hob guards.

Empty cookware becomes extremely hot when set on gas burners that are operating.

- ▶ Never heat up empty cookware.

The appliance becomes hot during operation.

- ▶ Allow the appliance to cool down before cleaning.

⚠ WARNING – Risk of electric shock!

Improper repairs are dangerous.

- ▶ Repairs to the appliance should only be carried out by trained specialist staff.
- ▶ Only use genuine spare parts when repairing the appliance.
- ▶ If the power cord of this appliance is damaged, it must be replaced by the manufacturer, the manufacturer's Customer Service or a similarly qualified person in order to prevent any risk.

If the appliance or the power cord is damaged, this is dangerous.

- ▶ Never operate a damaged appliance.

- ▶ Never pull on the power cord to unplug the appliance. Always unplug the appliance at the mains.
 - ▶ If the appliance or the power cord is damaged, immediately unplug the power cord or switch off the fuse in the fuse box and turn off the gas supply.
 - ▶ Call customer services. → *Page 10*
- An ingress of moisture can cause an electric shock.
- ▶ Do not use steam- or high-pressure cleaners to clean the appliance.
- The insulation on cables of electrical appliances may melt if it touches hot parts of the appliance.
- ▶ Never bring electrical appliance cables into contact with hot parts of the appliance.

⚠ **WARNING – Risk of injury!**

Faults or damage to the appliance and repairs that have not been carried out correctly are dangerous.

- ▶ Never switch on the appliance if there is a fault with it.
- ▶ If the appliance is faulty, unplug the mains plug or switch off the fuse in the fuse box. Shut off the gas supply and call the after sales service.

- ▶ Always have repairs carried out to the appliance and damaged gas lines replaced by trained, specialist personnel.

Cookware that is not the right size, or that is damaged or incorrectly positioned may cause serious injuries.

- ▶ See the notes on cookware.

When switching on the burner, sparks are generated in the ignition plugs.

- ▶ Never touch the ignition plugs while the burner is being lit.

If a control knob is too stiff to turn or it is loose, it must no longer be used.

- ▶ Contact our after-sales service immediately to have the control knob repaired or replaced.

⚠ **WARNING – Risk of suffocation!**

Children may put packaging material over their heads or wrap themselves up in it and suffocate.

- ▶ Keep packaging material away from children.
- ▶ Do not let children play with packaging material.

Children may breathe in or swallow small parts, causing them to suffocate.

- ▶ Keep small parts away from children.
- ▶ Do not let children play with small parts.

2 Preventing material damage

ATTENTION

A build-up of heat may damage the appliance.

- ▶ Never cover the stainless steel hob, for example with aluminium foil or oven protectors.
- ▶ Only use the accessories specified.

Heat can cause damage to adjacent appliances or kitchen units.

If the appliance is in operation for an extended period, heat and moisture will be generated.

- ▶ Open a window or switch on an extractor hood leading to the outside.

A build-up of heat may damage the appliance.

- ▶ Do not use two burners or heat sources to heat one single item of cookware.
- ▶ Do not use griddle plates, clay pots, etc. for a long time at full power.

A build-up of heat may damage the controls.

- ▶ Do not use a large item of cookware on burners that are close to the control knobs.

If a control knob is in the wrong position, this could lead to malfunctions.

- ▶ Always turn the control knob to the "Off" position when the appliance is not being used.

Handling the cookware roughly may damage the surface of the appliance.

- ▶ Handle the cookware on the hob carefully.
- ▶ Do not place any heavy objects on the hob.

Acidic liquids, such as lemon juice or vinegar, may damage the surface of the appliance.

- ▶ Do not leave acidic liquids on the hob.

3 Environmental protection and saving energy

3.1 Saving energy

If you follow these instructions, your appliance will use less energy.

Choose a burner roughly the same size as your pan. Centre the cookware on the hob.

Tip: Cookware manufacturers often give the upper diameter of the saucepan. It is often larger than the base diameter.

- ✓ Unsuitable cookware or incompletely covered cooking zones consume a lot of energy.

Cover saucepans with suitable lids.

- ✓ Cooking without a lid consumes considerably more energy.

Lift lids as infrequently as possible.

- ✓ When you lift the lid, a lot of energy escapes.

Using a glass lid

- ✓ You can see into the pan through a glass lid without having to lift it.

Use cookware that is suitable for the quantity of food.

- ✓ Large items of cookware containing little food need more energy to heat up.

Cook with only a little water.

- ✓ The more water there is in the cookware, the more energy that is required to heat it up.

Turn down to a lower power level early on.

- ✓ If you use an ongoing power level that is too high, you will waste energy.

3.2 Disposing of packaging

The packaging materials are environmentally compatible and can be recycled.

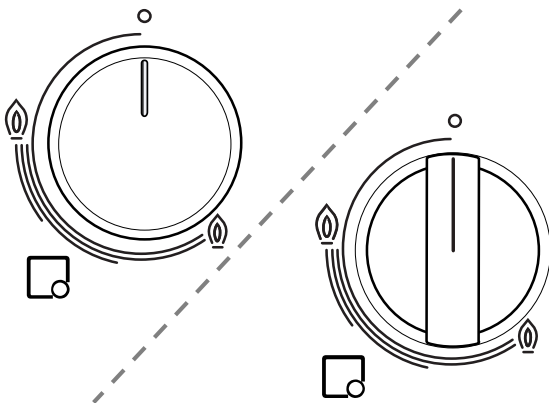
- Sort the individual components by type and dispose of them separately.

4 Familiarising yourself with your appliance

4.1 Control knob

You can use the control panel to configure all functions of your appliance and to obtain information about the operating status.

Use the control knobs to set the flame size incrementally.



Display	Meaning
	Burner assigned to the control knob.
	Burner off.
	Highest power setting and electric ignition of the burner.
	Lowest power setting.

4.2 Pan supports

Insert the pan supports correctly.

Place the cookware correctly on the pan supports.

Never place the cookware directly on the burner.

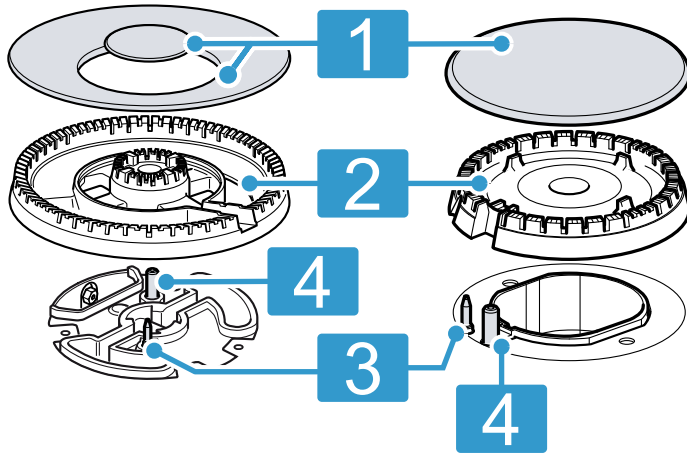
Always carefully remove the pan supports. When moving a pan support, the pan supports next to it may also move.

Tip: You can remove the metal residue that remains when some items of cookware are moved on the pan support by cleaning it properly.

→ "Cleaning the pan supports", Page 9

4.3 Burner

You can find an overview of the parts of the burner here.



- | | |
|---|---------------------------------------|
| 1 | Burner cover |
| 2 | Burner cup |
| 3 | Thermocouple for the flame monitoring |
| 4 | Ignition plug |

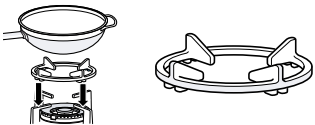
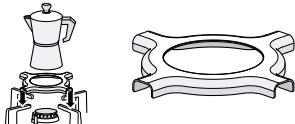
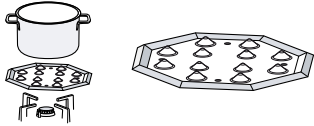
5 Accessories

You can buy accessories from the after-sales service, from specialist retailers or online. Only use original accessories, as these have been specifically designed for your appliance.

Accessories vary from one appliance to another. When purchasing accessories, always quote the exact product number (E no.) of your appliance. → Page 11

You can find out which accessories are available for your appliance in our catalogue, in the online shop or from our after-sales service.

www.bosch-home.com

Accessories	Description	Use
Additional wok grid		<ul style="list-style-type: none"> Only use on the multi-crown burner. Always use for cookware with a rounded base. Recommended in order to extend the service life of the appliance.
Additional espresso maker grid		<ul style="list-style-type: none"> Only use on the burner with the lowest power setting. Use with cookware with a diameter smaller than 12.
Simmer plate		<ul style="list-style-type: none"> For cooking on a low heat. Use the economy burner or the standard-output burner. If there are several standard-output burners, it is preferable to use the rear or front-right burner. Place it on the pan support with the bumps facing up – never place it directly on the burner.

6 Basic operation

6.1 Igniting a gas burner

The hob has automatic ignition of the burners.

⚠ WARNING – Risk of fire!

Escaping gas may ignite.

- ▶ If the burner does not ignite after 10 seconds, turn the control knob to the "Off" position and open the door or window in the room. Do not attempt to re-ignite the burner for at least one minute.
 - ▶ In the event of the burner flames being accidentally extinguished, turn off the burner control. Do not attempt to re-ignite the burner for at least one minute.
1. Press the control knob for the selected burner and turn it anti-clockwise to the highest level. Keep the control knob pressed in.
 - ✓ For all of the burners, sparks are generated and the flame ignites.
 2. Wait a few seconds and release the control knob.
→ "Safety system", Page 7
 3. Turn the control knob to the required position.
 4. If the burner does not ignite, turn the control knob to the off position and repeat the steps described above. This time, hold the control knob down for longer (up to 10 seconds).

Note

Take the following information into account to ensure that the appliance works correctly:

- The burner parts and the pan supports → Page 6 must be inserted correctly.
- Do not swap the burner caps around.
- It is important to keep the appliance clean. Clean the ignition plugs regularly with a small, non-metallic brush. Take care to prevent the ignition plugs from suffering any heavy knocks.

- The burner holes and grooves must be clean to ensure a correct flame.

→ "Cleaning the burners", Page 9

6.2 Safety system

The safety system (thermocouple) interrupts the flow of gas if the burners accidentally go out. To ignite the burner, you must activate the system that enables the gas flow.

1. Ignite the burner without releasing the control knob.
- ✓ The flame ignites.
2. Press and hold the control knob for a further four seconds.

6.3 Igniting a gas burner manually

In the event of a power cut, you can light the burners manually.

1. Press the control knob for the selected burner and turn it anti-clockwise to the highest level.
2. Hold a lighter or a flame (lighter, match, etc.) against the burner.

6.4 Switching off a burner

- ▶ Turn the control knob clockwise to 0.

6.5 Normal behaviour during operation

This behaviour is normal for the appliance:

- Slight hissing noise from the ignited burner.
- Release of odours when using the appliance for the first time. These odours disappear after a short time.
- An orange flame is normal. This is due to dust in the environment, spilled liquids, etc.

- Popping noise a few seconds after the burner is switched off. This is caused by switching on the safety system.

→ "Safety system", Page 7

7 Cookware

This information has been provided to help you save energy and avoid damaging your cookware.

7.1 Suitable cookware

Only use cookware with a suitable diameter. The cookware must not protrude over the edge of the cooktop. Never use small cookware on large burners. The flames must not touch the sides of the cookware.

Burner	Maximum diameter of the cookware base	Maximum diameter of the cookware base
Multi-crown burner	22 cm	30 cm
High-output burner	20 cm	26 cm
Standard-output burner	14 cm	22 cm
Economy burner	12 cm	16 cm

Only use cookware with a concave base on the multi-crown burner.

- The hob must have a multi-crown burner and additional wok grid.
- The additional wok grid must be correctly inserted.

→ "Accessories", Page 6

7.2 Using cookware

The selection and positioning of the cookware affects the safety and energy efficiency of your appliance.

→ "Saving energy", Page 5

WARNING – Risk of fire!

Flammable objects may ignite.

- Maintain a distance of at least 50 mm between the cookware and flammable objects.

Note: When using some items of cookware, a temporary, slight deformation of the stainless steel cooking surface may occur. This is normal and does not affect the functionality of the appliance.

Do not use deformed cookware. Only use cookware with a thick, flat base.

Deformed cookware is not stable on the hob and may tip over.

Place the cookware right in the centre of the burner.

The cookware may tip over if it is not placed in the centre of the burner.

Place the cookware correctly on the pan supports.

The cookware may tip over if you place it directly on the burner.

8 Recommended settings for cooking

The cooking times and power levels may vary depending on the type of food, its weight and quality, on the type of gas used, and on the material from which the cookware is made.

Burner	Highest/high heat setting	Medium power level	Lowest power level
Mini-wok multi-crown burner	Cooking, grilling, browning, paella, Asian dishes (wok)	Warming up and keeping warm: Ready-to-eat meals, prepared meals	Warming up and keeping warm: Ready-to-eat meals, prepared meals
High-output burner	Escalope, steaks, tortilla, deep-fried	Rice, bechamel sauce, rag-out	Steaming: Fish, vegetables
Standard-output burner	Steamed potatoes, fresh vegetables, stews, pasta	Warming up ready-to-eat meals and keeping them warm, and cooking fine stews	Warming up ready-to-eat meals and keeping them warm, and cooking fine stews
Economy burner	Cooking: Stews, rice pudding, caramel	Defrosting and slow cooking: Pulses, fruit, frozen products	Preparing/melting: Butter, chocolate, gelatine

9 Cleaning and servicing

To keep your appliance working efficiently for a long time, it is important to clean and maintain it carefully.

9.1 Cleaning product

You can obtain suitable cleaning products from after-sales service or the online shop.

ATTENTION

Unsuitable cleaning products may damage the surfaces of the appliance.

- ▶ Do not use harsh or abrasive detergents.
- ▶ Do not use steel wool.
- ▶ Do not use a knife or sharp objects to remove dried-on food remnants from the hob.
- ▶ Do not use knives or sharp objects to clean the connection between the metal and the glass or aluminium plate with.
- ▶ Do not use steam-cleaning appliances.

9.2 Cleaning the appliance

ATTENTION

When the control knob is removed while cleaning the appliance, humidity may get in and damage the interior of the appliance.

- ▶ When cleaning the appliance, do not remove the controls.

1. Allow the appliance to cool down.
2. Clean using a sponge and soapy water.
3. Dry with a soft cloth.

Tip: Remove spilled liquids immediately. This prevents food remains from sticking, and the time and effort required for subsequent cleaning is reduced.

9.3 Cleaning the burners

After each use, clean the surface of the burner parts. This prevents food remains from burning on.

ATTENTION

The burner parts can be damaged if you clean them in a dishwasher.

- ▶ Do not clean the burner parts in a dishwasher.

Note: Read the information on the cleaning agents.
→ "Cleaning product", Page 9

1. Allow the appliance to cool down.
2. Clean using a non-metallic brush and soapy water.
3. Completely dry the appliance. If there are water droplets or damp areas at the start of cooking, this may damage the enamel.
4. Insert the burner parts. Ensure that the burner caps are correctly positioned on the flame spreader.

9.4 Cleaning the pan supports

Note: Read the information on the cleaning agents.
→ "Cleaning product", Page 9

ATTENTION

The pan supports can be damaged if you clean them in the dishwasher.

- ▶ Do not clean the pan supports in the dishwasher.

1. Allow the appliance to cool down.
2. Carefully remove the pan supports.
3. Clean using a non-metallic brush and soapy water. Carefully clean the area around the rubber pads. If the rubber pads come loose, the pan support may scratch the hob.
4. Completely dry the appliance. If there are water droplets or damp areas at the start of cooking, this may damage the enamel.
5. Insert the pan supports correctly.
→ "Pan supports", Page 6

9.5 Multi-crown burner and stainless steel surfaces

High temperatures may lead to the multi-crown burner and the stainless steel surfaces becoming discoloured. This is normal.

Clean these areas with a stainless steel cleaner after each use.

Tip: Regularly use the cleaning agent that is available from our technical after-sales service.

ATTENTION

Stainless steel cleaners may remove screen-printed displays.

- ▶ You should therefore not use stainless steel cleaner in the area around the control knob.

10 Troubleshooting

You can rectify minor faults on your appliance yourself. Read the troubleshooting information before contacting after-sales service. This will avoid unnecessary costs.

⚠ **WARNING – Risk of injury!**

Improper repairs are dangerous.

- ▶ Repairs to the appliance should only be carried out by trained specialist staff.
- ▶ If the appliance is defective, call Customer Service.
→ "Customer Service", Page 10

⚠ **WARNING – Risk of electric shock!**

Improper repairs are dangerous.

- ▶ Repairs to the appliance should only be carried out by trained specialist staff.

- ▶ Only use genuine spare parts when repairing the appliance.
- ▶ If the power cord of this appliance is damaged, it must be replaced by the manufacturer, the manufacturer's Customer Service or a similarly qualified person in order to prevent any risk.

10.1 Malfunctions

Fault	Cause and troubleshooting
The general electrical operation is impaired.	The circuit breaker is faulty. ▶ Check the circuit breaker in the fuse box.
	The circuit breaker or one of the residual-current circuit breakers has been triggered. ▶ In the fuse box, check whether the circuit breaker or one of the residual-current circuit breakers has been triggered.
	The mains plug of the power cord is not plugged in. ▶ Connect the appliance to the power supply.
	There has been a power cut. ▶ Check whether the lighting in your room or other appliances are working.
Automatic ignition is not working.	Food remnants or dirt are located between the ignition plug and the burner. ▶ Clean the space between the ignition plugs and burners.
	Burner parts are wet. ▶ Carefully dry the burner parts.
	The burner parts are positioned incorrectly. ▶ Correctly position the burner parts.
	The appliance is not earthed or has not been connected correctly, or the earth cable is damaged. ▶ Contact an electrician.
The burner flame is not uniform.	The burner parts are positioned incorrectly. ▶ Correctly position the burner parts.
	Openings on the burner are soiled. ▶ Clean and dry the openings on the burner.
The gas does not appear to be flowing normally or there is no gas being produced at all.	The gas supply has been shut off by the intermediate valves. ▶ Open the intermediate valves.
	The gas cylinder is empty. ▶ Replace the gas cylinder.
There is a smell of gas in the kitchen.	The control knob is open. ▶ Close the control knob.
	The gas cylinder has not been connected correctly. ▶ Ensure that the gas cylinder has been connected correctly.
	The gas pipe to the appliance is leaking. 1. Close the main gas tap. 2. Ventilate the room. 3. Immediately call an authorised installer, who can inspect the gas system and issue an installation certificate.
	4. Do not use the appliance until you are sure that gas is not leaking from the installation or the appliance.
The burner switches off as soon as you release the control knob.	Control knob not pressed down long enough. 1. Keep the control knob pressed down for a few seconds after ignition. 2. Press the control knob down firmly.
	Openings on the burner are soiled. ▶ Clean and dry the openings on the burner.

11 Customer Service

Detailed information about the warranty period and the warranty conditions in your country is available via the QR code on the enclosed document on service con-

tacts and warranty conditions, from our customer service or on our website.

If you contact Customer Service, you will require the product number (E-Nr.) and the production number (FD) of your appliance.

You can find the contact details for our customer service via the QR code on the enclosed document on service contacts and warranty conditions or on our website.

11.1 Product number (E-Nr.) and production number (FD)

You can find the product number (E-Nr.) and the production number (FD) on the appliance's rating plate.

The rating plate can be found:

- on the appliance certificate.
- on the lower section of the hob.

Make a note of your appliance's details and the Customer Service telephone number to find them again quickly.

12 Disposal

12.1 Disposing of old appliance

Valuable raw materials can be reused by recycling.

1. Unplug the appliance from the mains.
2. Cut through the power cord.
3. Close the main gas tap.
4. Dispose of the appliance in an environmentally friendly manner.

Information about current disposal methods are available from your specialist dealer or local authority.



This appliance is labelled in accordance with European Directive 2012/19/EU concerning used electrical and electronic appliances (waste electrical and electronic equipment - WEEE).

The guideline determines the framework for the return and recycling of used appliances as applicable throughout the EU.



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Contact data of all countries are listed in the attached service directory.

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