

# Operating and installation instructions

## Oven



To prevent the risk of accidents or damage to the appliance, it is **essential** to read these instructions before it is installed and used for the first time.

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## Warning and Safety instructions

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This appliance conforms to current safety requirements. Inappropriate use can, however, lead to personal injury and damage to property.

To avoid the risk of accidents and damage to the appliance, please read these instructions carefully before using it for the first time.

They contain important notes on installation, safety, use and maintenance.

Miele cannot be held liable for non-compliance with these instructions.

Keep these instructions in a safe place and ensure that new users are familiar with the contents. Pass them on to any future owner.

# Warning and Safety instructions

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## Correct application

- ▶ This oven is designed for domestic use and for use in similar environments by guests in hotel or motel rooms, bed & breakfasts and other typical living quarters. This does not include common/shared facilities or commercial facilities within hotels, motels or bed & breakfasts.
- ▶ The oven is not suitable for outdoor use.
- ▶ The oven is intended only to cook, bake, roast, grill, defrost, bottle, dry fruit etc.  
Any other usage is at the owner's risk.
- ▶ This oven is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they are supervised whilst using it or have been given instruction concerning its use by a person responsible for their safety.  
They must be able to recognise the dangers of misuse.

# Warning and Safety instructions

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## Safety with children

- ▶ Young children must not be allowed to use this appliance.
- ▶ Older children may only use the appliance when its operation has been clearly explained to them and they are able to use it safely, recognising the dangers of misuse.
- ▶ Cleaning work may only be carried out by older children under the supervision of an adult.
- ▶ Children should be supervised near the appliance. Ensure that they do not play with the appliance.
- ▶ Children may be able to wrap themselves in packing material or pull it over their heads with the risk of suffocation. Keep children away from any packing material.

### ▶ Danger of burning!

Children's skin is far more sensitive to high temperatures than that of adults. Great care should be taken to ensure that children do not touch the appliance when it is being used. External parts of the oven such as the door glass, control panel and the vents become quite hot.

### ▶ Danger of injury!

The maximum load capacity for the door is 15 kg. Children can hurt themselves on an open door.

Ensure that children do not sit on or swing on the door.

### ▶ Danger of burning!

Children's skin is far more sensitive to high temperatures than that of adults. The oven becomes hotter during the Pyrolytic cleaning programme than it does in normal use. Do not let children touch the oven while the Pyrolytic cleaning programme is running.

## Technical safety

- ▶ Repairs and other work by unqualified persons could be dangerous. Installation, maintenance work and repairs to electrical appliances must only be carried out by a Miele approved service technician.
- ▶ A damaged appliance is dangerous. Check it for any visible damage. Never install or attempt to use a damaged appliance.
- ▶ Reliable and safe operation of this oven can only be assured if it has been connected to the mains electricity supply.
- ▶ The electrical safety of this appliance can only be guaranteed when continuity is complete between it and an effective earthing system. It is most important that this basic safety requirement is present and tested regularly and, where there is any doubt, the household wiring system should be inspected by a qualified electrician.
- ▶ Before connecting the appliance to the mains supply, make sure that the rating on the data plate (voltage and frequency) corresponds to that of the household supply. This data must correspond in order to avoid risk of damage to the appliance. Consult a qualified electrician if in any doubt.
- ▶ Do not connect the appliance to the mains electricity supply by a multi-socket unit or an extension lead. These do not guarantee the required safety of the appliance (e.g. danger of overheating).
- ▶ For safety reasons, this appliance may only be used when it has been built in.
- ▶ This oven must not be installed and operated in mobile installations (e.g. on a ship).

## Warning and Safety instructions

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- Tampering with electrical connections or components and mechanical parts is highly dangerous to the user and can cause operational faults.  
Do not open the outer casing of the appliance.
- The manufacturer's warranty will be invalidated if the appliance is not repaired by a Miele approved service technician.
- Faulty components must only be replaced by genuine Miele spare parts. The manufacturer can only guarantee the safety of the appliance when Miele replacement parts are used.
- If the oven is delivered without a connection cable, or if the connection cable supplied is damaged, a special connection cable must be installed by a Miele approved service technician (see "Electrical connection").
- During installation, maintenance and repair work, the appliance must be disconnected from the mains electricity supply, e.g. if the oven lighting is faulty (see "Problem solving guide").  
It is only completely isolated from the electricity supply when:
  - it is switched off at the mains circuit breaker, or
  - it is switched off at the wall socket and the plug is withdrawn from the socket.Do not pull the mains connection cable but the mains plug to disconnect your appliance from the mains electricity supply.

## Warning and Safety instructions

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- ▶ For the oven to function correctly, it requires a sufficient intake of cool air. Ensure the intake of cool air to the oven is not impaired (e.g. due to the installation of insulation material inside the housing unit). Furthermore, the incoming cool air must not be excessively heated by other heat sources (e.g. fuel furnaces).
- ▶ If the oven is installed behind a furniture door, do not close the door while the oven is in operation. Heat and moisture would build up behind a closed furniture door, potentially causing damage to the oven, the furniture unit and the flooring. Wait until the oven has cooled down completely before closing the furniture door.

# Warning and Safety instructions

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## Correct use

### Danger of burning!

The oven becomes hot when in use.

Exercise care when handling food and trays so as not to burn yourself on heating elements, the walls of the oven, shelf runners, trays and hot food itself.

Use oven gloves when placing food in the oven, turning or removing it and when adjusting oven shelves etc. in a hot oven.

► Do not use the oven to heat up the room.

Due to the high temperatures radiated, objects left near the appliance could catch fire.

► Never leave the appliance unattended when cooking with oil or fats as these are a fire hazard if allowed to overheat.

Do not attempt to extinguish oil or fat fires with water.

Switch off the oven and smother the flames by keeping the oven door closed.

► Make sure that you keep to the recommended grilling times when using grilling functions.

Excessively long grilling times can lead to food drying out and burning or could even cause the food to catch fire.

## Warning and Safety instructions

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- ▶ Some foods dry out very quickly and can be ignited by high grilling temperatures. Do not use grilling functions for crisping rolls or bread or to dry flowers or herbs. Instead use Fan Plus  or Conventional Heat .
- ▶ If using alcohol in your recipes, please be aware that high temperatures can cause the alcohol to vaporise and even to ignite on the hot heating elements.
- ▶ When residual heat is used to keep food warm, the high level of humidity and condensation can cause corrosion in the oven. The control panel, worktop or furniture unit may also be damaged. Do not switch the oven off completely while food is inside it, but select the lowest possible temperature for the oven function you are using. This will ensure the fan will automatically continue to run.
- ▶ Cover any food which is left in the oven to be kept hot, as moisture in the food could lead to corrosion damage in the oven. This also prevents the food from drying out.
- ▶ Never cover the floor of the oven with aluminium foil, or place oven dishes, pans, saucepans or trays directly onto the floor of the oven. This would cause concentrations of heat which could cause damage to the floor of the oven.
- ▶ When storing pots or pans in the oven, do not slide them across the floor of the oven as this will damage the enamel coating.

## Warning and Safety instructions

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- ▶ Never pour cold water onto hot surfaces in a hot oven. The steam created could cause serious burns or scalding and the sudden change in temperature can damage the enamel in the oven.
- ▶ During cooking processes using moisture and during the residual moisture evaporation process steam is produced which can cause serious injury by scalding.  
Do not open the door whilst a burst of steam is being released or during the evaporation process.
- ▶ It is important that the heat is allowed to spread evenly throughout the food being cooked. This can be achieved by stirring and/or turning the food.
- ▶ Plastic containers, which are not heat-resistant, melt and may ignite at high temperatures and can damage the oven.  
Use only plastic containers that are indicated by the manufacturer as being suitable for use in ovens.
- ▶ Do not use the appliance to heat up or bottle food in sealed jars and tins.  
Pressure will build up inside them and they can explode causing damage to the appliance, as well as the risk of injury and scalding.
- ▶ Do not leave the oven door open unnecessarily as someone may trip over it or be injured by it.
- ▶ The oven door can support a maximum load of 15 kg.  
Do not lean or sit on an open oven door, or place heavy items on it. Also make sure that nothing can get trapped between the door and the oven cavity. This could damage the oven.

## Cleaning and care

- ▶ Do not use a steam cleaning appliance to clean this oven. Pressurised steam could reach the electrical components and cause a short circuit.
- ▶ Scratches on the door glass can result in the glass breaking. Do not use abrasive cleaners, hard sponges, brushes or sharp metal tools to clean the door glass.
- ▶ The shelf runners can be removed for cleaning purposes (see "Cleaning and care"). Ensure they are correctly fitted after cleaning and never operate the oven without the shelf runners fitted.

# Warning and Safety instructions

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## Accessories

► Use only genuine original Miele spare parts. If spare parts or accessories from other manufacturers are used, the warranty will be invalidated, and Miele cannot accept liability.

► If you have a Miele HUB 5000-M/HUB 5001-M/HUB 5000-XL oven dish, do not place it on shelf level 1.

This would damage the floor of the oven. The very small gap between the bottom of the dish and the oven floor would cause a build-up of heat and could cause the enamel to crack or chip.

Do not place Miele oven dishes on the top rail of shelf level 1 as they will not be secured in this position by the anti-tip safety notches on the sides of the dishes.

Instead, use shelf level 2 for these oven dishes.

► The high temperatures used during pyrolytic cleaning will damage accessories that are not designed for cleaning in the Pyrolytic programme.

Please remove these accessories from the oven interior before starting the Pyrolytic cleaning programme. This also applies to non-pyrolytic accessories purchased separately to the oven (see "Cleaning and care").

## Caring for the environment

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### Disposal of the packing material

The transport and protective packing has been selected from materials which are environmentally friendly for disposal and can normally be recycled.

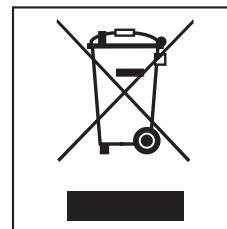
Recycling the packaging reduces the use of raw materials in the manufacturing process and also reduces the amount of waste in landfill sites.

Rather than just throwing these materials away, please ensure they are offered for recycling.

Ensure that any plastic wrappings, bags, etc. are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation!

### Disposing of your old appliance

Electrical and electronic appliances often contain materials which, if handled or disposed of incorrectly, could be potentially hazardous to human health and to the environment. They are, however, essential for the correct functioning of your appliance. Therefore, please do not dispose of your old appliance with your household waste.

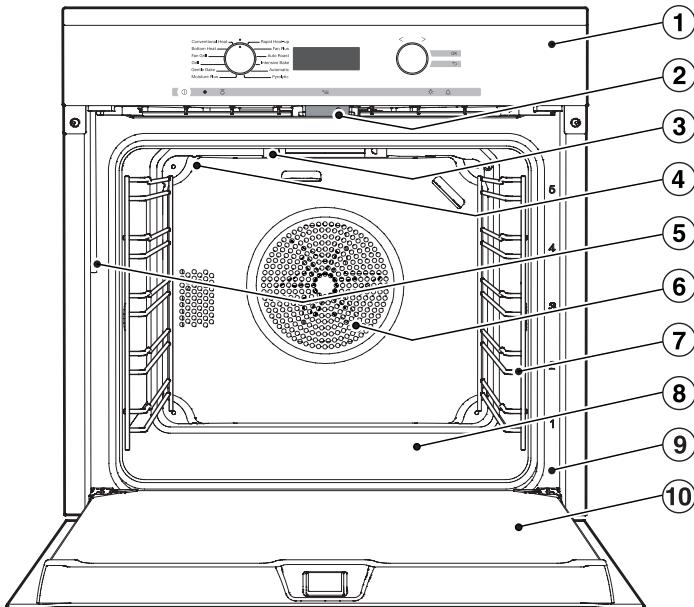


Please dispose of it at your local community waste collection / recycling centre.

Ensure that your old appliance presents no danger to children while being stored for disposal.

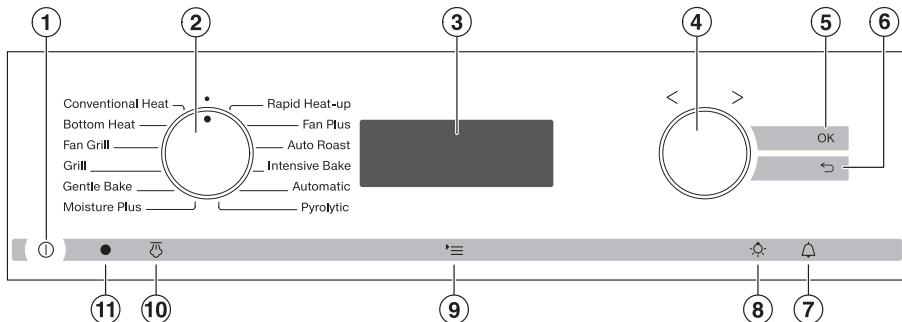
# Oven overview

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- ① Oven controls\*
- ② Door lock for Pyrolytic cleaning
- ③ Top heat/grill element
- ④ Steam inlet openings
- ⑤ Water intake pipe for the steam injection system
- ⑥ Air inlet for the fan with ring heating element behind it
- ⑦ Shelf runners with 5 shelf levels
- ⑧ Oven floor with bottom heat element underneath it
- ⑨ Front frame with data plate
- ⑩ Door

\* Depending on model



- ① On/Off sensor ①
- ② Function selector ②
- ③ Display ③
- ④ Rotary selector < > ④
- ⑤ OK sensor ⑤
- ⑥ ↵ (Back) sensor ⑥
- ⑦ △ sensor ⑦
- ⑧ ☀ sensor ⑧
- ⑨ ≡ sensor ⑨
- ⑩ ⌂ sensor ⑩
- ⑪ Optical interface (for Miele Service technicians only) ⑪

# Oven controls

## On/Off sensor ①

The On/Off sensor ① is recessed and reacts to touch.

It is used for switching the oven on and off.

## Function selector

For selecting oven functions.

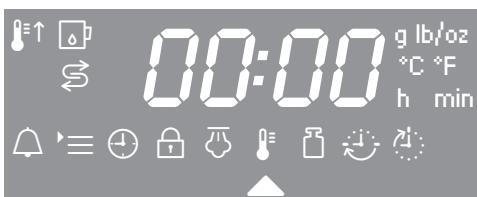
The function selector can be turned clockwise or anti-clockwise. When the function selector is in the ● position, it can be retracted by pushing it in.

## Oven functions

-  Conventional Heat
-  Bottom Heat
-  Fan Grill
-  Grill
-  Gentle Bake
-  Moisture Plus
-  Rapid Heat-up
-  Fan Plus
-  Auto Roast
-  Intensive Bake
-  Automatic programmes
-  Pyrolytic cleaning

## Display

The time of day or your settings appear in the display.



## Symbols in the display

Depending on the position of the function selector ① and/or whether a sensor has been touched, the following symbols appear:

Symbol/Function	
 Minute minder	Any
 Temperature indicator light	Oven function
 Duration	
 End of cooking duration	
 Temperature	
 Water intake process	Moisture Plus
 Descale	
 Bursts of steam	
 Weight	Automatic programmes
 Settings P	
 Time of day	
 System lock	●

You can only set or change a function if the function selector is in the correct position.

## Rotary selector

Use the rotary selector < > to enter temperatures and durations.

Turning it clockwise will increase the values, and turning it anti-clockwise will decrease them.

It can also be used to highlight a function by moving the triangle  $\blacktriangle$  in the display.

It can be turned clockwise or anti-clockwise. It can be retracted in any position by pressing it in.

## Sensors

The OK,  $\leftarrow$ ,  $\overline{\textcircled{S}}$ ,  $\textcircled{E}$ ,  $\textcircled{Q}$  and  $\textcircled{A}$  sensors react to touch. Each touch is confirmed with a keypad tone.

This keypad tone can be switched off by changing setting  $P\ 3$  to Status  $S\ 0$  (see "Settings").

## Oven controls

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Sensor	Function	Notes
OK	For calling up functions and saving settings	Functions marked with the triangle $\blacktriangle$ can be called up by touching OK. The selected function can be changed whilst the triangle $\blacktriangle$ is flashing. Touch OK to save the changes.
$\leftarrow$	To go back a step	
$\prime\equiv$	For calling up functions	If the time of day is visible in the display and the rotary selector is at the $\bullet$ position, the symbols for settings $\prime\equiv$ , time of day $\oplus$ , and system lock $\text{Lk}$ will appear when the $\prime\equiv$ sensor is touched. If the time of day display is switched off, the $\prime\equiv$ sensor will not react until the oven is switched on. During a cooking process, temperature $\text{F}$ , cooking duration $\text{H}$ and finish time $\text{D}$ can be adjusted by touching this sensor.

Sensor	Function	Notes
	For switching the oven interior lighting on and off	<p>If the time of day display is visible, the oven interior lighting can be switched on and off by touching the  sensor, for example when cleaning the oven.</p> <p>If the display is dark, the  sensor will not react until the oven is switched on.</p> <p>The oven interior lighting switches off after 15 seconds during a cooking process or remains constantly switched on, depending on the setting selected.</p>
	For setting the minute minder	<p>If the time of day is visible, you can enter a minute minder duration at any time, e.g. when boiling eggs on the cooktop.</p> <p>If the time of day display is switched off, the  sensor will not react until the oven is switched on.</p>
	For injecting the bursts of steam	<p>If manual bursts of steam are selected for the Moisture Plus  function, the bursts of steam are injected by touching the  sensor.</p> <p>The  sensor lights up when a burst of steam can be injected.</p> <p> appears in the display when a burst of steam is being injected.</p>

# Features

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## Model numbers

A list of the ovens described in these operating instructions can be found on the back page.

## Data plate

The data plate located on the front frame of the oven is visible when the door is open.

On the data plate are printed the model number, serial number and the connection data (voltage/frequency/maximum rated load).

Have this information available if you need to contact Miele so that any issues can be rectified as quickly as possible.

## Items supplied with delivery

The oven is supplied with:

- the operating and installation instructions for using the oven functions,
- Culinario recipe book,
- screws for fixing the oven to the housing unit,
- descaling tablets and a plastic tube with suction cup for descaling,
- various accessories.

## Standard and optional accessories

Depending on model!

All ovens are supplied with shelf runners, a universal tray and baking and roasting rack (rack for short).

Depending on the model, Miele ovens may be supplied with the accessories listed below.

All accessories and cleaning and care products in these instructions are designed to be used with Miele ovens.

They can be ordered at [www.miele-shop.com](http://www.miele-shop.com) (depending on country) or from Miele.

Please state the model number of your oven and that of any accessories you wish to purchase.

## Shelf runners

Shelf runners for accessories (trays, racks, FlexiClip telescopic runners etc.) are fitted on either side of the oven cavity for shelf levels .

The shelf level numbers are indicated on the front of the oven frame.

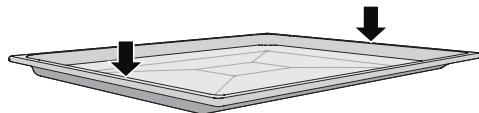
Each shelf runner has two rails:

- Accessories are inserted between the two shelf runners.
- FlexiClip telescopic runners (if available) are fitted to the bottom rail of each shelf runner.

The shelf runners can be removed for cleaning purposes (See "Cleaning and care").

## Baking tray, universal tray and rack with non-tip safety notches

Baking tray HBB71:



Universal tray HUBB71:



Rack HBRR72:



Insert these accessories into the shelf runners between the two rails of a shelf level.

Non-tip safety notches are located on accessories to prevent the trays being pulled out completely when you only wish to pull them out partially. They also prevent trays from tipping.

- The non-tip safety notches are located in the middle of the short sides of the baking tray and universal tray.
- The non-tip safety notches are located towards the back of the short sides of the rack.

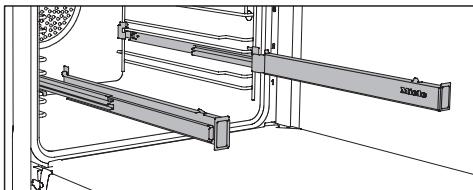
Always place the rack with the loading surface in the lower position and the non-tip safety notches towards the back.



If you are using the universal tray with the rack on top, insert the tray between the rails of a shelf runner and the rack will sit on top of it.

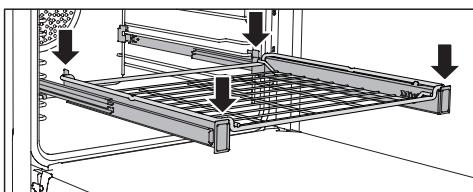
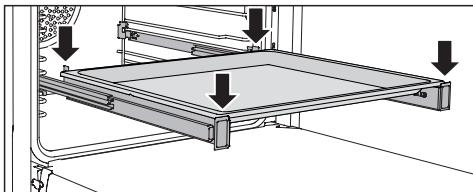
# Features

## FlexiClip telescopic runners HFC72



The FlexiClip telescopic runners can be attached to any shelf level.

Push the FlexiClip telescopic runners right into the oven before placing accessories on them. The accessories will then automatically sit securely in between the stoppers at either end of each runner and be prevented from sliding off.



The maximum load for the FlexiClip telescopic runners is 15 kg.

## Fitting and removing the FlexiClip telescopic runners

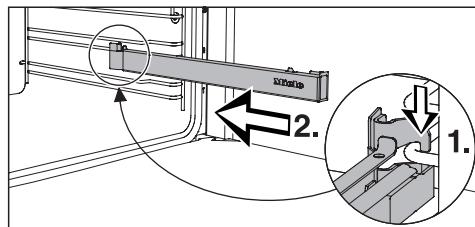
 Danger of burning!

Make sure the oven heating elements are switched off and the oven interior is cool.

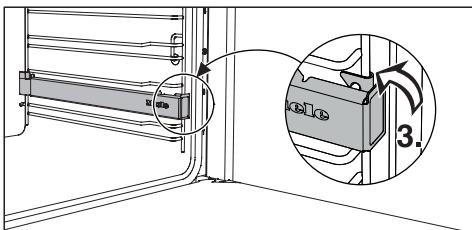
The FlexiClip telescopic runners are fitted in between the two rails that make up a shelf level.

The telescopic runner with the Miele logo must be fitted on the right.

When fitting or removing the telescopic runners, do **not** extend them.



- Hook the FlexiClip telescopic runner onto the bottom rail of a shelf level at the front (1.) and push it along the rail into the oven interior (2.).

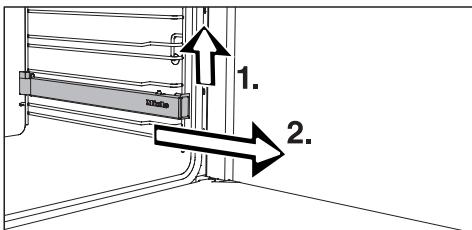


- Then secure the telescopic runner to the bottom of the two rails as illustrated (3).

If the telescopic runners are difficult to pull out after fitting, you may need to pull firmly on them once to release them.

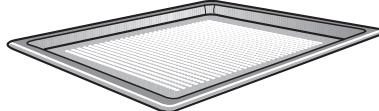
To remove a FlexiClip telescopic runner:

- Push the FlexiClip telescopic runner all the way in.



- Remove the FlexiClip runner by raising it at the front (1) then pulling it forwards along the rail and out (2).

## Gourmet perforated baking tray HBBL 71



The Gourmet perforated baking tray has been specially developed for the preparation of baked goods made from yeast and quark/oil mixtures. The tiny perforations assist in browning the underside of baked goods. The tray can also be used for drying food.

The surface has been treated with PerfectClean enamel.

## Grilling and roasting insert HGBB71



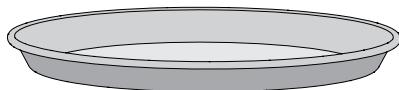
The grilling and roasting insert should be placed in the universal tray when grilling or roasting. The juices from the food being cooked collect under the insert. This prevents them from spitting and making the oven dirty. The juices can then be used for making gravy and sauces.

The surface has been treated with PerfectClean enamel.

## Features

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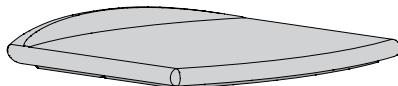
### Pizza tray HBF 27-1



This circular pan is suitable for cooking pizzas, flat cakes made with yeast or whisked mixtures, sweet and savoury tarts, baked desserts, and can also be used for frozen cakes.

The surface has been treated with PerfectClean enamel.

### Pizza stone HBS 60



The pizza stone is ideal for items which need a well-baked base such as pizza, quiche, bread, bread rolls and savoury snacks.

The baking stone is made from heat retaining fire brick and is glazed. Place it directly on the rack.

A wooden paddle is supplied with it for placing food on the pizza stone and taking it off.

### Gourmet oven dishes HUB and lids HBD

The Miele Gourmet oven dishes, unlike other oven dishes, slide into the oven on the shelf runners. They have non-tip safety notches like the rack to prevent them being pulled out too far. They also have a non-stick coating.

The oven dishes have depths of 22 cm or 35 cm. They have the same width and height.

Suitable lids are available separately.

Please quote the model number of your Miele oven dish when ordering a lid.

#### Depth: 22 cm

HUB5000-M  
HUB5001-M\*



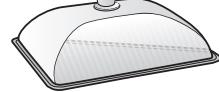
HBD 60-22

#### Depth: 35 cm

HUB5000-XL

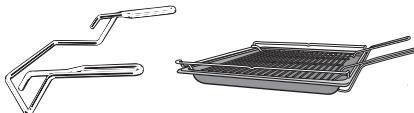


HBD 60-35



\* Suitable for induction cooktops

## Handle HEG



The handle makes it easier to take the universal tray, baking tray and rack out of the oven, or to put them into it. The two prongs at the top go inside the tray or above the rack, and the U-shape supports underneath.

## Descaling tablets, plastic tube with suction cup



These are required for descaling the appliance.

## Original Miele all purpose microfibre cloth

Light soiling and fingerprints can be easily removed with the microfibre cloth.

## Original Miele oven cleaner

The Original Miele oven cleaner is suitable for removing very stubborn soiling from PerfectClean surfaces. It is not necessary to pre-heat the oven beforehand.

# Features

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## Oven controls

In addition to operating the various cooking functions for baking, roasting and grilling, the oven controls are also used to operate

- the time of day display,
- a minute minder,
- a timer to automatically switch cooking programmes on and off,
- Moisture Plus cooking,
- Automatic programmes,
- settings that can be customised.

## Cooling fan

The cooling fan comes on automatically when a cooking programme is started. The cooling fan mixes hot air from the oven cavity with cool room air before venting it out into the kitchen through vents located between the appliance door and the control panel.

The cooling fan will continue to run for a while after the oven has been switched off to prevent any humidity building up in the oven, on the control panel or in the oven housing unit.

When the temperature in the oven has fallen sufficiently, the cooling fan will switch off automatically.

## Safety features

### System lock for the oven

The system lock prevents the oven from being used unintentionally (see "System lock ").

The system lock will remain activated even after an interruption to the power supply.

### Vented oven door

The door panes have a heat-reflective coating.

When the oven is operating, air is circulated through the door to keep the outer pane cool.

The door can be removed and dismantled for cleaning (see "Cleaning and care").

### Door lock for Pyrolytic cleaning

For safety reasons, the door is locked as soon as the Pyrolytic cleaning programme is started. After the Pyrolytic cleaning programme has finished, the door will remain locked until the temperature in the oven has fallen below 280 °C.

## PerfectClean treated surfaces

Surfaces treated with PerfectClean enamel are characterised by their exceptional non-stick properties and ease of cleaning.

Food can be taken off easily, and soiling from baking and roasting is simple to remove.

You can cut up food on surfaces treated with PerfectClean enamel.

However, do not use ceramic knives as these will scratch the PerfectClean surface.

Surfaces treated with PerfectClean enamel can be cleaned as you would clean glass.

Read the instructions in "Cleaning and care" so that the benefits of the non-stick properties and easy cleaning are retained.

The following surfaces have been treated with PerfectClean enamel:

- Universal tray
- Baking tray
- Grilling and roasting insert
- Gourmet perforated baking tray
- Pizza tray

## Pyrolytic accessories

The following accessories can be left in the oven during the Pyrolytic cleaning programme:

- Shelf runners
- FlexiClip telescopic runners
- Rack

See "Cleaning and care" for more information.

# Using for the first time

## Before using for the first time

 The oven must be built into its housing unit before it can be used.

- Press and release the function and rotary selectors if they are retracted.

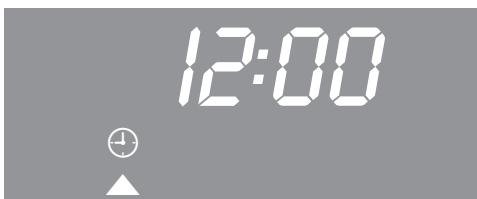
The time of day can only be changed when the function selector is at .

- Set the time of day

## Setting the time of day for the first time

The time of day is shown in the 24-hour format.

After connecting the oven to the electricity supply, **12:00** will appear in the display and the triangle  will flash under .



- Use the rotary selector to enter the time of day.
- Touch the OK sensor.

The time of day is now saved.

The time of day can be displayed in the 12-hour format by setting **P 4** in the settings menu to status **12h** (see "Settings").

In the event of a power cut, the time of day is saved for approx. 200 hours. If power is restored within this time, the current time of day will be displayed again.

After a longer power cut, the time of day needs to be re-entered.

The time of day display is switched off by default (see "Settings – **P 1**"). The display appears dark if the oven is switched off. The time of day continues to run unseen in the background.

## Heating up the oven for the first time and rinsing the steam injection system

New ovens can give off an unpleasant smell on first use. Heating up the oven for at least 1 hour with nothing in it will get rid of this smell.

It is a good idea to rinse the steam injection system at the same time.

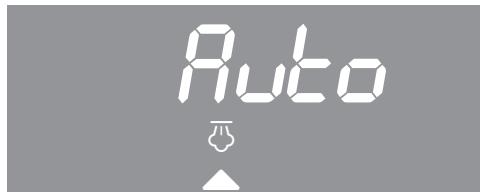
Ensure that the kitchen is well ventilated while the appliance is being heated up for the first time. Close doors to other rooms to prevent the smell spreading throughout the house.

- Remove any protective wrapping and sticky labels from the oven.
- Before heating up the oven, it is a good idea to wipe the interior out with a damp cloth first. This way any dust or bits of packaging that may have accumulated in the oven compartment during storage and unpacking will be removed.
- Fit the FlexiClip telescopic runners (available to order) to the shelf runners and insert all trays and the rack.
- Fill a container with approx. 150 ml fresh tap water.
- Switch the oven on.

- Select the Moisture Plus  function.

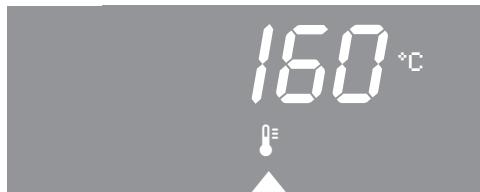
The lighting will come on.

*Auto* will appear in the display and the triangle  will flash under :



- Touch the OK sensor.

The recommended temperature will appear in the display with the triangle  flashing under :



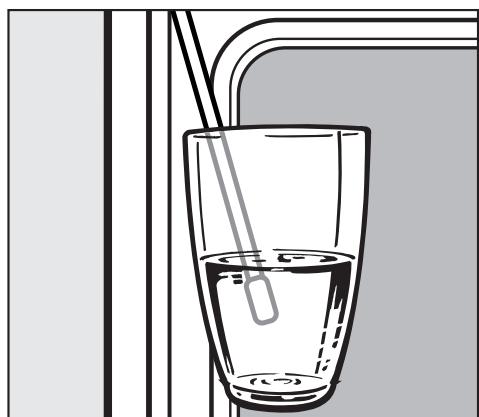
- Use the rotary selector to set the maximum possible temperature (250 °C).
- Touch OK or wait approx. 15 seconds. The setting will then be automatically saved.

## Using for the first time

The prompt for water intake appears and the triangle  flashes:



- Open the door.
- Pull the water intake pipe forwards (located below the control panel on the left).



- Place the end of the water intake pipe in the water container.

- Touch the OK sensor.

The water intake process will begin.

The amount of water required will be drawn up into the oven. The quantity of water specified is higher than actually required, leaving a small amount in the container.

- Remove the water container after the water intake process.
- Close the door.

You will hear the pump briefly as the remaining water in the water intake pipe is drawn into the oven.

The oven heating will switch on.

After a short time, a burst of steam is injected automatically.

 **Danger of injury!**  
Steam can cause injury by scalding.  
Do not open the appliance door while a burst of steam is being injected.

Heat up the oven for at least 1 hour.

After at least an hour:

- Turn the function selector to .

## After heating up for the first time



Danger of burning!

Allow the oven interior to cool down before cleaning by hand.

- Touch  to switch on the oven interior lighting.
- Take all accessories out of the oven and clean them by hand (see "Cleaning and care").
- Clean the oven interior with a clean sponge and a solution of warm water and washing-up liquid or a damp microfibre cloth.
- Dry all surfaces with a soft cloth.
- Switch the interior lighting and the oven off.

Leave the oven door open until the oven interior is completely dry.

# Settings

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## Changing the time of day

The time of day can only be changed when the oven is switched on and the function selector is at ●.

- Touch '≡.
- Use the rotary selector to move the triangle ▲ until it appears under Ⓞ.

- Touch the OK sensor.

The triangle ▲ will flash under Ⓞ.

- Use the rotary selector to enter the time of day.
- Touch the OK sensor.

The time of day is now saved.

In the event of a power cut, the time of day is saved for approx. 200 hours. If power is restored within this time, the current time of day will be displayed again.

After a longer power cut, the time of day needs to be re-entered.

## Changing factory default settings

Settings can only be changed when the oven is switched on and the rotary selector is at ●.

Your appliance is supplied with a number of standard default settings (see the "Settings overview" chart).

A setting is changed by altering its status.

- Touch '≡.
- If necessary, use the rotary selector to move the triangle ▲ until it appears under '≡.



- Touch the OK sensor.

P / will appear:



- If you wish to change another setting, use the rotary selector to select the appropriate number.
- Touch the OK sensor.



The setting is selected and the current status appears, e.g. 5 0.

To change the status:

- Use the rotary selector to select the status you want.
- Touch the OK sensor.

The selected status is saved and the setting appears again.

If you want to change further settings, proceed as described above.

Touch ↲ if you have not changed one setting and wish to switch to another.

- Touch '≡ if you do not want to change any more settings.

The settings remain in the memory even after a power cut.

# Settings

---

## Settings overview

Settings	Status	
<b>P 1</b> <b>Time of day display</b>	<b>5 0</b> *	The time of day display is <b>switched off</b> . The display is dark when the oven is switched off. The time of day continues to run unseen in the background.  If you have selected status <b>5 0</b> , the oven must be switched on before it can be used. This also applies for the minute minder $\Delta$ and lighting $\Diamond$ . The oven also switches off automatically if no settings are selected within a certain period of time (approx. 30 minutes).
	<b>5 1</b>	The time of day display is <b>switched on</b> and is visible in the display.
<b>P 2</b> <b>Buzzer volume</b>	<b>5 0</b> <b>5 1</b> to <b>5 21</b> , <b>5 7</b> *	The buzzer is <b>switched off</b> .  <b>5 1</b> to <b>5 21</b> , The buzzer is <b>switched on</b> . <b>5 7</b> * The volume can be altered. When you select a status you will hear the corresponding buzzer.
<b>P 3</b> <b>Keypad tone</b>	<b>5 0</b> <b>5 1</b> *	The keypad tone is <b>switched off</b> .  <b>5 1</b> * The keypad tone is <b>switched on</b> .
<b>P 4</b> <b>Clock format</b>	<b>24h</b> * <b>12h</b>	The time of day is shown in the <b>24-hour format</b> .  The time of day is shown in the <b>12-hour</b> format. If you change the clock after 1 pm (13:00) from a 12-hour clock to a 24-hour clock, you will need to update the hours for the time of day accordingly.

\* Factory default setting

Settings	Status
P 5 <b>Temperature units</b>	$^{\circ}\text{C}$ * The temperature is displayed in <b>degrees Celsius</b> . $^{\circ}\text{F}$ The temperature is displayed in <b>degrees Fahrenheit</b> .
P 6 <b>Unit of weight</b>	$\text{S 1}$ * g Weight is shown in grams for Automatic programmes. $\text{S 2}$ lb/oz Weight is shown in pounds and ounces for Automatic programmes.
P 7 <b>Brightness</b>	$\text{S 1}$ to $\text{S 7}$ , $\text{S 4}$ * $\text{S 1}$ minimum brightness $\text{S 7}$ maximum brightness.
P 8 <b>Lighting</b>	$\text{S 0}$ * The oven interior lighting is <b>switched on for 15 seconds</b> and then switches off automatically. $\text{S 1}$ The oven interior lighting is <b>switched on constantly</b> .
P 9 <b>Demo mode</b>	$\text{S 0}$ * Select $\text{S 0}$ and touch OK for approx. 4 seconds. If ---- appears briefly, Demo mode is <b>deactivated</b> . $\text{S 1}$ Select $\text{S 1}$ and touch OK for approx. 4 seconds. If <i>TEST</i> _ appears briefly, Demo mode is <b>activated</b> . The oven can be operated but will not heat up and the steam injection system pump will not work. Do not activate this setting for domestic use.

\* Factory default setting

# System lock

The system lock  prevents the oven from being used unintentionally, for example by children.

The oven is delivered with the system lock deactivated.

The setting for the system lock can be changed by altering its status **5**:

- **5 0** = Off
- **5 1** = On

## Activating the system lock

The status of the system lock can only be altered when the oven is switched on and the rotary selector is at .

- Touch .
- Use the rotary selector to move the triangle  until it appears under .



- Touch the OK sensor.

The currently set status **5 0** appears:



- Use the rotary selector to select status **5 1**.



- Touch the OK sensor.
- Touch .

The current time of day will appear.

- Switch the oven off.

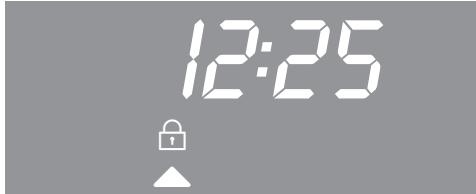
When the appliance is switched on again, the  symbol will appear in the display to remind you that the system lock has been activated.

The system lock will remain activated even after an interruption to the power supply.

## Deactivating the system lock for a cooking process

- Switch the oven on.

The  and  symbols and the current time of day will appear:



- Touch OK until  goes out.

The oven can now be used.

## Deactivating the system lock

The status of the system lock can only be altered when the oven is switched on and the rotary selector is at .

- Switch the oven on.
- Touch OK until  goes out.
- Touch .
- Use the rotary selector to move the triangle  until it appears under .
- Touch the OK sensor.

The currently set status   appears.

- Use the rotary selector to set status  .
- Touch the OK sensor.
- Touch .

The system lock is switched off.

The  symbol disappears.

## Minute minder

### Using the minute minder

The minute minder can be used to time other activities in the kitchen, e. g. boiling eggs.

The minute minder can also be used at the same time as a cooking programme for which the start and finish times have been set, e.g. as a reminder to stir a dish or add seasoning etc.

A maximum minute minder time of 99 minutes and 55 seconds can be set.

**Tip:** Use the minute minder in Moisture Plus  to remind you to inject the bursts of steam at the desired time.

### Setting the minute minder

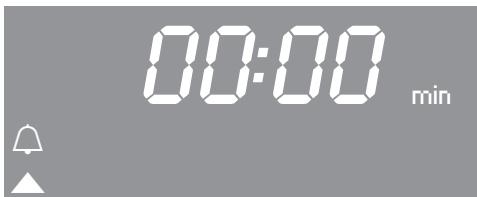
Example:

You want to boil some eggs and set a minute minder time of 6 minutes and 20 seconds.

If you have selected the setting "**P 1 – 5 0**" for the time of day display, you will need to switch the oven on before you can set a minute minder time.

- Touch .

**00:00** will appear in the display with the triangle  flashing under :

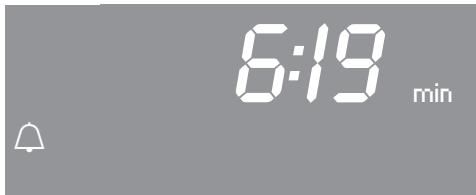


- Use the rotary selector to set the minute minder time you require.



- Touch the OK sensor.

The minute minder is saved and will count down in seconds.



The  symbol indicates the minute minder has been set.

#### At the end of the minute minder time

-  flashes,
- the time will count upwards,
- a buzzer will sound three times if this option is selected (see "Settings – P 2").

■ Touch .

The buzzer will stop and the symbols in the display will go out.

#### To change the time set for the minute minder

■ Touch .

The minute minder time selected appears.

- Use the rotary selector to change the minute minder time.
- Touch the OK sensor.

The changed minute minder is saved and will count down in seconds.

#### To cancel the time set for the minute minder

■ Touch .

- Use the rotary selector to reduce the minute minder time to **00:00**.

■ Touch the OK sensor.

The minute minder is now cancelled.

# Overview of functions

---

Your oven has a range of functions for preparing a wide variety of recipes.

Depending on the function selected, different heating elements are switched on and sometimes combined with the fan (see details in parentheses).

## Conventional Heat

(Top heat/grill element + bottom heat element)

For baking and roasting traditional recipes, preparing soufflés and cooking at low temperatures.

If using an older recipe or cookbook, set the oven temperature 10 °C lower than that recommended. This will not change cooking times.

## Bottom Heat

(Bottom heat element)

Use this function towards the end of cooking to reheat or brown the base of a cake, quiche or pizza.

## Fan Grill

(Top heat/grill element + fan)

For grilling thicker cuts of meat (e.g. roulades, chicken). Lower temperatures can be used than when using the Grill  function, as the fan distributes the heat to the food straight away.

## Grill

(Top heat/grill element)

For grilling and toasting bread, open sandwiches etc. and browning baked dishes.

## Gentle Bake

(Top heat/grill element + ring heat element + fan)

For cooking meat.

## Moisture Plus

(Ring heat element + fan + steam injection system)

For baking and roasting with moisture injection.

## Rapid Heat-up

(Top heat/grill element + ring heat element + fan)

For pre-heating the oven compartment quickly.

The oven function required must then be selected once the desired temperature has been reached.

## Fan Plus

(Ring heat element + fan)

This function is used for baking and roasting on different levels at the same time.

A lower temperature can be selected than when using Conventional Heat , as the fan distributes the heat to the food straight away.

## Auto Roast

(Ring heat element + fan)

This is used for roasting.

The oven heats initially to a high temperature (230 °C) which seals the meat to keep it succulent and tasty.

As soon as this temperature has been reached, the oven temperature automatically drops back down to the pre-selected temperature for continued roasting.

## Intensive Bake

(Ring heat element + fan + bottom heat element)

For baking cakes, tarts, pies, quiches and pizzas that require a crisper base or moist toppings.

Intensive Bake is not suitable for baking thin biscuits or for roasting as the juices will become too dark.

## Automatic

(depending on programme)

The list of Automatic programmes available will appear in the display

# Tips on saving energy

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## Cooking

- Remove any accessories from the oven that you do not require for cooking.
- Pre-heat the oven only if instructed to do so in the recipe or the cooking chart.
- Avoid opening the door during cooking.
- In general, if a range of temperatures is given, it is best to select the lower temperature and to check the food after the shortest given time.
- It is best to use dark baking tins and containers with a matt finish made from non-reflective materials (enamelled steel, ovenproof glassware, non-stick coated cast aluminium). Shiny materials such as stainless steel or aluminium reflect heat, preventing it reaching the food efficiently. Do not cover the oven floor or the rack with heat-reflective aluminium foil.
- Observe cooking durations to avoid energy wastage when cooking food. Wherever possible set the cooking duration, or use a food probe. Make use of the Automatic programmes if your oven has them.
- Fan Plus  can be used for cooking many types of food. Because the fan distributes the heat to food straight away, it allows you to use a lower temperature than you would with Conventional Heat . It also enables you to cook on several shelf levels at the same time.
- Fan Grill  can be used for a wide variety of food. With Fan Grill you can use lower temperatures than with other grill functions which use the maximum temperature setting.
- Whenever possible you should cook several dishes at the same time. Place them next to each other in the oven or on different shelf levels.
- Dishes which you are unable to prepare at the same time should, if possible, be cooked one after the other in order to make use of existing heat in the oven.

## Using residual heat

- The temperature in cooking programmes using temperatures above 140 °C which take longer than 30 minutes to cook can be turned down to the lowest possible temperature about 5 minutes before the end of cooking in order to make use of residual heat. The cooling fan and, depending on cooking function, the hot air fan will remain on. Do not switch the oven off (see "Safety instructions").
- If you wish to run the Pyrolytic cleaning programme, it is best to start it immediately after a cooking programme. The residual heat in the oven will help reduce the amount of energy required to run the programme. To avoid soiling baking on the door, ensure you remove any soiling from it before running the Pyrolytic cleaning programme.

## Settings

- Switch the clock display off if you wish to reduce energy usage (see "Settings").
- Set the oven lighting so that it switches off automatically during a programme after 15 seconds. It can be switched on again at any time by touching .

## Energy save mode

- The oven will switch itself off automatically to save energy if a programme is not being run and controls have not been operated. The time of day will appear in the display or the display will remain dark (see "Settings").

# Operation

---

## Basic operation

- Switch the oven on.
- Place the food in the oven.
- Select the required oven function with the function selector.

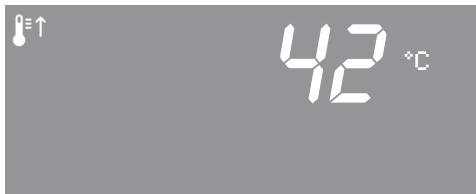
The recommended temperature will appear:



The oven heating, lighting and cooling fan will switch on.

- Use the rotary selector to change the temperature if necessary.

The current temperature and temperature indicator light  will appear after a short time:



You will see the temperature increasing.

A buzzer will sound when the oven temperature is reached if this option is selected (see "Settings P 2").

After the cooking process:

- Turn the function selector to ●.
- Remove the food from the oven.
- Switch the oven off.

## Cooling fan

The cooling fan will continue to run for a while after the oven has been switched off to prevent any humidity building up in the oven, on the control panel or in the oven housing unit.

When the temperature in the oven has fallen sufficiently, the cooling fan will switch off automatically.

## Recommended temperature

As soon as a cooking function is selected, a recommended temperature will appear in the display.

Recommended temperature	Temperature range
	160 °C 100–250 °C
	160 °C 30–250 °C
	160 °C * 100–230 °C
	170 °C 50–250 °C
	160 °C ** 130–250 °C
	180 °C 30–280 °C
	190 °C 100–250 °C
	200 °C 100–260 °C
	240 °C 200–300 °C
	190 °C 100–250 °C

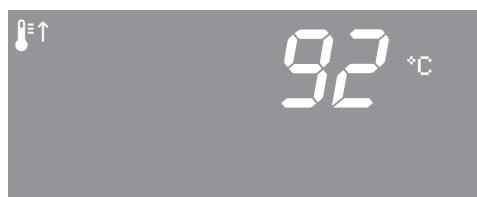
\* Initial searing phase temperature approx. 230 °C, continued roasting temperature 160 °C.

\*\* First *Auto* will appear in the display and the triangle will flash under the symbol. The recommended temperature will only appear after the number of bursts of steam has been selected.

## Changing the temperature

Example:

You have selected Fan Plus and 170 °C and can see the temperature increasing.



You want to reduce the target temperature to 155 °C.

- Use the rotary selector to reduce the temperature.

The triangle will flash under the temperature symbol and the temperature will be altered in 5 °C steps.



The altered target temperature is saved. The actual temperature is displayed.

Touch to change between displaying the actual and target temperatures.

# Operation

## Temperature indicator light

The temperature indicator light  lights up whenever the oven heating is switched on.

As soon as the selected temperature is reached,

- a buzzer will sound, if this option is selected (see "Settings – P 2"),
- the temperature indicator light  will go out,
- the oven heating will switch off.

The temperature control unit ensures that the oven heating and the temperature indicator light switch back on if the temperature in the oven falls below the level set.

## Pre-heating the oven

It is only necessary to pre-heat the oven in a few instances.

Most dishes can be placed in a cold oven. They will then make use of the heat produced during the heating-up phase. If the recipe requires pre-heating, place the food in the oven once the temperature indicator light goes out.

Pre-heat the oven when cooking the following food with the following oven functions:

## Fan Plus

- dark bread doughs,
- beef sirloin joints and fillets.

## Conventional Heat

- cakes or biscuits with a short baking time (up to 30 minutes),
- delicate mixtures (e.g. sponges),
- dark bread doughs,
- beef sirloin joints and fillets.

## Rapid Heat-up

With Rapid Heat-up  the heating up phase can be shortened.

Do not use Rapid Heat-up  to pre-heat the oven when baking pizzas or delicate mixtures (e.g. small baked goods with a high sugar content, pizza, choux pastries, sponges). They will brown too quickly.

- Select Rapid Heat-up .
- Select a temperature.
- When the temperature indicator light  goes out for the first time, set the oven function you require for continued cooking.
- Place the food in the oven.

## Switching cooking programmes on and off automatically

Cooking programmes can be switched on or off automatically.

To do this, set a duration or a duration and finish time after selecting an oven function and a temperature.

The maximum duration which can be set for a cooking programme is 12 hours.

We recommend using automatic switching on and off when roasting. However, do not delay the start for too long when baking as the cake mixture or dough will dry out, and the raising agents will lose their effectiveness.

## Setting a cooking duration

Example:

To bake a cake for 1 hour 5 minutes:

- Place the food in the oven if pre-heating is not required.
- Select the required oven function and the temperature.

The oven heating, lighting and cooling fan will switch on.

- Touch .



- If necessary, use the rotary selector to move the triangle  until it appears under .
- Touch the OK sensor.

00:00 h will appear in the display with the triangle  flashing under .



- Use the rotary selector to set the cooking duration (01:05).
- Touch the OK sensor.

The cooking duration is saved and then counts down in minutes, with the last minute counting down in seconds.

The  symbol indicates a cooking duration has been set.

# Operation

## Setting a cooking duration and finish time

Example:

The time is now 11:15 ;  
you want a dish with a cooking duration  
of 90 minutes to be ready by 13:30 .

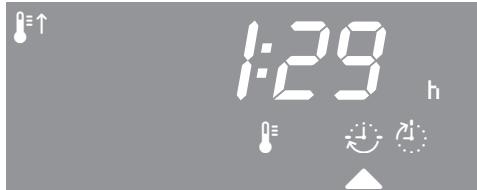
- Place the food in the oven if pre-heating is not required.
- Select the required oven function and the temperature.

The oven heating, lighting and cooling fan will switch on.

### Set the cooking duration first:

- Touch .
- If necessary, use the rotary selector to move the triangle  until it appears under .
- Touch the OK sensor.
- 00:00 h* will appear in the display with the triangle  flashing under .
- Use the rotary selector to set the cooking duration (*01:30*).
- Touch the OK sensor.

The cooking duration  is saved and then counts down in minutes:



## Then set the finish time:

- Use the rotary selector to move the triangle  until it appears under .

-:- - will appear:



- Touch the OK sensor.

As soon as you turn the rotary selector clockwise, *12:45* will appear in the display (= current time of day + cooking duration= *11:15* + *1:30*):



- Use the rotary selector to enter the cooking duration finish time (*13:30*).
- Touch the OK sensor.

The finish time  is now saved.



The oven heating, lighting and cooling fan will switch off.

As soon as the start time (*13:30 - 1:30 = 12:00*) is reached, the oven heating, lighting and cooling fan will switch on.

## At the end of the cooking duration

- *0:00* will appear,
-  starts to flash,
- the oven heating and lighting will switch off,
- the cooling fan remains switched on,
- a buzzer will sound three times if this option is selected (see "Settings – *P 2*").

- Turn the function selector to .
- Switch the oven off.
- Remove the food from the oven.

If the dish is not cooked to your satisfaction, you can prolong the cooking duration by entering a new duration.

## Changing the cooking duration

- Touch .
- If necessary, use the rotary selector to move the triangle  until it appears under .

The remaining cooking duration appears in the display.

- Touch the OK sensor.
- Use the rotary selector to alter the cooking duration.
- Touch the OK sensor.

The changed cooking duration is now saved.

# Operation

---

## Deleting a cooking duration

- Touch .
- If necessary, use the rotary selector to move the triangle  until it appears under .
- Touch the OK sensor.

The triangle  will flash under .

- Use the rotary selector to set the cooking duration to **00:00**.
- Touch the OK sensor.

The cooking duration and any finish time will be deleted.

- Touch .

The current temperature will appear.  
The oven heating remains switched on.

If you want to finish the cooking programme:

- Turn the function selector to .
- Remove the food from the oven.

If you turn the function selector to  or switch the oven off, the settings for the cooking duration and the finish time will be deleted.

## Deleting a finish time

- Touch .
- If necessary, use the rotary selector to move the triangle  until it appears under .
- Touch the OK sensor.

The triangle  will flash under .

- Use the rotary selector to set the finish time to **- -:- -**.
- Touch the OK sensor.

The cooking duration finish time is now deleted.

Your oven is equipped with a steam injection system for cooking with moisture. Baking, roasting and cooking with Moisture Plus  guarantees optimised steam and air conduction for excellent cooking and browning results.

After selecting Moisture Plus , you need to set the number of bursts of steam.

You can select:

- Automatic burst of steam (*Auto*)  
This requires enough water for one burst of steam. The burst of steam will be injected into the oven automatically after the heating-up phase.
- 1 burst of steam (*1*)  
2 bursts of steam (*2*)  
3 bursts of steam (*3*)  
You need to prepare the appropriate amount of water according to the number of bursts of steam.

Then set the temperature and start the water intake process. Water is taken in via the tube underneath the control panel on the left.

 Use only fresh tap water when cooking with the Moisture Plus function.

Other liquids will cause damage to the oven.

The water is injected as bursts of steam into the oven compartment during the cooking programme.

The steam inlets are located at the rear left corner of the roof of the oven.

One burst of steam takes approx. 5–8 minutes. The number of bursts of steam and when they are injected will depend on the type of food being cooked:

- **Yeast mixtures** will rise better if steam is injected at the beginning of the programme.
- **Bread and rolls** also rise better if exposed to steam at the start. Injecting a burst of steam at the end of the programme will give the bread and rolls a glistening crust.
- When **roasting meat with a high fat content**, injecting steam at the beginning of roasting will help render the fat.

Moisture Plus is not suitable for mixtures which contain a lot of moisture, such as choux pastry and meringues, as the addition of steam does not allow them to dry out sufficiently.

**Tip:** Please refer to the sample recipes.

## Cooking with the Moisture Plus function

It is quite normal for condensation to form on the inside of the door during steam injection. This will dissipate during the course of the cooking programme.

After **3**,  is displayed.  
This option starts the descaling process (see "Descaling the steam injection system .

- Prepare the food and place in the oven if no pre-heating is required.
- Fill a suitable container with the quantity of water specified:

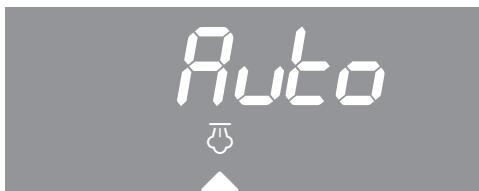
<b>Auto:</b>	approx. 100 ml
<b>1:</b>	approx. 100 ml
<b>2:</b>	approx. 200 ml
<b>3:</b>	approx. 300 ml

- Select the Moisture Plus  function.

### Set the number of bursts of steam

**Tip:** Please refer to the sample recipes.

**Auto** will appear in the display and the triangle  will flash under .



The other steam burst options (**1**, **2**, **3**) can be selected using the rotary selector.

If you wish the burst of steam to be injected into the oven automatically after the heating-up phase:

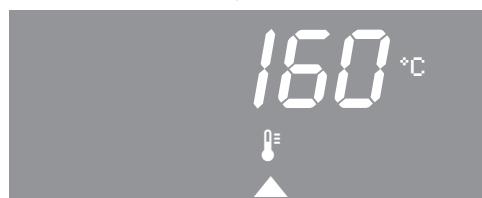
- Select **Auto**.

If you wish to inject one or more bursts of steam manually at specific times:

- Select **1**, **2** or **3**.
- Touch the OK sensor.

### Setting the temperature

The recommended temperature will appear in the display and the triangle  will flash under .



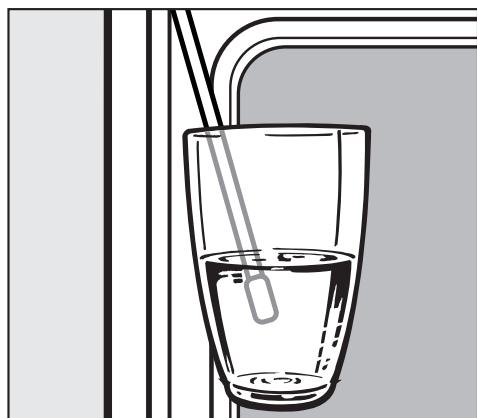
- If necessary, set the temperature using the rotary selector.
- Touch the OK sensor.

## Preparing and starting the water intake process

The prompt for the water intake process will appear. The triangle  will flash under .



- Open the door.
- Pull the water intake pipe forwards (located below the control panel on the left).



- Immerse the end of the water intake pipe in the container with tap water.
- Touch the OK sensor.

The water intake process will begin.

The amount of water actually drawn up into the oven may be less than the amount specified as required, leaving a small amount in the container.

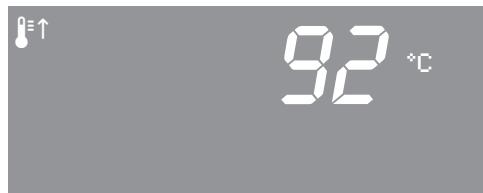
The intake process can be interrupted and restarted at any time by touching OK.

- Remove the water container after the water intake process.
- Close the door.

You will hear the pump briefly as the remaining water in the water intake pipe is drawn into the oven.

The appliance begins to heat up.

The current temperature and the temperature indicator light  will appear.



You will see the temperature increasing.

A buzzer will sound when the oven temperature is reached if this option is selected (see "Settings P 2").

Steam can cause injury by scalding.

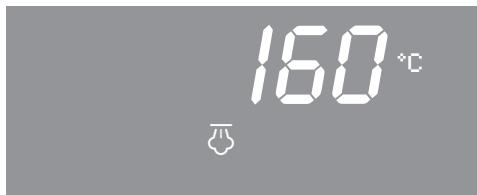
Do not open the door while the burst of steam is being injected.

Condensation on the sensors will make them react more slowly.

## Automatic burst of steam

Once the heating-up phase has been completed, the automatic burst of steam is injected.

The following will appear in the display:



The water will vaporise in the oven compartment.

After the burst of steam,  will go out and the temperature will be displayed.

■ Continue cooking until the end of the cooking duration.

## Injecting bursts of steam manually

The bursts of steam can be injected as soon as  lights up in the display.

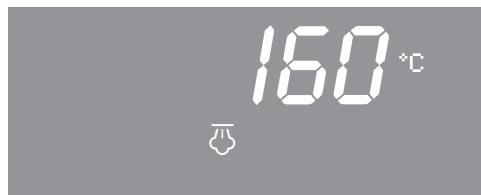
Please wait until the heating-up phase is completed to allow the steam to be distributed evenly by the warm air in the oven.

Please refer to the recipes for the timing of the bursts of steam.

**Tip:** Set the minute minder  to remind you.

■ Touch  to inject the burst of steam.

The sensor light goes out and the following appears in the display:



■ Proceed as described to inject further bursts of steam.

After the last burst of steam  will go out and the temperature will be displayed.

■ Continue cooking until the end of the cooking duration.

## Evaporating residual moisture

When cooking using the Moisture Plus  function, the water will be equally distributed between the number of bursts of steam and used up as long as the programme is not interrupted.

However, if a programme using steam injection is interrupted before all the bursts of steam have been injected, the water for these unused bursts of steam will remain in the system.

The next time the Moisture Plus  function is selected, a time will appear and the triangle  will flash under the  symbol to prompt you to evaporate the residual moisture.

The time shown in the display will depend on the amount of residual water in the system.

It is best to start the evaporation of residual water straight away so that only fresh water is used during a cooking programme.

## The residual moisture evaporation process

The oven will heat up and the residual water in the oven compartment will evaporate.

Depending on the amount of water, this can take up to approximately 30 minutes.

Steam can cause scalding injuries.  
Do not open the door during the evaporation process.

The moisture will condense on the door and in the oven compartment and needs to be wiped off after the oven has cooled down.

## Moisture Plus

### Starting residual moisture evaporation immediately

- Select the Moisture Plus  function.

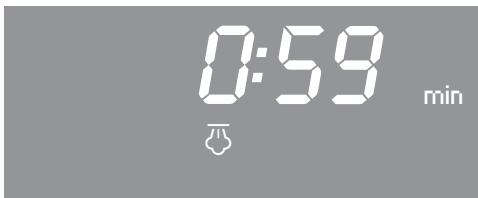
A time, depending on the amount of residual water present, will appear and the triangle  will flash under :



- Touch the OK sensor.

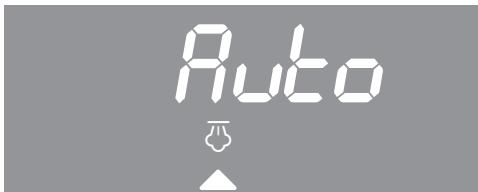
The evaporation process will begin. The duration will count down in the display.

During the evaporation process, the duration may be adjusted by the system according to the amount of water currently present.



The last minute counts down in seconds.

At the end of the residual water evaporation process *Auto* appears:



A cooking process using the Moisture Plus  function can now be carried out.

## Cancelling residual moisture evaporation

 Do not cancel the prompt for residual moisture evaporation too often, as this might cause the steam unit to overflow into the oven interior when taking in more water.

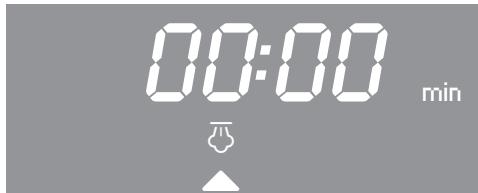
### ■ Select the Moisture Plus function.

A time, depending on the amount of residual water present, will appear and the triangle  will flash under the  symbol in the display:



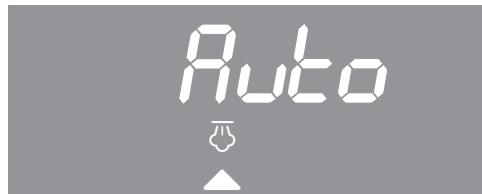
### ■ Turn the rotary selector anti-clockwise.

The time will be set to **00:00**:



### ■ Touch the OK sensor.

*Auto* appears in the display.



A cooking process using the Moisture Plus  function can now be carried out.

## Automatic programmes

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This oven has 25 Automatic programmes which enable you to reliably achieve excellent results.

The cooking function, temperature, duration and type and number of bursts of steam are pre-programmed in each Automatic programme.

All Automatic programmes use added moisture.

When using an Automatic programme, please have a container with the amount of water specified in the recipe ready.

If you do not want to use the Automatic programme, you can use the Moisture Plus  function instead. The correct amount of water will also need to be prepared for the alternative settings using Moisture Plus.

### Choice of Automatic programmes:

- A 1 Prove dough
- A 2 White bread
- A 3 Flat bread
- A 4 White bread in tin
- A 5 Rye bread
- A 6 Multigrain bread
- A 7 Yeast rolls
- A 8 Yeast butter cake
- A 9 Plaited loaf
- A 10 Bream / Snapper
- A 11 Ocean trout
- A 12 Salmon fillet
- A 13 Blue grenadier fillet
- A 14 Trout
- A 15 Fillet of beef: rare
- A 16 Fillet of beef: medium
- A 17 Fillet of beef: well-done
- A 18 Pork casserole
- A 19 Saddle of venison
- A 20 Saddle of lamb
- A 21 Chicken breast with herbs
- A 22 Chicken thighs
- A 23 Turkey thighs
- A 24 Potato gratin
- 25 A Lasagne

Please see the "Culinario" recipe book for Automatic programme recipes.

## Notes on using these programmes

- The oven compartment should be at room temperature before starting an Automatic programme.
- For optimum results, we recommend using the oven dishes and quantities specified in the recipes.
- Some Automatic programmes have a pre-heating phase. Pre-heating is complete when  appears in the display. A buzzer will also sound if it has been activated (see "Settings –  2").

Place food in the oven at the end of the pre-heating phase.

- Food can be placed straight into the oven and the programme started with Automatic programmes that do not have a pre-heating phase.  will appear briefly in the display after the water intake phase, followed immediately by the cooking duration.

- Always use shelf level 2.
- The weight has to be entered with some meat and poultry programmes. Weight is entered in increments of 100 g or 0.01 lb/oz.

When cooking more than one piece, please enter the weight of the largest piece (not the total weight).

## Cancelling cooking

If you want to stop an Automatic programme early, you have to switch the appliance off.

If water has already been drawn in, the  symbol will appear to remind you that there is "Residual water" in the appliance.

The next time an Automatic programme is selected the duration and the triangle  will start to flash under the  symbol.

This is a prompt to evaporate the residual moisture.

Touch OK to start the process.

To cancel the process, turn the rotary selector anti-clockwise to set the duration to " 00:00" and then touch the OK sensor (see "Evaporating residual moisture").

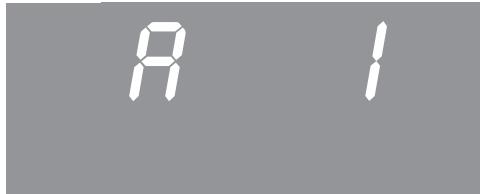
# Automatic programmes

## Using an Automatic programme

For optimum results, we recommend using the dishes and quantities specified in the recipes.

For Automatic programmes **without** pre-heating, food should be placed straight in the oven on shelf level 2.

- 1 With Automatic programmes, have a container with the amount of water specified in the recipe ready.
- 2 Select Automatic .

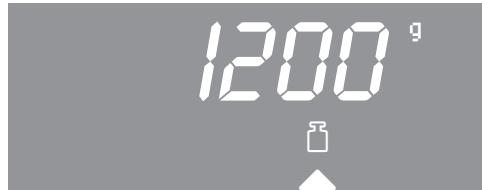


*R* / will appear in the display.

- 3 Turn the rotary selector until the number of the Automatic programme you want to use appears in the display.
- 4 Touch the OK sensor.

The required programme has now been selected.

With some meat programmes you will now be prompted to enter a weight:



- 5 Use the rotary selector to enter the **weight**.
- 6 Touch the OK sensor.

**The prompt to draw in water then appears:**



- 7 Open the appliance door.
- 8 Pull the intake tube forwards (located below the control panel on the left).
- 9 Immerse the end of the water intake pipe in the container with tap water.
- 10 Touch the OK sensor.

The water intake process will begin and you will hear the pump.

# Automatic programmes

The amount of water actually drawn up into the oven may be less than the amount specified as required, leaving a small amount in the container.

⑪ Remove the water container after the water intake process.

⑫ Close the door.

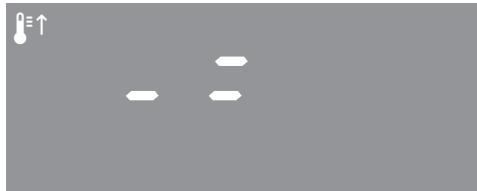
You will hear the pump briefly as the remaining water in the water intake pipe is drawn into the oven.

In **Automatic programmes without pre-heating** " - " will appear in the display briefly, followed immediately by the cooking duration.

The following appears in the display in **Automatic programmes with pre-heating**:



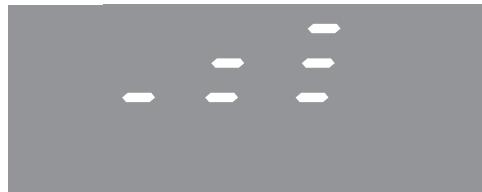
The following then appears about half way through the pre-heating phase:



⑬ Wait until the pre-heating phase has finished before putting food in the oven.

## At the end of the pre-heating phase

– the following will appear:



– a buzzer will sound if the buzzer is switched on (see "Settings – P2"),  
– the temperature indicator light  will go out.

The cooking programme will start automatically as long as the door is not opened in the next five minutes.

⑭ Open the door.

⑮ Place the food on shelf level 2.

⑯ Close the door.

The Automatic programme will start.

# Automatic programmes

17 The **duration of the selected Automatic programme** will appear in the display, e.g:



The duration can be followed counting down in the display.

It is quite normal to hear the sound of the steam being injected into the oven and for condensation to form on the inside of the door. This condensation will dissipate during the course of the programme.

The bursts of steam are injected at pre-programmed times during the Automatic programmes.



Danger of injury!

Do not open the door while the burst of steam is being injected. Escaping steam can cause scalding.

Condensation on the sensors will make them react more slowly.

It can also have an adverse effect on cooking results.

## At the end of the duration

- **00:00** is displayed.
- the  symbol will flash.
- a buzzer will sound if the buzzer is switched on (see "Settings – P 2").
- the oven heating switches off automatically.
- the cooling fan will continue to run for a while.

18 Remove the food from the oven.

19 Turn the function selector to 0.

The visual and acoustic signals are switched off.

**The finish time for a programme can be altered during the first two minutes of a programme only:**

- Touch .
- Use the rotary selector to move the triangle  until it appears under .
- Touch the OK sensor.

The triangle  will flash under .

- Use the rotary selector to enter the cooking duration finish time.
- Touch the OK sensor.

The oven heating will switch off. The  symbol indicates that the finish time has been delayed.



Cooking will start once the time selected has elapsed and the duration can then be followed counting down in the display.

# Baking

Eating food which has been cooked correctly is important for preventing food poisoning or other ailments. Only bake cakes, pizza, chips etc. until they are golden brown. Do not overcook them.

## Oven functions

Depending on how the food is prepared, you can use Fan Plus , Intensive Bake , Moisture Plus  or Conventional Heat .

## Bakeware

The choice of bakeware depends on the oven function and how the food is prepared.

- Fan Plus , Intensive Bake , Moisture Plus :  
Baking tray, universal tray, bakeware made from ovenproof material.
- Conventional Heat :  
Dark baking tins with a matt finish. Avoid using bright, shiny metal tins as they give an uneven and poor browning result and in some cases cakes might not cook properly.

- Always place baking tins on the rack.

Position rectangular tins with the longer side across the width of the rack for optimum heat distribution and even baking results.

- When baking cakes with fresh fruit toppings and deep sponge cakes, place the tin on the universal tray to catch any spillages and keep the oven cleaner.

## Baking paper, greasing

Miele accessories, e.g. the universal tray, are treated with PerfectClean enamel (see "Features").

Surfaces treated with PerfectClean enamel generally do not need to be greased or covered with baking paper.

Baking paper is only needed with

- anything with a high salt content (e.g. pretzels, bread sticks), because sodium can damage the PerfectClean surface;
- meringues or sponges with a high egg-white content, because they are more likely to stick;
- frozen food cooked on the rack.

## Notes on the baking chart

### Temperature

As a general rule, select the lower temperature given in the chart.

Baking at temperatures higher than those recommended may reduce the cooking time, but will lead to uneven browning, and unsatisfactory cooking results.

### Baking time

Check if the food is cooked at the end of the shortest time quoted.

To check if a cake is ready, insert a wooden skewer into the centre. It is ready if the skewer comes out clean, without dough or crumbs sticking to it.

### Shelf levels 5

The shelf level on which you place your food for baking depends on the oven function and number of trays being used.

- Fan Plus   
1 tray: Shelf level 2  
2 trays: Shelf levels 1+3 / 2+4  
3 trays: Shelf levels 1+3+5
- The universal tray should be placed underneath the baking tray if you are using a universal tray and a baking tray on several levels at the same time.
- Bake moist biscuits and cakes on a maximum of two levels at the same time.
- Moisture Plus   
1 tray: Shelf level 2
- Intensive Bake   
1 tray: Shelf level 1 or 2
- Conventional Heat   
1 tray: Shelf level 1 or 2

# Baking

## Baking chart

Cakes/Biscuits	  <span style="font-size: 2em;">[°C]</span>  <span style="font-size: 2em;">5 1</span>  <span style="font-size: 2em;">[min.]</span>		
	150–170	2	60–70
<b>Creamed mixture</b>			
Sand cake	150–170	2	60–70
Ring cake	150–170	2	65–80
Muffins (1 [2] tray(s))	150–170	2 [1+3 <sup>3)</sup> ]	30–50
Small cakes (1 tray) <sup>1)</sup>	150	2	25–35
Small cakes (2 trays) <sup>1)</sup>	150 <sup>2)</sup>	2+4	25–35
Foam cake (tray)	150–170	2	25–40
Marble, nut cake (tin)	150–170	2	60–80
Fresh fruit cake, with meringue topping (tray)	150–170	2	45–50
Fresh fruit cake (tray)	150–170	2	35–55
Fresh fruit cake (tin)	150–170	2	55–65
Flan base <sup>1)</sup>	150–170	2	25–35
Small cakes/biscuits <sup>1)</sup> (1 [2] tray(s))	150–170	2 [1+3 <sup>3)</sup> ]	20–25
<b>Rubbed in mixture</b>			
Flan base	150–170	2	20–25
Streusel cake	150–170	2	45–55
Small cakes/biscuits <sup>1)</sup> (1 [2] tray(s))	150–170	2 [1+3 <sup>3)</sup> ]	15–25
Drop cookies <sup>1)</sup> (1 [2] tray/s)	140	2 [1+3 <sup>3)</sup> ]	30–45
Cheese cake	150–170	2	70–95
Apple pie (tin Ø 20 cm) <sup>1)</sup>	160	2	80–105
Apple tart <sup>1)</sup>	160–180	2	50–70
Apricot tart with topping (tin)	150–170	2	55–75
Swiss apple cake	–	–	–

The data for the recommended function is printed in bold.

Unless otherwise stated, the times given are for an oven which has not been pre-heated. With a pre-heated oven, shorten times by up to 10 minutes.

In general, if a range of temperatures is given, it is best to select the lower temperature and to check the food after the shortest time.

 					
 [°C]	 <sup>5</sup>	 [min.]	 [°C]	 <sup>5</sup>	 [min.]
150–170	2	60–70	–	–	–
150–170	2	65–80	–	–	–
160–180	2	25–45	–	–	–
<b>160<sup>2)</sup></b>	<b>3</b>	<b>25–35</b>	–	–	–
–	–	–	–	–	–
170–190	2	25–40	–	–	–
150–170	2	60–80	–	–	–
170–190	2	45–50	–	–	–
170–190	1	35–55	–	–	–
160–180	2	55–65	–	–	–
170–190	2	20–25	–	–	–
160–180 <sup>2)</sup>	3	15–25	–	–	–
170–190	2	15–20	–	–	–
170–190	2	45–55	–	–	–
160–180	3	15–25	–	–	–
<b>160<sup>2)</sup></b>	<b>2</b>	<b>15–33</b>	–	–	–
<b>170–190</b>	<b>2</b>	<b>85–95</b>	150–170	2	75–90
<b>180</b>	<b>1</b>	<b>80–95</b>	–	–	–
170–190	1	45–65	<b>160–180</b>	<b>1</b>	<b>50–70</b>
170–190	2	55–75	<b>150–170</b>	<b>2</b>	<b>50–60</b>
<b>220–240<sup>2)</sup></b>	<b>1</b>	<b>35–50</b>	<b>190–210<sup>2)</sup></b>	<b>1</b>	<b>25–40</b>

 Fan Plus / 
  Conventional Heat / 
  Intensive Bake

 Temperature / 
 <sup>5</sup> Shelf level / 
  Baking time

- 1) Do not use Rapid Heat-up  during the heating-up phase.
- 2) Pre-heat the oven.
- 3) Take the baking trays out of the oven early if the food is sufficiently browned before the specified duration has elapsed.

# Baking

## Baking chart

Cakes/Biscuits			
	 [°C]	 5 <sub>1</sub>	 [min.]
<b>Sponge mix<sup>1)</sup></b>			
Tart / flan base (2 eggs) <sup>1)</sup>	160–180	2	15–20
Sponge cake (4 to 6 eggs) <sup>1)</sup>	160–180	2	22–30
Whisked sponge cake <sup>1)</sup>	<b>160–180</b>	<b>2</b>	<b>20–30</b>
Swiss roll <sup>1)</sup>	160–180	2	15–25
<b>Yeast mixtures and quark dough</b>			
Proving yeast dough	<b>30–50</b>	4)	<b>15–30</b>
Gugelhupf	<b>150–170</b>	<b>2</b>	<b>50–60</b>
Stollen	<b>150–170</b>	<b>2</b>	<b>55–65</b>
Streusel cake	<b>150–170</b>	<b>2</b>	<b>35–45</b>
Fresh fruit cake (tray)	<b>160–180</b>	<b>2</b>	<b>40–60</b>
White bread	<b>160–180</b>	<b>2</b>	<b>50–60</b>
Wholegrain bread	<b>170–190<sup>2)</sup></b>	<b>2</b>	<b>50–60</b>
Pizza (tray) <sup>1)</sup>	220–240	2	10–20
Onion tart	170–190	2	35–45
Apple turnovers (1 [2] tray(s))	<b>150–170</b>	<b>2 [1+3<sup>3)</sup>]</b>	<b>25–30</b>
<b>Choux pastry<sup>1)</sup>, Eclairs (1 [2] tray(s))</b>	<b>160–180</b>	<b>2 [1+3<sup>3)</sup>]</b>	<b>30–45</b>
<b>Puff pastry (1 [2] tray(s))</b>	<b>170–190</b>	<b>2 [1+3<sup>3)</sup>]</b>	<b>20–25</b>
<b>Meringues, (1 [2] tray(s))</b>	<b>100–120</b>	<b>2 [1+3<sup>3)</sup>]</b>	<b>25–50</b>

The data for the recommended function is printed in bold.

Unless otherwise stated, the times given are for an oven which has not been pre-heated. With a pre-heated oven, shorten times by up to 10 minutes.

In general, if a range of temperatures is given, it is best to select the lower temperature and to check the food after the shortest time.

 					
 [°C]	 <sup>5</sup> <sub>1</sub>	 [min.]	 [°C]	 <sup>5</sup> <sub>1</sub>	 [min.]
<b>170–190<sup>2)</sup></b>	<b>2</b>	<b>10–20</b>	–	–	–
<b>170–190<sup>2)</sup></b>	<b>2</b>	<b>20–40</b>	–	–	–
<b>150–180<sup>2)</sup></b>	<b>2</b>	<b>20–45</b>	–	–	–
<b>170–190<sup>2)</sup></b>	<b>2</b>	<b>15–20</b>	–	–	–
50	4)	15–30	–	–	–
160–180	1	50–60	–	–	–
150–170	2	55–65	–	–	–
170–190	2	35–45	–	–	–
<b>170–190<sup>1)</sup></b>	<b>3</b>	<b>40–55</b>	<b>170–190</b>	<b>2</b>	<b>40–55</b>
160–180	2	50–60	–	–	–
190–210 <sup>2)</sup>	2	50–60	–	–	–
<b>220–240</b>	<b>2</b>	<b>10–25</b>	<b>220–240</b>	<b>2</b>	<b>10–20</b>
<b>180–200</b>	<b>2</b>	<b>25–35</b>	<b>170–190</b>	<b>2</b>	<b>25–35</b>
160–180	2	25–30	–	–	–
180–200 <sup>2)</sup>	3	30–40	–	–	–
190–210 <sup>2)</sup>	2	20–25	–	–	–
120–140 <sup>2)</sup>	2	25–50	–	–	–

 Fan Plus / 
  Conventional Heat / 
  Intensive Bake

 Temperature / 
 <sup>5</sup><sub>1</sub> Shelf level / 
  Baking time

- 1) Do not use Rapid Heat-up  during the heating-up phase.
- 2) Pre-heat the oven.
- 3) Take the baking trays out of the oven early if the food is sufficiently browned before the specified duration has elapsed.
- 4) Place the rack on the floor of the oven, and stand the bowl containing the dough on the rack.

# Roasting

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## Oven functions

Depending on how the food is being cooked, you can use Fan Plus , Moisture Plus , Auto Roast , Conventional Heat  or an Automatic programme.

## Roasting dishes

You can use any heat-resistant crockery:

Miele Gourmet oven dishes, roasting pans, ovenproof glass trays, roasting bags, dishes made from earthenware or cast iron, the universal tray, rack and/or grilling and roasting insert (if available) on top of the universal tray.

We recommend roasting in covered oven dishes as this ensures that sufficient stock remains for making gravy.

The oven also stays cleaner than with open roasting.

## Notes on the roasting chart

### Temperature

As a general rule, select the lower temperature given in the chart.

If higher temperatures are used, the meat will brown on the outside, but will not be properly cooked through.

When cooking with Fan Plus , Moisture Plus  or Auto Roast , select a temperature approx. 20 °C lower than for Conventional Heat .

Select a temperature of approx. 10 °C lower than quoted in the roasting chart for meat weighing more than 3 kg.

The roasting process will take longer, but the meat will cook evenly through and the skin or crackling will not be too thick.

When roasting on the rack, set a temperature approx. 10 °C lower than if using an oven dish.

### Pre-heating

Pre-heating is only required when roasting beef sirloin joints and fillets.

## Roasting duration ☰

The roasting time can be determined by multiplying the thickness of the roast [cm] with the time per cm [min./cm] stated below, depending on the type of meat:

Beef/Venison: . . . . . 15–18 min./cm

Pork/Veal/Lamb: . . . . . 12–15 min./cm

Sirloin joints/Fillets: . . . . . 8–10 min./cm

Check if the meat is cooked after the shortest time quoted.

## Shelf levels

As a general rule, use shelf level 2.

## Useful tips

### Browning

Browning only occurs towards the end of the roasting time. If cooking with a roasting dish, remove the lid about halfway through the roasting time if a more intensive browning result is desired.

### Standing time

At the end of the programme, take the roast out of the oven, wrap in aluminium foil and leave to stand for about 10 minutes. This helps retain juices when the meat is carved.

### Roasting poultry

For a crisp finish, baste the poultry 10 minutes before the end of the cooking time with slightly salted water.

# Roasting

## Roasting chart

Meat/Fish	 / 	
	 [°C]	 [min.]
Topside of beef, approx. 1 kg	170–190	100–130 <sup>2)</sup>
Fillet of beef/Sirloin joint, approx. 1 kg	<b>200–220</b>	<b>20–55</b> <sup>3)</sup>
Venison, approx. 1 kg	<b>140–160</b>	<b>100–120</b> <sup>4)</sup>
Pork roast/neck, approx. 1 kg	160–180	100–120 <sup>4)</sup>
Pork joint with crackling, approx. 2 kg	160–180	130–160 <sup>4)</sup>
Gammon joint, approx. 1 kg	<b>150–170</b>	<b>60–80</b> <sup>4)</sup>
Meat loaf, approx. 1 kg	160–180	60–70 <sup>4)</sup>
Veal, approx. 1.5 kg	<b>180–200</b>	<b>80–100</b> <sup>4)</sup>
Leg of lamb, approx. 1.5 kg	<b>170–190</b>	<b>90–120</b> <sup>4)</sup>
Rack of lamb, approx. 1.5 kg	170–190	20–60 <sup>3)</sup>
Poultry, 0.8–1 kg	<b>180–200</b>	<b>60–70</b>
Poultry, approx. 2 kg	<b>170–190</b>	<b>100–120</b>
Poultry, stuffed, approx. 2 kg	<b>170–190</b>	<b>110–130</b>
Poultry, approx. 4 kg	<b>160–180</b>	<b>150–180</b>
Fish, whole, approx. 1.5 kg	<b>160–180</b>	<b>35–55</b>

The data for the recommended function is printed in bold.

Unless otherwise stated, the times given are calculated on the basis of an oven which has not been pre-heated.

In general, if a range of temperatures is given, it is best to select the lower temperature and to check the food after the shortest time.

Temperatures refer to cooking in an uncovered dish.

If roasting directly on the universal tray or the rack, set the temperature to 10 °C lower.

 1)			
 [°C]	 [min.]	 [°C]	 [min.]
–	–	<b>190–210</b>	<b>110–140</b> <sup>2)</sup>
–	–	200–220	20–55 <sup>3)</sup>
<b>140–160</b>	<b>100–120</b> <sup>4)</sup>	150–170	100–120 <sup>4)</sup>
160–180	110–130 <sup>4)</sup>	<b>180–200</b>	<b>100–120</b> <sup>4)</sup>
170–190	130–160 <sup>4)</sup>	<b>190–210</b>	<b>130–160</b> <sup>4)</sup>
<b>160–180</b>	<b>60–80</b> <sup>4)</sup>	170–190	80–100 <sup>4)</sup>
170–190	60–70 <sup>4)</sup>	<b>190–210</b>	<b>60–70</b> <sup>4)</sup>
<b>170–190</b>	<b>90–110</b> <sup>4)</sup>	190–210	100–120 <sup>4)</sup>
<b>170–190</b>	<b>90–120</b> <sup>4)</sup>	200–220	90–120 <sup>4)</sup>
–	–	<b>190–210</b>	<b>20–60</b>
<b>190–210</b>	<b>60–70</b>	190–210	60–75 <sup>5)</sup>
<b>180–200</b>	<b>90–110</b>	190–210	90–110 <sup>5)</sup>
<b>180–200</b>	<b>100–120</b>	190–210	110–130 <sup>5)</sup>
<b>170–190</b>	<b>140–170</b>	180–200	150–180
<b>170–190</b>	<b>35–55</b>	190–210	35–55

 Fan Plus / 
  Auto Roast / 
  Moisture Plus / 
  Conventional Heat

 Temperature / 
  Roasting duration

As a general rule, use shelf level 2.

- 1) After the heating-up phase,  
inject the bursts of steam at intervals throughout the cooking duration.
- 2) Roast with the lid on first, then remove the lid halfway through roasting and pour over approx. 0.5 litre liquid.
- 3) Pre-heat the oven. Do not use Rapid Heat-up  during the heating-up phase.
- 4) Pour over approx. 0.5 litre liquid halfway through roasting.
- 5) Use shelf level 3.

# Low temperature cooking

This type of cooking is ideal for cooking beef, pork, veal or lamb when a tender result is required.

First the meat needs to be seared all over briefly at a high temperature on the cooktop in order to seal it.

Then place the meat in the pre-heated oven where the low temperature and long cooking time will cook it to perfection and ensure it is very tender.

The meat will relax and the juices inside will start to circulate evenly throughout the meat to reach the outer layers.

This will give very tender and succulent results.

## Useful tips

- Use lean meat which has been correctly hung and trimmed. Bones should be removed before cooking.
- For searing, use a suitable cooking oil or fat that can withstand high temperatures (e. g. clarified butter).
- Do not cover meat during cooking.

The cooking duration is approx. 2–4 hours and depends on the weight and size of the meat, as well as the desired degree of doneness and browning.

## Low temperature cooking procedure

Use the universal tray with the rack placed on top of it.

Do not use the Rapid Heat-up  function to pre-heat the oven.

- Place the rack together with the universal tray on shelf level 2.
- Select Conventional Heat  and a temperature of 130 °C.
- Pre-heat the oven together with the universal tray and rack for approx. 15 minutes.
- While the oven is pre-heating, sear the meat on all sides on the cooktop.

 Danger of burning!  
Use oven gloves when placing food in the oven, turning or removing it and when adjusting oven shelves etc. in a hot oven.

- Place the seared meat on the rack.
- Reduce the temperature to 100 °C.
- Continue cooking until the end of the cooking duration.

You can set the cooking process to finish automatically (see "Operation - Setting the cooking duration").

# Low temperature cooking

## After cooking

Because the cooking and core temperatures are very low:

- Meat can be carved straight from the oven. It does not need to rest.
- The cooking result won't be affected if the meat is left in the oven after the finish of the programme. It can be kept warm until you serve it.
- The meat is an ideal temperature to eat straight away. Serve on pre-heated plates with very hot sauce or gravy to prevent it cooling down too quickly.

## Cooking duration/Core temperatures

Meat	Duration [min.]	Core tempe- rature** [°C]
Sirloin joint		
– Rare	60–90	55–60
– Medium	120–150	65–70
– Well-done	180–240	70–75
Pork fillet	120–150	65–80
Gammon*	150–210	75–80
Saddle of veal*	180–210	65–75
Saddle of lamb*	90–120	65–75

\* Boned

\*\* Use a food probe if you need to monitor the increase in the core temperature.

# Grilling



## Danger of burning!

Grill with the oven door closed. If you grill with the door open, hot air will escape from the oven instead of being cooled by the cooling fan. The controls will get hot.

## Oven functions

### Grill

For grilling and toasting bread, open sandwiches etc. and browning baked dishes.

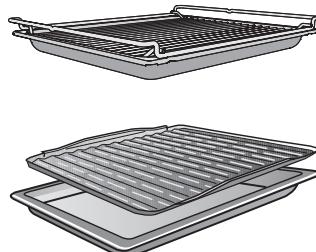
The top heat/grill element is ready for use when it glows red.

### Fan Grill

For grilling thicker items, e.g. rolled meat, poultry pieces.

The top heat/grill element and fan are switched on alternately.

## Grilling dishes



Use the universal tray with the rack or grilling and roasting insert (if available) on top.

The juices from the food being cooked collect under the insert. This prevents them from spitting and making the oven dirty. The juices can then be used for making gravy and sauces.

Do not use the baking tray.

## Notes on the grilling chart

### Temperature

As a general rule, select the lower temperature given in the chart. If higher temperatures are used, the meat will brown on the outside, but will not be properly cooked through.

For thin items, a maximum temperature setting of 200 °C is generally recommended, for thicker items, a maximum of 180 °C.

### Pre-heating

Always pre-heat the top heat/grill element for approx. 5 minutes with the door closed.

### Shelf levels

Select the shelf level according to the thickness of the food.

- Thin items: Shelf level 3/4
- Thicker items: Shelf level 1/2

### Grilling duration

- Turn the food halfway through grilling.

### Testing to see if cooked

One way of finding out how far through a piece of meat has been cooked is to press down on it with a spoon:

Rare: If there is very little resistance to the pressure of the spoon, it will still be red on the inside.

Medium: If there is some resistance, the inside will be pink

Well-done: If there is great resistance, it is cooked through.

Check if the meat is cooked after the shortest time quoted.

### Tip

If the surface of thicker cuts of meat is cooked but the centre is still raw, continue grilling at a lower temperature setting or use a lower shelf level to allow the food to cook through to the centre.

# Grilling

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## Preparing food for grilling

Rinse meat under cold running water and then pat dry. Do not season meat with salt before grilling as this draws the juices out.

Add a little oil to lean meat if necessary. Do not use other types of fat as they can burn and cause smoke.

Clean fish in the normal way. To enhance the flavour, add a little salt or squeeze a little lemon juice over the fish.

## Grilling

- Place the rack or the roasting and grilling insert (if available) in the universal tray.
- Place the food on top.
- Select the required oven function and the temperature.
- Pre-heat the top heat/grill element for approx. 5 minutes with the door closed.



### Danger of burning!

Use oven gloves when placing food in the oven, turning or removing it and when adjusting oven shelves etc. in a hot oven.

- Place the food on the appropriate shelf level (see Grilling guide).
- Close the door.
- Turn the food halfway through grilling.

## Fan Grilling guide (Fan Grill

- Use the Fan Grill function for meat, fish, poultry and vegetables.
- Always pre-heat for at least 5 minutes before Fan Grilling.
- It is not necessary to turn food when Fan Grilling.
- The door must be closed during Fan Grilling.
- When using red meat, pat the meat dry before Fan Grilling as this encourages a richer colour.
- Note: all temperatures are approximations and must be varied according to the thickness and preparation of the meat. The chart below is a suggested guide only. Personal taste and size of serves will vary times and temperatures. We recommend you monitor cooking results for best outcomes.

Food	 [°C]		 [min.]
Lean thin sausages	180–190	4	8–10
Thick sausages	180	4	15–20
Lean beef fillet steak	220	5	6–12
Chicken breast fillet, plain or a dry marinade	200	4	14–18
Chicken breast fillet, with a wet marinade	200	3	14–18
Whole butterflied chicken	200	5	35–40
Thin white fish fillets	220	4	6–10
Thick fish fillets, cutlets or steaks (on grilling and roasting insert placed in the universal tray)	200	4	10–15
Oily fish (on grilling and roasting insert placed in the universal tray)	200	4	8–12
Lamb loin chops	190	4	12–16
Lamb back straps	220	5	8–10
Vegetables, capsicum, zucchini, sweet potato, eggplant	200	5	12–15
Potato wedges or small roast potatoes	220	3	20–25
Kebabs and satays (red meat)	200	5	12–15
Chicken satays	200	4	12–15

 Temperature /  Shelf level /  Total grilling time

Fan Grilling can be used for small roasts but is only recommended for lean, tender cuts of meat, eg lamb racks, rump roasts, and beef fillet. Fan Grill the roast at 180–200 °C on shelf level 3, depending on thickness.

# Grilling

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## Grilling guide (Grill

- Use for thick toasts, muffins, cheese on toast, foccacia, bruschetta and bacon.
- Pre-heat grill for at least 5 minutes on 200–220 °C.
- Select the appropriate shelf level for the thickness of the food.
- Thinner foods can be positioned on shelf 5, while thicker foods should be grilled on shelf 4.
- Grill until food is golden brown and crispy.
- Door must be closed for grilling.

Use Fan Plus  with the temperature set between 30 °C and 50 °C for gently defrosting food.

 Danger of salmonella poisoning!  
It is particularly important to observe food hygiene rules when defrosting poultry. Do not use the liquid from the defrosted poultry. Pour it away, and wash the tray, the sink and your hands.

## Useful tips

- Where possible, remove the packaging and put the food to be defrosted on the universal tray or into a suitable dish.
- When defrosting poultry, put it on the rack over the universal tray to catch the defrosted liquid so that the meat is not lying in this liquid.
- Meat and poultry need to be fully defrosted before cooking. Fish, on the other hand, can be partially defrosted before cooking.  
Defrost so that the surface is sufficiently soft to take herbs and seasoning.

## Defrosting times

The time needed for defrosting depends on the type and weight of the food, and at what temperature it was deep frozen. The following chart is for guidance only. It is important to check that food is thoroughly defrosted.

Frozen food	Weight [g]	Duration [min.]
Chicken	800	90–120
Meat	500	60–90
	1 000	90–120
Sausages	500	30–50
Fish	1 000	60–90
Strawberries	300	30–40
Yeast butter cake	500	20–30
Bread	500	30–50

# Bottling

## Containers for bottling



### Danger of injury!

Do not use the appliance to heat up or bottle food in sealed jars and tins. Pressure will build up inside them and they can explode causing damage to the appliance, as well as the risk of injury and scalding.

Only use special jars for bottling:

- bottling jars,
- jars with twist-off lids.

## Bottling fruit and vegetables

We recommend using Fan Plus

The instructions are for 6 jars with a capacity of 1 litre each.

- Place the universal tray on shelf level 2 and place the jars on the tray.
- Select Fan Plus and a temperature of 150–170 °C.
- Wait until bubbles evenly rise in the jars.

Reduce the temperature at the right time to avoid the produce boiling over.

## Fruit/Cucumbers

- Select the lowest temperature as soon as bubbles are visible in the jars. Then leave the jars in the warm oven for a further 25–30 minutes.

## Vegetables

- Reduce the temperature to 100 °C as soon as bubbles are visible in the jars.

	<b>Bottling duration</b> [min.]
<b>Asparagus, carrots</b>	60–90
<b>Peas, beans</b>	90–120

- After the bottling duration has finished, select the lowest temperature and leave the jars in the oven for a further 25–30 minutes.

## After bottling



### Danger of burning!

Wear oven gloves when removing the jars from the oven.

- Take the jars out of the oven.
- Cover the jars with a towel and leave to set for approx. 24 hours.
- Make sure all jars are closed properly when storing them.

Drying is a traditional method of preserving fruit, certain vegetables and herbs.

It is important that fruit and vegetables are ripe and not bruised before they are dried.

■ To prepare food for drying:

- Peel and core apples, and cut into slices 0.5 cm thick.
- Core plums if necessary.
- Peel, core and cut pears into wedges.
- Peel and slice bananas.
- Clean mushrooms, then either halve or slice them.
- Remove parsley and dill from the stem.

■ Distribute the food evenly over the universal tray.

You can also use the Gourmet perforated baking tray (if available).

- Select Fan Plus  or Conventional Heat .
- Select a temperature of 80–100 °C.
- Place the universal tray on shelf level 2.  
If you are using Fan Plus , you can dry produce on levels 1+3 at the same time.

Food	Drying time
Fruit	2–8 hours
Vegetables	3–8 hours
Herbs*	50–60 minutes

\* Use Conventional Heat  for drying herbs.

■ Reduce the temperature if condensation begins to form in the oven.



Danger of burning!

Wear oven gloves when removing the dried food from the oven.

■ Allow the dried fruit or vegetables to cool down after drying.

Dried fruit must be completely dry, but also soft and elastic. Juice must not escape when cut.

■ Store in sealed glass jars or tins.

# Frozen food/Ready meals

## Useful tips

### Cakes, pizza, baguettes

- Large frozen items such as cakes, pizzas or baguettes cover an extensive area of the baking tray or universal tray. The temperature difference if large frozen items are cooked in these trays can cause the tray to distort in such a way that it cannot be removed from the oven when it is hot. Further use will make the distortion worse. Place this type of food on baking paper on the rack to prevent the risk of this happening.
- Use the lowest temperature recommended on the manufacturer's packaging.

### Oven chips, croquettes or similar items

- Small items of frozen food such as oven chips can be cooked on the baking tray or universal tray. Place baking paper on the tray so that they cook gently.
- Use the lowest temperature recommended on the manufacturer's packaging.
- Turn several times during cooking.

## Preparation

Eating food which has been cooked correctly is important for preventing food poisoning or other ailments.

Only bake cakes, pizza, chips etc. until they are golden brown. Do not overcook them.

- Select the function and temperature recommended on the manufacturer's packaging.
- Pre-heat the oven.
- Place the food in the oven on the shelf level recommended on the packaging when the temperature indicator light goes out.
- Check the food at the end of the shortest time recommended on the packaging.

The Gentle Bake  programme is ideal for cooking meat.

Examples of use

Food	 [°C]	 [min.]
Ham roast, approx. 1.5 kg	180	130–160
Braised beef, approx. 1.5 kg	180	160–180

 Temperature

 Duration

Unless otherwise stated, the times given are calculated on the basis of an oven which has not been pre-heated.

Use shelf level 1 or 2 depending on the height of the food.

In general, if a range of temperatures is given, it is best to select the lower temperature and to check the food after the shortest time.

Roast with the lid on first, then remove the lid three-quarters of the way through roasting and add approx. ½ litre liquid.

# Cleaning and care

 Danger of burning! Make sure the oven heating elements are switched off and that the oven cavity is cool.

 Danger of injury! Do not use a steam cleaning appliance to clean this appliance. The steam could reach electrical components and cause a short circuit.

All external surfaces are susceptible to discolouration or change in appearance if unsuitable cleaning agents are used.

Oven cleaners and descaling agents will damage the front of the oven, in particular.

Cleaning agent residues must be removed immediately after use.

All surfaces are also susceptible to scratching. Scratches on glass surfaces could even cause a breakage in certain circumstances.

## Unsuitable cleaning agents

To avoid damaging the surfaces of your appliance, do not use:

- cleaning agents containing soda, ammonia, acids or chlorides,
- cleaning agents containing descaling agents on the oven front,
- abrasive cleaning agents, e.g. powder cleaners and cream cleaners,
- solvent-based cleaning agents,
- stainless steel cleaning agents,
- dishwasher cleaner,
- glass cleaning agents,
- cleaning agents for ceramic cooktops,
- hard, abrasive brushes or sponges, e.g. pot scourers, brushes or sponges which have been previously used with abrasive cleaning agents,
- dirt erasers,
- sharp metal tools,
- steel, wool or metal scourers
- spot cleaning,
- oven cleaner\*,
- stainless steel spiral pads\*.

\* These can, however, be used to remove very heavy soiling from PerfectClean treated surfaces in a spot treatment.

Remove any soiling immediately after use.

If not, it might become impossible to remove.

Continued use without regular cleaning will make the oven much harder to clean.

The accessories are not dishwasher-proof.

## Useful tips

- Soiling caused by spilt juices and cake mixtures is best removed whilst the oven is still warm. Exercise caution and make sure the oven is not too hot - danger of burning.
- To make cleaning easier, you can dismantle the oven door, remove the shelf runners and the FlexiClip telescopic runners (if present), and lower the top heat/grill element.

## Normal soiling

There is a fibreglass seal around the oven interior which seals the inside of the door. It is sensitive to abrasion and rubbing.

To prevent the risk of damaging it, do not clean it.

- It is best to remove normal soiling immediately using a clean sponge and a solution of hot water and washing-up liquid or with a clean, damp microfibre cloth.
- After cleaning, make sure all residual cleaning agents are thoroughly removed with clean water. This is particularly important when cleaning surfaces treated with PerfectClean enamel as cleaning agent residues can impair the non-stick properties.
- After cleaning, wipe the surfaces dry using a soft cloth.

## Cleaning and care

### Stubborn soiling (does not apply to the FlexiClip telescopic runners)

Spilt fruit and roasting juices may cause lasting discolouration or matt patches on enamelled surfaces. This discolouration is permanent but will not affect the efficiency of the finish. Do not use force to remove this discolouration! Clean these following the instructions given here.

Non-Miele oven spray must only be used in a cold oven and for no longer than a maximum of 10 minutes.

- Baked on deposits can be removed with a glass scraper or a non-abrasive stainless steel spiral pad.
- Very stubborn soiling on PerfectClean treated enamel can be cleaned using the Original Miele oven cleaner. It must be applied to cold surfaces in accordance with instructions on the packaging.

- If necessary, the scouring pad on the back of a non-scratching washing-up sponge can be used to remove the soiling.
- After cleaning, remove all oven cleaning agent residues thoroughly with clean water, and dry with a soft cloth.

## Pyrolytic cleaning of the oven interior

Instead of cleaning the oven by hand, you can run the Pyrolytic cleaning programme .

During the Pyrolytic cleaning programme the oven interior is heated up to over 400 °C. Any residual soiling is broken down and reduced to ash by the high temperatures.

This oven has three levels of pyrolytic cleaning, each with a different duration.

Select:

- Level 1 for light soiling
- Level 2 for heavier soiling
- Level 3 for very heavy soiling

For safety reasons, the oven door is automatically locked at the beginning of the Pyrolytic cleaning programme.

It cannot be opened until the programme has finished.

The timer can be used to delay the start time of the Pyrolytic cleaning programme, for instance to make use of cheaper electricity tariffs.

At the end of the Pyrolytic cleaning programme any residues such as ash from the pyrolytic process can be easily wiped away.

## Setting up for the Pyrolytic cleaning programme

The high temperatures used during pyrolytic cleaning will damage accessories that are not designed for cleaning in the Pyrolytic cleaning programme.

Please remove these accessories from the oven interior before starting the Pyrolytic cleaning programme. This also applies to non-pyrolytic accessories purchased separately to the oven.

The following accessories are suitable for cleaning in the Pyrolytic cleaning programme and can be left in the oven:

- Shelf runners
- FlexiClip telescopic runners HFC72
- Rack HBBR72:
  - Take all non-pyrolytic accessories out of the oven.
  - Place the rack on the top shelf level.

If not removed, coarse soiling can smoke and cause the Pyrolytic cleaning programme to switch itself off.

- Coarse soiling and excess spillage must be removed before running the Pyrolytic cleaning programme.

# Cleaning and care

## Starting the Pyrolytic cleaning programme



Danger of burning!

The oven door gets much hotter during a Pyrolytic cleaning programme than during normal use. Make sure children do not touch the oven whilst a Pyrolytic cleaning programme is running.

- Select Pyrolytic cleaning 

*PY 1* appears in the display. The number flashes.

Use the rotary selector  $< >$  to select between *PY 1*, *PY 2* and *PY 3*.

- Select the required Pyrolytic cleaning level.
- Touch the OK sensor.

The Pyrolytic cleaning programme will now start.

 will also appear in the display.

 will flash until the door locks.

The oven heating and the cooling fan will then switch on automatically.

The oven lighting will not come on during the Pyrolytic cleaning programme.

If you want to see how the Pyrolytic cleaning programme is progressing, you need to highlight the duration symbol  in the display.

- Touch .
- If necessary, use the rotary selector  $< >$  to move the triangle  $\blacktriangle$  until it appears under .

The time remaining for the Pyrolytic cleaning programme will appear in the display. You cannot alter the duration.

You can use the minute minder at the same time as the Pyrolytic cleaning programme is running. At the end of the minute minder time the buzzer will sound and the  symbol will start flashing. The time will then continue to increase in the display.

The acoustic and visual signals will go out when you press OK.

*PY* and the number indicating the selected Pyrolytic cleaning programme will then reappear in the display.

## Delaying the start time of the Pyrolytic cleaning programme

Start the programme as described above and then set the required finish time within the first five minutes of starting the programme.

- Touch .
- Use the rotary selector < > to move the triangle  until it appears under .
- - - will appear.
- Touch the OK sensor.

The display will then show the finish time calculated from the current time of day plus the duration of the selected Pyrolytic cleaning programme.

- Use the rotary selector to select the required finish time.
- Touch the OK sensor.

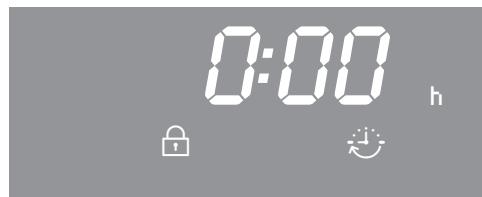
The finish time is now set and has been saved to memory.

The oven heating will now switch off.

The finish time can be changed at any time up until the start time for the programme.

As soon as the start time is reached, the oven heating and the cooling fan will switch on. The duration will appear in the display.

## At the end of the Pyrolytic cleaning programme



0:00,  and  will appear in the display to start with.

The door is locked as long as the  symbol is lit up. The  symbol will start flashing as soon as the door lock has been released.

When the door lock has been released,

- the  symbol will go out,
- the  symbol will start flashing,
- short beeps will sound if the buzzer tone is activated (see "Settings").

■ Turn the function selector to .

The visual and acoustic signals are switched off.

## Cleaning and care

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### Danger of burning!

Wait until the oven has cooled down before removing residual soiling left in the oven compartment from the Pyrolytic cleaning programme.

- Wipe any residues (e.g. ash) left behind after the Pyrolytic cleaning programme out of the oven compartment and wipe any residues off any pyrolytic accessories. The amount of ash will vary depending on how dirty the oven was.

Most soiling can be easily removed using a clean, damp microfibre cloth, or with warm water and a little washing-up liquid on a clean sponge.

Depending on how dirty the oven was before cleaning, there may be a visible layer of soiling across the inner glass pane on the door. This should be removed using the scouring side of a dishwashing sponge or with a stainless steel spiral pad and a little washing-up liquid.

- Extend and retract the FlexiClip telescopic runners several times after running the Pyrolytic cleaning programme.

### Please note:

- The fibreglass seal around the front of the oven should be handled carefully. Do not rub and scour it. If possible, you should avoid trying to clean it.
- The FlexiClip telescopic runners may appear discoloured or a lighter colour in places after they have been cleaned. This will not affect the functioning of the runners in any way.
- Spilt fruit juices may cause lasting discolouration to enamelled surfaces. This discolouration is permanent but will not affect the efficiency of the enamel. Do not attempt to remove these marks.

### The Pyrolytic cleaning programme is cancelled

If the Pyrolytic cleaning programme is cancelled, the oven door will remain locked until the temperature inside the oven drops to below 280 °C. The  symbol will light up until the temperature has dropped below this level.

The door can be opened as soon as the  symbol starts flashing.

The following will cause the Pyrolytic cleaning programme to stop:

- Turning the function selector to .

Once the door has been unlocked,  will go out and the time of day will reappear in the display. If necessary, start the Pyrolytic programme  again.

- Turning the function selector to a different function.

 and  will appear in the display. Once the door has been unlocked,  will go out and  will start to flash.

- A power cut.

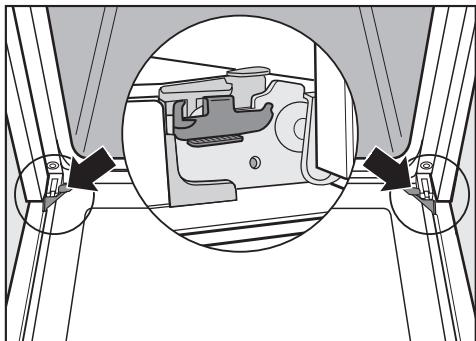
 and  will appear in the display. Once the door has been unlocked,  will go out and  will start to flash.

When power is restored  will light up until the temperature in the oven has dropped below 280 °C.  will then appear in the display.

The door lock releases.  goes out and the time of day reappears.

# Cleaning and care

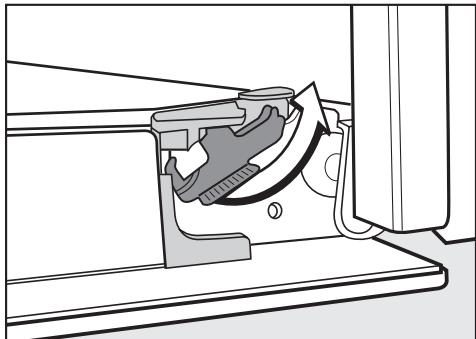
## Removing the door



The oven door is connected to the hinges by retainers.

Before removing the door from the retainers, the locking clamps on both hinges have to be released.

- Open the door fully.

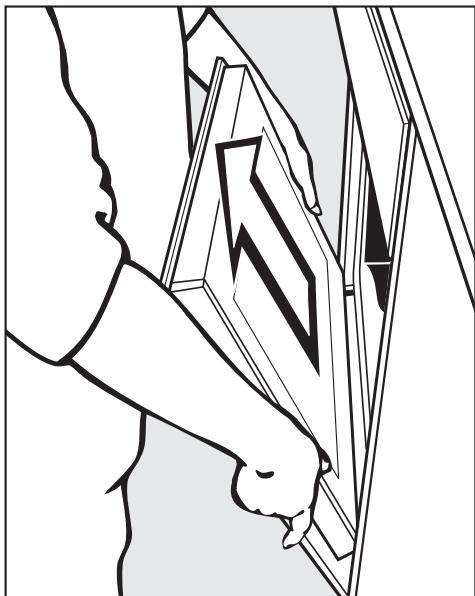


- Release the locking clamps by turning them as far as they will go.

Do not attempt to take the door off the retainers when it is in the horizontal position as the retainers will spring back against the oven.

Do not use the handle to pull the door off the retainers as the handle could break.

- Raise the door up till it rests open.



- Hold the door securely at both sides, and lift it upwards off the retainers. Make sure you take it off straight.

## Dismantling the door

The oven door is an open system with four glass panes which have a heat-reflective coating on some of their surface.

During operation, cool air is passed through the oven door to keep the outer pane cool.

If soiling has worked its way in between the glass panes, the door can be dismantled in order to clean in between the panes.

Take particular care as scratches can damage the glass.

When cleaning the glass panes, do not use abrasive cleaning agents, hard sponges or brushes, and do not use sharp metal tools or scrapers.

Please also read the general notes on cleaning the oven front before cleaning the glass panes.

The glass panes are coated in different ways with a heat-reflective coating on the sides facing into the oven cavity.

The glass panes must be fitted the right way round after being cleaned. Oven spray will damage the aluminium trims inside the door.

These should only be cleaned using hot water and washing-up liquid applied with a clean sponge or a clean, damp microfibre cloth.

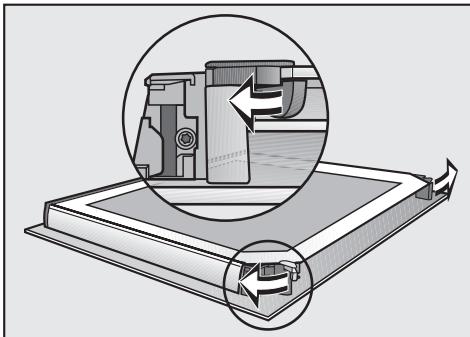
Be especially vigilant after dismantling the door that the glass panes do not break.

## Cleaning and care



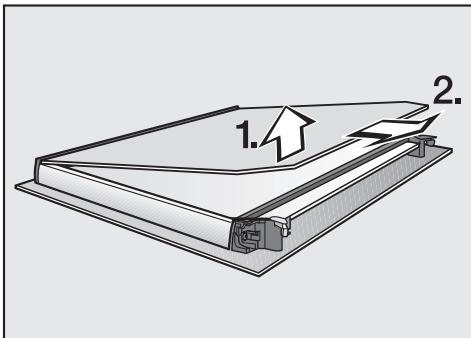
Danger of injury!  
Always remove the door before dismantling it.

- Place the door on a protective surface (e.g. on a table cloth) to prevent it getting scratched. The door handle should line up with the edge of the table. Make sure the glass lies flat and does not get broken during cleaning.

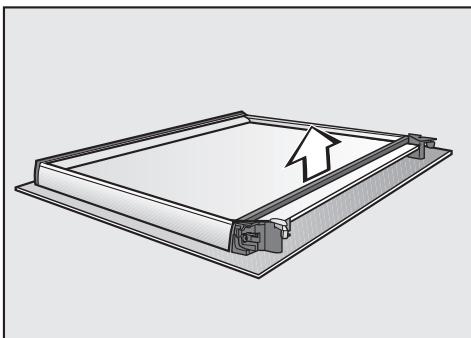


- Flip the two glass pane retainers outwards to open them.

You can now remove the inner pane and the two middle panes one after the other.



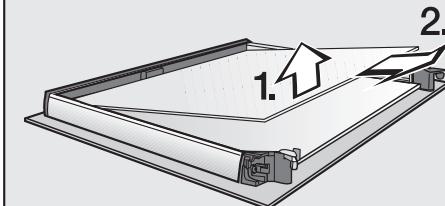
- **Gently** lift the inner pane up and out of the plastic strip.



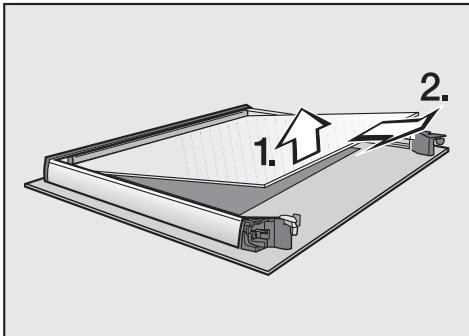
- Remove the seal.

Then reassemble the door carefully:

The two middle panes are identical. To help you put them back in correctly, the material number is printed on the panes.

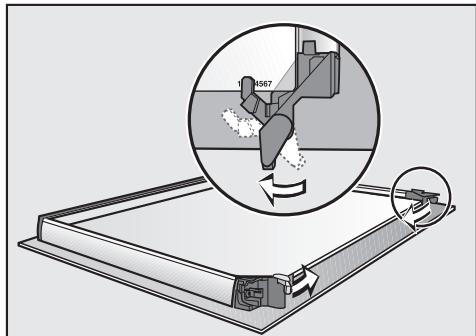


- Gently lift the top of the two middle panes up and take it out.



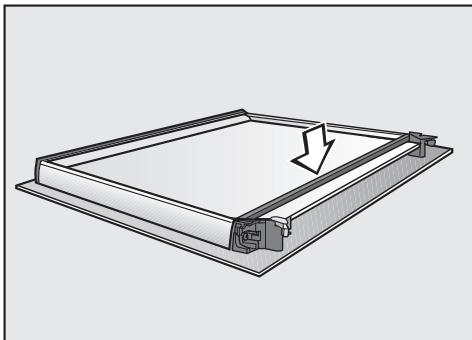
- Then lift the bottom of the two middle panes up gently and take it out.
- Clean the door panes and other individual parts with a clean sponge and a solution of hot water and washing-up liquid or a clean, damp microfibre cloth.
- Dry all parts with a soft cloth.

- Refit the lower of the two middle panes in such a way that the material number is legible (i.e. not reversed).
- Flip both the glass pane retainers inwards in such a way that they fit over the lower of the two middle panes.

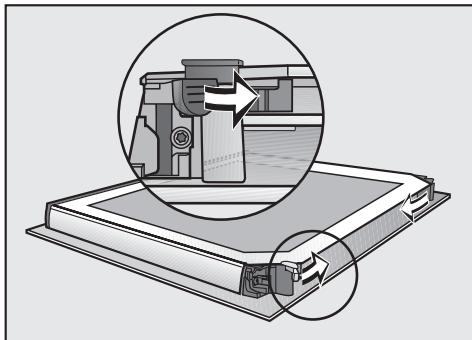


- Then refit the upper of the middle two panes in such a way that the material number is legible (i.e. not reversed). The glass pane should lie on top of the retainers.

## Cleaning and care

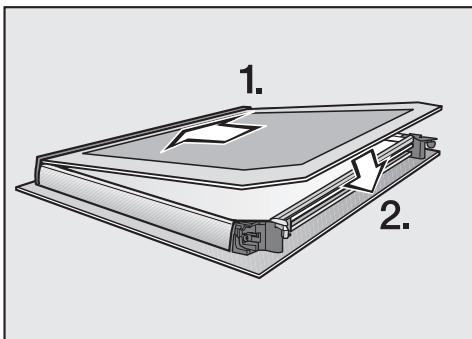


- Refit the seal.



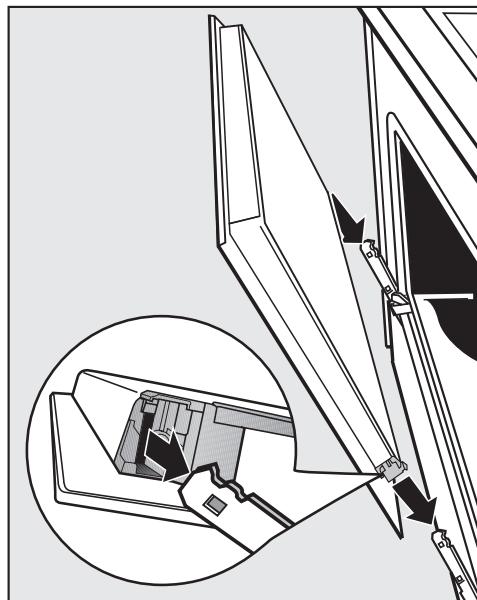
- Flip the two glass pane retainers inwards to close them.

The door is now reassembled and is ready to fit back on the oven.



- Push the inner pane with the matt printed side facing downwards into the plastic strip and place it between the retainers.

## Fitting the door

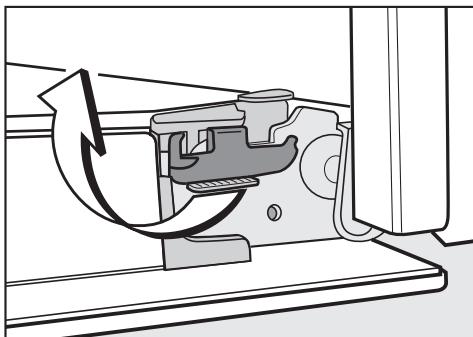


- Hold the door securely on both sides and carefully fit it back into the hinge retainers.

Make sure that the door goes back on straight.

- Open the door fully.

It is essential that the locking clamps lock securely when the door is refitted after cleaning. Otherwise the door could work loose from the retainers and be damaged.



- Flip both locking clamps back up as far as they will go into a horizontal position.

## Cleaning and care

### Removing the shelf runners with FlexiClip telescopic runners

 Danger of injury!

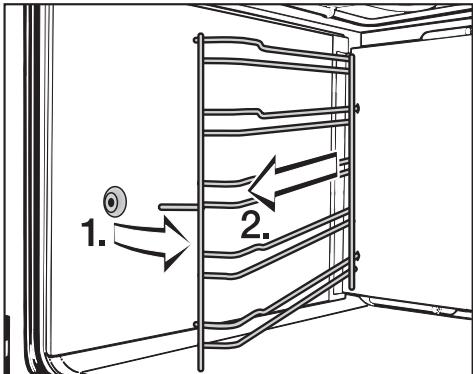
Do not use the oven without the shelf runners.

You can remove the shelf runners together with the FlexiClip telescopic runners (if present).

If you wish to remove the FlexiClip telescopic runners separately beforehand, please follow the instructions in "Features – Fitting and removing the FlexiClip telescopic runners".

 Danger of burning!

Make sure the oven heating elements are switched off and the oven interior is cool.



- Pull the runners out of the holder (1) at the front of the oven and then pull them out of the oven (2).

**Refit** in the reverse order.

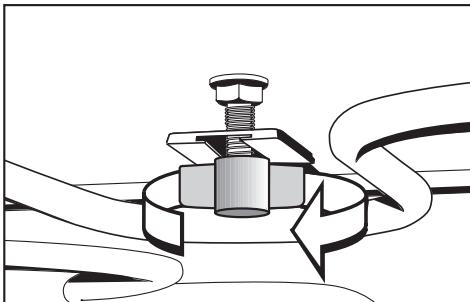
- Ensure that all parts are correctly fitted.

### Lowering the top heat/grill element



Danger of burning!  
Make sure the oven heating elements are switched off and the oven interior is cool.

- Remove the shelf runners.



- Undo the wing nut.

Do not use force to lower the top heat/grill element as this can cause it to break.

- Carefully lower the top heat/grill element.

You can now clean the oven ceiling.

- Raise the top heat/grill element and tighten the wing nut securely.
- Refit the shelf runners.

# Cleaning and care

## Descaling the steam injection system

### When to run the descaling process

The frequency of descaling will depend on the water hardness level in your area.

The descaling process can be run at any time.

However, to ensure that the oven functions correctly, you will be automatically prompted to run the descaling process after a certain number of programmes.

If Moisture Plus  is selected, a prompt to run the descaling process will appear in the display.



You can use the Moisture Plus  function 10 more times before descaling. After the 10th programme, the function will be locked and cannot be used until descaling is carried out.

The prompt will disappear after a few seconds. You can also dismiss it by touching OK.

All other oven functions can still be used.

The number of cooking processes available until the function locks out will count down in the display until  0 and  appear.



After that the Moisture Plus  function is locked and can only be used again after the descaling process has been carried out.

### Descaling process sequence

The descaling cycle takes approx. 90 minutes and consists of several steps:

*E 0*: Drawing in the descaling solution

*E 1*: Activation phase

*E 2*: Rinse 1

*E 3*: Rinse 2

*E 4*: Rinse 3

*E 5*: Residual moisture evaporation

## Preparing the descaling process

We recommend using the descaling tablets supplied. They have been specially developed for Miele appliances for optimum cleaning results.

Other descaling agents, which contain other acids besides citric acid and/or other undesirable substances, such as chlorides for example, could cause damage. Moreover, the descaling effect required could not be guaranteed if the descaling solution was not of the appropriate concentration.

Miele descaling tablets are available to order from Miele or via the internet at [www.miele-shop.com](http://www.miele-shop.com) (depending on country).

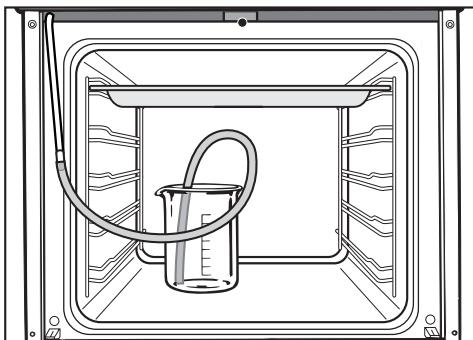
You will need a container of approx. 1 litre capacity.

A plastic tube (with suction cup) is supplied with your oven so that you do not have to hold the container with the descaling agent underneath the water intake pipe.

- 1 Place the end of the plastic tube in the bottom of the container and secure the tube with the suction cup.

Follow the instructions for the mixing ratio carefully. Otherwise the oven will be damaged.

- 2 Completely dissolve one descaling tablet in approx. 600 ml of cold mains tap water.
- 3 Place the universal tray on the top shelf level to collect the descaling solution after it has been used.



- 4 Place the container with the descaling solution on the floor of the oven. Secure the other end of the plastic tube to the water intake pipe.
- 5 Close the door.

# Cleaning and care

## Starting the descaling process

As soon as the intake process **E 0** has been started, the descaling process can no longer be cancelled.

- ❶ Select the Moisture Plus  function.
- ❷ Use the rotary selector to select **E**.
- ❸ Touch the OK sensor.

If the Moisture Plus  function was already locked, the descaling process can be started immediately by touching the OK sensor.

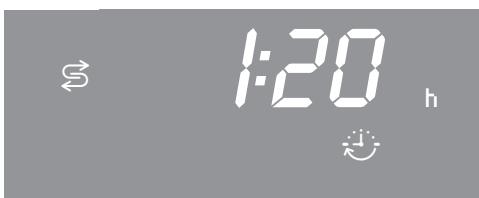
The prompt for the **drawing in process** (**E 0**) will appear and the triangle  will flash under .

- ❹ Touch the OK sensor.

The intake process will begin. You can hear the pump while this is happening.

The amount of solution specified may be more than the amount which is actually taken in. Some of the solution may therefore be left in the container at the end of descaling.

The **activation phase** (**E 1**) will begin. You can follow the duration as it counts down.



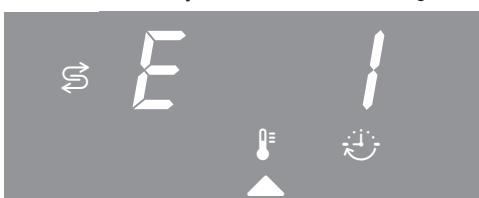
- ❽ Open the door.
- ❾ Leave the container with the tube connected to the water intake pipe in the oven. Top the container up with approx. 300 ml of water, as the system will need to draw in some more liquid during the activation phase.

- ❿ Close the door.

The system will take in more liquid at approximately 5 minute intervals. You will hear the noise of the pump for a moment or so.

The descaling step can be displayed:

- Touch .
- Use the rotary selector to select .



- To display the time remaining, use the rotary selector to move the triangle  until it is under .

At the end of the activation phase a buzzer will sound three times if the buzzer is switched on (see "Settings – **P 2**").

**At the end of the activation phase** the steam injection system will need to be cleaned to remove all traces of descaling solution.

Cleaning is carried out by flushing approx. 1 litre of fresh tap water through the system. The water is collected in the universal tray. This process is repeated three times.

- ⑬ Take the universal tray out of the oven and empty it. Place the tray back in the oven again on the top shelf level.
- ⑭ Remove the plastic tube from the container.
- ⑮ Rinse the container and fill with approx. 1 litre of fresh tap water.
- ⑯ Place the container back in the oven, insert the plastic tube, secure it to the container and close the door.
- ⑰ Touch the OK sensor.

The intake process for the **first rinse (E 2)** will begin.

Water will be flushed through the steam injection system and will then collect in the universal tray.

- ⑱ Take the universal tray out of the oven and empty it. Place the tray back in the oven again on the top shelf level.
- ⑲ Remove the plastic tube from the container. Fill it with approx. 1 litre of fresh tap water.
- ⑳ Place the container back in the oven, insert the plastic tube, secure it to the container and close the door.
- ㉑ Touch the OK sensor.

The intake process for the **second rinse (E 3)** will begin.

- ㉒ Repeat the last four steps.

The intake process for the **third rinse (E 4)** will begin.

Leave the universal tray (with the water which has collected in it) on the top oven shelf whilst the evaporation process takes place.

- ㉓ Remove the container and tube from the oven.

# Cleaning and care

Start the **Evaporate residual moisture** process (E 5).

Steam can cause scalding injuries.  
Do not open the door during the evaporation process.



24 Touch the OK sensor.

The oven heating will switch on and the duration will count down in the display.

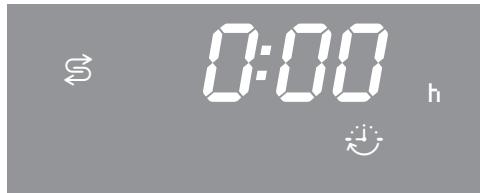


During the evaporation process, the duration may be adjusted by the system according to how much water is currently present.

The last minute will count down in seconds.

At the end of the evaporation process

- a buzzer will sound three times if the buzzer is switched on (see "Settings – P 2"),
- **00:00** will appear and  will flash.



25 Turn the function selector to .

 **Danger of burning!**  
Allow the oven interior and accessories to cool down before cleaning them.

26 Remove the universal tray and empty it. Clean the oven interior to remove any condensation and descaling agent residue.

Leave the oven door open until the oven interior is completely dry.

## Problem solving guide

With the aid of the following guide, minor problems can be easily corrected without contacting Miele. If, after reading this guide, you can't remedy the problem yourself, please call Miele (see back cover for details).

Please note, however, that a call-out charge will be applied to unnecessary service visits where the problem could have been rectified as described in these operating instructions.

### Danger of injury!

Installation, maintenance and repairs may only be carried out by a suitably qualified and competent person. Repairs and other work by unqualified persons could be dangerous.

Miele cannot be held liable for unauthorised work.

Do not attempt to open the casing of the oven yourself.

Problem	Possible cause and remedy
The display is dark.	<p>The time of day display is deactivated, so when the appliance is switched off, the time of day display is switched off.</p> <ul style="list-style-type: none"><li data-bbox="329 779 1043 906">■ As soon as the oven is switched on, the time of day will appear. If you want it to be displayed constantly, the setting to switch the time of day display back on must be changed (see "Settings – ").</li><li data-bbox="329 922 1043 1017">■ There is no power to the oven.<ul style="list-style-type: none"><li data-bbox="329 953 1043 1017">■ Check whether the mains fuse has tripped. If it has, contact a qualified electrician or Miele.</li></ul></li></ul>
A function has been selected and the time of day and the  symbol are still in the display.	<p>The system lock  has been switched on.</p> <ul style="list-style-type: none"><li data-bbox="329 1064 1043 1096">■ Switch off the system lock (see "System lock ").</li></ul>

# Problem solving guide

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Problem	Possible cause and remedy
The oven does not heat up.	<p>Demo mode has been activated. <b>RES</b> appears in the display.</p> <p>The oven can be operated but does not heat up.</p> <p>■ Deactivate Demo mode (see "Settings – <b>P 5</b>").</p>
A function has been selected but the oven is not working.	<p>There has been a power cut which has caused a current cooking process to stop.</p> <p>■ Turn the function selector to the ● position and switch the oven off.</p> <p>Start the cooking process again.</p>
<b>12:00</b> will appear in the display with the triangle  flashing under  .	<p>The power supply was interrupted for longer than 200 hours.</p> <p>■ Reset the time of day (see "Using for the first time").</p>
<b>0:00</b> appears unexpectedly in the display and  is flashing at the same time. The buzzer might also be sounding.	<p>The oven has been operating for an unusually long time and this has activated the safety switch-off function.</p> <p>■ Turn the function selector to ●. The oven is now ready to use again immediately.</p>
<b>F 32</b> appears in the display.	<p>The Pyrolytic cleaning programme door lock is not locking.</p> <p>■ Turn the function selector to ● and select the required Pyrolytic cleaning programme again.</p> <p>If the fault code appears in the display again, call Miele.</p>

Problem	Possible cause and remedy
<p><b>F 33</b> appears in the display.</p>	<p>The door lock for the Pyrolytic cleaning programme is not being released.</p> <ul style="list-style-type: none"> <li>■ Turn the function selector to ● and switch the oven off with the ① sensor.</li> </ul> <p>If the door lock still does not release itself, call Miele.</p>
<p><b>F XX</b> appears in the display.</p>	<p>There is a problem that you cannot resolve.</p> <ul style="list-style-type: none"> <li>■ Call Miele.</li> </ul>
<p>No water is being taken in with the Moisture Plus  function.</p>	<p>Demo mode is activated.</p> <p>The oven can be operated but the pump for the steam injection system does not work.</p> <p>Deactivate Demo mode (see "Settings – <b>P 9</b>").</p> <p>The pump for the steam injection system is faulty.</p> <ul style="list-style-type: none"> <li>■ Call Miele.</li> </ul>
<p>The rack and other accessories make a noise when being pushed into or pulled out of the oven.</p>	<p>The pyrolytic resistant surface of the shelf runners creates friction when accessories are being pushed into or pulled out of the oven.</p> <p>To reduce the friction, add a few drops of heat resistant cooking oil to some paper towelling and use this to lubricate the shelf runners.</p> <p>Repeat this after each pyrolytic cleaning process.</p>

## Problem solving guide

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Problem	Possible cause and remedy
A noise can be heard after a cooking process.	<p>The cooling fan is switched on.</p> <p>When the temperature in the oven has fallen sufficiently, the cooling fan will switch off automatically.</p>
The oven has switched itself off.	<p>The oven will switch itself off automatically to save energy if no other action is taken within a certain time frame after switching it on or after the end of a cooking programme.</p> <ul style="list-style-type: none"><li>■ Switch the oven back on.</li></ul>
Cakes and biscuits are not cooked properly after following the times given in the chart.	<p>A different temperature from the one given in the recipe was used.</p> <ul style="list-style-type: none"><li>■ Select the temperature required for the recipe.</li></ul> <p>The ingredient quantities are different from those given in the recipe.</p> <ul style="list-style-type: none"><li>■ Check whether there has been a change to the recipe. The addition of more liquid or more eggs makes a moister mix which would take longer to cook.</li></ul>
Browning is uneven.	<p>The wrong temperature or shelf level was selected.</p> <ul style="list-style-type: none"><li>■ There will always be a slight unevenness. If the unevenness is pronounced, check whether the correct temperature and shelf level have been selected.</li></ul> <p>The material or colour of the baking tin is not suitable for the oven function.</p> <ul style="list-style-type: none"><li>■ With Conventional Heat  light-coloured, shiny tins are less suitable. Use matt, dark-coloured tins.</li></ul>

Problem	Possible cause and remedy
The oven lighting switches off after a short time.	<p>The oven lighting is set to switch off after 15 seconds (default setting). You can change the default setting for this (see "Settings - <i>P 8</i>").</p>
The oven lighting does not switch on.	<p>The halogen lamp needs replacing.</p> <p><b>Danger of burning!</b> Make sure the oven heating elements are switched off and the oven interior is cool.</p> <ul style="list-style-type: none"><li>■ Disconnect the appliance from the mains. Switch off at the wall and withdraw the plug from the socket, or switch off at the mains circuit breaker.</li><li>■ Turn the lamp cover a quarter turn anti-clockwise to release it and then pull it together with its seal downwards to take it out.</li><li>■ Replace it with a new halogen lamp (Osram 66725 AM/A, 230 V, 25 W, G9).</li><li>■ Refit the lamp cover together with its seal and turn clockwise to secure.</li><li>■ Reconnect the oven to the electricity supply.</li></ul>

## After sales service and warranty

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### After sales service

In the event of any faults which you cannot easily remedy, please contact Miele.

See back cover for contact details.

Please quote the model and serial number of your appliance when contacting Miele.

This information is given on the data plate, visible on the front frame of the oven, with the door fully open.

### Warranty

This appliance has a manufacturer's warranty period of 2 years.

For further information, please refer to your warranty booklet.

## Danger of injury!

All electrical work should be undertaken by a suitably qualified and competent person. Installation, repairs and other work by unqualified persons could be dangerous. Miele cannot be held liable for unauthorised work.

Ensure power is not supplied to the appliance until after installation or repair work has been carried out.

Connection of this appliance should comply with national and local safety regulations.

**Connection to a switched socket** is recommended as this provides easier access and isolation in the case of a service call.

If the switch is not accessible after installation or the appliance is **hard-wired** (depending on country), an additional means of disconnection must be provided for all poles.

When switched off there must be an all-pole contact gap of 3 mm in the isolator switch (including switch, fuses and relays according to EN 60335).

## Connection data

The required connection data can be found on the data plate located on the oven frame visible when the door is open.

Please ensure this information matches the household mains supply.

When contacting Miele, please quote the following:

- model number,
- serial number,
- connection data (voltage/frequency/maximum rated load).

When replacing the connection cable supplied with another cable, or changing the connection, only cable type H 05 VV-F with a suitable cross-sectional area (CSA) may be used (available from Miele).

# Electrical connection

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## Oven

Ovens are supplied for connection with an approx. 1.7 m long 3-core cable for connection to a 230 V, 50 Hz supply.

The wires in the mains lead are coloured as follows:

Green/yellow = earth;

Blue = neutral;

Brown = live

### **WARNING - THIS APPLIANCE MUST BE EARTHED**

Fuse rating is 16 A.

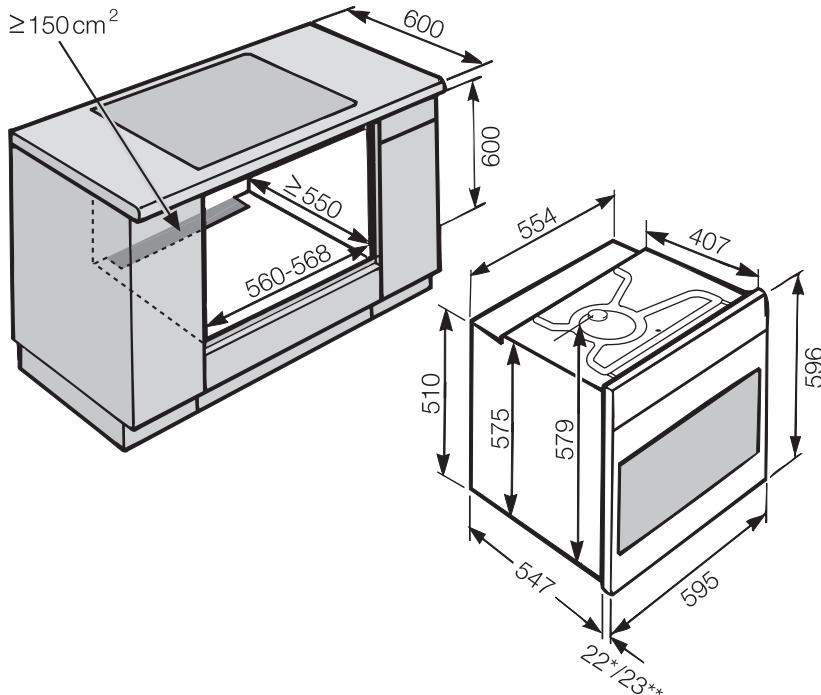
Connection should be made via a fused connection unit or suitable isolator which complies with national and local safety regulations. For extra safety it is advisable to protect the appliance with a suitable residual current device (RCD).

Maximum rated load: see data plate.

## Appliance dimensions and unit cut-out

Dimensions are given in mm.

### Installation in a base unit

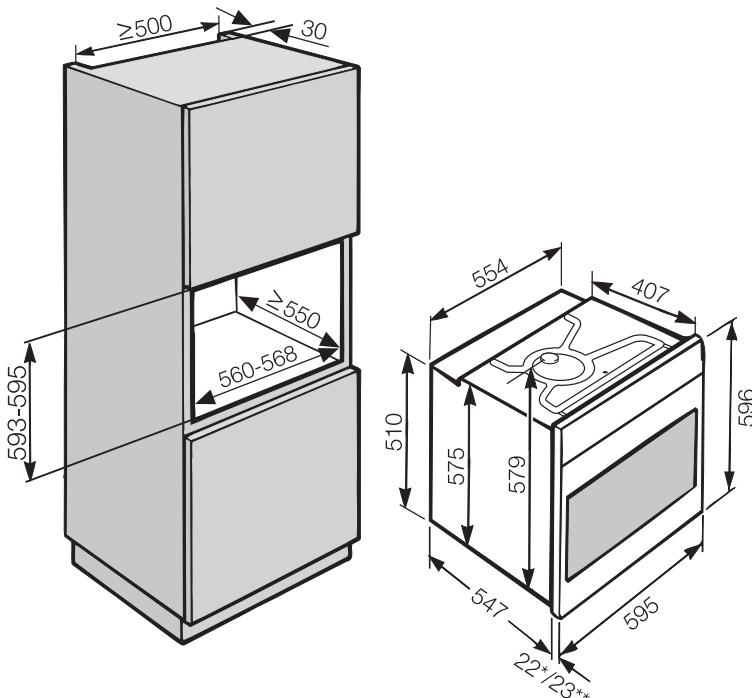


\* Ovens with glass front

\*\* Ovens with metal front

# Building-in diagrams

## Installation in a tall unit

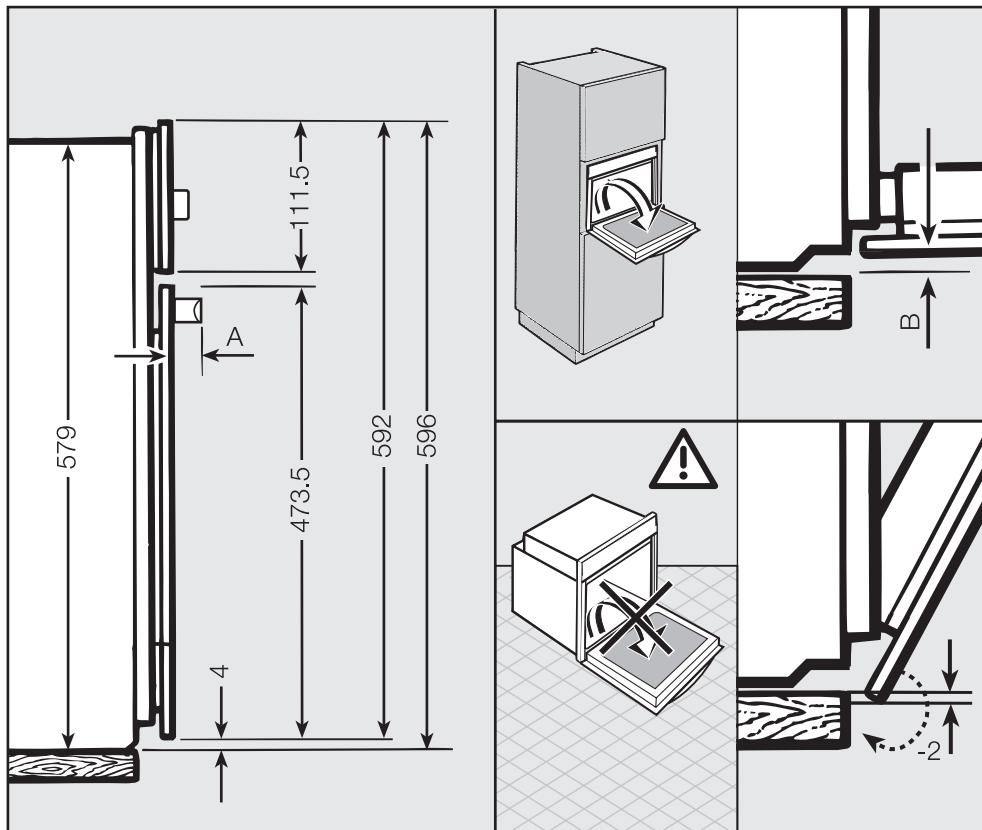


\* Ovens with glass front

\*\* Ovens with metal front

## Front dimensions

Dimensions are given in mm.



**A** H61xx: 45 mm  
H62xx: 42 mm

**B** Ovens with glass front: 2.2 mm  
Ovens with metal front: 1.2 mm

# Installing the oven

**⚠** The oven must be built into its housing unit before it can be used.

In order to function correctly, the oven requires an adequate supply of cool air.

Ensure that the supply of cool air is not impaired:

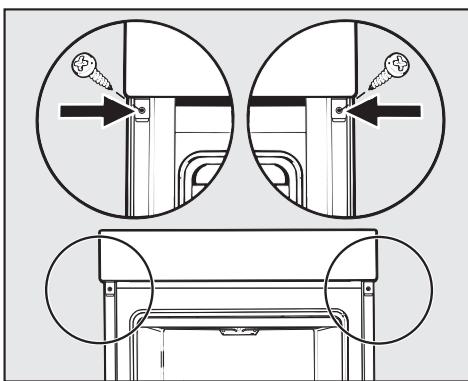
- do not fit a back panel in the housing unit.
- the unit shelf on which the oven sits must not touch the wall behind it.
- do not fit insulation to the side walls of the housing unit.

Please also ensure that the cool air supply is not unduly heated by other heat sources such as a wood burning stove.

Lifting the oven by the door handle can damage the door. Use the handle recesses on the side of the casing.

It is advisable to remove the door before installing the appliance (see "Cleaning and Care - Removing the door") and remove accessories from the oven cavity. This will make it easier to install in its niche and you will not be tempted to use the handle to carry it.

- Push the oven into the housing unit and align it.
- Open the door (if you have not removed it previously).



## Before installation

- Before connecting the oven to the mains, you must disconnect the power supply to the oven isolator switch.

## Installing the oven

- Connect the mains cable from the oven to the isolator.

- Use the screws supplied to secure the oven to the side walls of the housing unit through the holes in the oven trim.
- Refit the door, if necessary (see "Cleaning and care - Refitting the door").

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