BOSCH

Making cooking as much fun as eating

Please read this instruction manual. This will ensure that you make use of all the technical benefits the cooker has to offer.

It will provide you with important safety information. You will then be familiarised with the individual components of your new cooker. And we will show you how to make settings step by step. It is quite simple.

The tables list the settings and shelf positions for numerous well-known dishes. All these dishes are tested in our cooking studio.

In the unlikely event of a fault, look here for information on how to rectify minor faults yourself.

A detailed table of contents will help you to find your way around quickly.

Enjoy your meal!

Instruction manual



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Important information

Read this instruction manual carefully. Only then will you be able to operate your cooker safely and correctly.

Please keep the instruction and installation manual in a safe place. Please pass on the instruction manual to the new owner if you sell the appliance.

Before installation

Transport damage

Check the appliance after unpacking it. Do not connect the appliance if it has been damaged in transport.

Electrical connection

The cooker may only be connected by an approved specialist. Losses resulting from damage caused by incorrect connection will invalidate warranty claims.

Safety information

This appliance is intended for domestic use only. Only use the cooker for food preparation.

Hot oven



Open the oven door carefully. Hot steam may escape. Never touch the internal surfaces of the oven or the heating elements. There is a risk of burning. Children must be kept at a safe distance from the appliance.

Never store combustible items in the oven. Risk of fire

Never clamp leads of electrical appliances in the hot oven door. The insulation on the leads could melt. There is a risk of short-circuiting.

Repairs



Incorrectly done repairs are dangerous. There is a risk of electrocution.
Repairs may only be carried out by after-sales service technicians who have been fully trained by BSH.

If there is a fault, switch off the oven fuse at the fuse box.
Call the after-sales service.

Reasons for damage

Baking tray, aluminium foil or dishes on the oven floor

Do not place the baking tray on the oven floor. Do not cover it with aluminium foil.
Do not place dishes on the oven floor.
This will cause heat accumulation. The baking and roasting times will no longer be correct and the enamel will be damaged.

Water in the oven

Never pour water directly into a hot oven. This could damage the enamel.

Fruit juice

When baking very moist fruit cakes, do not put too much on the baking sheet. Fruit juice dripping from the baking sheet leaves stains that cannot be removed.
It is recommended that you use the deeper universal pan.

Cooling with the oven door open

Only leave the oven to cool with the door closed. Do not allow anything to become trapped in the oven door. Even if you only leave the oven door open slightly, the fronts of adjacent units may become damaged over time.

Very dirty oven seal

If the oven seal is very dirty, the oven door will no longer close properly when the oven is in use. The fronts of adjacent units could be damaged. Keep the oven seal clean.

Using the oven door as a seat

Do not stand or sit on the oven door.

Transporting the cooker

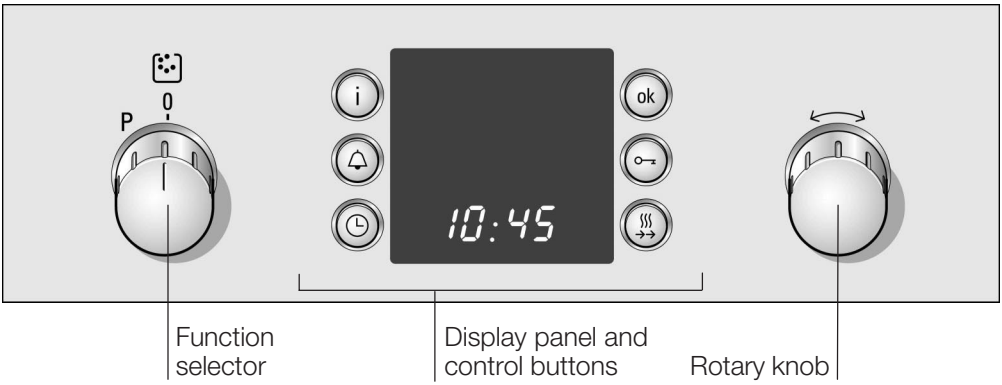
Do not hold or carry the cooker by the door handle. The door handle cannot hold the weight of the cooker and may break off.

Your new cooker

Here you will learn more about your new oven. The control panel and its switches and indicators are explained here. The heating modes and the accessories included with your oven will be explained here.

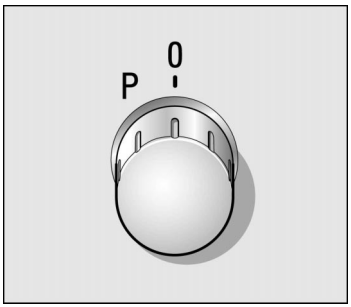
The control panel

Details vary according to the appliance model.



Function selectors

Use the function selector to select the type of heating for the oven. A default value appears in the display for each type of heating.



Settings	
	Oven light
	Top/bottom heating
	Conventional baking*
	Intensive heat
	3D hot air
	Pizza setting
	Bottom heating
	Hot air grilling
	Radiant grilling - Small area
	Radiant grilling - Large area
	Defrost
	Heats up up to 65 °C, then keeps warm up to 100 °C
clean	Cleaning
	Automatic adjustment
P	Automatic program

*Type of heating with energy efficiency class determined in accordance with EN50304.

Oven light

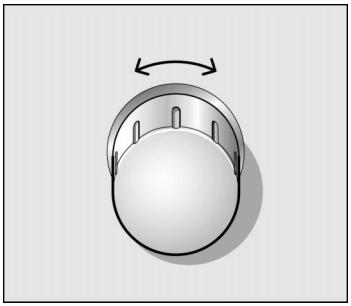
The oven light switches on when you select a function.

Exception: The light does not switch on below 60 °C.

You can switch the oven light off and on again if the function selector is switched on. Press the function selector to do this.

Rotary knob

The default values and set values can be altered using the rotary knob.



Ranges	
20 - 300	Temperature in ºC maximum temperature for 3D hot air and pizza setting is 275 ºC
1 - 3	Grill settings
1 - 3	Cleaning levels
1 min - 23.59 h	Duration
1 sec - 23.59 h	Timer period
P 1 - P 26	Automatic programming
P 27	Sabbath program
	Automatic adjustment

Control buttons and display panel



Info button **i**	Use this button to call up information.
Timer button	Use this button to set the timer.
Clock button	This is used to set the clock, the cooking time and the end time .
OK button	Use this to confirm the setting.
Key button	Use this button to switch the childproof lock on and off.
Rapid heating button	Use this button to heat up the oven quickly.

The values set can be seen in the display panel.

The text display guides you through the setting procedure. It provides you with helpful tips which you can call up using the **i** info button if there is a malfunction.
The text display is available in 24 different languages.



The rise in temperature or the residual heat in the oven is shown in the preheating indicator below the temperature display.

Push-in control knobs

The control knobs can be pushed in. Simply press the control knob to release or lock it.

You can turn the control knobs to the left or to the right.

Light ring

Function selectors

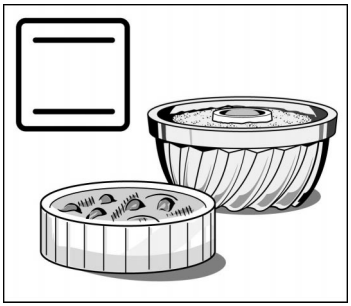
The ring on the control knob lights up when you select a function.

Rotary knob

The ring on the control knob lights up when you can select a temperature or setting. It flashes if it expects a different setting.

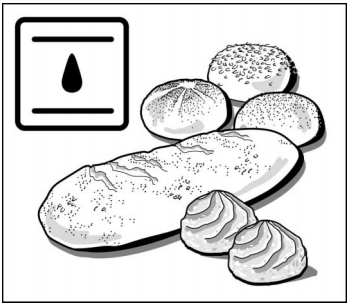
Types of heating

Different types of oven heating are available. You can therefore select the best method for cooking any dish.



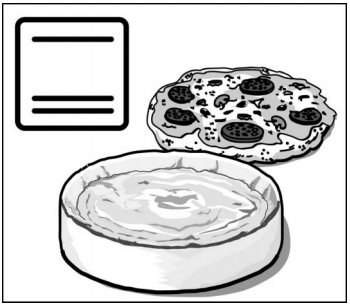
Top and bottom heating

This ensures the even distribution of heat onto the cake or roast from the top and bottom of the oven. This type of heating is best for cake mixtures in tins or for bakes. Top and bottom heating is also suitable for cooking lean roasts of beef, veal and game.
Gentle cooking in the 70 °C to 100 °C temperature range makes all tender meat particularly juicy.



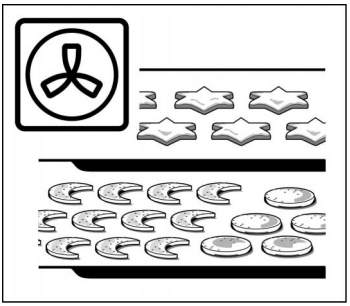
Conventional baking

is the most energy-efficient type of heating. This type of heating also ensures even distribution of heat to the food from the top and bottom of the oven. The moisture extracted during the baking is retained as steam in the oven. The food does not dry out. Leavened food such as bread, bread rolls or plaited loaves turn out especially well when cooked using this type of heating. This type of heating is also best for cooking choux pastries such as cream puffs.



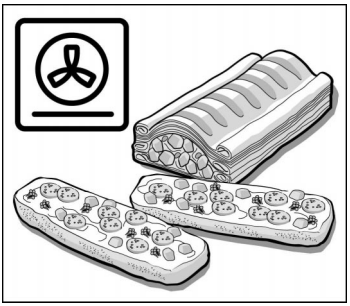
Intensive heat

Due to the intensive heat from below, foods such as pizza will acquire a particularly crispy base. It is no longer necessary to preheat the oven to bake spiced cakes and savoury pies such as quiche lorraine. Intensive heat is also the ideal type of heating when baking in moulds made from tin, glass or porcelain, which tend to reflect heat or are poor conductors of heat.



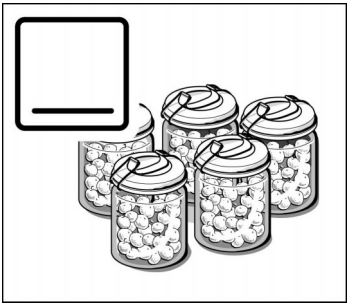
3D hot air

A fan in the rear panel distributes the heat from the ring heating element evenly inside the oven.
Using 3D hot air, it is possible to bake cakes and pizza on two shelves. You can cook cookies and puff pastry on three levels at the same time. The required oven temperatures are lower than those for top and bottom heating. Additional baking trays may be obtained from specialist shops.
3D hot air is ideal for drying food.



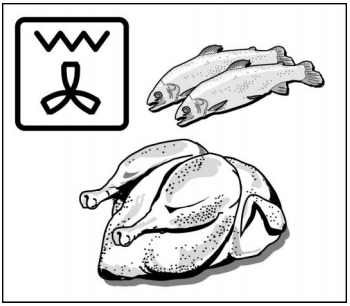
Pizza setting/intensive hot air

This type of heating uses bottom heating and the ring heating element.
This type of heating is particularly suitable for deep-frozen foods. It is ideal for cooking pizzas, chips or strudels, without requiring preheating.



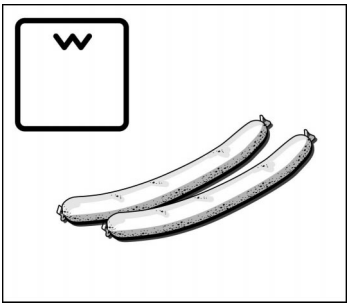
Bottom heating

You can reheat or brown meals using bottom heating. It is also the most suitable type of heating for preserving food.



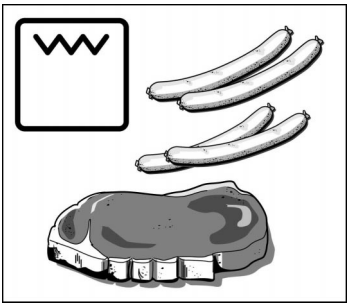
Hot air grilling

This type of heating involves the grill element and the fan alternating between on and off. During the pause in heating, the fan circulates the heat generated by the grill around the food. This ensures that cuts of meat are crisped and brown on all sides.



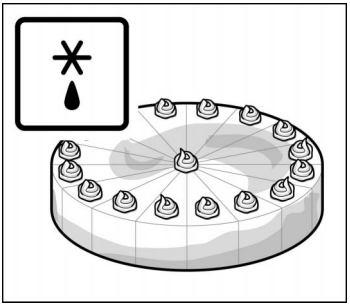
Radiant grilling, small area

This involves only the middle section of the grill heating element being switched on.
This type of heating is ideal for cooking small quantities. This saves energy. Place the pieces to be grilled in the centre of the wire grill.



Radiant grilling, large area

The entire area under the grill element becomes hot. This is ideal if you wish to cook several steaks, sausages, fish or slices of toast.



Defrost

A fan in the rear wall of the oven circulates the air in the oven around the frozen food. Frozen pieces of meat, poultry, bread and cakes defrost evenly.

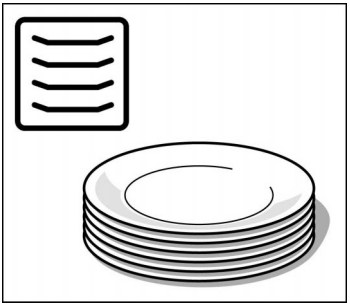
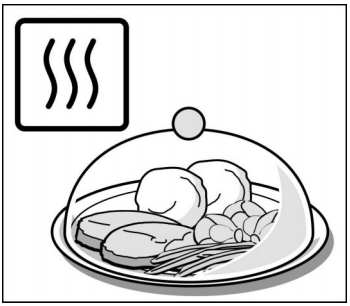


Plate warming

You can preheat porcelain ovenware in the 30 °C to 65 °C temperature range.
Food stays warm for longer in preheated ovenware.
Drinks also remain warm for longer.
Always use an oven cloth or oven gloves when removing ovenware.



Keep warm

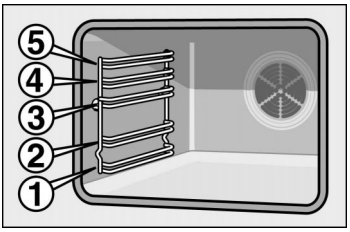
A preheating temperature of over 65 °C automatically keeps food warm. You can keep food warm in the 66 °C to 100 °C temperature range. Note that warm food spoils more easily. For this reason, do not keep food warm for longer than two hours.

Notes

Heating is interrupted if you open the oven door while the oven is in operation.

To ensure that the heat is well distributed, the fan switches on for a short time during preheating for types of heating with top and bottom heating.

Oven and shelving accessories

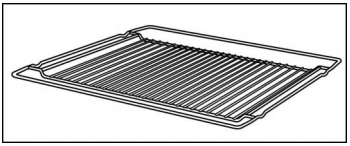


The shelf can be inserted at 5 different heights in the oven.

You can remove the shelf two thirds of the way without it tipping. This makes it easier to take food out of the oven.

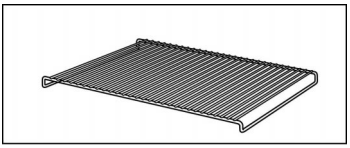
Accessories

Accessories may be purchased at a later date from the after-sales service or from specialist shops. Please specify the HEZ number.



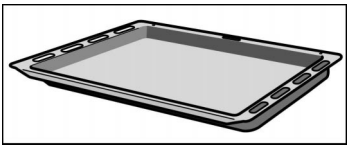
HEZ 334000 wire rack

For ovenware, cake tins, roasts, grilling and frozen meals.
Place the wire racks curved downwards ⌣.



HEZ 324000 wire rack

for grilling. Always place the wire rack in the universal pan. Fat and meat juices are collected.



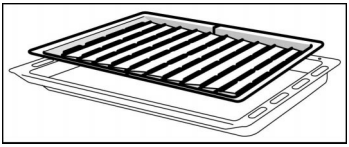
Universal pan HEZ 332000

for moist cakes, pastries, frozen food and large roasts. It can also be used to catch dripping fat when you are grilling directly on the wire grill.

Push the universal pan with the sloping edge facing towards the oven door.

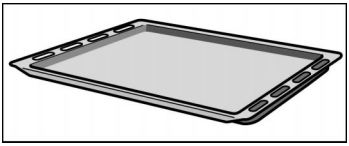
Optional accessory

Optional accessories may be purchased from the after-sales service or from specialist shops.
The availability of optional accessories varies according to country. Please consult our sales brochures.



Grill pan HEZ 325000

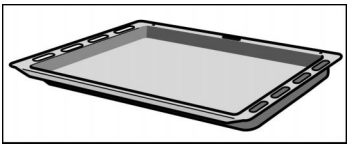
Can be used for grilling instead of the wire grill or as a spray guard to protect the oven against dirt. Only use the grill pan in the universal pan.
To grill using the grill pan: use the same shelf height as for the wire grill.
Using the grill pan as a spray guard: insert the universal pan with the grill pan under the wire grill.



Enamel baking tray HEZ 331010 with non-stick coating

Cakes and biscuits can be removed from the baking tray more easily.

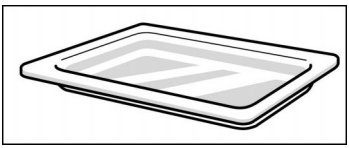
Push the baking tray with the sloping edge facing towards the oven door.



Universal pan HEZ 332010 with non-stick coating

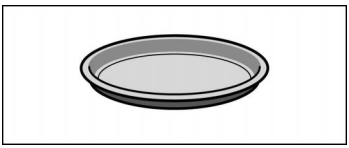
Moist cakes, biscuits, frozen meals and large roast joints come away from the universal pan more easily.

Push the universal pan with the sloping edge facing towards the oven door.



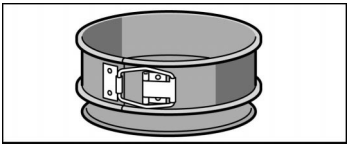
Glass pan HEZ 336000

A deep baking tray made from glass. Can also be used as a serving dish.



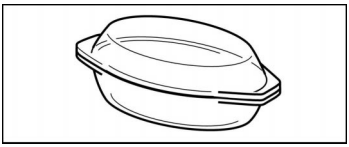
Pizza tray HEZ 317000

Ideal for pizza, frozen foods and large round cakes, for example. You can use the pizza tray instead of the universal pan. Place the tray on the wire grill. Observe the information provided in the tables.



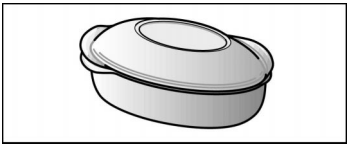
Baking tin HEZ 6001

You can bake especially moist cakes using the leak-proof baking tin. The extra wide rim prevents leakage and your cooker stays clean.
The baking tin has a non-stick coating on the inside.



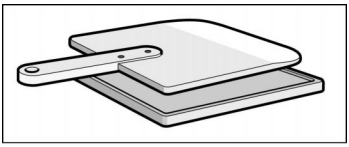
Glass roasting dish HMZ21 GB

for braised dishes and bakes that are cooked in the oven. It is especially suitable for the automatic roasting function.



Metal roasting dish HEZ 6000

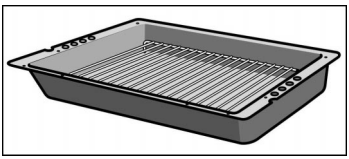
It is intended for use in the extended cooking zone of the glass ceramic hob. The dish is suitable for the sensor cooking system as well as for the automatic roasting function.
The roasting dish is enamel on the outside and has a non-stick coating on the inside.



HEZ 327000 baking brick

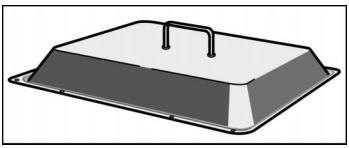
The baking brick is wonderful for preparing home-made bread, bread rolls and pizzas which need to have a crispy base.

The baking brick must always be preheated to the recommended temperature.



Profi extra-deep pan HEZ 333000

for cooking large quantities of food.



Lid for the Profi extra-deep pan HEZ 333001

Converts the Profi extra-deep pan into the Profi roasting dish.

Cooling fan

The oven is fitted with a cooling fan. It switches itself on and off as necessary. The warm air escapes above the door.

Before using for the first time

This section tells you everything you need to do before using the cooker for the first time.

Heat the oven and clean the accessories. Read the safety instructions in the “Important information” section.

Firstly, check to see if three zeroes are flashing and ”Uhrzeit einstellen” appears in the text display.

”Uhrzeit einstellen” will appear in the text display

Set the time

1. Press the ◷ clock button.
   12:00 appears.
2. Set the time using the rotary knob.
3. Press the OK button.

The cooker is now ready for use.

Select the language for the text display

The texts appearing in the display of your appliance are in German.
You can select one of 24 different languages for the text display. How to set your language is explained in the Basic settings section.

Heating up the oven

Heat the empty oven with the door closed to remove the new oven smell.

Method

1. Set the function selector to top/bottom heating ⊟. A suggested temperature appears in the display.
2. Use the rotary knob to set the temperature to 240 °C.

Switch off the function selector after 60 minutes.

Pre-cleaning the accessories

Please wash the accessories thoroughly with soapy water and a cleaning cloth before using them.

Setting the oven

You have various options for setting the oven.

Switching off the oven manually

When your meal is ready, switch off the oven yourself.

The oven switches off automatically

You can leave the kitchen for a long period.

The oven switches on and off automatically

You can put your meal in the oven in the morning, for example, and set the oven so that your meal is ready at midday.

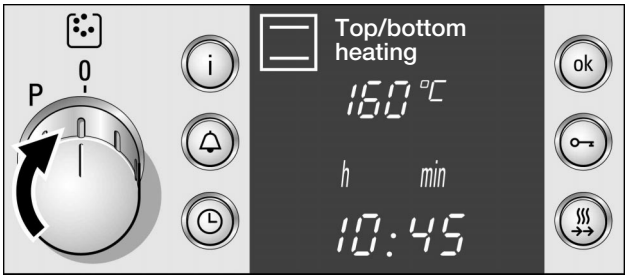
Tables and tips

The correct settings for many dishes can be found in the Tables and tips section.

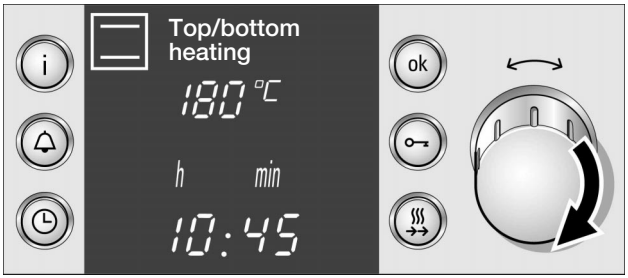
Setting procedure

Example: Top/bottom heating ⊟, 180 °C

1. Select the desired type of heating using the function selector.
   The suggested temperature appears in the display.



2. Use the rotary knob to set the temperature or grill setting.



3. Confirm with the OK button.

Switching off

Switch off the function selector when the meal is ready.

Changing the setting

You may change the temperature or grill setting at any time.

Preheating indicator

The preheating indicator provides a visual display of the oven temperature rise. The best time to place the dish in the oven is when all segments are lit.
The preheating indicator does not appear if you are grilling.



You can call up the current temperature while the oven is heating up using the **i** information button. It will appear for a few seconds in the 3rd line of text on the right-hand side.

The thermal inertia of the oven means that a temperature may be displayed during the heating up phase which differs from the actual oven temperature.

You want the oven to switch on and off automatically

Make settings as described in steps 1 and 2. Set the duration (cooking time) for your meal.

Example: duration = 45 minutes

3. Press the ◷ clock button. “Set cooking time” appears in the display.



4. Set the cooking time using the rotary knob.

5. Press the OK button. The oven starts.



The cooking time has elapsed

A signal sounds. The oven switches off. Three zeroes appear in the display and the ↦| cooking time symbol flashes.
Switch off the function selector. The time then reappears.

Changing the setting

Press the ◷ clock button until “Duration” appears. Use the rotary knob to change the cooking time. Press the OK button.

Cancelling the setting

Switch off the function selector.

Calling up settings

To call up the cooking time, end time or time: Press the ◷ clock button repeatedly until “Duration”, “End time” or “Time” appears. The value called up will then appear for a few seconds.

You want the oven to switch on and off automatically

Please remember that foods which spoil easily must not be allowed to remain in the oven for too long.

Set the oven settings as described in steps 1 to 4. The oven must not yet be switched on.

Example: Imagine it is 10:45 a.m. The meal takes 45 minutes to cook and you want it to be ready at 12:45.

5. Press the clock button repeatedly until “Set end time” appears.
In the display you will see the time when the meal will be ready.



6. Use the rotary knob to set a later end time.



7. Press the OK button.
The setting is made. The display will show the end time until the oven switches on.



The cooking time has elapsed

A signal sounds. The oven switches off.
The time appears again in the display when you switch off the function selector.

Residual heat indicator

When you switch off the oven, the residual heat in the oven is indicated in the preheating indicator.
When all segments are lit, the temperature in the oven is approximately 300 °C.

The display goes out when the temperature has fallen to approximately 60 °C.

Using the residual heat

You can keep food warm in the oven using the residual heat.

For meals with long cooking times, you may switch off the oven 5 to 10 minutes earlier. The residual heat will finish cooking the meal, thereby saving energy.

Rapid heating

This allows you to heat up the oven particularly quickly. The rapid heating function is not suitable for all types of heating.

Unsuitable types of heating

= Bottom heating
= Hot air grilling
= Radiant grilling, small area
= Radiant grilling, large area
= Defrost
= Plate warming
= Keep warm

Setting procedure

First set the oven.

Then press the rapid heating button .
The symbol lights up in the display.
The oven heats up. The segments of the preheating indicator light up.

The rapid heating process is complete

You will hear a short signal. The symbol goes out.
Put your dish in the oven.

Cancelling the rapid heating function

Press the rapid heating button . The symbol will go out. The rapid heating process is cancelled.

Notes

The rapid heating function is interrupted if you change the type of heating.

The rapid heating function will not work if the temperature is set to less than 100 °C.
If the temperature in the oven is only slightly below the temperature set, the rapid heating function is not necessary. It will not switch on.

During the rapid heating phase, you can call up the current preheating temperature with the Info **i** button.

Automatic program

Using the automatic program, you will be able to produce delicious braised meals, juicy roasts and tasty stews without the need for turning or basting the meat which, in turn, keeps your oven clean.

Ovenware

The automatic program is only suitable for roasting in a covered dish. Only use a roasting dish with a suitable lid.

Suitable dishes

Suitable dishes are heat-resistant (up to 300 °C), glass or glass ceramic dishes.
Add more liquid when roasting in enamalled steel, cast-iron or pressed aluminium dishes. The base of the pan should be covered by liquid to at least ½ cm. The food will brown more.
Please observe the instructions of the dish manufacturers.

Stainless steel dishes are only suitable in some cases. The food will not brown as much and the meat will not cook as well.

Unsuitable dishes

Dishes made of shiny aluminium, unglazed clay or dishes with plastic handles are not suitable.

Dish size

The meat should cover around two thirds of the base of the dish. This ensures that the meat juices turn out well.

There should be at least 3 cm between the meat and the lid. The meat may expand while roasting.

Preparing food

Select a suitable dish.

Weigh the fresh or deep-frozen meat, the fish or the vegetables if it is a vegetarian dish. You need this weight to adjust cooking times etc.

Cover the dish with the lid. Place it on the wire grill at shelf position 2.

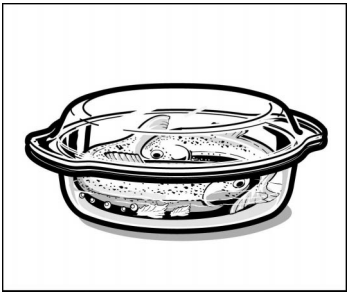
Meat

If indicated in the program table, add liquid to the empty dish. The base of the dish must be covered.

Season meat, place it in the dish and close with the lid.

Fish

Clean the fish and add lemon juice and salt to taste.



Steamed fish: Add the fluid, e.g. wine or lemon juice, to a depth of ½ cm.
Baked fish: Toss the fish in flour and coat with melted butter.

Note: Fish cooks best when placed in the “swimming position” in the dish.

Stew

You can combine different kinds of meat and fresh vegetables.

Cut the fish into bite-size pieces. Do not cut up chicken portions.

Add up to twice the amount of vegetables to meat. Example: Use between 0.5 kg and 1 kg fresh vegetables for 0.5 kg meat.

Programs

Always put the meal into the cold oven.

Fresh meals	Use for	Program number	Weight range	Add liquid
Beef: pot-roast	Spare ribs, shoulder, sides, braised marinated beef	01	0.5-3.0 kg	Yes
Sirloin		02	0.5-2.5 kg	No
Sirloin, rare		03	0.5-2.5 kg	No
Roast pork	Neck, collar, sides, thick flank, fillet	04	0.5-3.0 kg	Yes
Roast pork with crackling	Shoulder with rind, belly	05	0.5-2.0 kg	No
Ham		06	0.5-2.5 kg	Yes
Leg of lamb	Boned	07	0.5-2.5 kg	Yes
Leg of lamb, medium rare	Boned	08	0.5-2.5 kg	No
Poultry	Chicken, duck, goose, baby turkey	09	0.5-2.5 kg	No
Poultry drumsticks	Chicken, turkey, duck, goose drumsticks	10	0.3-1.5 kg	No
Turkey breast	Turkey breast, fillet	11	0.5-2.5 kg	Yes
Mutton, venison	Shoulder, neck, breast	12	0.5-2.5 kg	Yes
Gammon, venison, sm.game	Leg of venison, leg of hare	13	0.5-3.0 kg	Yes
Meat loaf	Beef/pork meatloaf	14	0.3-3.0 kg	No
Stews	Roulade, meat and vegetable stew, Szegedin goulash	15	0.3-3.0 kg	Yes
Steamed fish	Trout, pike-perch, carp, whole cod	16	0.3-1.5 kg	Yes
Baked fish	Trout, pike-perch, carp, whole cod	17	0.5-1.5 kg	No

Frozen meals*	Use for	Program number	Weight range	Add liquid
Beef: pot-roast	Spare ribs, shoulder, sides	18	0.5-2.0 kg	Yes
Beef, medium	Roast beef, spare rib	19	0.5-2.0 kg	No
Roast pork	Neck, collar, sides, thick flank, fillet	20	0.5-2.0 kg	Yes
Roast veal	Shoulder, shank, thick flank, topside, stuffed breast of veal	21	0.5-2.0 kg	Yes
Leg of lamb	Boned	22	0.5-2.0 kg	Yes
Leg of lamb, med. rare	Boned	23	0.5-2.5 kg	No
Poultry drums	Chicken, turkey, duck, goose drumsticks	24	0.3-1.5 kg	No
Mutton, venison	Shoulder, neck, breast	25	0.5-2.0 kg	Yes
Small game	Leg of venison, leg of hare	26	0.5-2.0 kg	Yes

* Important: If preparing frozen meat, extending the end time is not recommended. The meat would thaw out before the program starts and would be inedible.

How long will the meal take to cook?

Set the oven as described in steps 1 to 5 so that you know how long the meal will take to cook. The cooking time will appear in the display.
To interrupt the program: Switch off the function selector.

Setting procedure

1. Select the appropriate program from the roasting table.
2. Turn the function selector until “Select program” appears in the display.

Example: P 9 poultry, chicken, 1.5 kg



3. Use the rotary knob to set the program required.

   Confirm with the OK button.
   “Set weight” appears in the display.



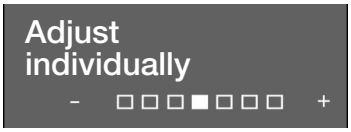
4. Turn the button to enter the weight.

   Confirm with the OK button.
   “Adjust individually” appears in the display. Use the rotary knob to adjust the program or keep it the same

5. Press the OK button. The program starts.



Adjusting individually



If you would like your meal to be more or less browned, you can make the appropriate adjustments to the program next time. Before the program starts, “Adjust individually” appears in the display along with seven fields. The middle field is filled. If you turn the rotary knob clockwise, the filled field moves to the right. The meal will be browned more. If you turn the rotary knob anti-clockwise, the meal will be browned less.

The cooking time has elapsed

A signal sounds. The oven switches off.
Switch off the function selector. The time then reappears.

Cancelling the program

Switch off the function selector.

Calling up information

You can obtain information about the programs using the **i** information button.

You want the oven to switch on and off automatically

Only use fresh meat or fresh fish.

Do not leave the food in the oven for too long. Meat and fish will spoil easily once out of the refrigerator.

Example: Program 9 poultry: you want the meal to be ready at 13:00.

Set the oven as described in steps 1 to 4.

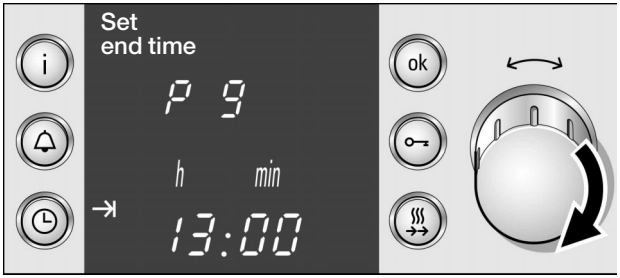
5. Then press the ◷ clock button repeatedly until “Set end time” appears. In the display you will see the time at which the meal will be ready.



6. Use the rotary knob to set a later end time.

7. Press the OK button.

   The setting is made. The end time is shown in the display. The →I end symbol lights up. The oven switches on at the appropriate time.



The cooking time has elapsed

A signal sounds. The oven switches off. Switch off the function selector. The time then reappears.

Tips on the automatic program

The weight of meat or poultry exceeds the specified weight range	The weight range is deliberately limited. It is rare to find roasting dishes of sufficient size for cooking large pieces of meat. Cook large pieces of meat using top/bottom heating ⊟ or hot air grilling 🍖.
The meat is good, but the juices are too dark	Use a smaller dish and more liquid.
The meat is good, but the juices are too clear and watery.	Use a larger dish and less liquid.
The top of the roast is too dry.	Use a roasting dish with a firmly fitting lid. Very lean meat stays juicier if it is covered with bacon rashers.
While the meat is roasting, it smells as though it is burning even though the meat looks good.	The lid on the roasting dish is not properly closed or the meat has risen and raised the lid. Always use a suitable lid. Ensure that there is a minimum distance of 3 cm between the meat and the lid.
You want to cook frozen meat	Season the frozen meat in exactly the same way as fresh meat. N.B. The end time cannot be set to a later time if cooking meat from frozen. The meat would defrost before the program starts.
You want to roast several chicken drumsticks or other poultry drumsticks at the same time	The drumsticks must be of approximately the same size. Enter the weight of the heaviest drumstick. Example: Two turkey drumsticks weighing 1.4 and 1.5 kg. Enter 1.5 kg.

You want to poach or bake several fish at the same time	The fish must be approximately the same size. Enter the total weight. Example: Two trout weighing 0.6 and 0.5 kg. Enter 1.1 kg.
You want to cook stuffed poultry	This method of cooking is not suitable for stuffed poultry. This is best cooked uncovered on the wire grill. Look up poultry in the table.
The meat in the stew is not sufficiently browned	Next time place the pieces of meat around the edge of the dish. Place the vegetables in the middle.
The vegetables in the stew are too hard	When cooking a stew, enter the weight of the meat. This ensures that the vegetables are crunchy. If you want the vegetables to be softer, enter the combined weight of the vegetables and meat.
You want to cook a vegetarian stew	Only use firm vegetables, such as carrots, green beans, white cabbage, celery and potatoes. The smaller you cut the vegetables, the softer they will be. Cover the vegetables with liquid to prevent them from browning excessively.
You wish to use your stainless steel roasting dish	The stainless steel dish is only suitable to a certain degree. The shiny surface reflects much of the heat radiation. The meal will not brown as much and the meat will be less well done. If you use the stainless steel roasting dish: Remove the lid once the program has ended. Grill the meat at grill setting 3 for a further 8 to 10 minutes.

Sabbath program

With the Sabbath program, you can use top/bottom heating ⊟ to keep the oven at a temperature of 85 °C. You can set a duration of 24 to 73 hours.

During this time, you can keep meals warm without needing to switch the oven on or off.

Setting procedure

Prerequisite: You have selected the "Sabbath program: Yes" basic setting.

Example: 42 hours

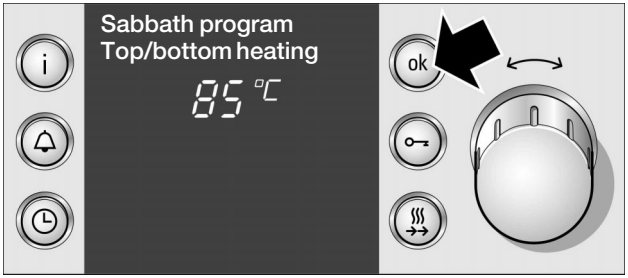
1. Set the function selector to P. "Select program" appears in the display.



2. Use the rotary knob to set program 27.



3. Confirm with the ok button.
85 °C appears in the display.



4. Press the ok button. 27 h appears in the display as a suggested value.



5. Use the rotary knob to set the required duration.



6. Press the ok button. The duration counts down in the display.

The program has ended

"Function complete" appears in the display. Switch off the function selector to display the time again.

Cancelling the program

Switch off the function selector.

Notes

The buttons are locked once the program has started. It is not possible to call up or modify settings.

The oven light is lit while the program is running. It cannot be switched off. In the event that the oven light does not light up, press the function selector before the program begins.

Automatic adjustment

Recommended settings are already provided when you select a dish from the automatic setting. You may change the temperature and cooking time at any stage.

You reach the dishes via two or three selection levels.

Give it a try. Look at the variety of dishes. If you wish to quit the automatic adjustment program, simply switch off the function selector.

Setting procedure

1. Turn the function selector to “Select dish”.
2. Use the rotary knob to select the program group you require.
3. Move to the next level by pressing the OK button.
4. Make the next selection using the rotary knob.

   There are two or three levels depending on the dish.

Example: Sponge cake





5. To finish, press the OK button. The oven starts.



The duration has elapsed

A signal sounds. The oven switches off. Switch off the function selector.

Changes

You may change the temperature and duration at any time.

Going back one level

Turn the rotary knob until “Back” appears. Then press the OK button.

Calling up information

If you have selected your dish, you can call up one or two items of information using the **i** info button. This provides information about accessories and the level on which to place the dish in the oven, for example. Press the info button for any information. Return to the dish by pressing the OK button.

Note

For some dishes you are required to enter a preheating time. Only put your dish into the oven once the signal has sounded. The program continues automatically.

Time

When the oven is first connected or following a power cut, three zeroes flash in the display. “Set time” appears in the text display.
Set the time.
The function selector must be switched off.

Setting procedure

Example: 13:00

1. Press the ◷ clock button.



2. Set the time using the rotary knob.

3. Press the OK button.
The time is set.



Changing the time, e.g. from summer time to winter time

Press the ◷ clock button, change the time using the rotary knob and confirm with the OK button.

Hiding the time/reduced night lighting

The time always appears in the clock display when the oven is not in use.
However, the time can also be displayed with reduced night lighting or hidden completely. Refer to the section entitled “Basic settings” for how to do this.

Timer

You can use the timer as a kitchen timer. It operates independently of the oven.
The timer has a special signal.

Setting procedure

Example: 20 minutes

1. Press the timer button. “Set timer” appears.



2. Set the alarm time using the rotary knob.

3. Press the OK button. The timer can be seen counting down in the display.



The time has elapsed

A signal sounds. Press the timer button. The timer display will go out.

Changing the timer period

Press the timer button. Change the time using the rotary knob. Confirm with the OK button.

Cancelling the setting

Press the timer button until the timer display disappears.

Basic settings

Your oven has several basic settings. You should always select the appropriate language before using the appliance for the first time. The basic setting is German.
You can change any other basic setting individually at any time.

Basic setting	Function	Change to
“Reset basic settings: No”	Factory settings - the set language remains	“Reset basic settings: Yes”
“Select language: English”	Language for the text display	There are 23 other languages to choose from
“Time: displayed permanently”	Time display	“Time: with dimmed night lighting” “Time: displayed only when in use” Exception: the time is shown if the residual heat is displayed.
“Radio-controlled clock: not fitted”	To activate a radio-controlled clock (available as an optional accessory)	“Radio-controlled clock: fitted”
“Display: text and graphic”	Type of display	“Display: graphic-only” “Display: text only”
“Buzzer duration: short” = approx. 5 secs.	Signal after cooking time or timer period has elapsed	“Buzzer duration: medium” = approx. 2 minutes “Buzzer duration: long” = approx. 5 minutes
“Top/bottom heating Suggested temp.: 160 ºC”	Suggested temperature for the type of heating	Can be changed up to max. 255 ºC
“Conventional baking Suggested temp.: 160 ºC”	Suggested temperature for the type of heating	Can be changed up to max. 255 ºC
“Intensive heat Suggested temp.: 190 ºC”	Suggested temperature for the type of heating	Can be changed up to max. 255 ºC
“3D hot air Suggested temp.: 160 ºC”	Suggested temperature for the type of heating	Can be changed up to max. 255 ºC

Basic setting	Function	Change to
“Pizza setting Suggested temp.: 190 ºC”	Suggested temperature for the type of heating	Can be changed up to max. 255 ºC
“Bottom heating Suggested temp.: 150 ºC”	Suggested temperature for the type of heating	Can be changed up to max. 255 ºC
“Hot air grilling Suggested temp.: 190 ºC”	Suggested temperature for the type of heating	Can be changed up to max. 255 ºC
“Defrost Suggested temp.: 20 ºC”	Suggested temperature for the type of heating	Can be changed as required
“Plate warming/Keep warm Suggested temp.: 65 ºC”	Suggested temperature for the type of heating	Can be changed as required
“Cooling fan run-on-time: short”	Length of time for which the cooling fan continues to run	“Cooling fan run-on-time: medium” “Cooling fan run-on-time: ext.”
“Sabbath program: No”	Sabbath program: depending on the setting, the oven maintains a temperature of 85 ºC for between 24 and 73 hours.	“Sabbath program: Yes”

Changing the basic settings

The function selector must be switched off.

Example language: English

1. Press the **i** info button until “Grundeinstellungen wiederherstellen nein” appears in the display.



2. Press the ok button. “Sprache auswählen deutsch” appears.



3. Use the rotary knob to change the basic setting.

4. Confirm with the ok button.

   The next basic setting, “Time: displayed permanently”, appears in the display.



Change the basic setting as described in step 3 and confirm with the ok button or wait until the next basic setting appears. Work through all the basic settings in this way. Press the ok button to finish.

You do not wish to change all the basic settings

If you do not wish to change a basic setting, press the ok button or wait until the next basic setting appears.

Cancelling

Switch the function selector on and off again. All changes will be accepted.

Correcting the time

You may change your settings again at any time.

Restoring the factory settings

Press the info button until “Reset to basic settings: No” appears. Use the rotary knob to select “Reset basic settings: Yes”. Press the ok button. Switch the function selector on and off again. The basic settings are reset. Only the set language remains.

Childproof lock

The oven has a childproof lock to prevent children switching it on accidentally or changing the setting.

Activating the childproof lock

Press the key button until “Childproof lock active” and the symbol appear in the display. This will take approximately 4 seconds.

The oven cannot be set. A setting cannot be changed.
N.B. The current setting is cleared if the function selector is turned to zero for longer than 2 seconds. The childproof lock remains activated.

Unlocking

Press the key button until the text and the symbol disappear. You can operate the oven again.

Note

“Press key button” appears in the text display if you wish to set the oven when the childproof lock is activated. Release the lock.

Automatic time limiter

If you have forgotten to switch off the oven, the automatic time limiter will be activated. Oven operation will be interrupted. The time when this happens depends on the selected temperature or grill setting.

“Automatic time limit” appears in the text display five minutes before the oven switches off. A signal also sounds when the oven is no longer heating up.

The heating function is interrupted until you switch off the function selector. The display goes out.
You can now reset the oven.

Cancelling the automatic time limiter

If you enter a cooking time, the oven will then switch off automatically.
The time limiter is cancelled.

Care and cleaning

Do not use high-pressure cleaners or steam jets.

Oven exterior

Wipe the oven with water and a little washing-up liquid. Dry it with a soft cloth.

Caustic or abrasive substances are not suitable. If any such substances come into contact with the frontage, wipe it off immediately with water.

Note

Slight differences in the colours on the appliance front are caused by the use of different materials, such as glass, plastic and metal.

Shadows on the door panel which resemble smears are reflections from the oven light.

Appliances with stainless steel fronts

Always remove any flecks of limescale, grease, cornflour and egg white immediately. Corrosion can form under such flecks.

Use stainless steel care products. Follow the manufacturer's instructions. Try out the product on a small area first, before using on the whole surface.

Appliances with aluminium fronts

Use a mild window-cleaning detergent. Wipe the area with a soft window cloth or a fluff-free micro-fibre cloth, using a horizontal action without applying pressure.

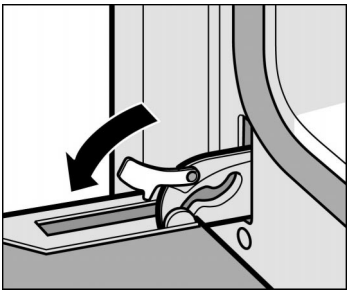
Aggressive cleaning products, scratchy sponges and rough cleaning cloths are not suitable.

Never use coarse scouring pads or cleaning sponges. Oven cleaner may only be used on enamelled oven surfaces.

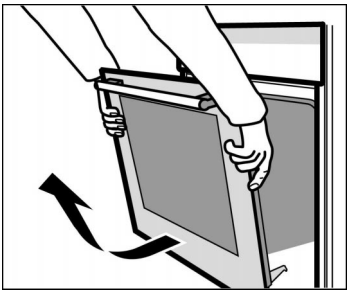
For ease of cleaning
the oven door can be detached:

Detaching the oven door

Make sure that you do not reach into the hinge. There is a risk of injury.



1. Open the oven door fully.
2. Move the two locking levers on the left and right-hand sides.



3. Half-close the oven door.
   With both hands, grip the door on the left and right-hand sides.
   Close the door a little more and pull it out.

After cleaning, refit the oven door in the reverse order to removal.

Cleaning the catalytic surfaces of the oven

The rear wall, top and side walls of the oven are coated with self-cleaning enamel. The surfaces clean themselves while the oven is in operation. Large splashes may only disappear after the oven has been used several times.

Never use oven cleaner on self-cleaning surfaces.

If the self-cleaning surfaces of the oven are no longer cleaning themselves sufficiently, they can be regenerated using the cleaning function.

Should the enamel become slightly stained, this will not affect its self-cleaning properties.

Cleaning the oven floor

Use hot soapy water or a vinegar solution.

It is best to use oven cleaner if the oven is very dirty. Only use oven cleaner in a cold oven.
Never use oven cleaner on the self-cleaning surfaces of the oven.

Note:
Enamel is baked on at very high temperatures. This can cause some slight colour variation. This is normal and does not affect the function. Do not use coarse scouring pads or strong cleaning agents to remove such discolorations.

The edges of thin trays cannot be completely enamelled. As a result, these edges can be rough. Anti-corrosion protection is guaranteed.

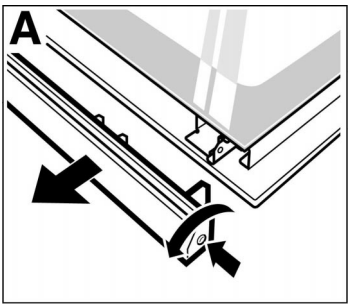
Cleaning the glass cover for the oven light

It is best to clean the glass cover with washing-up liquid.

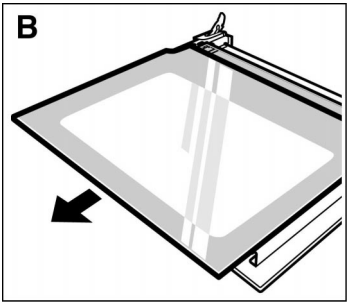
Cleaning the glass panels

The glass panel on the oven door can be removed to assist in cleaning.

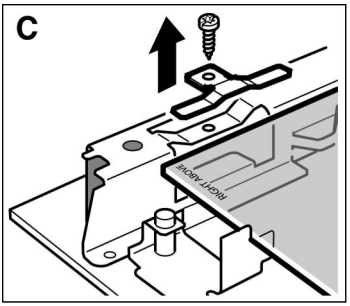
Removal



1. Remove the oven door and lay it down on a cloth with the handle underneath.
2. Unscrew the cover at the top of the oven door. To do this, undo the right and left-hand screws (Fig. A)



3. Slide out the top panel. (Fig. B)

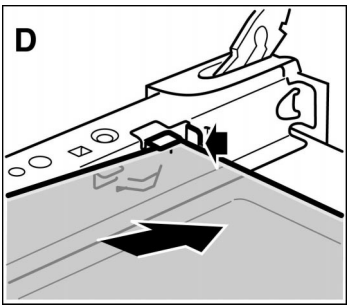


4. Unscrew the clips on the right and left and remove them (Fig. C). Remove the panel.

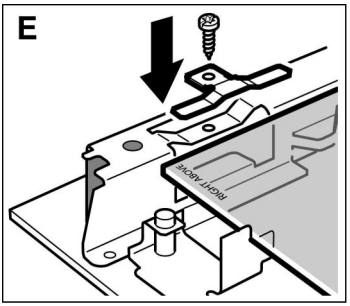
Clean the glass panels with glass cleaner and a soft cloth.

Installation

Make sure that the message “Right above” is upside down at the bottom left of both panels.



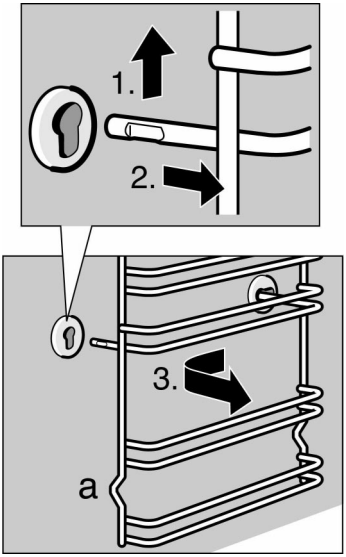
1. Push the glass panel back at an angle. (Fig. D)



2. Fit the clips and screw them in again.
3. Push the top panel back in. Make sure that the smooth surface is facing outwards.
4. Replace the cover and screw it back on.
5. Refit the oven door.

The oven must not be used again until the panels have been correctly installed.

Cleaning the rails



The rails can be removed for cleaning.

To unhook the rails:

1. Lift the rail at the front in an upwards direction
2. and unhook it.
3. Then pull the whole rail forward and take it out.

Clean the rails using either washing-up liquid and a sponge or a brush.

To hook rails back into position:

First insert the rail in the rear socket,
push it back slightly
and then hook it into the front socket.

The rails fit both the left and right sides. Recess (a) must always be at the bottom.

Seal

Clean the seal on the oven with washing-up liquid. Never use caustic or abrasive detergents.

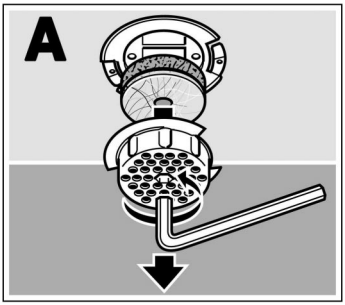
Accessories

Immediately after use, soak the accessories in washing-up liquid. Food residues can then be easily removed with a brush or sponge.

Steam filter

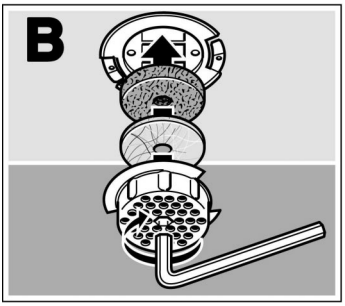
The oven cover features a steam filter. This filters out grease particles in the extracted air, thereby reducing odours.
The filter must be cleaned occasionally.

Method



1. Using an Allen (6 mm), turn the filter head anticlockwise and remove. Figure A.
2. Remove both filter elements.

The filter head and the thin, single-layer filter element can be cleaned with washing-up liquid or washed in the cutlery basket of the dishwasher.You must not wash the thicker filter element.The coating could be damaged.



3. Place the single-layer filter element and then the double-layer filter element back in the filter head.
4. Insert the filter head and, using the Allen key, tighten it by turning it clockwise.
   The filter head must be inserted as shown in Figure B. Only then can it be re-fitted securely.

Cleaning function

The cleaning function is a regeneration program. If the self-cleaning parts of the oven are no longer cleaning themselves sufficiently, i.e. as soon as dark stains are visible, they must be regenerated using this function. They are then fully operational again.

You may choose from three cleaning levels.

Level	Degree of cleaning	Duration
1	Low	45 minutes
2	Medium	1 hour
3	Intensive	1 hour, 15 minutes

What you should know

Firstly, you must clean the oven surfaces which are not self-cleaning. Otherwise stains may appear that cannot be removed.



The exterior of the oven will become very hot. Make sure that nothing is placed against the front panel. Keep children at a safe distance.

You cannot switch the oven light on during automatic self-cleaning. The preheating indicator does not appear.

Before automatic self-cleaning

Remove the accessories and all ovenware from the oven.



Risk of fire. Loose food residue, grease and meat juices are flammable.

Clean the oven door and along the edges of the oven around the seal. Do not scour the seal.

Setting procedure

Example: Cleaning level 3

1. Set the function selector to clean.



2. Use the rotary knob to set the desired cleaning level.

   Self-cleaning starts after a few seconds.



Calling up the duration and end time

To call up the remaining time or the end time:
Press the ◷ clock button repeatedly until “Duration” or “End time” appears.

You want the cleaning function to switch on and off automatically

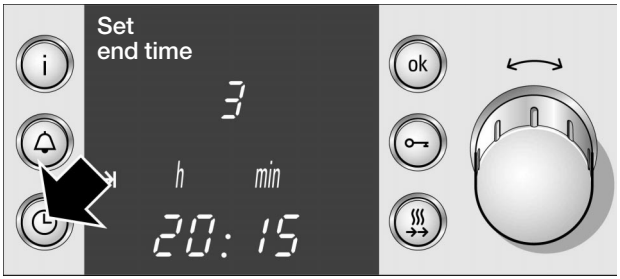
You can also set the oven so that the cleaning runs at night, for example. Then the oven will be available at all times during the day.

Example: You want automatic self-cleaning to finish at midnight (23:00).

Set the oven as described in steps 1 and 2

3. Then press the ◷ button until “Set end time” appears.

   The display shows when automatic self-cleaning will be finished.



4. Use the rotary knob to set a later end time.

   The self-cleaning function switches on and off at the appropriate times. The clock reappears once self-cleaning has started.



The cleaning time has elapsed

Switch off the function selector.

Cancelling the setting

Switch off the function selector.

Note

The cleaning level cannot be changed once the cleaning operation has been started.

When the oven has cooled

Wipe away salt residues from the self-cleaning components using a moist cloth.

Troubleshooting

Should a malfunction occur, it is often only due to a minor fault. Please read the following notes before calling the after-sales service.

Problem	Possible cause	Comments/remedy
The oven does not work.	Blown fuse.	Look in the fuse box to make sure that the fuse for the appliance is okay.
	Power cut	Check whether the kitchen light switches on.
	The oven is locked.	Press the key button until the key symbol in the display goes out.
The symbol for the type of heating set and the clock display flash.	Power cut	First reset the clock and then the type of heating.
The clock display flashes.	Power cut	Reset the time.
The oven does not heat up. A square appears in the temperature display.	The appliance is currently in demo mode.	Switch off the fuse in the fuse box. Wait for approximately 20 seconds. Switch on the fuse again. Within the next 2 minutes, press the rapid heating up button for 6 seconds until the square in the display disappears.
“Automatic time limit” appears in the text display.	The oven was operated for a long period without the setting being changed.	Switch off the function selector.
“Er1” or “Er4” appear in the display.	The temperature sensor has failed.	Contact the after-sales service.
“Incorrect mains connection” “Er2” appears in the display	Faulty mains connection.	Switch off the fuses in the fuse box and connect the cooker properly.
“Er3” appears in the display.	The electronic circuits have overheated.	The cooling fan is operating. “Er3” will clear after cooling and the cooker will heat again.

Problem	Possible cause	Comments/remedy
“Er5” appears in the display.	Communication error	Switch the oven fuse off in the fuse box, wait approximately 20 seconds and then switch it on again. Reset the time. If this error occurs frequently, call customer services.
“Er10” appears in the display.	Data error	Switch the oven fuse off in the fuse box, wait approximately 20 seconds and then switch it on again. Reset the time. If this error occurs frequently, call customer services.
“Er11” appears in the display.	A button has been pressed for too long or a button has jammed.	Press all buttons separately. If the error message remains, please contact the after-sales service.
“Er15” appears in the display.	The oven has become too hot.	Let your oven cool down. Contact the after-sales service.

Repairs may only be carried out by fully trained after-sales service technicians.

Incorrect repairs may result in serious injury to the user.

Replacing the oven light

If the oven light fails, it must be replaced. 40 watt heat–resistant spare bulbs can be obtained from the after–sales service or specialist shops.
Only use these bulbs.

Method

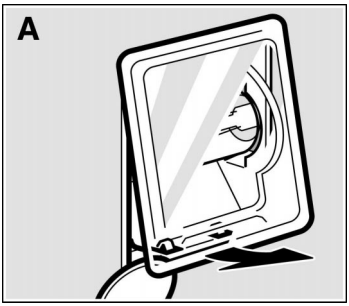


1. Switch off the oven fuse in the fuse box.
2. Place a tea towel in the cold oven to prevent damage.
3. Unscrew the glass cover by turning it anti–clockwise.
4. Replace the oven light with one of the same type.
5. Screw the glass cover back on.
6. Remove the tea towel and switch the fuse back on.

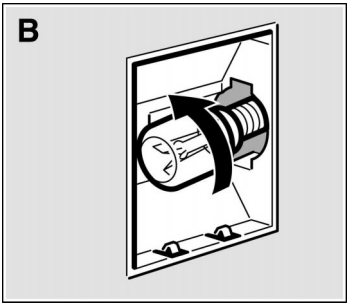
Replacing the oven light

If the oven light fails, it must be replaced. 25 watt heat–resistant spare bulbs can be obtained from the after–sales service or specialist shops.
Only use these bulbs.

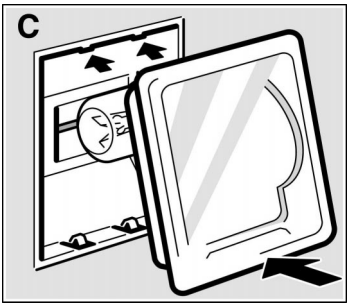
Method



1. Switch off the oven fuse in the fuse box.
2. Place a tea towel in the cold oven to prevent damage.
3. Remove the glass cover. To do this, open the glass cover at the bottom with your hand. Figure A.
   If the glass cover is difficult to remove, use a spoon to help you.



4. Unscrew the bulb and replace it with one of the same type. Figure B.



5. Fit the glass cover back on. Ensure that the curvature in the glass is on the right.
   Insert the glass cover at the top and press it firmly on at the bottom. Figure C. The glass cover will now click into place.
6. Remove the tea towel and switch the fuse back on.

Replacing the glass cover

The glass cover on the oven light must be replaced if it is damaged. Replacement glass covers may be obtained from the after-sales service. To this end, please specify the E number and FD number of your appliance.

After-sales service

Our after-sales service is there for you if your oven needs repairing.You will find the address and telephone number of your nearest after-sales service centre in the phone book. The after-sales service centres listed will also be happy to advise you of a service point in your local area.

E number and FD number

Please quote the E number (product number) and the FD number (production number) of your appliance when contacting the after-sales service. The rating plate containing these numbers is found on the right, on the side of the oven door. You can make a note of these numbers in the space below to save time in the event of your appliance malfunctioning.

E no.	FD no.

After-sales service ☎

Packaging and old appliances

Disposing in an environmentally-responsible manner

Unpack the appliance and dispose of the packaging in an environmentally-responsible manner.



This appliance is labelled in accordance with the European Directive 2002/96/EC 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.

Tables and tips

This table contains a selection of dishes and the optimum settings at which to cook them. You can find out which type of heating and temperature is best for your dish, which accessories to use, and at which oven level the dish should be inserted. You will find a variety of tips about ovenware and preparation, and a small troubleshooting section in case anything should go wrong.

Cakes and pastries

Baking on one level

If you are baking cakes on one level, you should use top/bottom heating. This will give the best results for your cakes.

Baking tins

It is best to use dark baking tins. You should use intensive heat when using thin baking tins, or glass containers.

Place the cake tin on the wire rack.

Tables

The values in the table apply to dishes placed in a cold oven. This saves energy. Shorten the baking times indicated by 5 to 10 minutes if you have preheated the oven.

The tables show which type of heating is best for different cakes and bakes.
The temperature and cooking time you select depends on the quantity and type of pastry. This is why “ranges” are given in the tables. You should try to use a lower temperature setting to start with, since this allows more even browning. If necessary, use a higher temperature setting the next time.

More information can be found in the “Baking tips” section which follows the tables.

Intensiv heat

Food	Dish	Shelf position	Cooking method	Temp. °C	Time, minutes
Fruit crumble	glass dish	2		180	35-45
Jam tarts*	12 hole bun tin	2		200	15-20
Yeast cookery* (f.ex.Pizza)	universal pan	2		180	20-30
Tarts**	20 cm plate or pie tin	2		200	40-50
Quiches**	glass dish	2		210	40-50
Pies**	pie dish	2		200	45-55

* Preheat oven

** For a crispy bottom always place dish on the universal pan

3D-Hot air

Food	Dish	Shelf position	Cooking method	Temp. °C	Time, minutes
Rich fruit cake	Ø 23 cm round tin or 20 cm square cake tin	2		140	160-170
Meringues	universal pan	3		100	100-150
Pavlova	universal pan	3		150*+ 100	100-120
Jacket Potatoes	universal pan	2		170	60-70

* Preheat oven

Conventional heat

Food	Dish	Shelf position	Cooking method	Temp. °C	Time, minutes
Light fruit cake	20 cm tin	2		180	70-80
Swiss roll*	swiss roll tin	2		200	10-12
Rich biskuits	baking tray	3		180	15-20
Souffles	1,2 l souffle dish	2		180	40-50

* Preheat oven

Conventional baking

Food	Dish	Shelf position	Cooking method	Temp. °C	Cooking time, min
Victoria sandwich	20 cm tins	2		170	30
Bread	loaf tin (900 g or 2x 450 g)	1		240	25-35
Scones*	baking tray	1		220	15-20
Yorkshire Pudding*	12 hole bun tin	2		200	25-35

* Preheat oven

3D-Hot air
Baking on 2 or 3 levels

Food	Dish	Shelf position	Cooking method	Temp. °C	Cooking time, min
Victoria sandwich	20 cm tins	1+3		160	35-40
Scones*	baking trays	1+3		180	20-30
Jacket potatoes	wire racks	1+3		160	60-90
Biscuits	baking trays**	1+3 2+3+5		150 140	20-25 25-30
Small Cakes*	baking trays**	1+3		150	35-40
Meringues	baking trays**	1+3 2+3+5		90 90	100-150 100-150
Full meal	wire racks	1+4		180	80-90

* Preheat oven

** When baking on two levels, use the universal pan provided, as the top shelf. When baking on three levels, use the universal pan as the bottom shelf.

Baking tips

You wish to cook to your own recipe.	Refer to the instructions in the tables for similar types of food.
How to check that a sponge cake is cooked properly.	Approximately 10 minutes before the end of the baking time given in the recipe, pierce the tallest point of the cake with a cocktail stick. The cake is done if the cocktail stick comes out clean.

The cake collapses.	Next time, use less liquid or decrease the oven temperature by 10 degrees. Observe the cooking times in the recipe.
The cake has risen in the centre but is lower at the edges.	Do not grease the sides of the springform cake tin. As soon as the cake is done, carefully loosen the cake around the edges using a knife.
The cake is too dark at the top.	Insert it at a lower level in the oven, select a lower temperature and cook the cake a little while longer.
The cake is too dry.	Use a toothpick to make small holes in the finished cake. Then drizzle fruit juice or alcohol over the top. Next time you should decrease the temperature by around 10 degrees and reduce the baking times.
The bread or cake (e.g. cheesecake) looks fine, but is soggy on the inside (soft, with watery areas).	Next time you should add a little less liquid and cook for a little longer at a lower temperature. Cakes with fruit topping: Precook the base first of all. Sprinkle with almonds or breadcrumbs and then place the topping over this. Please observe the recipe and the baking times.
The pastry is unevenly browned.	Select a slightly lower temperature to ensure that the pastry is baked more evenly. Delicate pastry should be baked on one level using top/bottom heating. Baking paper that protrudes over the food can affect the air circulation. For this reason, always cut the baking paper to fit the baking tray.
The fruit cake is too light at the bottom. The fruit juice flows over.	Use the deeper universal pan next time.
You were baking on several levels. The food on the top baking tray is darker than that on the bottom baking tray.	Always use 3D hot air when baking on several levels. Baking trays that are placed in the oven at the same time will not necessarily be ready at the same time.
Condensation is formed when baking cakes containing fresh fruit.	Baking may result in the formation of water vapour. It escapes above the door handle. The steam may settle and form water droplets on the control panel or on the fronts of adjacent units. This is a normal physical process.

Meat, poultry, fish

Ovenware

You may use any heat-resistant dishes. The universal pan 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 universal pan 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.

Tables

The table applies to insertion into a cold oven. The time specifications are provided as guidelines only and depend on the type and quality of the meat.

Roasting

Food	Shelf position	Cooking method	Temp. °C	Cooking time min per 1 lb.
Beef rare	1		220-240	15+15
Beef medium	1		210-230	15+20
Beef well done	1		200-220	20+25
Beef fillet	1		210-230	15+20
Lamb medium	1		170-190	25+25
Lamb well done	1		150-170	30+30
Pork	1		180-200	30+30
Chicken, Duck, Goose and Turkey up to 5 kilo	1		170-210	20+20
Large Turkey	1		170-190	13+13
Chops and chicken joints	2		190-220	30

Grilling

Food	Shelf position	Cooking method	Grill	Cooking time min per 1 lb.
Meat steaks, bacon	5		2 or 3	12-22
Sausages and Fish fingers	4		3	15-20
Fish	2		2	10-20
Toast, 4 pieces	4		3	6-7
Toast, 9 pieces	4		3	4-5

Tips for roasting and grilling

The table does not contain information for the weight of the roast.	Select the next lowest weight from the instructions and extend the time.
How can you tell when the roast is ready?	Use a meat thermometer (available from specialist shops) or carry out a “spoon test”. Press down on the roast with a spoon. If it feels firm, it is ready. If the spoon can be pressed in, it needs to be cooked for a little longer.
The roast is too dark and the crackling is partly burnt.	Check the shelf position and temperature.
The roast looks good, but the juices are burnt.	Next time, use a smaller roasting dish or add more liquid.
The roast looks good, but the juices are too clear and watery.	Next time, use a larger roasting dish or add less liquid.
Steam rises from the roast when the juice is basted.	Use hot air grilling instead of top/bottom heating. This prevents the bottom of the roast from becoming too hot, thereby producing less steam.

Frozen foods

Please observe the instructions on the packaging.

The values in the table apply to dishes placed in a cold oven.

Meal	Use for	Level	Type of heating	Temperature in °C	Cooking time in minutes
Pizza*	Pizza with a thin base	2		200-220	15-25
	Pizza with a thick base	2		180-200	20-30
	Pizza baguette	2		180-200	20-30
	Mini pizza	3		190-210	10-20
Potato products*	Chips	2		200-220	20-30
	Duchess potatoes	2		200-220	20-30
	Fried potatoes	2		200-220	20-30
	Filled potato skins	2		200-220	15-25
Baked goods*	Rolls	3		190-210	10-20
	Pretzels	3		200-220	10-20

Meal	Use for	Level	Type of heating	Temperature in °C	Cooking time in minutes
Fried foods*	Fish fingers	2		200-220	5-15
	Chicken nuggets	2		200-220	10-25
	Vegetable burgers	2		200-220	15-30
Strudel*	Apple strudel	3		190-210	30-40

* Line the universal pan with greaseproof paper. Please ensure that the greaseproof paper is suitable for use at these temperatures.

Braising

Braising is the ideal method of cooking for all lean cuts of meat, whether they are to be cooked pink or well-done. The meat remains juicy and as soft as butter. Your advantage: You have more room for manoeuvre when planning menus, because braised meat can easily be kept warm.

Cookware

Use a flat dish, e.g. a serving plate made out of porcelain.

This is what to do

1. Use the function selector to select top/bottom heating and the rotary knob to set 90 °C. Preheat the oven and a tray by placing it on the wire grill on level 2.
2. Intensely heat some fat in a frying pan. Brown the meat at a high temperature and transfer it immediately to a preheated tray.
3. Place the tray with the meat back in the oven and continue cooking. For most cuts of meat, a cooking temperature of 90 °C is ideal for this purpose.

Notes of braising

Only use perfectly fresh meat.

Initial frying of the meat should always be at a high temperature and for a sufficient period of time.

Do not cover the meat for subsequent cooking in the oven.

Even large pieces of meat do not need to be turned.

The meat can be cut immediately after braising. It does need to be left to stand.

The special method of cooking means that the meat looks pink on the inside. However, it is by no means raw or insufficiently cooked.

Tables

All cuts of beef, pork, veal and lamb are suitable for braising. The initial frying time and subsequent frying time depend on the size of the meat.

The frying times apply to insertion into hot fat.

	Initial frying on the hotplate (minutes)	Subsequent cooking in oven (minutes)
Small pieces of meat		
Cubes or strips	All-round 1 - 2	20 - 30
Small breaded cutlets, steaks or médaillons	Per side 1 - 2	35 - 50
Medium-sized pieces of meat		
Whole fillet (400 - 800 g)	All-round 4 - 5	75 - 120
Lamb saddle (approx. 450 g)	Per side 2 - 3	50 - 60
Double cutlet	All-round 7 - 9	100 - 120
Large pieces of meat		
Whole fillet (from 900 g)	All-round 6 - 8	120 - 150
Braten (600 g - 1 kg)	All-round 8 - 10	120 - 150
Roasting (1.1 - 2 kg)	All-round 8 - 10	180 - 270

Advice on braising

The braised meat is not as hot as meat that is roasted in the conventional manner.	Warm up the plates and serve the sauces while they are still very hot.
You wish to keep braised meat warm.	After braising, switch the rotary knob back to 70 ºC. Small pieces of meat can be kept warm for up to 45 minutes, and large pieces for up to two hours.

Special meals

This cooker allows temperature settings between 20 and 300 °C. You can therefore make a creamy yoghurt at 40 °C, or cook a crispy pizza at 300 °C. Simply try it out for yourself.

	Ovenware	Level	Type of heating	Temperature in °C	Cooking time
Yoghurt made from 1 litre of milk	Place cups or twist-off lid jars on the wire grill	1		40	6-8 Hours
Bring the milk to the boil (3.5% fat), allow to cool to 45 °C, mix in 150 g yoghurt, pour into cups or jars, cover and place on the wire grill. Preheat the oven to 45 °C for 5 minutes and then prepare as indicated.					
Preheat Pizza Savoury flans (yeast dough with thin topping)	Pizza dish or universal pan	1 3		300 300	7-12 Minutes 7-12 Minutes
Meat in pastry (preheat to 280 - 300 °C)	Universal pan	2		170-190	110-120 Minutes
750 g to 1 kg of meat and the same amount of bread dough.					
Fish, whole, 2 kg (e.g. fresh salmon)	Rack*	2		280-300 95	10 Minutes 50-60 Minutes
Place the prepared fish on the wire grill. Preheat the oven to 280-300 °C, sear the fish for 10 minutes at this temperature, and then lower the temperature to 95 °C.					

* Insert the universal pan at level 1.

Defrosting

Remove the food from its packaging and place it in a suitable dish on the wire grill.

Please observe the instructions on the packaging.

The defrosting times depend on the type and amount of food.

Meal	Accessories	Level	Type of heating	Temperature in °C
Delicate frozen foods e.g. cream gateaux, cream cakes, cakes with chocolate or icing, fruit etc.	Wire rack	2		20 °C
Other frozen foods* Chicken, sausage and meat, bread, bread rolls and other pastries	Wire rack	2		50 °C

* Cover frozen food with microwave foil. Place poultry onto the plate with the breast side down.

In the 30 to 60 °C range, the oven light remains switched off. This gives best control.

Drying

Only use perfectly fresh fruit and vegetables, and wash them thoroughly.

Allow the food to drain well and dry it yourself.

Line the universal pan and wire rack with baking paper or greaseproof paper.

Meal	Level	Type of heating	Temperature in °C	Cooking time in hours
600 g apple rings	2 + 4		80	Approx. 5
800 g sliced pears	2 + 4		80	Approx. 8
1.5 kg prunes or plums	2 + 4		80	Approx. 8 - 10
200 g fresh herbs, washed	2 + 4		80	Approx. 1½

Note

Very moist fruit or vegetables should be turned several times. Once dried, remove the food from the paper immediately.

Preserving

Preparation

The jars and rubber sealing rings must be clean and intact. Use jars of the same size if possible. The instructions in the table refer to round 1-litre jars. Caution Do not use larger or taller jars. The lid could crack.

Only use perfectly fresh fruit and vegetables. Wash them thoroughly.

Pour the fruit or vegetables into the jars. Wipe clean the tops of the jars again if necessary. They must be clean. Place a wet rubber sealing ring and lid on each jar and lock the jars using clamps.

Do not place more than six jars in the oven.

The times specified in the tables are guidelines only. They can be influenced by the room temperature, the number of jars and the amount and temperature of the jar contents. Before you change settings or switch off the appliance, make sure that the contents of the jars are actually bubbling.

Setting procedure

1. Place the universal pan on level 2. Place the jars inside the pan so that they do not come into contact with each other.
2. Pour ½ litre of hot water (approx. 80 °C) into the universal pan.
3. Close the oven door.
4. Switch the function selector to ⊟.
5. Set the rotary knob to 170 to 180 °C.

Preserving fruit

As soon as the contents of the jars begins to simmer, that is when small bubbles appear at short intervals - after about 40 to 50 minutes - turn off the function selector.

The jars should be removed from the oven after being reheated for 25 to 35 minutes. If the food is left to cool in the oven for longer, bacteria might form, causing the preserved fruit to spoil prematurely.

Fruit in 1-litre jars	After bubbling	Reheating
Apples, red/blackcurrants, strawberries	turn off	approx. 25 minutes
Cherries, apricots, peaches, gooseberries	turn off	approx. 30 minutes
Apple purée, pears, plums	turn off	approx. 35 minutes

Preserving vegetables

As soon as the contents of the jars begins to simmer, set the rotary knob back to approximately 120 to 140 °C. The table shows when you can switch off the oven Allow the vegetables to stand in the oven for a further 30 to 35 minutes.

Vegetables with cold stock in 1-litre jars	After bubbling 120 - 140 °C	Reheating
Cucumbers	–	approx. 35 minutes
Beetroot	approx. 35 minutes	approx. 30 minutes
Brussel sprouts	approx. 45 minutes	approx. 30 minutes
Beans, kohlrabi, red cabbage	approx. 60 minutes	approx. 30 minutes
Peas	approx. 70 minutes	approx. 30 minutes

Remove the jars

Never place the hot jars on a cold or wet surface as this could cause the glass to crack.

Energy saving tips

Only preheat the oven if it specifies in the recipe or in the table in the instruction manual that you should do so.

Use non-stick, black painted or enamelled tins. They absorb the heat especially well.

If you have several cakes to bake it is best to bake them one after the other. The oven is still warm. This shortens the baking time for the second cake. You can also put two baking tins in one after the other.

For long cooking times, the oven can be switched off 10 minutes before the end of the cooking time and the remaining heat can be used to finish the cooking.

Acrylamide in foodstuffs

Experts are currently discussing how harmful acrylamide is in food. We have compiled this information for you, based on the results of current research.

Which foods are affected?

Acrylamide is mainly produced in grain and potato products heated at high temperatures, such as potato crisps, chips, toast, rolls, bread, baked goods made from shortcrust pastry (biscuits, gingerbread, cookies).

	Tips for keeping acrylamide to a minimum when preparing food
General	Keep cooking times to a minimum. Cook meals until they are golden brown, not too dark. Large, thick pieces of food contain less acrylamide. Potatoes used for roasting and deep-fat frying should be as fresh as possible. You must not use green or sprouting parts of a potato. Do not store potatoes at temperatures below 8 ºC.

	Tips for keeping acrylamide to a minimum when preparing food
Baking	Maximum 200 ºC with top/bottom heating, maximum 180 ºC with 3D hot air. Egg white and egg yolk reduce the formation of acrylamide.
Biscuits	Maximum 190 ºC with top/bottom heating, maximum 170 ºC with 3D hot air.
Oven chips	Spread out a single layer evenly on the baking tray. Bake at least 400 g per baking tray so that the chips do not dry out.
Roasting in the pan	Boil potatoes before roasting them. For raw potatoes, use margarine instead of oil. A surface thermometer is useful for checking the surface temperature in the pan (e.g. order no. 0900.0519 from testo). Heat the roasting pan on the highest level. Once the pan reaches 150 ºC, turn the heat back down to the setting desired for the remaining cooking time.
Deep–fat frying	Fat should not be hotter than 175 ºC. Check the temperature with a fat thermometer. The ratio of fat to food should be between 1:10 and 1:15, e.g. 100 g chips in 1.5 l oil. Soak potatoes for one hour before deep frying.

Test dishes

referring to EN 60350.

Baking

Food	Dish and notes	Shelf position	Cooking method	Temp. °C	Cooking time min
Small Cakes	baking tray	3		170-190	20-30
Small Cakes	baking tray + universal pan*	1+3		140-160	30-40
(preheat oven)	baking trays + universal pan*	2+3+5		140-160	40-50
Fatless sponge cake	baking tin (dark coated)	2		160-180	30-40
Apple pie	2 wire racks + 2 tinplate springform cake tins Ø 20 cm	2+4 placed diagonally		180-200	70-80
	universal pan + 2 tinplate springform cake tins Ø 20 cm	1 in the centre alongside one another		190-210	70-80

* When baking on two levels, use the universal pan provided, at shelf position three. When baking on three levels, use the universal pan as the bottom shelf.

Grilling

Food	Dish and notes	Shelf position	Cooking method	Grill setting	Cooking time min
White bread (preheat oven 10 min)	wire rack	5		Setting 3	30 sec-2 mins
Beefburger*	wire rack	4		Setting 3	25-30

* Turn the burgers over after 17-20 min. Insert the universal pan at level 1.

Notes