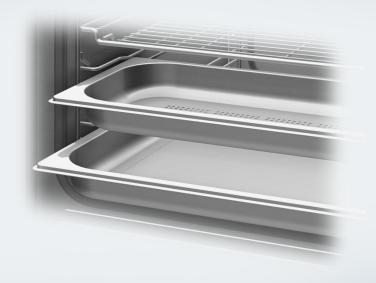


# Operating instructions Steam oven



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.

en-AU, NZ M.-Nr. 09 651 750

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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 damage caused by 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.

## **Correct application**

- ► This steam 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 steam oven is not suitable for outdoor use.
- This steam oven must only be used as described in these instructions.

Any other usage is at the owner's risk and could be dangerous.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning its use by a person responsible for their safety, and are able to recognise the dangers of misuse.

## Safety with children

- Young children must not be allowed to use this appliance.
- ▶ Older children may only use the steam oven when its operation has been clearly explained to them and they are able to use it safely, recognising the dangers of misuse.
- ► Cleaning may only be carried out by older children under the supervision of an adult.
- ▶ Please supervise children in the vicinity of the steam oven and do not let them play with it.
- ▶ Danger of suffocation! Children may be able to wrap themselves in packing material or pull it over their head 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. Make sure that children do not attempt to open the door when the appliance is in operation. Keep children well away from the appliance until it has cooled down and there is no danger of burning.
- Danger of injury! The maximum load capacity for the door is 8 kg. Children can hurt themselves on an open door. Ensure that children do not sit on or swing on the door.

## **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 the appliance 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, ensure that the connection data on the data plate (voltage and frequency) matches the mains electricity supply. This data must correspond in order to avoid the 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 adapter or an extension lead. These do not guarantee the required safety of the appliance (e.g. danger of overheating).
- This appliance must not be installed and operated in mobile installations (e.g. on a ship).
- 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 plug has been removed or the connection cable is not supplied with a plug, the steam oven must be connected to the mains supply by a suitably qualified electrician.
- ▶ If the connection cable is damaged, it must be replaced with a special connection cable of type H 05 VV F (pvc insulated), available from Miele, in order to avoid a hazard.
- During installation, maintenance and repair work, the appliance must be disconnected from the mains electricity supply. 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.
- ▶ If the steam oven is installed behind a furniture panel (e.g. a door), ensure that the door is never closed whilst the steam oven is in use. Heat and moisture can build up behind a closed furniture panel and cause subsequent damage to the steam oven, the housing unit and the floor. Do not close the door until the steam oven has cooled down completely.
- ▶ In areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the appliance and its surroundings clean at all times. Any damage caused by cockroaches or other vermin will not be covered by the warranty.

#### Correct use

Danger of burning! The steam oven becomes hot when in use. Exercise care when handling food and trays so as not to burn yourself on the walls of the steam oven, shelf runners, trays, steam and hot food itself. Use oven gloves when placing food in the steam oven, removing it and when adjusting shelves etc. in a hot steam oven.

When putting cooking containers into the steam oven or taking them out, take care not to spill the contents.

- Do not use the steam oven to heat up or bottle food in sealed 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.
- ▶ Plastic dishes which are not heat and steam resistant melt at high temperatures and can damage the appliance. Use temperature (to 100 °C) and steam resistant plastic dishes. Follow the manufacturer's instructions.
- ► Food which is left in the steam oven can dry out and the escaping moisture can lead to corrosion in the appliance. Do not leave cooked food in the oven compartment and do not use any cooking containers which are susceptible to corrosion as this could lead to corrosion in the appliance.
- You could injure yourself on the open oven door. Avoid leaving the door open unnecessarily.
- ▶ When using an electrical appliance, e.g. a hand-held mixer, near the steam oven, ensure that the connection cable doesn't get caught in the door. The insulation on the cable could become damaged, giving rise to an electric shock hazard.
- ► The steam oven is designed in such a way that there will always be a little residual water left in the water container after use. If there is no residual water, there is something wrong. Call Miele.

- Do not immerse the water container in water, or clean it in a dishwasher. Connecting the water container in the appliance when wet could cause an electric shock.
- For reasons of hygiene and to prevent the build-up of moisture in the appliance, the water container should be emptied after each use.
- ▶ Danger of burning! There may be some residual hot water in the water container at the end of a cooking process. Take care not to spill the contents when taking the water container out of the appliance.
- To avoid the risk of scratches, do not use the casing as a resting place for items.

## Cleaning and care

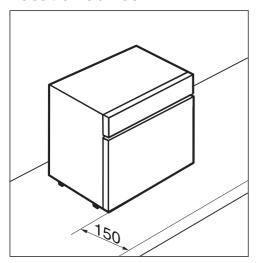
- Do not use a steam cleaning appliance to clean this steam oven. Pressurised steam could reach the electrical components and cause a short circuit.
- Scratches on the door glass can result in the glass breaking. Do not use abrasive cleaners, hard sponges, brushes or sharp metal tools to clean the door glass.
- The shelf runners can be removed for cleaning purposes (see "Cleaning and care Accessories").

  Ensure they are correctly fitted after cleaning and never operate the steam oven without the shelf runners fitted.
- ➤ Try to avoid the interior walls being splashed with food or liquids containing salt. If it does happen, wipe these away thoroughly to avoid corrosion on the stainless steel surface.

#### **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.

## Location advice



► The minimum safety distance between the front of the appliance door and the edge of the worktop is 150 mm.

## Caring for the environment

## Disposal of the packing material

The transport and protective packaging 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. 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.

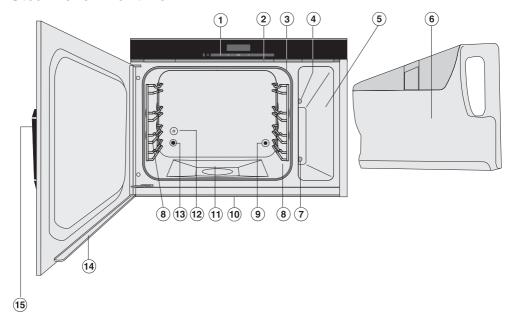
## Disposing of your old appliance

Electrical and electronic appliances often contain valuable materials. They also contain specific materials, compounds and components, which were essential for their correct function and safety. These could be hazardous to human health and to the environment if disposed of with your domestic waste or if handled incorrectly. Please do not, therefore, dispose of your old appliance with your household waste.



Please dispose of it at your local community waste collection / recycling centre for electrical and electronic appliances. You are also responsible for deleting any personal data that may be stored on the appliance prior to disposal. Please ensure that your old appliance poses no risk to children while being stored prior to disposal.

### Steam oven front view



- 1 Control panel
- (2) Ventilation outlet
- 3 Door seal
- (4) Steam channel
- 5 Compartment for water container
- 6 Water container with insert
- 7 Water container connection point
- ® Shelf runners with 4 shelf levels

- 9 Steam inlet
- 10 Drip channel
- 11 Floor heating element
- 12 Temperature sensor
- 3 Steam outlet
- 14 Drip channel in the door
- 15 Door release

## **Overview**

## **Accessories supplied**

The accessories supplied with your appliance, as well as a range of optional ones, are available to order from Miele (see "Optional accessories").

#### **DGG 15**



1 condensate tray for collecting excess moisture, can also be used as a cooking container.
325 x 265 x 40 mm (W x D x H)

#### DGGL 1



2 perforated cooking containers Gross capacity 1.5 litres / Useable capacity 0.9 litre 325 x 175 x 40 mm (W x D x H)

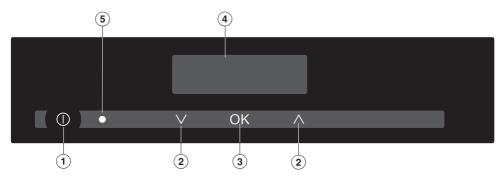
#### Silicone grease



1 tube for lubricating the coupling seal on the water container

## **Descaling tablets**

For descaling the appliance



- ① Recessed On/Off button ① For switching the appliance on and off and accessing the descaling process
- ② ∨∧ sensors For setting the temperature and duration and scrolling through the programme settings For accessing Programming mode: ① + ∨ (see "Settings")
- ③ OK sensor For confirming an entry
- 4 Display
- ⑤ Optical interface (for service technician use only)

## **Controls**

### **Sensors**

The sensors react to touch. Each touch is confirmed with a keypad tone. This keypad tone can be switched off (see "Settings – Keypad tone").

## **Display**

Display	Meaning
즉 (flashing)	Insufficient water or water container not present
Numbers + °C	Temperature
Numbers + h	Duration
⇒ + number(s)	The appliance needs to be descaled

## **Description of the functions**

#### Water container

The maximum water level is 1.2 litres, the minimum 0.75 litre. These levels are indicated on the interior and exterior of the container. Do not exceed the maximum level.

The amount of water used will depend on the type of food and the duration of cooking. Water will sometimes need to be replenished during the cooking process. Water consumption is increased if the door is opened during cooking.

If the ¬ symbol is flashing, either the water container is not pushed in correctly or there is not enough water in it.

## **Condensate tray**

When using perforated containers, place the condensate tray on the lowest shelf level to collect any drops of liquid and allow them to be removed easily.

You can also use the condensate tray as a cooking container if necessary.

### **Temperature**

The steam oven has a temperature range of 40 °C to 100 °C. The appliance is set at 100 °C when it is switched on. You can alter the temperature in 5 °C steps.

#### Recommended temperature

Temperature	Use
100 °C	Cooking all types of food
	- Reheat
	- Menu cooking
	- Bottling
	<ul> <li>Extracting juice</li> </ul>
85 °C	<ul> <li>Cooking fish gently</li> </ul>
60 °C	- Defrosting
40 °C	<ul><li>Proving yeast dough</li></ul>
	<ul> <li>Making yoghurt</li> </ul>

## **Description of the functions**

#### **Duration**

You can set a duration between 1 minute (0:01) and 9 hours 59 minutes (9:59). If the duration exceeds 59 minutes you have to enter it in hours and minutes. Example: Duration 80 minutes = 1:20.

#### **Noises**

You can hear the noise of the fan when the appliance is operating. Noises similar to those of a kettle can be heard when steam is being generated.

## **Heating-up phase**

During the heating-up phase the oven compartment is heated to the set temperature. The display will show the temperature in the oven compartment as it rises.

The duration of the heating-up phase will depend on the quantity and the temperature of the food. In general the heating-up phase will last for approx. 7 minutes. The duration will be longer if you are preparing refrigerated or frozen food.

Filling the water container with hot water will shorten the heating-up time.

## **Cooking phase**

The cooking phase begins when the set temperature is reached. During the cooking phase, the duration remaining will be shown in the display.

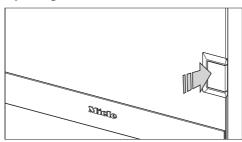
## Using for the first time

- Please stick the extra data plate for the appliance supplied with this documentation in the space provided in the "After sales service, data plate, warranty" section of this booklet. Alternatively, the additional label can be stuck near the appliance if the appliance markings are not visible after installation.
- Remove any protective wrapping and stickers.

The appliance has undergone a function test in the factory. Residual water from this testing may have trickled back into the cabinet during transportation.

## Cleaning for the first time

#### Opening the door



■ Open the door by pressing on the left hand side of the door release.

The door will open slightly.

#### Water container

- Take the water container out of the steam oven and remove the insert (see "Cleaning and care Water container").
- Rinse the water container and the insert thoroughly by hand using hot water. Do not use any washing-up liquid or detergent.

Risk of damage to the water container!

Do not clean the water container or the insert in the dishwasher and do not immerse them in water.

#### **Accessories / Oven compartment**

- Remove all accessories from the oven compartment.
- Wash the accessories in a mild solution of washing-up liquid and hot water or in the dishwasher.

The interior of the steam oven has been treated at the factory with a conditioning agent.

■ To remove this, clean the oven interior with a mild solution of washing-up liquid and warm water and then dry thoroughly with a soft cloth.

## Using for the first time

## Setting the water hardness level

The water hardness level of the steam oven is set to **Hard** at the factory. For trouble-free operation of the steam oven, and to ensure that it is descaled at the appropriate time, it is important to set the water hardness level for your area. The harder the water, the more often the steam oven must be descaled.

Check the hardness of your local water supply and adjust the water hardness as necessary (see "Settings").

## Setting the correct boiling point for water

Before cooking with the steam oven for the first time, it must be set to the correct boiling point for water in your area. This is determined by the altitude at which you live. This procedure also flushes out the water pipework.

This procedure **must** be carried out to ensure efficient functioning of your appliance.

■ Run the steam oven at 100 °C for 15 minutes. Proceed as described in "Operation".

## Setting the correct boiling point for water following a house move

If you move house, the appliance will need to be reset for the new altitude if this differs from the old one by 300 m or more. To do this, descale the appliance (see "Cleaning and care - Descaling").

## **Operating principles**

**Only use tap water**. Never use distilled or mineral water or other liquids.

■ Fill the water container and push it into the appliance until it connects.

If the water container is not inserted correctly, the steam oven will not heat up and after a short time *F20* will appear in the display (see "Problem solving guide").

- Insert the condensate tray on the lowest shelf level if necessary.
- Place the food in the oven.
- Switch the steam oven on using ①.



100 will appear in the display and  $^{\circ}\mathcal{E}$  will start flashing.

- If you want to cook with 100 °C, confirm the setting with OK.
- If you wish you can set a lower temperature by touching the ∨ sensor. Then confirm with OK



0:00 will appear in the display and h will start flashing.

- Set the cooking duration you want by touching ∧ (from 0:00 upwards) or ∨ (from 9:59 downwards).
- Confirm with OK.

The cooking process begins. The steam generator and fan switch on.

If you do not complete these steps within 15 minutes, the appliance will switch itself off.

## **Operation**

#### At the end of the cooking duration

- 0:00 h appears in the display,
- the fan remains switched on,
- an audible tone sounds.

Danger of burning!

Steam can escape when the door is opened.

Step back and wait until the steam has dissipated.

⚠ Danger of burning!

You could burn yourself on the oven interior walls, spilled food and accessories.

Use oven gloves when removing hot food from the oven.

- Open the door and remove the food.
- Switch the steam oven off using ①.

If you want to reduce the fan run-on time, you can do so by removing the water container as soon as you have switched the appliance off.

#### After use

- Remove the condensate tray and empty it.
- Remove the water container by pushing upwards slightly as you take it out of the appliance. Empty it.

The appliance is designed in such a way that there will always be a little residual water left in the water container after use. If there is no residual water, there is something wrong. Call Miele.

- After each use, clean and dry the whole appliance as described in "Cleaning and care".
- Leave the appliance door open until the oven interior is completely dry.

#### Insufficient water

Insufficient water is indicated by the flashing  $\stackrel{\tau}{\to}$  symbol and an audible tone.

- Remove the water container and fill it with fresh tap water.
- Push the water container into the appliance until it connects.

Operation will continue.

#### Changing settings during a cooking process

You can alter the temperature and cooking duration at any time during operation.

#### Changing the temperature

Briefly touch OK once.

The display will change to the temperature setting and °£ will flash.

Set the temperature as described earlier.

#### Changing the cooking duration

Briefly touch OK twice.

The display will change to the cooking duration setting display and h will flash.

Set the cooking duration as described earlier.

## Interrupting operation

Operation is interrupted as soon as the door is opened. The heating will be switched off and the cooking duration remaining stored in memory.

/!\ Danger of burning!

Steam can escape when the door is opened.

Step back and wait until the steam has dissipated.

Danger of burning!

You could burn yourself on the oven interior walls, spilled food and hot steam.

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

Operation will resume when the door is closed.

When the door is closed, the pressure has to equalise, which can cause a whistling sound.

The oven will heat up again and the display will show the temperature of the cooking compartment as it rises. Once the set temperature has been reached, the display will change to show the cooking duration remaining as it counts down.

The cooking process will be ended early if the door is opened in the last minute of cooking time.

## **Operation**

## **Pre-heating**

Your appliance has a pre-heating function. This heats the oven interior to approx. 40 °C. The heating-up time is then shorter as the oven interior is pre-heated and therefore the cooking process takes less time.

The appliance is delivered with this function deactivated. If you wish to use it, you will need to alter the setting (see "Settings").

When the pre-heating function has been activated, you can still choose whether you want to use it for each programme.

The water container must be filled with water for pre-heating and present in the appliance.

The pre-heating process will be cancelled if the door is opened. You can start the process again by switching the appliance off and then back on again.

#### Using pre-heat

Switch the steam oven on.

100 will appear in the display and  $^{\circ}\mathcal{E}$  will start flashing. **Do not** confirm.

After a few seconds the pre-heating process will begin and the display will show the temperature as it rises. When pre-heating is finished, 100 will appear in the display and  $^{\circ}\mathcal{E}$  will flash.

- Place the food in the oven.
- Set the temperature and duration as normal.

#### Not using pre-heat

- Place the food in the oven.
- Switch the steam oven on.

100 will appear in the display and  $^{\circ}\mathcal{E}$  will start flashing.

- Confirm this with OK or set the required temperature as normal.
- Set the cooking duration as described earlier.

This section contains general information. You will find more detailed information about particular foods and how to cook them in the other sections.

## The advantages of cooking with steam

Almost all vitamins and minerals are retained as the food is not immersed in water.

Cooking with steam also retains the true taste of the food better than conventional cooking. We therefore recommend seasoning the food after it has been cooked. Food also retains its fresh, original colour.

#### Suitable containers

#### Cooking containers

This steam oven is supplied with stainless steel cooking containers. Other containers, in a variety of sizes, both perforated and solid, are available as optional extras (see "Optional accessories"). This enables you to choose the most suitable container for the food you are preparing.

It is best to use perforated containers for steam cooking. The steam can reach the food from all sides and the food is cooked evenly.

#### Your own containers

You can also use your own containers. However, please note the following:

- Containers must be heat-resistant to 100 °C and able to withstand hot steam. With plastic containers please check with the manufacturer that they are suitable for use in a steam oven.
- Thick-sided containers made from porcelain, china or stoneware, for example, are not very suitable for steam cooking. They do not conduct heat well and as a result cooking durations will be considerably longer than those given in the charts.
- Place the cooking container in a sufficiently large perforated container, not on the oven floor.
- Ensure that there is a gap between the upper rim of the container and the top of the cooking compartment to allow sufficient steam into the container.

## **Condensate tray**

When using perforated containers, place the condensate tray on the lowest shelf level to collect any drops of liquid and allow them to be removed easily.

You can also use the condensate tray as a cooking container if necessary.

## **General notes**

#### Shelf level

You can select any shelf level. You can also cook on several levels at the same time. This will not alter the cooking duration.

Always insert cooking containers and the rack between the rails of the shelf runners so that they cannot tip.

#### Frozen

The heating-up phase for frozen food is longer than for fresh food. The greater the quantity of frozen food, the longer the heating-up phase.

## **Temperature**

A maximum temperature of 100 °C is reached when steam cooking is taking place. Most types of food will cook at this temperature. Some more delicate types of food, such as soft fruit, must be cooked at lower temperatures as otherwise they will burst. More information is given in the relevant section.

## Combination with a food warming drawer

When a warming drawer which is installed below the steam oven is in use, the oven cavity in the steam oven can reach up to 40 °C. If, in this case, you set a temperature of 40 °C, no steam will be produced because the oven cavity is too warm.

#### **Duration**

In general, the cooking durations for cooking with steam are the same as for cooking food in a saucepan. More information about any factors which may affect the cooking duration is given in the relevant sections.

The quantity of food does not affect the cooking duration. 1 kg of potatoes will take the same time to cook as 500 g.

The durations given in the charts are guidelines only. We recommend selecting the shorter cooking duration quoted to start with. If food is not cooked sufficiently after the shorter time, it can be put back in the oven compartment and cooked some more.

## **Cooking with liquid**

When cooking with liquid, only fill the cooking container  $^2/_3$  full to prevent the liquid spilling when the cooking container is removed from the oven.

## Your own recipes

Food and recipes which are prepared in a pot or a pan can also be cooked in the steam oven. The cooking times in the steam oven will be the same. Please note that food will not be brown or crisp when cooking with steam.

## **Vegetables**

#### Fresh

Prepare fresh vegetables in the usual way, i.e. wash, clean and cut them up.

#### Frozen

Frozen vegetables do not need to be defrosted beforehand unless the vegetables have been frozen together in a block.

To cook frozen vegetables, programme the same time as for fresh ones.

Break up the larger, frozen together pieces. Please refer to the cooking times on the packaging.

#### **Cooking containers**

Food such as peas or asparagus spears, which have little or no space between them, will take longer to cook because the steam has less space to work in. For an even result, it is best to use a shallow container for these types of food, and only fill it about 3 - 5 cm deep. When cooking large quantities, divide the food between 2 or 3 shallow containers rather than using one deep one.

Different types of vegetables which take the same length of time to cook can be cooked together in one cooking container.

Use solid containers for vegetables which are cooked in liquid, e.g. cabbage.

#### Shelf level

When cooking vegetables with a distinctive colour (e.g. beetroot) in a perforated container at the same time as cooking other foods in other containers, place the solid tray directly underneath the perforated container to catch any drips and therefore avoid any colour transfer.

#### Duration

As with conventional methods, the cooking duration when cooking vegetables with steam will depend on the size and how well done you want them. Example: firm potatoes, cut into quarters = approx. 15 minutes firm potatoes, cut in half = approx. 20 minutes

#### **Settings**

Temperature: 100 °C Duration: see chart

The durations given in the charts for fresh vegetables are guidelines only. We recommend selecting the shorter cooking duration quoted to start with. If vegetables are not cooked sufficiently after the shorter time, they can be put back in the oven compartment and cooked some more.

Vegetables	④ [min.]
Artichokes	32–38
Cauliflower, whole	27–28
Cauliflower, florets	8
Green beans	6–8
Broccoli, florets	2–4
Chantenay carrots, whole	7–8
Chantenay carrots, halved	5–6
Chantenay carrots, chopped	4
Chicory, halved	4–5
Chinese cabbage, chopped	3
Peas	2
Fennel, halved	10–12
Fennel, cut into strips	4–5
Curly kale, chopped	23–26
Firm potatoes, peeled whole halved quartered	20–25 15–20 10–15
Fairly firm potatoes, peeled whole halved quartered	23–28 18–23 14–18
Soft potatoes, peeled whole halved quartered	25–30 20–25 15–20
Kohlrabi, cut into batons	6–7

Vegetables	④ [min.]
Pumpkin, diced	4–8
Corn on the cob	10–15
Silverbeet, chopped	2–3
Capsicum, diced/cut into strips	2
New potatoes, firm	20–25
Mushrooms	2
Leek, chopped	2–4
Leek, stalks halved lengthways	4–6
Romanesco, whole	22–25
Romanesco, florets	5–7
Brussels sprouts	10–12
Beetroot, whole	50–60
Red cabbage, chopped	15–20
Black salsify, whole	9–10
Celeriac, cut into batons	6–7
Green asparagus	2–4
White asparagus, whole	5–10
Carrots, chopped	6
Spinach	1–2
Spring cabbage, chopped	10–11
Celery sticks, chopped	2–5
Turnips, chopped	6–7
White cabbage, chopped	12
Savoy cabbage, chopped	10–11
Zucchini, sliced	2–3
Sugar snap peas	2–3

① Duration

#### Meat

#### **Fresh**

Prepare the meat in the usual way.

#### Frozen

Meat should be thoroughly defrosted before cooking in the steam oven (see "Special applications - Defrosting").

#### **Preparation**

Meat which needs to be seared before being cooked, e.g. stewing steak, should be seared in a pan on the cooktop.

#### **Duration**

The cooking duration depends on the thickness and the texture of the meat, and not on the weight. The thicker the piece of meat, the longer the cooking duration. A piece of meat weighing 500 g which is 10 cm thick will take longer to cook than a piece of meat weighing 500 g which is 5 cm thick.

#### **Useful tips**

- Use a perforated container to retain the **flavours** when cooking meat.
   Place a solid container underneath to catch the juices. You can use these to make a gravy or freeze them for later use.
- Boiling chicken, pork rind, meat, ribs and meat bones can be used to make stock. Place the meat together with some mixed vegetables in a solid cooking container and add cold water. The longer the cooking duration, the stronger the stock.

#### **Settings**

Temperature: 100 °C Duration: see chart

The durations given in the chart are guidelines only. We recommend selecting the shorter cooking duration quoted to start with. If meat is not cooked sufficiently after the shorter time, it can be put back in the oven compartment and cooked some more.

Meat	④ [min.]	
Beef shin, covered with water	110–120	
Pork knuckle	135–140	
Chicken breast fillet	8–10	
Knuckle	105–115	
Beef soup bones, covered with water	110–120	
Veal for stewing	3–4	
Gammon steaks	6–8	
Lamb ragout	12–16	
Poularde	60–70	
Turkey roulade	12–15	
Turkey escalope	4–6	
Rib of beef, covered with water	130–140	
Beef stew	105–115	
Boiling chicken, covered with water	80–90	
Silverside	110–120	

Duration

## Sausages

#### Settings

Temperature: 90 °C Duration: see chart

Sausages	① [min.]
Frankfurters	6–8
Sausages	6–8
White sausages	6–8

Duration

#### **Fish**

#### Fresh

Prepare fresh fish in the usual way, i.e. clean, gut and fillet.

#### Frozen

Fish does not need to be fully defrosted before cooking. Defrost so that the surface is sufficiently thawed to take herbs and seasoning. Depending on the thickness of the fish, 2–5 minutes should be enough.

#### **Preparation**

Add some lemon or lime juice to fish before cooking. The citric acid helps the flesh stay firm.

It is not necessary to season fish when cooking with steam as this method retains the minerals which give the fish its unique flavour.

### **Cooking containers**

If using a perforated container, grease it first or line it with baking paper.

#### **Shelf level**

When cooking fish in a perforated container at the same time as cooking other types of food in other containers, place the container with the fish directly above the tray to catch any liquid and so avoid any transfer of tastes to other food.

#### **Temperature**

#### 85 °C - 90 °C

For gently cooking delicate types of fish, such as flounder.

#### 100 °C

For cooking firmer types of fish, e.g. salmon.

Also for cooking fish in sauce or stock.

#### **Duration**

The cooking duration depends on the thickness and the texture of the fish, and not on the weight. The thicker the fish, the longer the cooking duration. A 3 cm thick piece of fish weighing 500 g will take longer to cook than a 2 cm thick piece of fish weighing 500 g.

The longer fish cooks, the firmer its flesh will become. Use the cooking durations given in the chart. If you find that the fish is not cooked sufficiently, only cook it for a few minutes more.

When cooking fish in sauce or stock, we recommend that you increase the cooking duration quoted by a few minutes.

### **Useful tips**

- Adding herbs and spices, such as dill, will help bring out the full flavour of the fish.
- Cook large fish in the swimming position. To help maintain the structure of the fish, place a small cup or similar upside down in the cooking container, and arrange the fish bellyside down over the cup.

- You can use any fish scraps, e.g. fish heads, bones, tails etc. to make a fish stock. Place the fish scraps together with some mixed vegetables in a solid cooking container and add cold water. Cook at 100 °C for 60 to 90 minutes. The longer the cooking duration, the stronger the stock.
- Blue fish is fish which is cooked in water and vinegar. It is important not to damage the skin of the fish. This method is suitable for cooking carp, trout, tench, eel and salmon.

#### **Settings**

Temperature: see chart Duration: see chart

The durations given in the chart are guidelines for fresh fish. We recommend selecting the shorter cooking duration quoted to start with. If the fish is not cooked sufficiently after the shorter time, it can be put back in the steam oven and cooked for longer.

Fish	<b>↓</b> [°C]	() [min.]
Eel	100	5–7
Perch fillet	100	3–5
Bream/Snapper fillet	85	3–5
Trout, 250 g	90	8–12
Halibut/Trumpeter fillet	85	4–6
Blue eye trevalla/Ling fillet	100	6
Carp, 1.5 kg	100	18–25
Salmon fillet	100	4–8
Salmon steak	100	8–10
Ocean trout/Rainbow trout	90	8–10
Basa fillet	85	3
Rosefish fillet	100	6–8
Jackass morwong fillet/Terakihi fillet	100	4–6
Flounder fillet	85	4–5
Stargazer/Monkfish fillet	85	6–8
Sole fillet	85	3
Turbot fillet	85	5–8
Tuna fillet	85	4–8
Pikeperch fillet	85	4

 $<sup>\</sup>mbox{\sc limits}$  Temperature /  $\mbox{\cd O}$  Duration

### **Shellfish**

#### **Preparation**

Defrost frozen shellfish before cooking with steam.

Peel, remove and discard the intestines, and then wash the shellfish.

#### **Cooking containers**

If using a perforated container, grease it first or line it with baking paper.

#### **Duration**

The longer shellfish are cooked, the tougher they become. Use the cooking durations given in the chart.

When cooking shellfish in sauce or stock, we recommend that you increase the cooking duration quoted by a few minutes.

#### **Settings**

Temperature: see chart Duration: see chart

	<b>₽</b> [°C]	① [min.]
Crevettes	90	3
Prawns	90	3
King prawns	90	4
Small shrimps	90	3
Crayfish	95	10–15
Large shrimps	90	3

Temperature / 
 Duration

## Steam cooking

#### Mussels

#### Fresh

Warning - danger of food poisoning!

Only cook mussels which are closed. Do not eat mussels which have not opened after being cooked.

Steep fresh mussels in water for a few hours before cooking to rinse out any sand. Then scrub the mussels thoroughly to clean them.

#### Frozen

Defrost frozen mussels before cooking.

#### Duration

The longer mussels are cooked, the harder they become. Use the cooking durations given in the chart.

### **Settings**

Temperature: see chart Duration: see chart

	<b>₽</b> [°C]	① [min.]
Goose barnacles	100	2
Cockles	100	2
Blue mussels	90	12
Scallops	90	3
Razor clams	100	2–4
Vongole	90	2–4

Temperature / 
 Duration

## Rice

Rice swells when cooked and needs to be cooked in liquid. The proportion of rice to liquid will vary depending on the type of rice.

The rice absorbs all the liquid. Therefore none of the nutrients are lost.

### **Settings**

	Ratio Rice : Liquid	④ [min.]
Basmati rice	1 : 1.5	15
Parboiled rice	1 : 1.5	23–25
Arborio rice		
Milk rice	1:2.5	30
Risotto rice	1 : 2.5	18–19
Brown rice	1 : 1.5	26–29
Wild rice	1 : 1.5	26–29

Duration

## Steam cooking

#### Pasta / Noodles

#### Dry pasta and noodles

Dry pasta and noodles swell when they are cooked and need to be cooked in liquid. The liquid must cover the pasta or noodles. Using hot liquid gives better results.

Increase the cooking time stated by the manufacturer by approx. 1/3.

#### Fresh pasta and noodles

Fresh pasta and noodles, such as you can buy from the supermarket chilled counter, do not need to absorb water. Cook fresh pasta and noodles in a greased, perforated container.

Separate any pieces of pasta or noodles which have stuck together and spread them out in the cooking container.

### **Settings**

Fresh pasta / noodles	① [min.]
Gnocchi	2
Knöpfli	1
Ravioli	2
Spätzle	1
Tortellini	2
Dry pasta / noodles, covered with water	
Flat noodles / Fettuccine	14
Vermicelli	8

Duration

## **European dumplings**

Ready-made dumplings in wrappers need to be covered completely with water. Otherwise they will not absorb enough water and will fall apart, even if steeped in water prior to cooking.

Cook fresh dumplings in a greased, perforated container.

### **Settings**

	① [min.]
Steamed dumplings	30
Yeast dumplings	20
Boil-in-the-bag potato dumplings	20
Boil-in-the-bag bread dumplings	18–20

Duration

## Steam cooking

### **Grains**

Grain swells when cooked and needs to be cooked in liquid. The proportion of grain to liquid will vary depending on the type of grain.

Grain can be cooked whole or cracked.

### **Settings**

	Ratio Grain : Liquid	④ [min.]
Amaranth	1 : 1.5	15–17
Bulgur	1 : 1.5	9
Green spelt, whole	1:1	18–20
Green spelt, cracked	1:1	7
Oats, whole	1:1	18
Oats, cracked	1:1	7
Millet	1 : 1.5	10
Polenta	1:3	10
Quinoa	1 : 1.5	15
Rye, whole	1:1	35
Rye, cracked	1:1	10
Wheat, whole	1:1	30
Wheat, cracked	1:1	8

Duration

## **Dried pulses**

Soak pulses for at least 10 hours in cold water before cooking. Soaking makes the pulses more digestible and shortens the cooking duration required. Soaked pulses must be covered with liquid during cooking.

Lentils do not need to be soaked before cooking.

With unsoaked pulses a certain ratio of pulses to liquid is required.

#### **Settings**

Soaked	
	① [min.]
Beans	
Kidney beans	55–65
Azuki beans	20–25
Black beans	55–60
Borlotti beans	55–65
Haricot beans	34–36
Peas	
Yellow split peas	40–50
Green peas, shelled	27

① Duration

# Steam cooking

Unsoaked		
	Ratio Pulses : Liquid	④ [min.]
Beans		
Kidney beans	1:3	130–140
Azuki beans	1:3	95–105
Black beans	1:3	100–120
Borlotti beans	1:3	115–135
Haricot beans	1:3	80–90
Lentils		
Brown lentils	1:2	13–14
Red lentils	1:2	7
Peas		
Yellow split peas	1:3	110–130
Green peas, shelled	1:3	60–70

① Duration

## Hen's eggs

Use a perforated container to prepare boiled eggs in the steam oven.

The eggs do not need to be pierced before cooking as they are gradually warmed during the heating-up phase and so do not burst when they are cooked with steam.

When using a solid container for preparing egg dishes, remember to grease it first.

#### **Settings**

	④ [min.]
Small (S) soft medium hard	3 5 9
Medium (M) soft medium hard	4 6 10
Large (L) soft medium hard	5 6–7 12
Extra large (XL) soft medium hard	6 8 13

Duration

## Steam cooking

### **Fruit**

Cook fruit in a solid container so that none of the juice is lost. If you wish to cook fruit in a perforated container, place a solid container directly underneath it to collect the juice.

**Useful tip:** You can use the collected juice to prepare a glaze for a fruit flan.

### **Settings**

	④ [min.]
Apples, cut into pieces	1–3
Pears, cut into pieces	1–3
Cherries	2–4
Mirabelle plums	1–2
Nectarines/Peaches, cut into pieces	1–2
Plums	1–3
Quinces, diced	6–8
Rhubarb, cut into pieces	1–2
Gooseberries	2–3

① Duration

## Menu cooking

Menu cooking involves cooking various foods with different cooking times in order to serve them all together in one meal, e.g. Perch with rice and broccoli. Foods are placed in the steam oven at different times so that they are all ready at the same time.

#### Shelf level

When cooking fish or food with a distinctive colour (e.g. beetroot) in a perforated container, place the perforated container directly above a solid container to avoid any transfer of flavour or colour to other food and to prevent liquid dripping onto food below it.

#### **Temperature**

Whole meals should be cooked at a temperature of 100 °C as this is the temperature required to cook the majority of foods.

Do not cook a whole meal at the lowest temperature when different temperatures are required for different types of food, e.g. 85 °C for seabream and 100 °C for potatoes.

If the recommended cooking temperature for the food is 85 °C for example, try cooking it at 100 °C and testing the result. Some delicate types of fish with a soft structure, e.g. flounder will become very firm when cooked at 100 °C.

#### **Duration**

If you increase the recommended temperature, shorten the cooking duration by approx.  $\frac{1}{3}$ .

### **Example:**

Rice 20 minutes

Rosefish fillet 6 minutes

Broccoli 4 minutes

20 minutes minus 6 minutes = 14 minutes (1st duration: rice)

6 minutes minus 4 minutes = 2 minutes (2nd duration: rosefish fillet)

Remaining time = 4 minutes (3rd duration: broccoli

Cooking	20 min rice		
durations			rosefish llet
			4 min broccoli
Settings	14 min.	2 min.	4 min.

## Steam cooking

#### **Procedure**

- Place the rice in the oven compartment first.
- Set the first cooking duration: 14 minutes.
- After 14 minutes, place the fish in the steam oven.
- Set the second cooking duration: 2 minutes.
- After 2 minutes, place the broccoli in the steam oven.
- Set the third cooking duration: 4 minutes.

#### Reheat

The steam oven is very effective at reheating food gently, without drying it out or cooking it further. The food reheats evenly and does not need to be stirred during the reheating process.

You can reheat individual dishes or plated meals which have been prepared previously (e.g. meat, vegetables and potatoes).

#### Suitable containers

Small quantities can be reheated on a plate, larger quantities should be placed in a cooking container.

#### **Duration**

The number of plates or containers has no bearing on the duration.

The durations listed in the chart relate to an average portion per plate/ container. Increase the duration for larger quantities.

### **Useful tips**

- Do not reheat large items, such as a joint of roast meat, whole. Divide it into portions and reheat these as plated meals.
- Compact items, such as stuffed capsicum or roulades, should be cut in half.
- Please note that breaded items, such as schnitzel, will not retain their crispness when they are reheated.
- Reheat sauces separately.
   Exceptions: Food that is prepared in sauces, e.g. goulash.

#### **Procedure**

- Cover the food with a deep plate, a lid, or with clingfilm that is resistant to temperatures up to 100 °C and to steam.
- Place the plate or dish in a sufficiently large perforated container.

### **Settings**

Temperature: 100 °C Duration: see chart

	@ [min.]
Side dishes (pasta, rice, etc.)	8–10
Casserole	8–10
Fish fillet	6–8
Meat	8–10
Poultry	8–10
Vegetables	8–10
Soup	8–10
Plated meals	8–10

Duration

### **Defrost**

It is much quicker to defrost items in the steam oven than at room temperature.

#### **Temperature**

60 °C is the best temperature for defrosting.

**Exceptions:** 50 °C for minced meat and game.

### Before and after defrosting

Remove all packaging before defrosting.

**Exceptions**: Leave bread, biscuits and cakes in their packaging as otherwise they will absorb moisture and become soft.

Allow defrosted food to stand at room temperature after removing it from the oven. The standing time is necessary to allow the even distribution of heat.

## Cooking containers

Danger of salmonella poisoning. Do not use the liquid from defrosted meat or poultry. Pour it away and wash the container, the sink and your hands.

Use a perforated container with a solid container underneath it when defrosting food which will drip, such as poultry. This way food will not be lying in defrosted liquid.

Foods which don't drip can be defrosted in a solid cooking container.

#### **Useful tips**

- Fish does not need to be fully defrosted before cooking. Defrost so that the surface is sufficiently thawed to take herbs and seasoning.
   Depending on the thickness of the fish, 2–5 minutes should be enough.
- When defrosting food which has frozen together, e.g. berries, chops, fish fillets etc. separate it about halfway through the defrosting time.
- Do not refreeze food once it has thawed.
- Defrost frozen ready meals according to the instructions on the packaging.

### **Settings**

Temperature: see chart Defrosting duration: see chart

Food to be defrosted	Quantity	<b>[</b> °C]	@ [min.]	☑ [min.]	
Dairy products					
Sliced cheese	125 g	60	15	10	
Quark	250 g	60	20–25	10–15	
Cream	250 g	60	20–25	10–15	
Soft cheese	100 g	60	15	10–15	
Fruit					
Apple sauce	250 g	60	20–25	10–15	
Apple pieces	250 g	60	20–25	10–15	
Apricots	500 g	60	25–28	15–20	
Strawberries	300 g	60	8–10	10–12	
Raspberries / Blackcurrants	300 g	60	8	10–12	
Cherries	150 g	60	15	10–15	
Peaches	500 g	60	25–28	15–20	
Plums	250 g	60	20–25	10–15	
Gooseberries	250 g	60	20–22	10–15	
Vegetables					
Frozen in a block	300 g	60	20–25	10–15	
Fish					
Fish fillets	400 g	60	15	10–15	
Trout	500 g	60	15–18	10–15	
Lobster	300 g	60	25–30	10–15	
Small shrimps	300 g	60	4–6	5	
Ready meals,					
Meat, vegetables, sides / Casserole / Soup	480 g	60	20–25	10–15	
Meat					
Roast meat slices	125-150 g each	60	8–10	15–20	
Mince	250 g	50	15–20	10–15	
Mince	500 g	50	20–30	10–15	
Stew	500 g	60	30–40	10–15	

Food to be defrosted	Quantity	<b></b> [°C]	① [min.]		
Stew	1000 g	60	50–60	10–15	
Liver	250 g	60	20–25	10–15	
Saddle of hare	500 g	50	30–40	10–15	
Saddle of venison	1000 g	50	40–50	10–15	
Schnitzel / Chops / Sausages	800 g	60	25–35	15–20	
Poultry	Poultry				
Chicken	1000 g	60	40	15–20	
Chicken thighs	150 g	60	20–25	10–15	
Chicken schnitzel	500 g	60	25–30	10–15	
Turkey drumsticks	500 g	60	40–45	10–15	
Cookies/Muffins					
Puff pastries /Yeast buns	_	60	10–12	10–15	
Creamed mixture cakes / biscuits	400 g	60	15	10–15	
Bread / Rolls					
Bread rolls	_	60	30	2	
Rye bread, sliced	250 g	60	40	15	
Whole grain bread, sliced	250 g	60	65	15	
White bread, sliced	150 g	60	30	20	

 $<sup>\</sup>mbox{\ }\mbox{\ }\$ 

### **Bottling**

Only use unblemished, fresh produce which is in good condition.

#### Glass jars

Use clean glass jars and accessories and check them for any defects. Glass jars with twist off lids or glass lids with a rubber seal are suitable.

Make sure that all the glass jars are the same size so that bottling is carried out evenly.

After you have filled the jars with the bottled produce, clean the glass rims with a clean cloth and hot water and then seal the jars.

#### **Fruit**

Sort fruit carefully, rinse it briefly but thoroughly and allow it to drain. Take great care when cleaning soft fruit as it is very delicate and squashes easily.

Remove any peel, stalks, cores or stones. Cut up large fruit. For example, cut apples into slices.

If you are bottling fruit with stones (e.g. plums, apricots) without removing the stones, pierce the fruit several times with a fork or wooden skewer as otherwise it will burst.

## Vegetables

Rinse, clean and cut up vegetables.

Green vegetables should be blanched before bottling to help them retain their colour (see "Special applications - Blanching").

#### Fill volume

Fill the glass jars with produce up to a maximum of 3 cm below the rim. Do not pack it down as this will damage the cell walls of the produce. Tap the jar gently onto a cloth to help distribute the contents evenly. Fill the jars with liquid. The produce must be completely covered.

Use a sugar solution for fruit and a salt or vinegar solution for vegetables.

### Meat and sausages

Briefly fry or cook the meat before bottling. Use the juices with some added water, or the broth in which the meat was cooked, as the liquid content of the jars. Make sure there is no grease on the rim of the jars.

When bottling sausages, only fill the jars to halfway as the meat will rise during the bottling process.

### **Useful tips**

- Make use of residual heat by leaving the jars in the oven for 30 minutes after it has switched off.
- Then cover the jars with a cloth and allow to cool for approx. 24 hours.

#### **Procedure**

- Push the condensate tray in on the lowest level with a perforated container above it.
- Place the jars (all the same size) in the perforated cooking container. Ensure that they do not touch one another.

### **Settings**

Temperature: see chart Bottling duration: see chart

Food	<b>₽</b> [°C]	④ [min.*]		
Berries				
Red / Black currants	80	50		
Gooseberries	80	55		
Cranberries	80	55		
Fruit with stones				
Cherries	85	55		
Mirabelle plums	85	55		
Plums	85	55		
Peaches	85	55		
Greengage plums	85	55		
Fruit with a core				
Apples	90	50		
Apple sauce	90	65		
Quinces	90	65		
Vegetables				
Beans	100	120		
Broad beans	100	120		
Gherkins	90	55		
Beetroot	100	60		
Meat				

Food	<b>₽</b> [°C]	④ [min.*]
Pre-cooked	90	90
Roasted	90	90

Temperature / 
 Duration

<sup>\*</sup> The times quoted are for 1.0 litre jars. If using 0.5 litre jars, reduce the duration by about 15 minutes. If using 0.25 litre jars, reduce the duration by about 20 minutes.

## **Extracting juice**

This appliance is ideal for extracting juice from soft, firm and hard fruit.

It is best to use overripe fruit as the riper the fruit, the greater the quantity of juice produced. Very ripe fruit will also produce a more intense flavour.

#### **Preparation**

Sort and rinse the fruit, and cut out any blemishes.

Remove the stalks from grapes and morello cherries as these are bitter. The stalks do not need to be removed from strawberries, raspberries etc.

Cut larger fruit into chunks approx. 2 cm in size. The harder the fruit, the smaller the pieces should be.

### **Useful tips**

- Try experimenting with mild and tart flavours. For example, mix apples with elderberries.
- Adding sugar will increase the quantity of juice produced and improve the flavour. Sprinkle the fruit with sugar and leave to absorb for a few hours before juicing. For 1 kg of sweet fruit add 50–100 g of sugar, and for 1 kg of tart fruit add 100– 150 g of sugar.
- If you wish to bottle the juice rather than consume it straight away, pour it whilst hot into hot, sterilised bottles up to the rim, and then seal immediately with sterilised rubber tops.

#### **Procedure**

- Put the prepared fruit (cleaned, washed, chopped etc.) into a perforated cooking container.
- Place a solid container or the condensate tray underneath to catch the juice.

#### **Settings**

Temperature: 100 °C Duration: 40–70 minutes

## Making yoghurt

To prepare yoghurt, you will need milk and live culture or yoghurt starter powder, e.g. from a health food store.

Use natural yoghurt with live culture and without additives. Do not use heat-treated yoghurt.

The yoghurt must be fresh (short storage time).

You can use either unchilled long-life milk or fresh milk. Long-life milk can be used without being further treated. Fresh milk must be heated to 90 °C (not boiled) and then allowed to cool down to 35 °C. Using fresh milk will make the yoghurt firmer than if long-life milk was used.

The yoghurt and milk should have the same percentage fat.

Do not move or shake the jars while the yoghurt is fermenting.

After preparing the yoghurt, it must be immediately placed in the refrigerator to cool down.

The firmness, fat content and cultures used in the yoghurt starter all affect the consistency of homemade yoghurt. Not all yoghurts are equally suitable as yoghurt starters.

#### Possible causes for poor results

#### Yoghurt is not set:

Incorrect storage of the yoghurt starter, too much time out of the refrigerator, packaging was damaged, milk was insufficiently heated.

<u>Liquid has not been removed:</u>
Jars were moved, the yoghurt cooled down too slowly.

#### Yoghurt is grainy:

The milk was heated too high, it was not free of imperfections, the milk and yoghurt starter were not stirred evenly.

**Useful tip:** If you are using yoghurt starter powder, you can prepare the yoghurt from a mixture of milk and cream. For that, mix <sup>3</sup>/<sub>4</sub> litre milk with <sup>1</sup>/<sub>4</sub> litre cream.

#### **Procedure**

- Mix 100 g yoghurt with 1 litre of milk or follow the instructions provided by the manufacturer.
- Pour the mixture into glass jars and seal the jars.
- Place the jars in a cooking container. Ensure that they do not touch one another.
- Immediately after the yoghurt has been made, place the jars in the refrigerator, making sure not to shake them unnecessarily.

#### **Settings**

Temperature: 40 °C Duration: 5:00 hours

## **Proving yeast dough**

#### **Procedure**

- Prepare the dough according to the recipe.
- Cover the bowl and place in a perforated container.

### **Settings**

Temperature: 40 °C

Duration: as per recipe instructions

## **Dissolving gelatine**

#### **Procedure**

- Gelatine leaves: Cover the gelatine leaves with cold water and leave to soak for 5 minutes. The gelatine leaves have to be fully covered with water. Remove the gelatine leaves from the bowl and squeeze them out. Empty the bowl. Place the squeezed gelatine leaves back in the bowl.
- Gelatine powder: Place the gelatine powder in a bowl and add water according to the instructions on the packaging.
- Cover the bowl and place it in a perforated cooking container.

### **Settings**

Temperature: 90 °C Duration: 1 minute

## **Melting chocolate**

You can use the steam oven for melting any type of chocolate.

#### **Procedure**

- Break the chocolate into small pieces. Place chocolate icing in its unopened sachet in a perforated cooking container.
- Place large quantities in a solid container and small quantities in a cup or a bowl.
- Cover the container or the dish with temperature (up to 100 °C) and hot steam resistant clingfilm or a lid.
- Stir large quantities once during cooking.

### **Settings**

Temperature: 65 °C Duration: 20 minutes

## Skinning fruit and vegetables

#### **Procedure**

- Cut a cross in the top of tomatoes, nectarines etc. This will allow the skin to be removed more easily.
- Place the fruit/vegetables in a perforated cooking container.
- To blanch almonds, it is important to plunge them into cold water as soon as they are taken out of the oven, otherwise the skin cannot be removed.

### **Settings**

Temperature: 100 °C Duration: see chart

Produce	⊕ [min.]
Apricots	1
Almonds	1
Nectarines	1
Capsicum	4
Peaches	1
Tomatoes	1

Duration

## **Preserving apples**

You can treat homegrown apples in the steam oven to increase the length of time for which you can store them. Once treated, the apples will keep for 5 to 6 months when stored in a dry, cool and well-ventilated place. This method is only suitable for apples and not for other types of fruit.

#### **Settings**

Temperature: 50 °C Duration: 5 minutes

## **Blanching**

Blanch fruit and vegetables before freezing them. Blanching helps maintain the quality of the produce when it is frozen.

Blanching vegetables also helps them retain their original colour.

#### **Procedure**

- Put the prepared vegetables (cleaned, washed, chopped etc.) into a perforated cooking container and place in the steam oven.
- Afterwards, plunge the vegetables into ice cold water to cool them down quickly. Drain them well.

#### **Settings**

Temperature: 100 °C Duration: 1 minute

## **Sweating onions**

Sweating means cooking the onions in their own juices, with the addition of a little fat if necessary.

#### **Procedure**

- Cut the onions up into small pieces and place them in a solid cooking container with a little butter.
- Cover the container or the dish with temperature (up to 100 °C) and hot steam resistant clingfilm or a lid.

### **Settings**

Temperature: 100 °C Duration: 4 minutes

## Rendering fat

The bacon will not become brown.

#### **Procedure**

- Place the bacon (diced or rashers) in a solid cooking container.
- Cover the container with temperature (up to 100 °C) and hot steam resistant clingfilm or a lid.

### **Settings**

Temperature: 100 °C Duration: 4 minutes

## **Disinfecting items**

The steam oven will disinfect baby bottles and other containers so that at the end of the programme they are as germ free as they would have been if boiled. Check beforehand that all parts, teats etc. are declared by the manufacturer to be heat resistant to 100 °C and also that they can withstand hot steam.

Dismantle, clean and thoroughly rinse baby bottles. Reassemble the bottles only after they have completely dried. This prevents recontamination.

#### **Procedure**

- Place the individual parts in a perforated cooking container, ensuring that they do not touch one another (on their sides or with the opening facing downwards). This will allow the steam to reach the parts from all sides
- Place the cooking container on the lowest shelf level.

### **Settings**

Temperature: 100 °C Duration: 15 minutes

## Heating damp towels

#### **Procedure**

- Moisten towels and then roll them up.
- Place them beside one another in a perforated cooking container.

### **Settings**

Temperature: 70 °C Duration: 2 minutes

## **Decrystallising honey**

#### **Procedure**

- Loosen the lid and place the jar of honey in a perforated cooking container.
- Stir the honey once during the cooking procedure.

### **Settings**

Temperature: 60 °C

Duration: 90 minutes (irrespective of the size of jar or the amount of honey in the

jar)

## **Preparing custard royale**

#### **Procedure**

- Stir 6 eggs into 375 ml milk (do not beat into a foam).
- Season the egg/milk mixture and pour into a solid cooking container greased with butter.

### **Settings**

Temperature: 100 °C Duration: 4 minutes

## **Settings**

Your steam oven is supplied with a number of standard default settings. The standard settings listed in the chart can be altered.

#### Changing and saving settings

The appliance is switched off.

- Touch and hold the (1) sensor.
- Whilst pressing the ① sensor, touch the ∨ sensor once briefly when the display lights up.

P1 will appear in the display.

- Touch the ∧ or ∨ sensor repeatedly until the programme you want appears highlighted in the display.
- Confirm with OK.
- Touch the ∧ or ∨ sensor repeatedly until the status you want appears highlighted in the display.
- Confirm with OK.

The selected status will be saved.

After you have altered the setting(s) required, switch the appliance off. The factory setting is shown in **bold**.

Pro	gramme	Status	Possible settings
P1		S0	
		S1	Factory default settings reinstated
P2	Demo mode	S0	Off, the steam oven heats up
		S1	On, the steam oven does not heat up
P3	Buzzer volume	S1	Very quiet
		S2	Quiet
		S3	Medium
		S4	Loud
P4	Water hardness	S1	Soft (< 1.5 mmol/l, < 8.4 °dH)
		S2	Medium (1.5 - 2.5 mmol/l, 8.4–14 °dH)
		S3	_
		S4	Hard (> 2.5 mmol/l, > 14 °dH)
P5	Temperature units	S1	°C
		S2	°F
P6	Pre-heating	S0	Pre-heating not activated
		S1	Pre-heating activated
P7	Keypad tone	S0	Off
		S1	On

## Notes on cleaning and care

Danger of injury!
The steam from a steam cleaning appliance could reach electrical components and cause a short circuit.

Do not use a steam cleaner to clean the steam oven.

Unsuitable cleaning agents can discolour and damage the surfaces of the appliance. Only use a solution of domestic washing-up liquid and warm water applied with a soft sponge or cloth.

All surfaces are susceptible to scratching. Scratches on glass surfaces may cause a breakage. Remove any cleaning agent residues immediately.

Do not use cleaning agents or washing-up liquids containing aliphatic hydrocarbons (e.g. methane, propane, hexane etc.) as these could cause the seals to swell. Disconnect the appliance from the electricity supply and allow it to cool down to a safe temperature before cleaning.

- The appliance and accessories should be cleaned and dried thoroughly after each use.
- Leave the appliance door open until the oven interior is completely dry.

If the appliance is not going to be used for a longer period of time, e.g. whilst on holiday, it should be thoroughly cleaned and dried beforehand to prevent the build-up of odours etc. After cleaning, leave the door open.

## 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,
- 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,
- stainless steel spiral pads,
- spot cleaning,
- oven cleaner.

## Appliance front and casing

Soiling that is left too long might become impossible to remove and could cause external surfaces to alter or discolour.

Remove any soiling immediately.

- Clean the front of the appliance and the casing with a solution of warm water and a little washing-up liquid applied with a clean sponge or cloth. You can also use a clean, damp microfibre cloth, such as the Original Miele all purpose microfibre cloth, without any cleaning product.
- Dry the front of the appliance and the casing after cleaning with a soft cloth.

### Oven compartment

When cleaning the back of the oven compartment, make sure that nothing gets caught behind the seals around the steam inlet and outlet. Otherwise the seals could get pushed into the back panel by mistake.

After prolonged use, the **floor heater** can become discoloured by drops of liquid.

- Please remove
- condensate using a sponge or absorbent cloth,
- light, greasy soiling with a sponge and a solution of washing-up liquid and hot water.
- After cleaning, wipe the surface with a damp cloth to remove any cleaning agent residues.
- Then dry the oven interior and the inside of the door with a cloth.

Replace the **door seal** with a new one if it becomes porous or brittle. Door seals can be ordered from Miele (see the end of this booklet for contact details).

### **Accessories**

All accessories are dishwasher-safe.

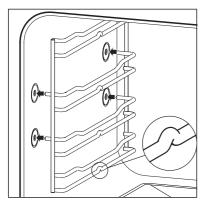
# Condensate tray and cooking containers

- Wash and dry the condensate tray and cooking containers after each use.
- Any bluish discolouration on the cooking containers can be removed with vinegar. Rinse afterwards with clean water.

### **Shelf runners**

The shelf runners are suitable for cleaning in a dishwasher.

- Pull the shelf runners off as shown.
- The shelf runners can be cleaned in the dishwasher or by hand with a solution of warm water and a little washing-up liquid applied with a clean sponge.



 Push the shelf runners firmly back in after cleaning.
 When putting them back in, make sure they are correctly inserted (see illustration).

If the shelf runners are not correctly inserted, there is no anti-tip protection. The temperature sensor could also be damaged when cooking containers are placed in the steam oven.

#### Water container

Do not immerse the water container in water or clean it in a dishwasher. For reasons of hygiene and to prevent the build-up of moisture in the appliance, the water container should be emptied after each use. Do not use scouring pads or hard brushes.

Remove, empty and dry the water container after each use.

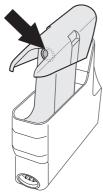


Release the insert by pushing the catches on the sides in towards each other and then pull it out of the container.



■ After cleaning, dry both parts of the insert thoroughly before refitting it in the water container. When refitting the insert, guide it in at an angle ① and then push it downwards ② as illustrated

#### Coupling seal



■ If, after prolonged use, the water container becomes difficult to remove and replace or the fault message F20 appears, rub a small amount of the silicone grease supplied (see "Overview - Accessories supplied") into the inside of the coupling seal.

Do not take the seal out to lubricate it.

Misuse of silicone grease!

Remove any silicone grease from your skin either by wiping it off or by washing it off.

If the grease gets into the eyes, it must be rinsed out with plenty of clean water.

If it is swallowed, seek medical advice.

The coupling seal should be replaced with a new one if it becomes brittle or porous or if an unusually large amount of water collects on the floor of the water container compartment. Coupling seals can be ordered from Miele (see the end of this booklet for contact details).

Only use the silicone grease supplied. On no account must margarine or oil or any other domestic grease or fat be used, as these can cause the seal to swell.

## **Descaling**

We recommend using Miele descaling tablets (see "Optional accessories"). These have been specially developed for use with Miele appliances to optimise the descaling process. Alternatively, you can use a proprietary citric acid based descaling agent.

Descaling solution is acidic.

Do not spill descaling agent onto metal surfaces. This can cause marks to appear.

However, should any descaling agent get onto these surfaces, wipe it away immediately.

The appliance needs to be descaled after a certain number of operating hours. When it needs descaling, the symbol and a number will appear in the display when the appliance is switched on. The number indicates the number of times that the appliance can be used before it has to be descaled.



The appliance will lock after the last remaining cooking process.

We recommend that you descale the appliance before it locks out.

During the descaling process the water container must be emptied, rinsed out and refilled with fresh water.



- Touch the On/Off sensor ① until a tone sounds and the flashing ⇒ symbol and the duration 0:22 h appear in the display.
- Fill the water container with 1 litre of fresh tap water and drop the required number of Miele descaling tablets in it.
- Push the water container into the appliance until it connects.
- Confirm with OK.



The colon will flash and the ⋈ symbol will now light up constantly in the display. Descaling will now begin.

It is only possible to cancel the descaling process during the first minute. Do not switch the appliance off during the descaling process. If it is switched off before the end of the process, the whole process will have to be started from the beginning again.



An audible tone will sound and the  $\stackrel{\sim}{\to}$  symbol will flash in the display approx. 10 minutes before the end of the descaling process.

- Remove the water container and take the insert out.
- Empty the water container.
- Rinse the water container and the insert thoroughly.
- Fill the water container with 1 litre of fresh tap water and fit the insert in the container.
- Push the water container into the appliance until it connects.

The flashing ¬ symbol will go out and the S symbol will start flashing.

Confirm with OK.

The colon will flash and the ⋈ symbol will now light up constantly in the display. Descaling will now continue.

An audible tone will sound when the descaling process has been completed.

#### After descaling

- Switch the steam oven off.
- Remove, empty and dry the water container.
- Let the oven cavity cool down.
- Then dry the oven compartment.
- Leave the appliance 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 steam oven yourself.

Problem	Possible cause and remedy	
You cannot switch the appliance on.	The circuit breaker is defective or has tripped.  Reset or replace the circuit breaker (see data plate for minimum fuse rating).	
	<ul> <li>There may be a technical fault.</li> <li>Disconnect the appliance from the mains connection for approx. 1 minute:         <ul> <li>switch off at the wall socket and withdraw the plug, or</li> <li>switch off the mains circuit breaker.</li> </ul> </li> <li>Reset the trip switch in the mains fuse box, and switch the appliance back on. If it still will not switch on, contact a qualified electrician or Miele.</li> </ul>	
The steam oven does not heat up.	Demo mode has been activated. dEND appears in the display.  The steam oven can be operated but does not heat up.  ■ Deactivate Demo mode (see "Settings – P ≥").  The use of a warming drawer installed below the steam oven has heated up the oven cavity.  ■ Open the steam oven door to let the oven cavity	
The \$\mathrm{S}\$ symbol and a number between \$\beta\$ and \$\beta\$0 appear in the display. \$\text{0:22}\$ \$h\$ and \$\mathrm{S}\$ are flashing.	cool down.  The appliance needs to be descaled.  Proceed as described in "Cleaning and care - Descaling".	

# Problem solving guide

Problem	Possible cause and remedy
The fan can still be heard after the appliance has been switched off.	The fan is still running. The appliance is fitted with a fan which removes steam from the oven. The fan will continue to run for a while after the appliance has been switched off. It will switch itself off automatically after a while.
The water container has become harder to put into the appliance and take out again.	The coupling seal in the water container has become stiff.  Lightly lubricate the coupling seal on the water container with silicone grease, as described in "Cleaning and care - Water container".
After moving house the appliance no longer switches from the heating-up phase to the cooking phase.	Altitude affects the boiling point of water. If you move house, the appliance will need to be reset for the new altitude if this differs from the old one by more than 300 m.  To adjust the boiling temperature, you need to descale the appliance (see "Cleaning and care - Descaling").
During operation an unusually large amount of steam escapes or steam escapes from parts of the steam oven where it does not usually.	The door is not properly closed.  ■ Close the door.  The door seal is not correctly fitted.  ■ If necessary, press it in all the way round the door to make sure it is fitted evenly.  The door seal is damaged, e.g. cracked.  ■ Replace the door seal. This can be ordered from Miele.
After a period of time, the door makes a noise when it is opened and closed.	The door has become stiff.  Lubricate the hinges with the silicone grease supplied.
The <sup>△</sup> symbol appears in the display and an audible tone may sound.	<ul> <li>The water container has not been pushed into the appliance properly.</li> <li>Remove the water container and push it back in so that it connects.</li> <li>There is not enough water in the water container. The water level must be between the two marks.</li> <li>Fill the water container</li> </ul>

# **Problem solving guide**

Problem	Possible cause and remedy		
The heating-up phase lasts an unusually long time.	<ul> <li>The water container has a lot of limescale built-up in it because the appliance was not set correctly for the hardness of the local water supply.</li> <li>Set the correct water hardness level for your water supply (see "Settings).</li> <li>Proceed as described in "Cleaning and care - Descaling".</li> <li>If the water hardness level was in fact set correctly or the problem occurs again, contact Miele.</li> </ul>		
F05 F06	Technical fault.  Switch the appliance off and call Miele.		
F20	<ul> <li>The water container has not been pushed into the appliance properly.</li> <li>Remove the water container and push it back in so that it connects.</li> <li>Switch the steam oven off and then back on again.</li> <li>The coupling seal in the water container is stiff.</li> <li>Lightly lubricate the coupling seal on the water container with silicone grease, as described in "Cleaning and care - Water container".</li> </ul>		

# **Optional accessories**

Miele offers a range of useful accessories, as well as cleaning and conditioning products for your appliance.

These products can be ordered from the Miele online shop.

They can also be ordered directly from Miele (see end of this booklet for contact details).

# **Cooking containers**

There is a wide range of perforated and solid cooking containers available in different sizes:

#### DGGL 1



Perforated cooking container Gross capacity 1.5 litres / Useable capacity 0.9 litre 325 x 175 x 40 mm (W x D x H)

#### **DGG 2**



Solid cooking container Gross capacity 2.5 litres / Useable capacity 2.0 litres 325 x 175 x 65 mm (W x D x H)

#### DGG 3



Solid cooking container Gross capacity 4.0 litres / Useable capacity 3.1 litres 325 x 265 x 65 mm (W x D x H)

# **Optional accessories**

#### DGGL 4



Perforated cooking container Gross capacity 4.0 litres / Useable capacity 3.1 litres 325 x 265 x 65 mm (W x D x H)

#### DGGL 5



Perforated cooking container Gross capacity 2.5 litres / Useable capacity 2.0 litres 325 x 175 x 65 mm (W x D x H)

#### DGGL 6



Perforated cooking container Gross capacity 4.0 litres / Useable capacity 2.8 litres 325 x 175 x 100 mm (W x D x H)

#### **DGG** 7



Solid cooking container Gross capacity 4.0 litres / Useable capacity 2.8 litres 325 x 175 x 100 mm (W x D x H)

#### DGGL8



Perforated cooking container Gross capacity 2.0 litres / Useable capacity 1.7 litres 325 x 265 x 40 mm (W x D x H)

## Lid for cooking containers

#### **DGD 1/3**



Lid for 325 x 175 mm cooking containers

#### **DGD 1/2**



Lid for 325 x 265 mm cooking containers

# **Optional accessories**

## Cleaning and care products

### **Descaling tablets (Qty 6)**



For descaling the appliance

# Original Miele all purpose microfibre cloth



Removes finger marks and light soiling.

### Silicone grease



For lubricating the coupling seal on the water container

## Other accessories

#### **DGG 15**



Condensate tray for catching excess moisture, can also be used as a cooking container.

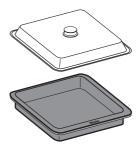
325 x 265 x 40 mm (W x D x H)

## Multi-purpose casserole dish

Die-cast aluminium casserole dish with non-stick surface and stainless steel lid. Also suitable for use on an extended zone of induction cooktops and in all Miele ovens.

Not suitable for use on gas cooktops.

#### KMB 5000-S



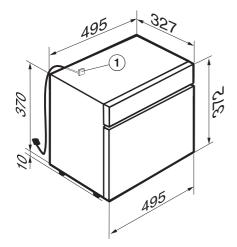
Maximum capacity approx. 2.5 kg 325 x 260 x 60 mm (W x D x H)

This appliance is supplied with a mains cable and moulded plug ready for connection to a single phase supply.

Voltage and frequency: 230 V, 50 Hz

Rated load: 2.2 kW

Weight: 19.3 kg



1 Inlet for mains connection cable to the appliance

Dimensions (H x W x D):

- Appliance: see illustration

 Cooking compartment: 240 x 335 x 275 mm

# After sales service, data plate, warranty

## After sales service

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

See back of this booklet for contact details.

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

# **Data plate**

that the model number is the same as the one on the back of these operating instructions.

# Warranty

The manufacturer's warranty for this appliance is 2 years.

For further information, please refer to your warranty booklet.

## Miele Australia Pty. Ltd.

ACN 005 635 398 ABN 96 005 635 398

# Miele Experience Centre and Head Office Melbourne:

1 Gilbert Park Drive Knoxfield, VIC 3180

## Miele Experience Centre South Melbourne:

206-210 Coventry Street South Melbourne, VIC 3205

## Miele Experience Centre and Office Sydney:

3 Skyline Place Frenchs Forest, NSW 2086

### Miele Experience Centre and Office Brisbane:

39 Harvey Street North Eagle Farm, QLD 4009

### Miele Experience Centre Gold Coast:

131 Ferry Road Southport, QLD 4215

### Miele Experience Centre and Office Adelaide:

83-85 Sir Donald Bradman Drive Hilton, SA 5033

## Miele Experience Centre and Office Perth:

205-207 Stirling Highway Claremont, WA 6010



www.miele.com.au



### Miele New Zealand Limited

IRD 98 463 631

#### Head Office:

Level 2, 10 College Hill Freemans Bay, Auckland 1011

# Miele Experience Centre Auckland:

8 College Hill Freemans Bay, Auckland 1011 Telephone: 0800 464 353 (0800 4 MIELE) www.miele.co.nz

# Miele Global Headquarters Germany

Miele & Cie. KG

Carl-Miele-Straße 29 33332 Gütersloh Federal Republic of Germany



DG 6010



en-AU, NZ

M.-Nr. 09 651 750 / 04