



BOSCH
Invented for life



EN Instruction manual

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Safety information

Read the instructions in this manual carefully. Keep the operation and installation instructions. The corresponding manual must be passed on to any subsequent owner.

This instruction manual is for use with both stand-alone ovens and oven-hob combinations. Read the instruction manual supplied with the hobs of oven-hob combinations to find out how their hob controls work.

Before installation

Transport damage

Check the appliance after removing it from its packaging. Do not connect an appliance that has been damaged in transit.

Electrical connection

Only an authorised technician may connect the appliance. The guarantee will be void if damage is caused by incorrect connection.

Before using the appliance for the first time, you must ensure that your domestic electrical system is earthed and meets all the current safety regulations. An authorised technician should install and connect your appliance.

Use of this appliance without an earth connection or if incorrectly installed can cause serious injuries (i.e. an injury or death from electrocution), although this is very rare.

The manufacturer accepts no responsibility for any malfunction or damage which is caused by unsuitable electrical installations.

Information for your safety

This appliance is intended for domestic use only. This appliance must only be used for food preparation.

Adults and children must not operate the appliance without supervision,

- if they are physically or mentally incapable of doing so or
- if they lack the knowledge and experience.

Never let children play with the appliance.

Oven door

The oven door must remain closed when the oven is switched on. As a precaution, we recommend that you keep the oven door closed even when the oven is switched off.

Hot cooking compartment

There is a risk of burns.

Never touch the interior surfaces of the cooking compartment or the heating elements. Open the appliance door carefully. Hot steam may escape. Small children must be kept at a safe distance from the appliance.

There is a risk of fire.

Never store combustible items in the cooking compartment.

Never open the appliance door if there is smoke inside. Switch off the appliance. Pull out the mains plug or switch off the appliance by the fuse in the fuse box.

There is a risk of short-circuiting.

Never trap connecting cables of electrical appliances in the hot appliance door. The cable insulation could melt.

There is a risk of scalding

Never pour water into the hot cooking compartment. This will cause hot steam.

There is a risk of burns.

Never prepare food containing large quantities of drinks with a high alcohol content. Alcoholic vapours can catch fire in the cooking compartment. Only use small quantities of drinks with a high alcohol content and open the appliance door carefully.

Hot accessories and ovenware

There is a risk of burns.

Never remove ovenware and accessories from the cooking compartment without an oven cloth or oven gloves.

Incorrect repairs

There is a risk of electric shock.

Incorrect repairs are dangerous. Repairs may only be carried out by one of our experienced after-sales engineers.

If the appliance is defective, pull out the mains plug or switch off the appliance by the fuse in the fuse box. Call the after-sales service.

Enhanced safety for the door

With certain recipes which require extended use of the oven at high temperatures, the oven door may become extremely hot.

If you have small children at home, keep an eye on them while the oven is on.

A safety device which prevents direct contact with the oven door is also available. This optional accessory (671383) may be obtained from our Technical Assistance Service.

Items that may damage the appliance

Accessories, pans, film, greaseproof paper or aluminium foil on the oven floor

Do not place any accessory on the oven floor. Do not cover the oven floor with any type of film or paper. Do not place any cookware on the oven floor if the temperature is set at more than 50°C.

It will get too hot. Oven and cooking times will be inaccurate and the enamel will be damaged.

Water in a hot oven

Do not pour hot water into a hot oven. Steam will be produced. The resulting changes in temperature may damage the enamel and/or accessories.

Liquid foods

Do not keep liquid foods for an extended period inside the oven with the door closed. This would damage the enamel.

Fruit juices

Do not overfill the tray when baking pies containing juicy fruits. Fruit juice spilling from the tray will cause stains that will be impossible to remove.

Use the deep enamel tray whenever possible.

Leaving the door open when the oven is cooling down

The oven must only be left to cool with the door closed. Even if the oven door is left only slightly open, the fronts of nearby kitchen units may be damaged over time.

Dirty oven seal

A very dirty oven seal will prevent the oven door from remaining properly closed during operation. The fronts of nearby kitchen units may be damaged. Keep the oven door seal clean at all times.

The oven door as a support surface

Do not rest or sit on the oven door when it is open. Do not place any cookware or accessory on the oven door.

Moving the appliance

Do not use the door handle to move or secure the appliance;

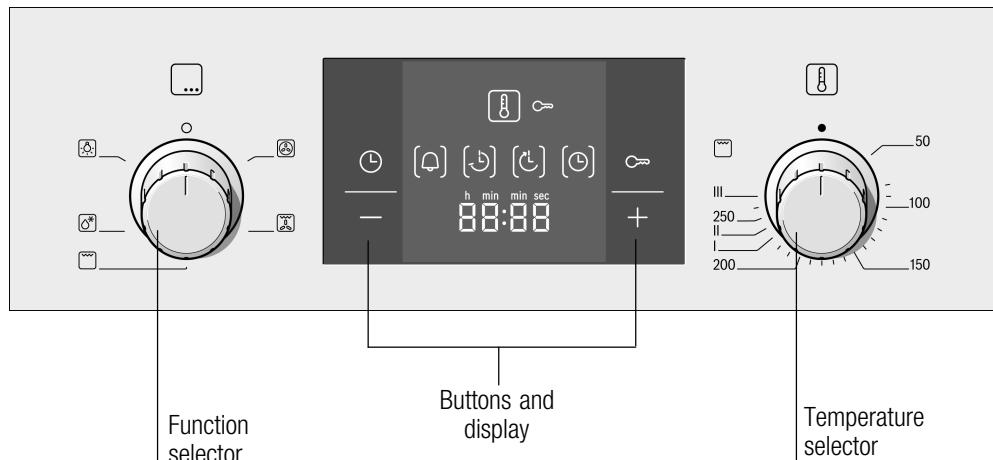
- the handle cannot take the weight of the appliance and may break
- the glass panel of the oven door might move, causing a misalignment between the front panel and the glass panel.

Your new oven

We will now describe your new oven. This chapter explains the functions of the control panel and its individual elements. Information is also provided about the oven's accessories and internal components.

Control panel

Here is an overview of the control panel. The display never shows all of the symbols at the same time. Discrepancies in the data are possible, depending on the appliance model.



Buttons

The sensors are located under the individual buttons. They must not be pressed too firmly. Only touch the corresponding symbol.

Function control knob

Setting

Zero

 Hot air*

 Grill with hot air

 Grill, large surface area

 Defrosting

 Light

The function control knob is used to select the type of heating.

Use

The oven is turned off.

For cakes and pastries. These can be baked on two levels. A fan located on the rear wall of the oven disperses the heat evenly.

For roasting joints of meat, poultry and fish.

The grill heating element and the fan switch on and off alternately. The fan circulates the heat generated by the grill around the food.

For grilling steaks, sausages, and fish and toasting bread. The entire surface below the grill heating element is heated.

Defrosting, e.g. meat, poultry, bread and cakes.

The fan circulates the hot air around the food.

For turning on the oven light.

* Type of heating used to determine the appliance energy efficiency rating according to EN50304.

Once a type of heating has been selected the oven light is turned on.

Buttons and display

You can use the buttons to set various additional functions. You can read the values that you have set in the display.

Button

 Time setting options

 Childproof lock

 Minus

 Plus

Use

Selects the timer , cooking time 

Locks and unlocks the control panel.

Decreases set values.

Increases set values.

The time setting option that is currently selected in the display is indicated by the brackets [] around the corresponding symbol.

Exception: for the clock, the  symbol only lights up when you are making changes.

Temperature knob

The temperature knob is used to select the temperature or the grill power level.

Setting	Meaning
●	Zero setting The oven does not heat up
50-270	Temperature range The temperature inside the oven in °C
I, II, III	Grill power levels The grill settings for the grill, large area  I = level 1, low II = level 2, medium III = level 3, high

When the oven is heating up, the  symbol lights up on the indicator panel. This light goes off when the oven reaches the required temperature. The symbol does not light up with the light  or the defrosting function .



If grilling for more than 15 minutes, turn the temperature knob to the low setting.

Cooking compartment

Cooling fan

The oven light is located in the cooking compartment. A cooling fan protects the oven from overheating.

The cooling fan switches on and off as required. The hot air escapes above the door. Caution. Do not cover the ventilation slots. Otherwise the oven will overheat.

So that the cooking compartment cools down more quickly after operation, the cooling fan continues to run for a certain period afterwards.

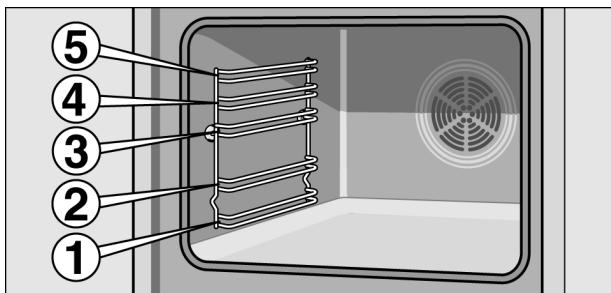
Oven light

During operation, the oven light in the cooking compartment is on. The  setting on the function selector can be used to switch on the light without heating the oven.

Racks

Racks may be positioned in the oven at 5 different heights.

Up to 2/3 of a rack may be pulled out without it tipping over. This makes it easy to remove food.



Racks may deform as they heat up. Once they have cooled, the deformation disappears and their operation is unaffected.

Your oven is supplied with only some of the following accessories.

You can buy accessories from the after-sales service, from specialist retailers or online. Please specify the HEZ number.

Shelf



For pans, cookware, baking tins, roasts, items placed directly on a shelf and frozen meals.

Put the shelf in the oven so that it is curving downwards .

Flat enamel baking tray



For cakes and biscuits.

Place the baking tray in the oven with its raised lip facing the door.



Deep enamel baking tray

For runny cakes, pastries, frozen meals and large joints for roasting. This can also be used as a tray to collect the fat when roasting directly on the shelf.

Place the deep enamel baking tray in the oven with its raised lip facing the door.

Special accessories

Special accessories may be purchased from a specialist retail outlet or the Technical Assistance Service.

The availability of special accessories varies from country to country. Consult your purchase documentation.

Enamel baking tray HEZ 361000	For cakes and biscuits.
Universal pan HEZ 362000	For runny cakes, pastries, frozen meals and large joints for roasting. This can also be used as a tray to collect the fat when roasting directly on the shelf.
Shelf HEZ 364000	For kitchen pans, cookware, baking tins, roasts, items placed directly on a shelf and frozen meals.
Glass tray HEZ 366000	Deep glass dish. Ideal as a serving dish.
Pizza tray HEZ 317000	Ideal for pizza, frozen foods, round or large cakes. The pizza tray may be used instead of the universal pan. Place the tray on the shelf and follow the indications in the tables.
Metal casserole dish HEZ 26000	The casserole dish may be used on the roasting areas of the ceramic hob. It is ideal when using cooking sensors and for automatic roasting. The casserole dish is enamelled on the outside and has a non-stick internal coating.
Glass casserole dish HEZ 915001	The glass casserole dish is ideal for preparing stews and foods that need browning in the oven. It is particularly suitable for automatic roasting.
Three racks for complete removal of cookware HEZ 338356	Three heights 1, 2 and 3 ensure that accessories can be fully removed without them tipping over.

Before using your oven for the first time

The steps that must be followed before using your oven for the first time are shown below.

First read the chapter entitled *Safety Information*.

Setting the time

After the appliance has been connected, the  symbol and four zeros light up on the display. Set the time.

1. Press button .

The time 12:00 is shown in the display.

2. Set the time with button  or .

After a few seconds, the time set is adopted.

Heating the oven

To remove the "new" smell, heat the oven empty with the door closed. The most effective option is to heat the oven for one hour with the top and bottom heating elements  set at 240°C.

Check that no packaging has been left inside the oven.

1. Select top and bottom heating  using the function control knob.

2. Select 240°C with the temperature knob.

Turn the oven off after one hour. To do this, turn the function control knob to zero.

Cleaning the accessories

Before using the accessories for the first time, clean them thoroughly using a cloth, hot water and a little soap.

Setting the oven

There are various ways in which you can set your oven. In it, we will explain how you can select the desired type of heating and temperature or grill setting.

You can select the oven cooking time and end time for your dish. Please refer to the section on *Setting the time setting options*.

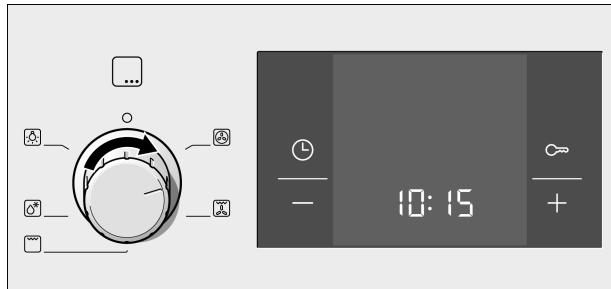
Note

It is recommended that you preheat the oven before putting food in to avoid excess condensation on the glass.

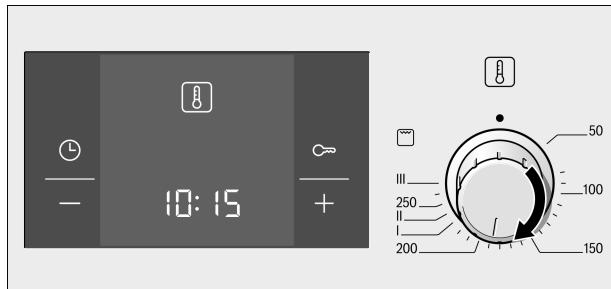
Type of heating and temperature

Example in the picture: top and bottom heat at 190°C

1. Select the type of heating using the function control knob.



2. Select the temperature or grill power level with the temperature knob.



The oven starts to heat up.

Turning off the oven	Set the function control knob to the zero position.
Altering the settings	The type of heating and the temperature and grill power levels may be altered at any time using the corresponding control knob.

Setting the time setting options

Your oven has different time setting options. Use button  to access the menu and switch between the individual functions. While you can make settings, all time symbols are lit. The brackets [] show you which time function you have currently selected. A time function which has already been set can be changed directly with button **+** or **-**, when its time symbol is in brackets.

Timer

You can use the timer as a kitchen timer. It runs independently of the cooking compartment. The timer has its own signal. In this way, you can tell whether it is the timer or a cooking time which has elapsed.

1. Press button  once.
The time symbols light up in the display, and the brackets are around .
2. Set the timer duration with buttons **+** or **-**.
Button **+** default value = 10 minutes
Button **-** default value = 5 minutes

After a few seconds, the duration set is adopted. The timer starts. In the display, symbol [] lights up and the timer period starts to run down. The other time symbols go out.

The timer duration has elapsed

A signal sounds. 00:00 is showing in the display. Switch off the timer with button .

Changing the timer period

Use button **+** or **-** to change the timer duration. After a few seconds, the change will be adopted.

Clearing the timer period

Use button **—** to switch the timer duration back to 00:00. After a few seconds, the change will be adopted. The timer is switched off.

Calling up the time settings

If several time settings have been set, the corresponding symbols light up in the display. The timer runs in the foreground. Symbol **⌚** is in brackets and the timer period starts to run down.

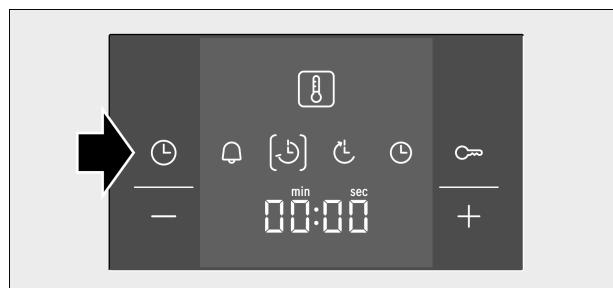
To call up the timer **⌚**, cooking time **⌚**, end time **⌚** or clock **⌚**, press button **⌚** repeatedly until the brackets are around the relevant symbol. The value is shown on the display for a few seconds.

Cooking time

The cooking time for your dish can be set on the oven. When the cooking time has elapsed, the oven switches itself off automatically, so you do not have to interrupt other work to switch off the oven. The cooking time cannot be accidentally exceeded.

Example in figure: Cooking time of 45 minutes.

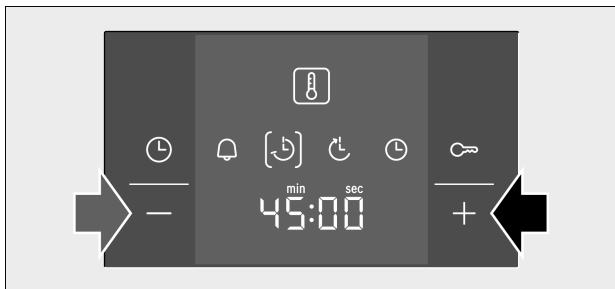
1. Use the function selector to set the type of heating.
2. Use the temperature selector to set the temperature or grill setting.
3. Press the **⌚** button twice.
00:00 is shown in the display. The time symbols light up and brackets are around **⌚**.



4. Use the **+** and **-** buttons to set the cooking time.

+ button default value = 30 minutes

- button default value = 10 minutes



The oven will start up after a few seconds.

The cooking time counts down in the display and the [⌚] symbol lights up. The other time symbols go out.

The cooking time has elapsed

A signal sounds. The oven stops heating. 00:00 is shown in the display.

Press the **⌚** button. The **+** or **-** button can be used to set a new cooking time.

Or press the **⌚** button twice and turn the function selector to the off position. The oven switches off.

Changing the cooking time

Use the **+** or **-** button to change the cooking time. After a few seconds, the change will be adopted. If the timer has been set, first press the **⌚** button.

Cancelling the cooking time

Use the **-** button to set the cooking time back to 00:00. After a few seconds, the change will be adopted. The cooking time is cancelled.

If the timer has been set, first press the **⌚** button.

Calling up the time settings

If several time functions have been set, the corresponding symbols light up in the display. The symbol for the time function that is visible in the display is shown in brackets.

To call up the **⌚** timer, **⌚** cooking time, **⌚** end time or **⌚** clock, press the **⌚** button until the brackets are around the relevant symbol. The time requested is shown for a few seconds in the display.

End time

You can delay the time at which your dish is to be ready. The oven starts automatically and finishes at the desired time.

For example, you can place your dish in the cooking compartment in the morning and set the oven so that it is ready at lunchtime.

Ensure that the food is not left in the cooking compartment for too long as it may spoil.

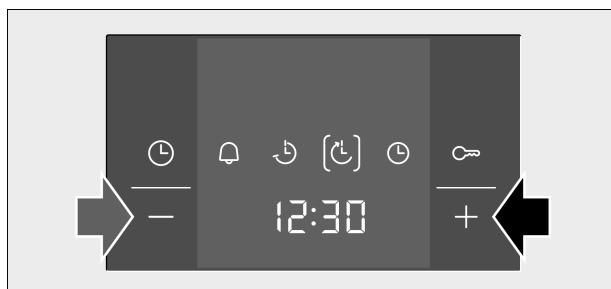
Example in figure: It is 10:30, the cooking time is 45 minutes and the oven is required to finish cooking at 12:30.

1. Setting the function selector.
2. Setting the temperature selector.
3. Press the \odot button twice.
4. Use the $+$ and $-$ buttons to set the cooking time.
5. Press the \odot button.

The brackets are around \odot . The time at which the dish will be ready is shown.



6. Use the $+$ and $-$ buttons to set a later end time.



After a few seconds, the oven adopts the settings and switches to standby position. The time at which the dish will be ready is shown in the display and the  symbol is in brackets. The  and  symbols go out. When the oven starts, you can see the cooking time counting down in the display and the  symbol is in brackets. The  symbol goes out.

The cooking time has elapsed

A signal sounds. The oven stops heating. 00:00 is shown in the display.

Press the  button. The  or  button can be used to set a new cooking time.

Or press the  button twice and turn the function selector to the off position. The oven switches off.

Changing the end time

Use the  or  button to change the end time.

After a few seconds, the change will be adopted.

If the timer has been set, first press the  button twice.

Do not change the end time if the cooking time has already started to count down. The cooking result would no longer be correct.

Cancelling the end time

Use the  button to set the end time back to the current time. After a few seconds, the change will be adopted. The oven starts.

If the timer has been set, first press the  button twice.

Calling up the time settings

If several time functions have been set, the corresponding symbols light up in the display. The symbol for the time function that is visible in the display is shown in brackets.

To call up the  timer,  cooking time,  end time or  clock, press the  button until the brackets are around the relevant symbol. The time requested is shown for a few seconds in the display.

Time

After the appliance is connected or after a power cut, the [⌚] symbol lights up in the display with four zeros. Set the time.

1. Press the ⌚ button.

The time 12:00 is shown in the display.

2. Set the time with the + or - button.

After a few seconds, the time set is adopted.

Changing the time

No other time function should be set.

1. Press the ⌚ button four times.

The time symbols light up in the display and brackets are around ⌚.

2. Change the time with button + or -.

After a few seconds, the time set is adopted.

Hiding the clock

You can hide the clock. Please refer to the section on *Changing the basic settings*.

Childproof lock

The oven has a childproof lock to prevent children switching it on accidentally.

The oven will not react to any settings. The timer and clock can also be set when the childproof lock has been switched on.

If the type of heating and temperature or grill have been set, the childproof lock interrupts the heating.

Switching on the childproof lock

No cooking time or end time should have been set.

Press button ☛ for approximately four seconds.

Symbol ☛ appears on the display.

The childproof lock is switched on.

Switching off the childproof lock

Press button ☛ for approximately four seconds.

Symbol ☛ on the display goes out.

The childproof lock is switched off.

Modifying the basic settings

The oven has different basic settings. These settings can be adapted to the user's personal requirements.

Basic setting	Option 1	Option 2	Option 3
c1 Time display	Always show the time display*	Hide the time display	–
c2 Duration of signal after the cooking time or the time set on the timer has elapsed	Approx. 10 s	Approx. 2 mins*	Approx. 5 mins
c3 Time delay for a setting to be applied	Approx. 2 s*	Approx. 5 s	Approx. 10 s

* Manufacturer's setting

The following can only be done if no other time functions have been programmed.

1. Press the  button for approximately 4 seconds. The indicator panel will show the current basic setting for the time, e.g. c1 for Option 1.
2. Modify the basic setting using the  or  buttons.
3. Confirm using the  button. The indicator panel will show the next basic setting. Move through the different levels using the  button and modify the setting using the  or  buttons.
4. Press the  button for approximately 4 seconds to end.

All the basic settings have been applied.

The basic settings may be modified again at any time.

Note

The basic settings will not be retained if the appliance is switched off at the mains or there is a power cut. The oven will be reset to the manufacturer's settings.

Care and cleaning

If cleaned and properly cared for, your oven will keep its bright appearance and operating performance for many years to come. Advice on how to care for and clean your oven is provided below.

Suggestions and warnings

Different colours may be seen in your front panel due to the various materials used in its manufacture, such as glass, plastic and metal.

Dark patches in the door's glass panel may seem to be dirt but they are in fact reflections from the oven light.

Enamel burns at very high temperatures. This may cause slight discolouration. This is normal and does not affect the oven's operation.

The edges of thin baking trays may not be completely enamelled. They may therefore feel slightly rough, although their corrosive protection will be unaffected.

Cleaning products

Follow the information provided in the table to avoid damaging the various oven surfaces by using unsuitable cleaning products.

Do not use:

- abrasive or acidic cleaning products,
- scourers or hard sponges,
- high-pressure or steam cleaners.

Wash new cloths thoroughly before use.

Zone	Cleaning products
Front panel	Hot water and a little soap: Clean with a dishcloth and dry with a soft cloth.
Stainless steel	Hot water and a little soap: Clean with a dishcloth and dry with a soft cloth. Immediately remove any water marks, grease, cornflower or egg white stains since corrosion could occur underneath these. Special products for the care of stainless steel and which are suitable for hot surfaces may be obtained from Technical Assistance Service centres and specialist retail outlets. Use a a very fine soft cloth to apply the cleaning product.
Glass panel	Glass cleaning products: Clean using a soft cloth. Do not use a glass scraper.
Glass panel	Glass cleaning products: Clean using a soft cloth. Do not use a glass scraper.
Glass cover for the oven light	Hot water and a little soap: Clean with a dishcloth.
Seal (do not remove)	Hot water and a little soap: Clean with a dishcloth. Do not rub.
Wire shelves	Hot water and a little soap: Soak them clean using a dishcloth or a brush.
Accessories	Hot water and a little soap: Soak them clean using a dishcloth or a brush.

**To clean the oven's
enamelled bottom and
walls**

Use a cleaning cloth and hot water with a little soap or vinegar.

If very dirty, use a fine steel scourer or a special oven cleaning product. These must only be used on a cold oven.

Light

Connecting the oven bulb

The oven light can be turned on manually to facilitate cleaning.

Turn the function control knob to the  position.

The light will come on. The temperature knob must be turned off.

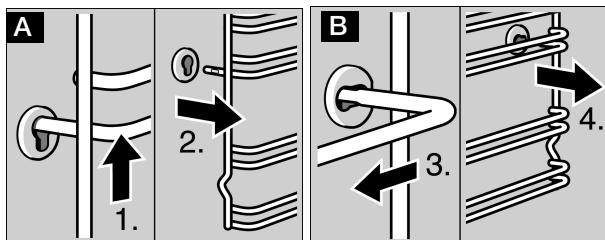
Turning the oven light off

Turn the function control knob to the  position.

Unhooking and inserting the wire shelves

Unhooking the wire shelves

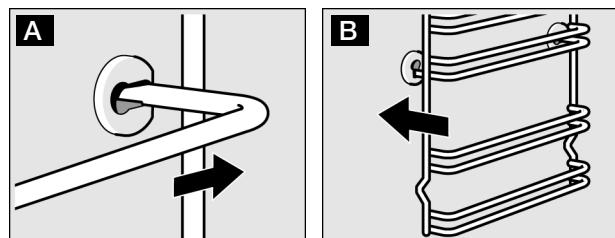
1. Lift the wire shelf from the front
2. and unhook it. (figure A)
3. Then pull the wire shelf completely.
4. and remove it. (figure B)



Clean the wire shelves with detergents and a sponge. The use of a brush is recommended for stubborn stains.

Inserting the wire shelves

1. First insert the wire shelf in the rear groove by pushing it back slightly (figure A)
2. Then insert it in the front groove. (figure B)



Wire shelves can be adjusted on the left and right hand side. They must always curve downwards.

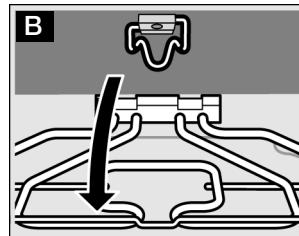
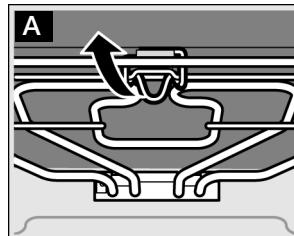
Removing the grill heating element



The grill heating element can be removed in some ovens to facilitate cleaning.

Risk of burns. The oven must be cold.

1. Pull the grill element handle towards you and push it upwards until you hear it click in to position. (figure A)
2. At the same time, grip the grill heating element and push it downwards. (figure B)



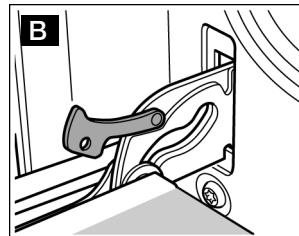
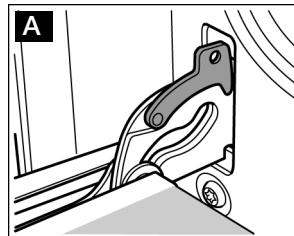
After cleaning, push the grill heating element upwards again. Push the handle downwards and lock the grill heating element in position.

Unhooking and hanging the oven door

The front panel can be unhooked to facilitate removal of the oven door and cleaning of the glass panels.

The oven door hinges are fitted with a locking lever. The door cannot be unhooked if the locking lever is closed (figure A).

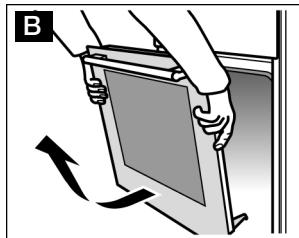
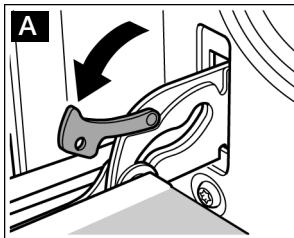
Once the locking lever has been opened to unhook the door (figure B), the hinges will be locked in position. This prevents the door from suddenly closing.



- ⚠** Risk of injuries. The hinges may close suddenly if they are not locked in position by the lever. Note that the locking levers are always closed, apart from when unhooking the door, when the levers must be open.

Unhooking the door

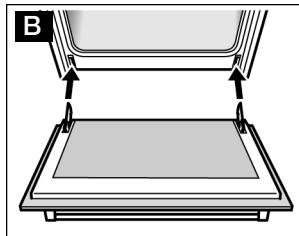
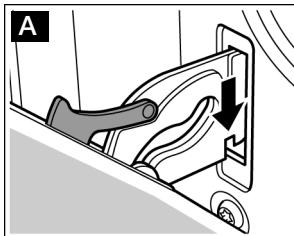
1. Fully open the oven door.
2. Remove both locking levers located on the right and left hand sides. (Figure A)
3. Fully close the oven door as far as its limit stop. (figure B)
Grip the left and right hand sides of the door with both hands. Close the door slightly more and remove it.



Hanging the door

Rehang the door by following the same steps but in reverse order.

1. When rehanging the door, check that both hinges are positioned exactly inside their respective openings. (Figure A)
2. The bottom groove of the hinge must fit snugly on both sides. (Figure B)

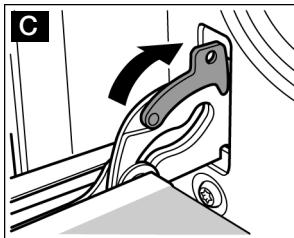


The door may be left crooked if the hinges are not mounted properly.

3. Reclose the locking levers.

(figure C)

Close the oven door.



Risk of injuries. Do not touch the hinges; the door might accidentally fall or a hinge might suddenly close.

Notify the Technical Assistance Service.

Troubleshooting

Malfunctions often have simple explanations. Before you call the after-sales service, please try to rectify the fault yourself using the table.

Malfunction table

Problem	Possible cause	Remedy/information
The oven does not work.	Blown fuse.	Look in the fuse box and check that the fuse is in working order.
	Power cut.	Check whether the kitchen light or other kitchen appliances are working.
⌚ and zeros light up in the display.	Power cut.	Reset the clock.
The oven does not heat up.	There is dust on the contacts.	Turn the control knobs backwards and forwards several times.

Error messages

If an error message with **E** appears in the display, press the **(O)** button. The message disappears. Any time function that has been set is cleared.
If an error message does not disappear, call the after-sales service.

You can provide a remedy yourself for the following error message.

Error message	Possible cause	Remedy/information
E011	A button was pressed for too long or is covered.	Press all buttons individually. Check whether a button has jammed or is covered or dirty.



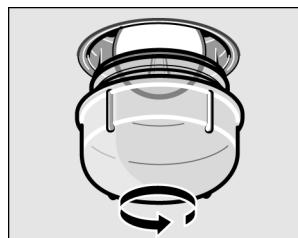
There is a risk of electric shock.
Incorrect repairs are dangerous. Repairs may only be carried out by one of our experienced after-sales engineers.

Changing the light bulb at the top of the oven

The oven light bulb must be replaced if damaged. Replacement heat-resistant light bulbs are available from the Technical Assistance Service or from specialist retail outlets.
Only use lights obtained from the above.



1. Risk of electric shock!
Switch the appliance off at the mains. Ensure that it has been switched off.
2. Place a dishcloth into the cold oven to avoid damage.
3. Remove the protective glass panel by unscrewing it to the left.



4. Replace the light bulb with a similar one.
5. Replace the glass protective glass panel.
6. Remove the dishcloth and switch the oven back on at the mains.

Protective glass panels

Damaged protective glass panels must be replaced. Protective glass panels may be obtained from the Technical Assistance Service. Please quote your appliance's product number and production number.

Technical Assistance Service

Our Technical Assistance Service is available for repairs to the appliance, to provide spare parts or accessories, and to answer any queries in connection with our products or services.

The Technical Assistance Service contact details are provided in the attached documentation.

Product number and production number

When contacting our Technical Assistance Service, please quote the appliance's product number (E) and production number (FD).

The specifications label with the corresponding numbers can be found on the right-hand side of the oven door.

To save you any inconvenience in the future, we recommend that you record the details for your appliance and the telephone number of the Technical Assistance Service in the boxes below.

Product number.	FD N.º:
Technical Assistance Service 	

Energy-saving and environmental protection tips

In this chapter we offer you some advice about how to save energy when baking or roasting and how to properly dispose of the appliance.

Saving energy

Preheat the oven only if this is required by a recipe or is indicated in the tables.

Use dark, lacquered or black enamel baking tins. These are more efficient at absorbing heat.

Open the oven door as little as possible when cooking, baking or roasting.

When baking several cakes, these should be preferably baked one after the other. The oven will still be hot, thereby reducing the cooking time for the second cake. Two rectangular baking tins may also be inserted at the same time.

In the case of long cooking times, the oven may be turned off 10 minutes prior to the specified time, allowing the item to continue to cook but taking advantage of the oven's residual heat.

Environmentally-friendly disposal of waste



Dispose of packaging with the environment in mind.

This appliance is identified according to the Waste Electrical and Electronic Equipment Directive WEEE 2002/96/EC.

This directive defines the framework for the recycling and reuse of appliances used in the EU territory.

Tables and suggestions

This provides details of a range of dishes and the ideal settings for their preparation. This table also provides information about which accessories to use and at which height they should be used. There is also advice on which pans to use, food preparation guidelines, and suggestions on what to do if things go wrong.

If you wish to use your own recipe, as a guide, you can use a similar one listed in the cooking table.

Cakes and pastries

Baking tins

Ideally, dark-coloured metal baking tins should be used. For thin, light-coloured tins or glass dishes, the hot air function must be used. Even so, the cooking time will be longer and the cake will not brown the same.

Always place baking tins on shelves.

Tables

The cooking times in the table below have been calculated for use without preheating the oven. This will help you to save energy. If the oven has been preheated, the cooking times indicated can be reduced by 5 to 10 minutes.

Consult the tables to determine the most suitable type of heating for the type of cake or pastry in question. Oven temperature and cooking time depend on the number of items and the consistency of the mix. For this reason the cooking tables will always provide approximate cooking times. Start with the lowest figure. The items will be more evenly browned at a lower temperature. A higher temperature can always be used next time, if necessary.

Additional information may be found in the section entitled "Baking tips" which is below the tables.

Baking on 1 level

Food	Dish	Shelf position	Cooking method	Temp. °C	Time, minutes
Victoria sandwich	20 cm tin	1		160	20-30
Light fruit cake	20 cm tin	2		160	80-90
Fruit crumble	Glass dish	3		160	35-45
Jam tarts*	12 hole bun tin	1		180	15-20
Yeast cookery* (f.ex. Pizza)	Baking tray	2		180	20-30
Tarts	20 cm plate or pie tin	3		190	40-50
Quiches	Glass dish	3		180	40-50
Swiss Roll*	Swiss roll tin	2		170	10-12
Rich Biscuits	Baking tray	1		170	15-20
Soufflés*	1,2 l soufflé dish	3		170	40-50
Pies	Pie dish	3		180	45-55
Rich fruit cake	Ø 23 cm round tin or 20 cm square cake tin	2		140	180-190
Meringues	baking tray	3		80	100-150
Pavlova	baking tray	3		130*+ 100	90-100
Jacket Potatoes	baking tray	2		160	60-70
Bread	loaf tin (900 g or 2 x 450 g)	1		200	25-35
Scones*	baking tray	1		180	15-20
Yorkshire Pudding*	12 hole bun tin	3		180	25-35

* Preheat oven

Baking on 2 levels

Food	Dish	Shelf position	Cooking method	Temp. °C	Time, minutes
Victoria sandwich	20 cm tin	2+3		160	35-40
Scones*	2 baking trays	2+3		170	20-30
Jacket potatoes	wire racks	2+3		160	60-75
Biscuits	2 baking trays	2+3		170	20-25
Small Cakes*	2 baking trays	2+3		160	25-35
Meringues	2 baking trays	2+3		80	100-150
Full meal	wire racks	2+3		180	75-85

* Preheat oven.

** When baking on two levels, use the backing tray provided.

Additional baking trays may be obtained as optional accessories from specialist shops.

Practical cooking tips and suggestions

If you want to use your own recipe.

You can use a similar one listed in the cooking table.

How to check if your sponge cake is ready.

Ten minutes before the end of the cooking time indicated in the recipe, test the thickest part of the cake with a thin wooden skewer. The cake is ready when the skewer comes out clean, with no traces of cake batter left on the skewer.

The cake is too flat.

Next time, try using less liquid or reduce the oven temperature by 10 degrees. Ensure you mix the batter according to the times given in the recipe.

The cake has a peaked centre, but the edges have shrunken.

Do not grease the tin. Once the cake is ready, use a knife to carefully remove it from the tin.

If the cake is too brown on top.

Position the cake deeper in the oven, reduce the oven temperature and bake it for longer.

The cake is too dry.

Use a skewer to make small holes in the finished cake. Pour a few drops of fruit juice or alcohol over the cake. Next time, increase the oven temperature by 10 degrees and reduce the cooking time.

The bread or cake (fruit cake, for example) looks fine on the outside but still has soft (soggy) areas inside.

Next time, use less liquid and leave the product for a little longer in the oven, at a lower temperature. The bases of cakes with juicy toppings should be baked first on their own. Then sprinkle chopped almonds or breadcrumbs on the base before adding the topping. Follow the recipe and observe the cooking times.

Biscuits are not evenly browned.

Choose a lower temperature; the cakes will have a more uniform colour. Overhanging greaseproof paper may also affect air circulation. Always trim it to fit the baking tray.

Products have been baked on different levels. Cakes on the upper tray are darker than those on the lower tray.

Always use the hot air function when baking products on different levels. Although several baking trays may be placed in the oven at the same time, this does not mean that they will necessarily all be ready at the same time.

Baking moist cakes produces condensation.

Condensation may form when baking. Some of this moisture may evaporate via the door handle, and droplets of condensation may form on the control panel or on the front of nearby kitchen units. The oven is physically designed with this in mind.

Meat, poultry, fish

Ovenware

You may use any heat-resistant dishes. The enamel tray is also suitable for larger roasts.

Always place the dishes in the centre of the wire grill.

Hot glass dishes should be placed on a dry kitchen towel after being removed from the oven. The glass could crack if placed on a cold or wet surface.

Advice on roasting

The roasting result depends on the type and quality of meat.

Add 2 to 3 soup spoons of liquid to lean meat, and 8 to 10 soup spoons of liquid to pot roasts, depending on the size.

Meat should be turned half way through the cooking time.

When the roast is ready, switch off the oven and leave the roast to stand for 10 minutes with the oven door closed. This allows the meat juices to distribute more favourably.

Advice on grilling

Always close the oven door when grilling.

If possible, use pieces of meat which are of the same thickness. They should be at least 2 to 3 cm thick. Such pieces will be browned evenly and stay juicy and soft in the middle. Only salt the steaks after they have been grilled.

Place the pieces of meat directly onto the wire grill. If you are grilling just one piece of meat, it will turn out best if you place it in the centre of the wire grill.

You should also insert the enamel tray at level 1. The meat juices are collected here and the oven is kept clean.

Turn the pieces of meat after two thirds of the cooking time indicated.

The grill element automatically switches itself off and back on again. This is normal. The number of times this happens depends on the grill setting you have selected.

Roasting

Food	Shelf position	Cooking method	Temp. °C	Cooking time min per 1 lb.
Beef rare	1		210-230	10+15
Beef medium	1		210-230	15+20
Beef well done	1		200-220	20+25
Beef fillet	1		200-220	15+20
Lamb medium	1		160-180	20+20
Lamb well done	1		160-180	25+25
Pork	1		190-210	30+30
Chicken, Duck, Goose and Turkey up to 5 kilo	1		140-180	20+20
Large Turkey	1		160-180	13+13
Chops and chicken joints	2		180-210	25

Grilling

Food	Shelf position	Cooking method	Grill setting	Cooking time min per 1 lb.
Meat steaks, bacon	5	<input type="checkbox"/>	2 or 3	12-22
Sausages and Fish fingers	4	<input type="checkbox"/>	3	15-20
Fish	4	<input type="checkbox"/>	2	10-20
Toast	5	<input type="checkbox"/>	3	4-5

Practical tips for grilling and roasting

No information is provided in the guidance table for the weight of the meat that I wish to roast.	Programme the nearest weight below the weight of your joint and increase the cooking time.
How can I check that the meat is ready?	Use a meat thermometer (available from specialist shops) or use the "spoon test". Press down on the meat using a spoon. If the meat feels firm when pressed, it is ready; if not, give it a little longer in the oven.
The meat looks too dark and the outside is burned in several places.	Check that you have selected the correct height and temperature.
The meat looks fine, but the juices have burned.	Next time, use a smaller dish or add more liquid.
The meat looks fine, but the juices have not browned and look watery.	Next time, use a larger dish or add less liquid.

Defrosting

Remove the food from the packaging, put it in a suitable container and place it on the shelf.

Follow the food manufacturer's instructions on the packaging.

The defrosting times will depend on the nature and amount of food concerned.

Food	Accessorie s	Level	Type of heating	Temperature °C
Frozen food* for example, cream cakes, custard tarts, chocolate or sugar-coated cakes, fruit, chicken, sausages and meat, bread, rolls, pies and other pastries	Shelf	2		The temperature control knob is not used.

* Cover frozen foods with cling film suitable for microwaving. Pieces of poultry should be positioned with the breast-side down.

Drying

Use only fruit and vegetables that are in perfect condition and wash them thoroughly first.

Drain well and dry thoroughly.

Cover the enamel tray and shelf with special baking parchment or greaseproof paper.

Food	Level	Type of heating	Temperature °C	Time, in hours
600 g of sliced apples	2+3		80	approx. 5
800 g of pears cut into chunks	2+3		80	approx. 8
1.5 kg of cherries	2+3		80	approx. 8-10
200 g of fresh herbs	2+3		80	approx. 1½ hours

Note

If the fruit or vegetables contain a lot of juice or water, they will have to be turned over several times. Once dried, remove them from the paper immediately.

DE <http://www.bosch-hausgeraete.de>
GB <http://www.boschappliances.co.uk>
FR <http://www.bosch-electromenager.com>
NL <http://www.bosch-huishoudelijke-apparaten.nl>
FI <http://www.bosch-kodinkoneet.com>
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