

## BOSCH PMD83D31NX Built In Gas Hob User Manual

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# BOSCH



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Built-in gas hob

PMD83D31NX PMD83D51NX

User manual and installation instructions

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### 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

This appliance is designed only to be built into kitchen units. Read the special installation instructions.

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.

Only use this appliance:

- To prepare meals and drinks.
- Under supervision. Never leave the appliance unattended when cooking for short periods.
- In private households and in enclosed spaces in a domestic environment.
- Up to an altitude of max. 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.

## 1.3 Restriction on user group

This appliance may be used by children aged 15 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. Children must not 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 15 years away from the appliance and power cable.

## 1.4 Safe use



### **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.

The use of a gas cooking appliance results in the production of heat and moisture in the room in which it is installed. Ensure that the kitchen is well ventilated: keep natural ventilation holes open or install a mechanical ventilation device (mechanical extractor hood). Prolonged intensive use of the appliance may call for additional ventilation, for example opening of a window, or more effective ventilation, for example increasing the level of mechanical ventilation where present.



### **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 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.

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.  
Food may catch fire.
- The cooking process must be monitored. A short process must be monitored continuously.

**Escaping gas may ignite.**

- If the burner does not ignite after 15 seconds, turn the control knob to the “Off” position and open the door or window in the room. Wait at least one minute before igniting the burner again.
- 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.

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.



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

Incorrect 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 11

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 burns!**

The hob becomes hot during use.

- Care should be taken to avoid touching the heating elements.
- Metallic objects such as knives, forks, spoons and lids should not be placed on the hob as they can become hot.

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 injury!**

The product is assembled by the factory.

Users are not allowed to assemble or modify the structure. In case of failure, lack of spare parts or replacement of spare parts, please contact the after-sales service or local dealer, and do not purchase spare parts by yourself for

replacement.

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.

Cracks or fractures in the glass surface are dangerous.

- All of the burners and each electrical heating element switch off immediately and disconnect the appliance from the power supply.
- Shut off the gas supply.
- Do not touch the surface of the appliance
- Do not use the appliance.
- Call the customer service. Strong temperature fluctuations may cause the glass to break.
- When using the hob, avoid draughts and spilling cold liquids.

The production process and characteristics of tempered glass determine that there may be a very small probability of spontaneous breakage.

- Wear protective gloves.
- Call customer service.

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

- See the notes on cookware. An appliance with a cracked or broken surface can cause cuts.
- Do not use the appliance if it has a cracked or broken surface.

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

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

## **Avoiding property damage**

### **ATTENTION!**

A build-up of heat may damage the appliance.

- Use only the original accessories specified.

If there is strong wind interference when using the gas hob, the burner flames may be affected and the hob may not work properly.

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.

Moisture ingress may damage the control knobs.

- Do not use wet sponges or cloths.

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.

## **Environmental protection and saving energy**

### 3.1 Disposing of packaging

The packaging materials are environmentally compatible and can be recycled.

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

### 3.2 Saving energy

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

Cover saucepans with suitable lids.	Cooking without a lid consumes far more energy.
Lift the lid as infrequently as possible when stewing or braising.	When you lift the lid, a lot of energy escapes.
Select a suitable pan according to the amount of ingredients.	More energy will be consumed when using a large pan to heat a small amount of food.
Cook with an appropriate amount of water.	The more water in the pan, the more energy is required to heat it up.

### Applicable standards

BS EN30-1-1:2008

### Technical specifications

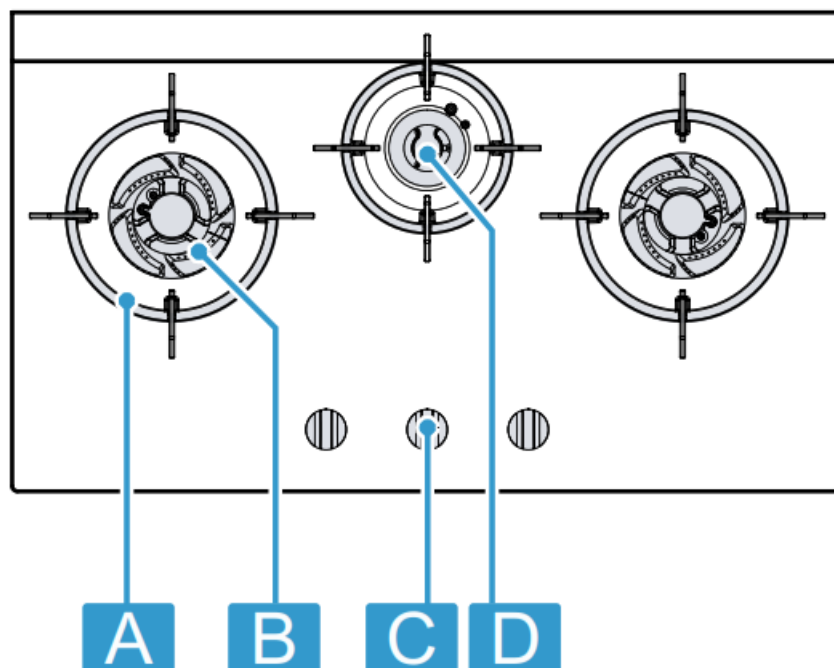
Product no.	PMD83D31NX	PMD83D51NX
Gas type	LPG	LPG
Rated gas pressure	2942 Pa	2942 Pa
External dimensions (WxDxH)	780 x 450 x 150 mm	760 x 466 x 150 mm
Cut-out dimensions (WxD)	700 x 400 mm Rounded corners 4 x R20 mm	700 x 400 mm Rounded corners 4 x R20 mm
Net weight	14 kg	11.8 kg
Gross weight	16.3 kg	14 kg
Rated heat input (left/centre/right)	4.0 kW / 2.0 kW / 4.0 kW	4.0 kW / 2.0 kW / 4.0 kW
Rated voltage	220~240 V~	220~240 V~

### Familiarising yourself with your appliance

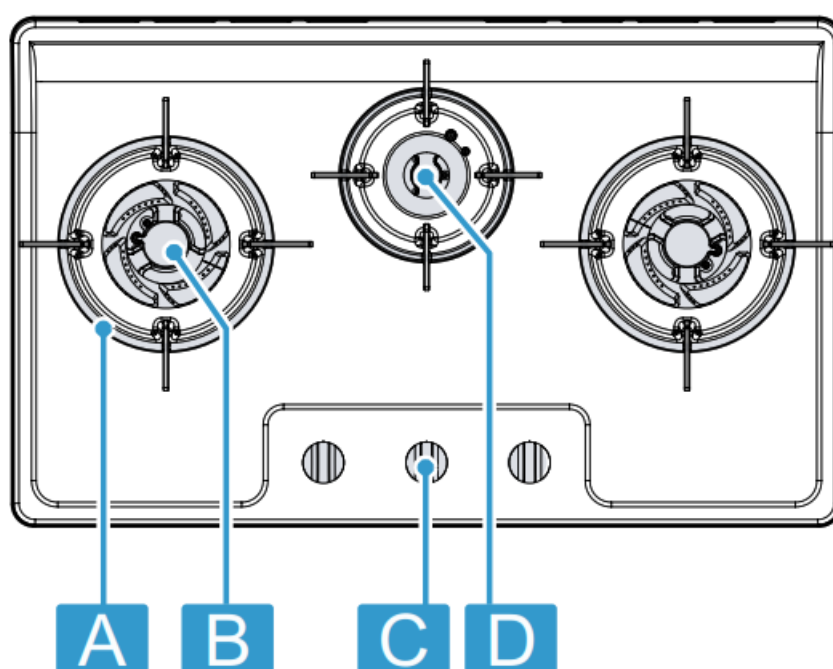
#### 6.1 Appliance

You can find an overview of the parts of your appliance here.

**PMD83D31NX**



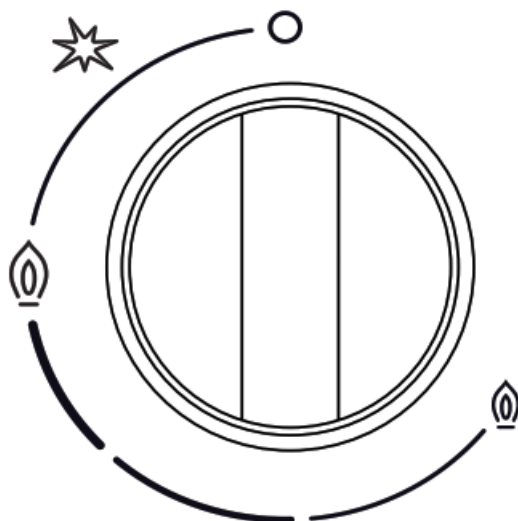
**PMD83D51NX**







A	Pan support
B	Burner
C	Control knob
D	Small burner

## 6.2 Control knob

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

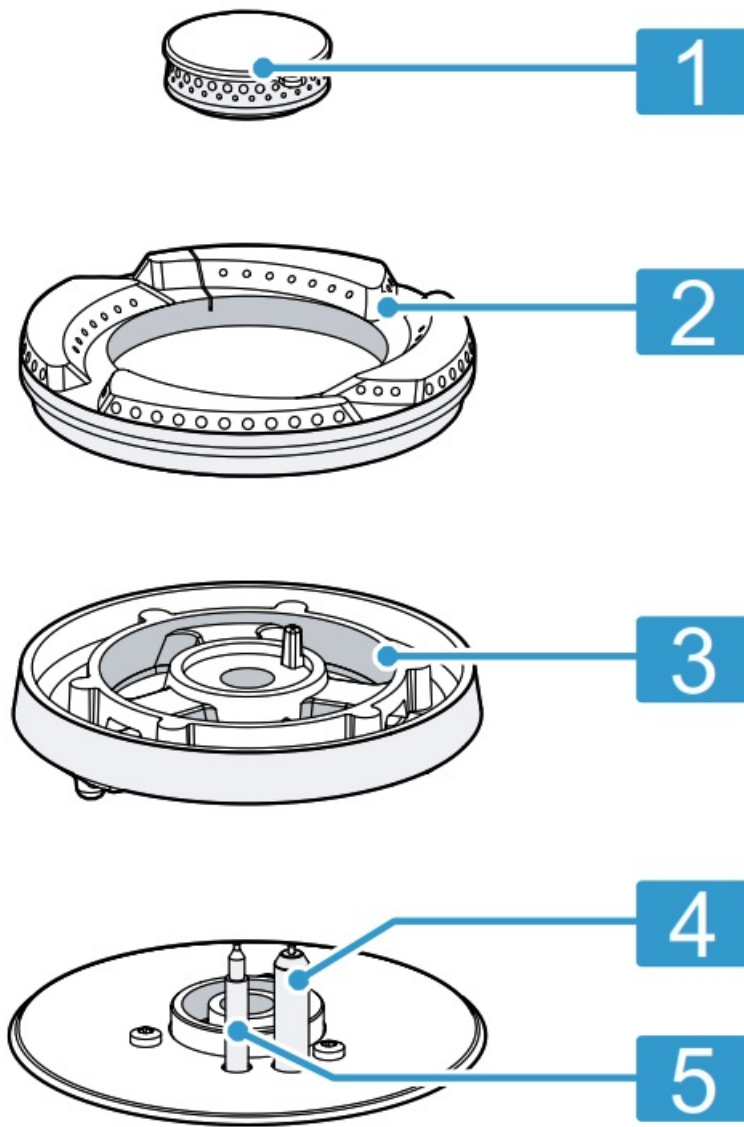


Pictogram	Description
	OFF
	Ignition
	Maximum burner setting
	Minimum burner setting

### 6.3 Burner

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

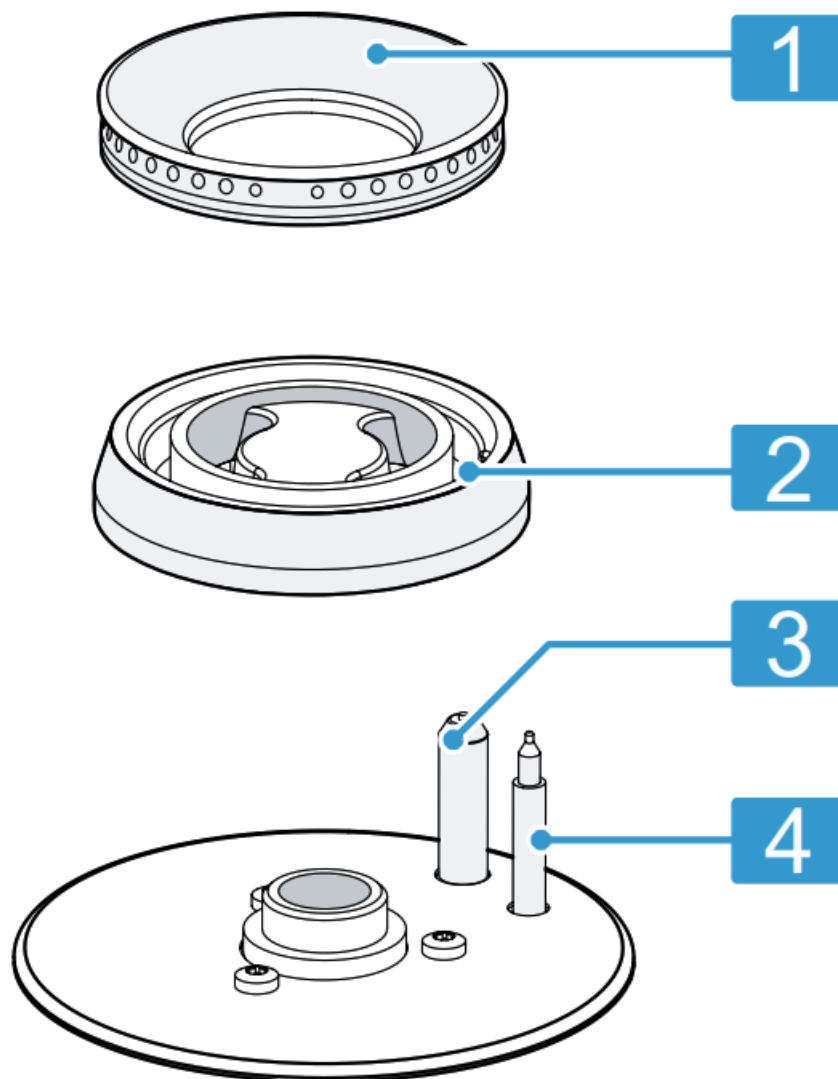




1	Burner cover
2	Burner ring
3	Burner head
4	Ignition plug
5	Thermocouple for the flame monitoring

#### 6.4 Small burner

You can find an overview of the parts of the burner [here](#).



1	Burner cover
2	Burner head
3	Ignition plug
4	Thermocouple for the flame monitoring

## Using cookware

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

### **WARNING – Risk of fire!**

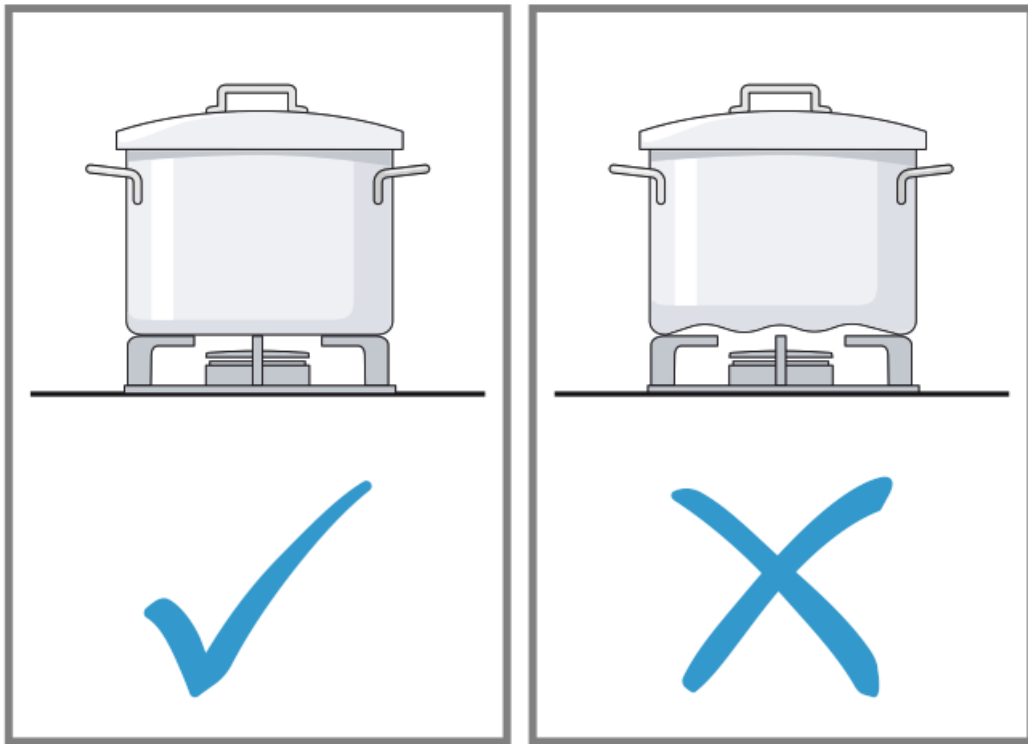
Flammable objects may ignite.

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

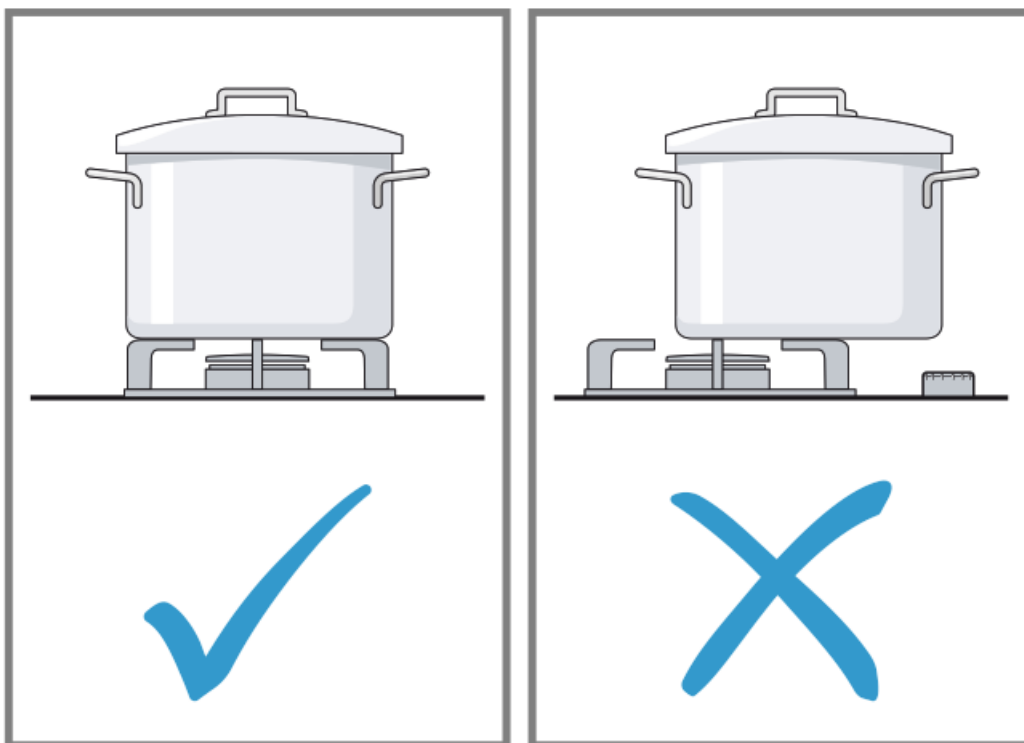
Do not use rim based or convex based vessels on the hotplate.

Using cookware that is a suitable size, the diameter of the pot bottom on the pan support is 160-320 mm, and the diameter of the pot bottom on the small pan support is 120-220 mm. Use the auxiliary pan support as needed.

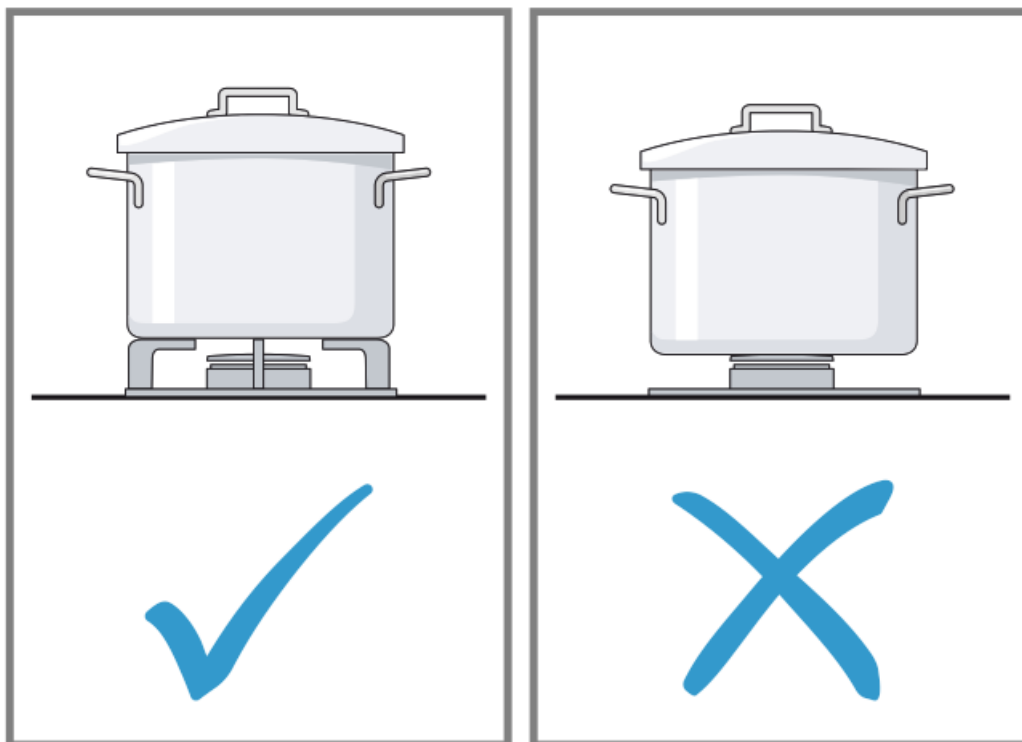
Do not use deformed cookware. Deformed cookware is not stable on the hob and may tip over. Use cookware with a thick, flat base.



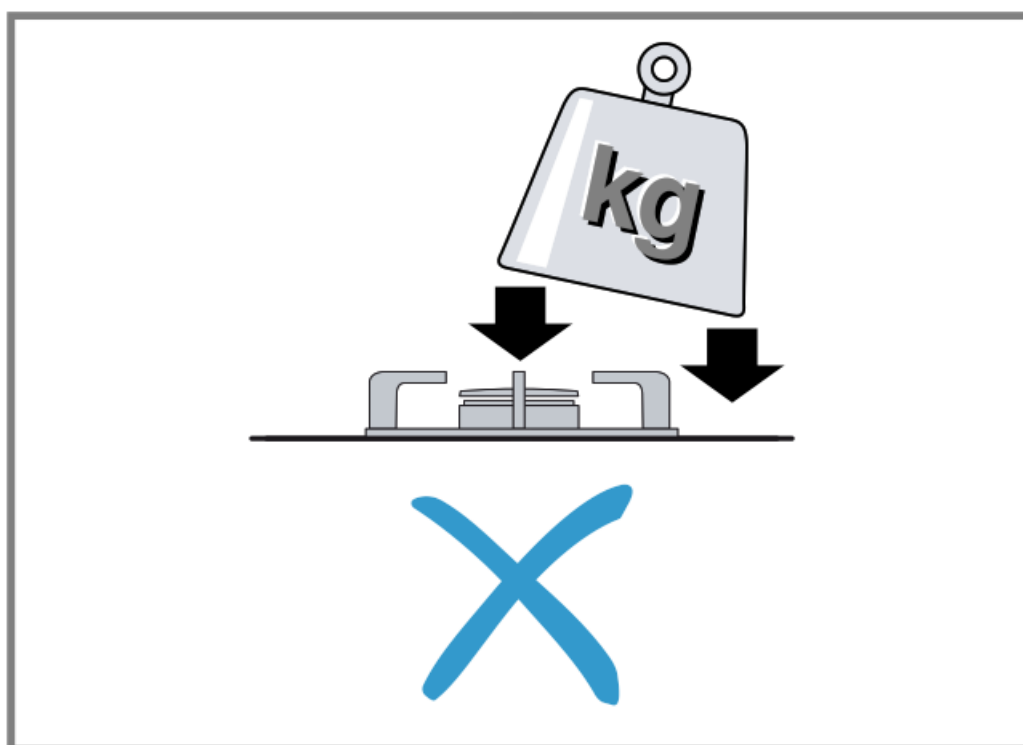
- Position the cookware in the middle of the burner, otherwise it may tip over.
- Do not position large cookware on the burners close to the controls.
- The controls may be damaged due to overheating.



Place cookware onto the pan supports. Never place cookware directly on the burner. Before using the appliance, ensure that the pan supports and gas burner caps are positioned correctly.



Handle the cookware that is on the hob carefully. Do not bang on the hob. Do not place heavy weights on the hob.



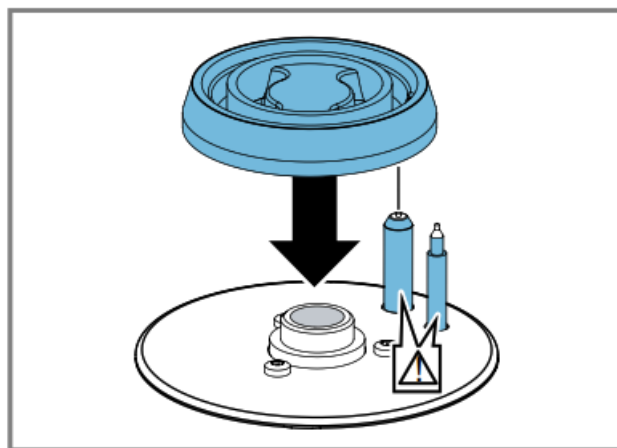
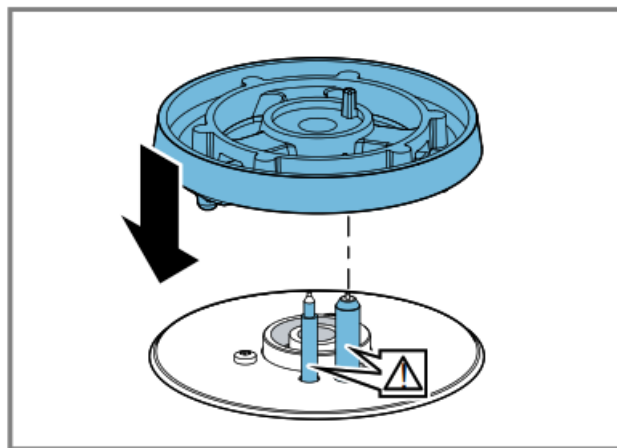
## Basic operation

### 8.1 Placing the burner parts

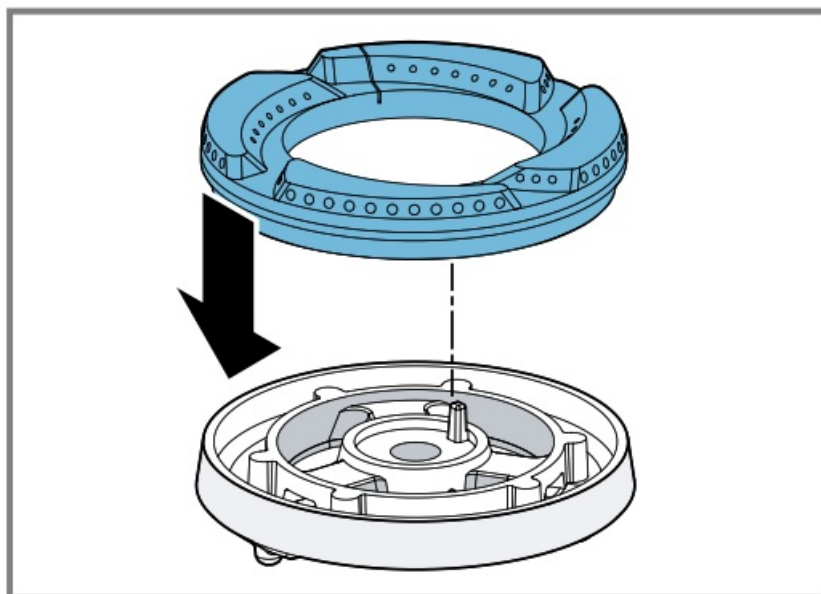
You can find out how to correctly position the burner parts here.

1. Ensure that the burner parts are clean and dry.
2. Ensure that the individual parts of the burners are fitted in their exact position and are straight; otherwise, this may result in ignition problems or problems during operation.
3. Install the burner head so that the thermocouple and spark plug are located in the corresponding slots of the

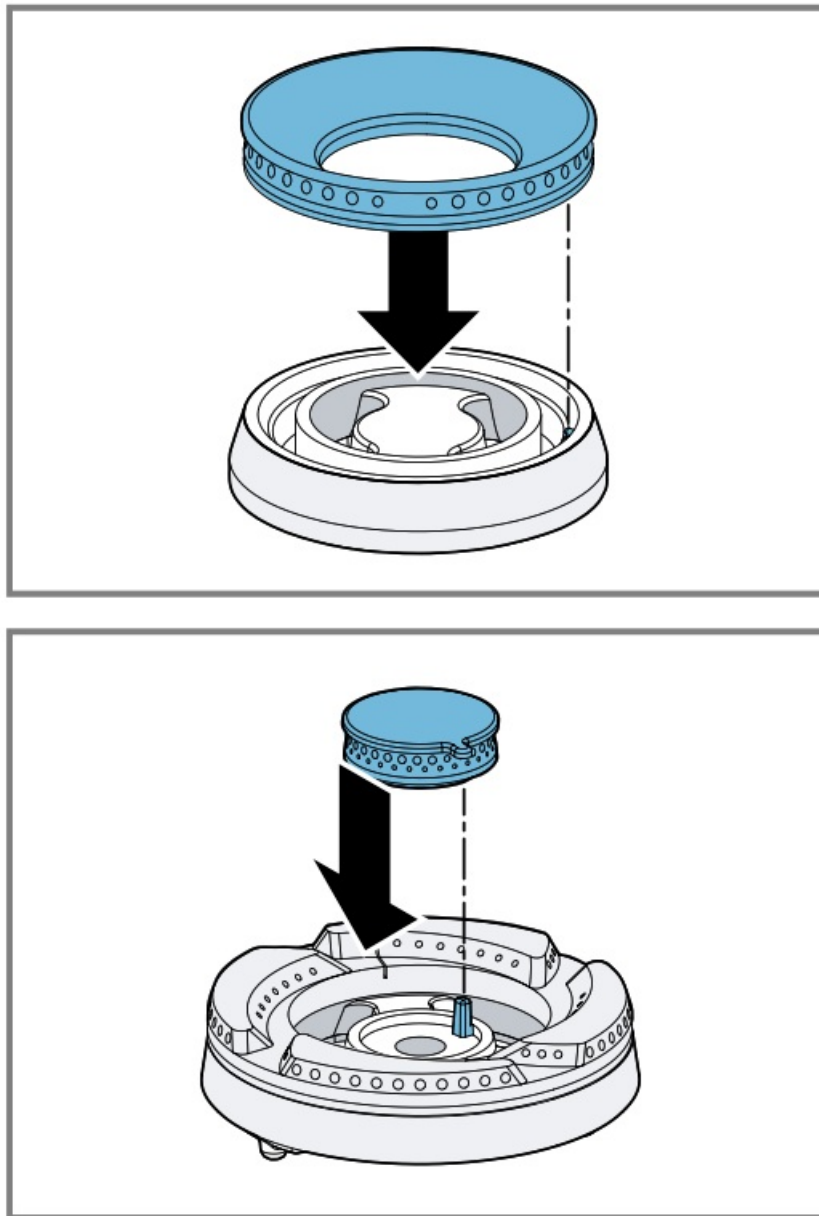
burner head.



4. The catching pin on the outer ring cap must fit into the corresponding slot on the burner head.



5. The catching pin on the inner ring cap must fit into the corresponding slot on the burner head.



## 8.2 Using suitable cookware

1. Only use cookware with a suitable diameter.
2. Ensure that the cookware does not protrude over the edge of the cooktop.

## 8.3 Starting the hob

Your hob features automatic fast ignition.

Note: Ensure that there is no leakage before operation.

1. Place a suitable pan on the pan support.
2. Choose the corresponding burner control knob.  
Press and turn it anti-clockwise to the ignition position.
  - ✓ The burner ignites automatically.
3. Turn the control knob anti-clockwise to the position you require.
  - ✓ The power of the burner flame will change accordingly.

## 8.4 Starting the hob after safety switch-off

Requirement: The safety device shuts off the gas supply to the burner if the flame is unintentionally extinguished.

1. Turn the control knob to turn off the hob.
2. Restart the hob as normal.

## 8.5 Switching off the hob

- Turn the knob clockwise to the OFF position.
- ✓ The appliance electronics shut off the gas supply.

## 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 products

You can obtain suitable cleaning products from aftersales 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 cleaning products with a high alcohol content.
- Do not use hard scouring pads or cleaning sponges.
- Do not use any special cleaners for cleaning the appliance while it is hot.
- Only use glass cleaners, glass scrapers or stainless steel care products if recommended in the cleaning instructions for the relevant part.
- Wash sponge cloths thoroughly before use.

### 9.2 Cleaning the stainless steel surfaces

1. Observe the information regarding the cleaning agents.
2. Clean using a sponge cloth and hot soapy water in the direction of the finish.
3. Dry with a soft cloth.
4. Apply a thin layer of the stainless steel cleaning product with a soft cloth.

**Tip:** You can obtain stainless steel cleaning products from after-sales service or the online shop.

### 9.3 Cleaning the control knob

#### **ATTENTION!**

Moisture ingress may damage the control knobs.

- Do not use wet sponges or cloths.

1. Observe the information regarding the cleaning agents.
2. Clean using a slightly damp sponge cloth and hot soapy water.
3. Dry with a soft cloth.

### 9.4 Cleaning the pan support manually



#### **WARNING – Risk of burns!**

The appliance becomes hot during operation.

- Allow the appliance to cool down before cleaning.

1. Carefully remove the pan support.
2. Soak the pan support in the sink.
3. Clean the pan support using a scrubbing brush and washing-up liquid.
4. Rinse the pan support with clean water.
5. Dry the pan support with a kitchen towel.

### 9.5 Discoloration of the burners

After long use, the brass burner parts become darker due to natural oxidation. This discolouration does not affect their usability.

### 9.6 Cleaning the burners

Clean the burners at least once a month. Clean the burners whenever there is dirt on the surface or the flame is uneven.

1. Wait until the burner cap has cooled before carefully removing it.
2. Remove dirt and carbon deposits from the burner openings using a steel needle and wipe with soapy water.
3. Clean the spark plug and thermocouple with a soft brush and wipe with soapy water.

Do not knock the spark plug when cleaning.

4. Dry the components completely.

Water droplets or damp patches on the hob at the start of cooking may damage the burners.

5. Carefully reinstall all of the components.

**Note:** The warranty will be invalidated if the face plate is scratched or a burner is deformed due to improper installation.

### 9.7 Using cleaning gel for burnt-on dirt

For hard-to-remove, burnt-on dirt, you can order a cleaning gel from our online shop, from your specialist retailer or via our after-sales service.

1. Follow the instructions on the cleaning product.
2. Remove the pan supports and the burner parts.
3. **ATTENTION!**

On the burner parts, the controls and the aluminium surfaces, the cleaning gel leads to damage.

► Only use the cleaning gel on the pan supports and stainless steel surfaces.

Apply the cleaning gel to the burnt-on dirt.

4. If necessary, let the dirt soak overnight.

## 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.



 **WARNING – Risk of electric shock!**  
Incorrect 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
spark plug does not start.	The mains plug of the power cord is not plugged in. ► Connect the appliance to the power supply.
	Spark plug is wet, or dirty due to food overflows. ► Dry the spark plug with a clean, dry cloth.
	Knob is not in the OFF position. ► Turn the control knob to reset, then re-ignite.
flame goes out -troubleshoot after being ignited.	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.
flame does not ignite • it has difficulty igniting.	Gas valve is closed or not fully open. ► Open the gas valve.
	There is air in the gas pipeline. ► Turn the control knob to reset, then re-ignite, pressing and holding the control knob for a few seconds to empty the air in the gas pipeline.
	Burner incorrectly fitted. ► Fit the burner correctly.
	Flame hole not aligned with ignition electrode. ► Install the burner correctly so that the flame hole is aligned with the ignition electrode.
	Burner openings are blocked. ► Clean the burner openings.
	Gas hose is pinched or kinked, causing it to become deformed. ► Check/replace the gas hose. Contact customer service. - "Customer Service", Page 11
	Water in the burner. ► Wipe or dry the burner, then re-ignite.
flame makes loud noise.	Burner incorrectly fitted. ► Fit the burner correctly.
	High gas pressure. ► Adjust the gas valve to lower the pressure.
flame extinguished during use.	Thermocouple tip is dirty. ► Clean the thermocouple.
	There has been a power cut. ► Connect the appliance to the power supply.
Short and weak flame.	Low gas pressure. ► Open the gas valve fully, or replace the gas cylinder.
Long and yellow flame.	Burner openings are blocked. ► Clean the burner openings.
Red flame.	Aging gas pipe or leaking joint. ► Open windows for ventilation, then contact customer service. Burner does not ignite. ► Open windows for ventilation, then re-ignite.

Detailed information on the warranty period and terms of warranty in your country is available from our aftersales service, your retailer or on our website.

If you contact Customer Service, you will require the product number (E-Nº) and the production number (FD) of your appliance.

The contact details for Customer Service can be found in the enclosed Customer Service directory or on our website.

### **11.1 Product number (E-Nº) and production number (FD)**

You can find the product number (E-Nº) and the production number (FD) on the appliance's rating plate.

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

## **Installation instructions**

Observe this information when installing the appliance.



### **12.1 Safe installation**

Follow these safety instructions when installing the appliance.

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.



#### **WARNING – Risk of injury!**

Parts that are accessible during installation may have sharp edges and may lead to cutting injuries.

► Wear protective gloves



#### **WARNING – Risk of fire!**

The gas hob becomes very hot, other objects may ignite.

► The gas hob should be installed at distance of at least 1 m to the kitchen ceiling.



#### **WARNING – Risk of explosion!**

Escaping gas may cause an explosion.

- Only a licensed professional may connect the appliance.
- Switch off the power and gas supply before carrying out any work on the appliance.
- For the installation, observe the currently valid building regulations and the regulations of the local electricity and gas suppliers.
- After connecting the appliance to the gas supply, always check the connection for leak tightness. The manufacturer accepts no responsibility for any gas leakage caused by a third party due to gas installation. Escaping gas may cause an explosion or result in poisoning.
- Ensure that the installation area is well ventilated.
- Make sure that there is a door leading to the open air or a window that can be opened.

This appliance is not connected to a combustion products evacuation device. It shall be installed and connected in accordance with current installation regulations. Particular attention shall be given to the relevant requirements regarding ventilation.

#### **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.

### **ATTENTION!**

Prior to installation, ensure that the local distribution conditions (nature of the gas and gas pressure) and the adjustment of the appliance are compatible. The adjustment conditions for this appliance are stated on the label (or data plate).

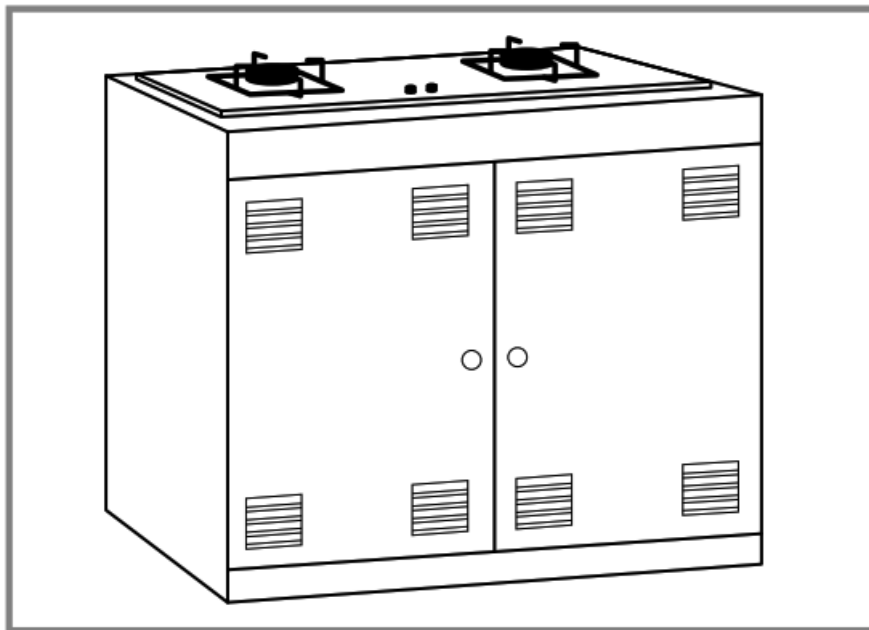
### **12.2 Information about the installation room**

For safe operation, observe the following information regarding the installation room.

- This appliance complies with appliance class 3 for installation in a kitchen cupboard.
- Install the appliance in accordance with the installation diagram.
- Ensure that the wall behind the appliance is made of non-combustible material.
- This appliance must not be installed on boats or in vehicles.

### **Ventilation**

For the installation of the cabinet of built-in cooking appliance, the hole-opening shall conform to the ventilation requirement and be through to the atmosphere. Otherwise, the deposition of leaked gas may lead to explosion. The cooktop ventilation pipe opening should be a minimum of 100 cm<sup>2</sup>.



A space of min. 100 mm in height should be kept available below the cooktop.

### **12.3 Gas connection instructions**

Please observe these precautions to ensure safe and reliable connection of the appliance.

- For the installation, observe the currently applicable building regulations and the regulations of the local gas suppliers.
- Ensure that the information on the rating plate regarding the gas type and gas pressure complies with the local connection conditions.
- The gas connection must be arranged so that the shut-off valve is accessible. The appliance comes with two connection elbows (appliance-side G $\frac{1}{2}$ "). Select the right version according to the country:
- ISO 228 G 1/2 cylindrical
- EN 10226 R 1/2 conical

Use one of the supplied connection elbows and the corresponding seal to connect the appliance to a fixed power cable or a gas safety hose. The safety gas hose should not exceed a length of 2 ·m, and must have no connectors. Please pay attention to the instructions regarding the safety gas hose:

- The gas safety hose must not come into contact with moving parts of the fitted unit (e.g. drawers) or be routed in areas where it could become trapped or damaged.
- The gas safety hose must not come into contact with a hob, oven, dishwasher, refrigerator, washing machine, hot water pipes, radiator or any other appliance installed next to or below the gas hob.
- The gas safety hose must not be subject to rubbing, vibrations, kinking or any other kind of deformation. It should be checked along its entire length with the hob in the installation position.

## 12.4 Information about the electrical connection

In order to safely connect the appliance electrically, observe this information.



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

It must always be possible to disconnect the appliance from the electricity supply. The appliance must only be connected to a protective contact socket that has been correctly installed.

- The mains plug of the mains power cable must be easily accessible after installation of the appliance.
- If this is not possible, an all-pole isolating switch must be integrated into the permanent electrical installation according to the conditions of overvoltage category III and according to the installation regulations.
- The permanent electrical installation must only be wired by a professional electrician. We recommend installing a residual-current circuit breaker (RCCB) in the appliance's power supply circuit. Sharp-edged or hot components inside the appliance may damage the connection cable.
- Do not kink or trap the connection cable.
- Do not route the connection cable along hot surfaces.

Incorrect 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.
  - Ensure that the information on the rating plate regarding the output and voltage complies with the local connection conditions.
  - The appliance corresponds to protection class 1.  
You should therefore only use the appliance with a protective earth connection.
  - Do not connect the appliance to the power supply during installation.
  - Ensure that the protection against contact is guaranteed during installation.
  - Only a qualified electrician may connect appliances without a plug. They are subject to the requirements of the local electricity provider.
  - Do not use the appliance with an external timer or a remote control.
  - The appliance must only be connected using the power cable provided.

## 12.5 Included in delivery

After unpacking all parts, check for any damage in transit and completeness of the delivery.

Name	Quantity
Gas hob	1 unit
Instructions for installation and use	1 copy
Burner	3 sets
Pan support	3 pcs
Inlet	1 pc
Worm clip	2 pcs

## 12.6 Checking the unit

► Check whether the kitchen unit worktop is strong and level.

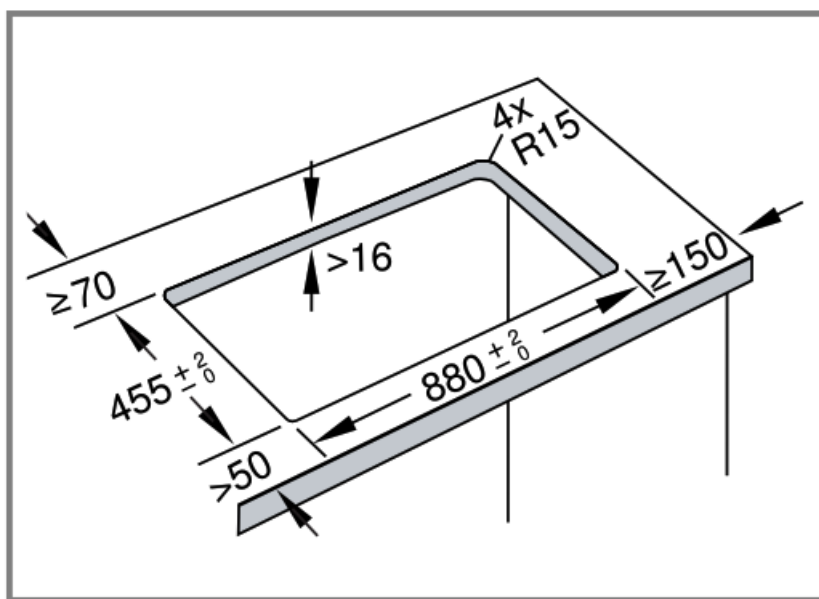
Worktop thickness > 16mm, width  $\geq 550$ mm.

## 12.7 Preparing the unit

Requirement: The unit is suitable for installation.

1. **Note:** Check the technical specifications of the appliance and select the cavity dimensions corresponding to the model.

Make a cut-out in the worktop, depending on the installation position.



The angle between the cut surface and the worktop must be 90°.

2. Ensure that the worktop has sufficient load-bearing capacity and stability.  
Use a heat- and humidity-resistant reinforcing material for any substructure.
3. Ensure that the fitted unit is still stable after the cutouts have been made.
4. Remove any shavings.

## 12.8 Installing the appliance

► Lift the hob horizontally and slowly place it into the opening in the worktop until the edge of the hob is fully in contact with the worktop.

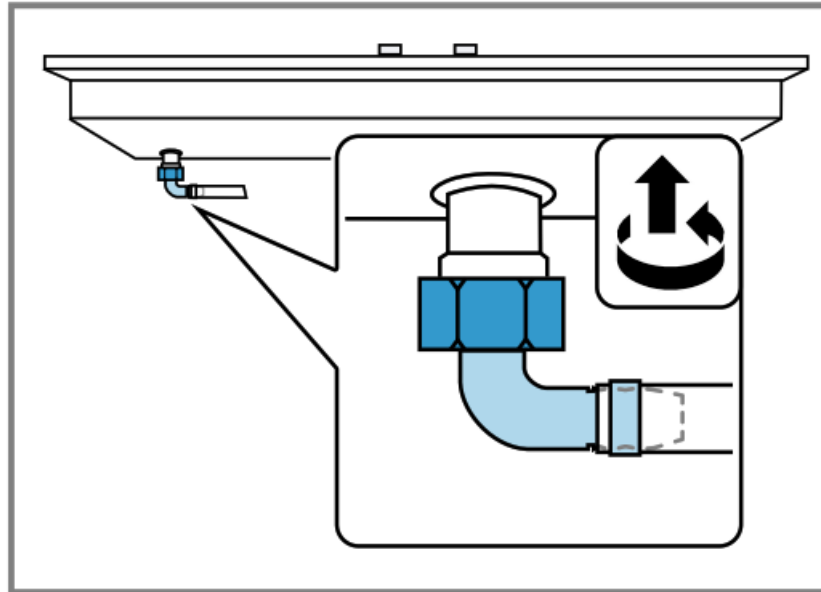
## 12.9 Connecting a non-metallic gas hose

Requirement: The gas hose must meet the requirements.

1. **Note:** Please read the installation instructions for the gas hose carefully and install in strict accordance with the

regulations.

Use the connection elbow and corresponding seal to connect the appliance to the gas hose.



2. Connect the other end of the gas hose to the gas valve.
3. The connection between the gas hose and gas pipeline must be secured by a compression nut or pipe clamp.
4. Perform a gas leak test.

#### 12.10 Gas leak test

Use soapy water to test for leaks

1. Use a soft brush dipped in soapy water to coat the connecting section of the gas pipeline.
2. Open the gas valve and carefully observe whether bubbles form.  
If bubbles form, close the gas valve immediately.
3. Adjust the leaking connecting section.
4. Repeat the above steps until there are no air bubbles on the connecting section.

#### 12.11 Connecting the appliance to the electricity supply

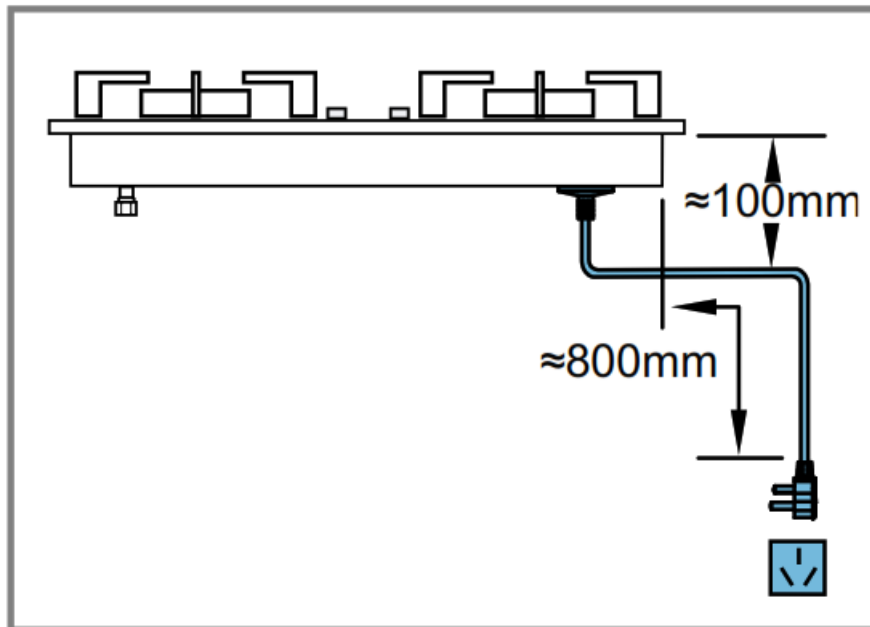
1. Insert the mains plug of the appliance's power cable in a socket nearby.
2. Check the mains plug is inserted properly.  
✓ The appliance is now ready for use.

#### Power cable

The power cable is fixed on the right of the appliance.

Make sure it is safety and grounded when you use it.

The socket should be away from the gas and air inlet, and it is recommended to be fixed on the right side of the appliance.



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**Documents / Resources**





**[BOSCH PMD83D31NX Built In Gas Hob](#)** [pdf] User Manual  
PMD83D31NX, PMD83D51NX, PMD83D31NX Built In Gas Hob, Built In Gas Hob, Gas Hob, Hob

## References

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