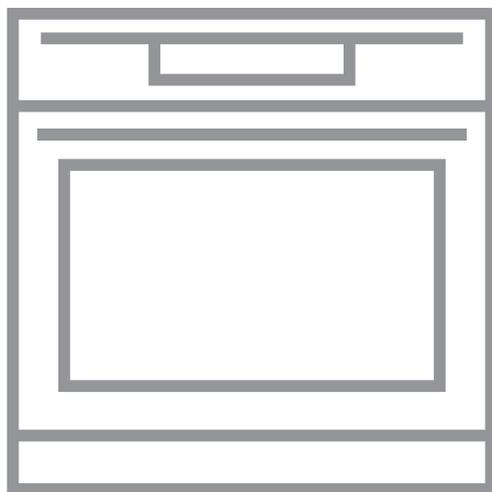


▶ BSE882220M  
BSK882220M

EN User Manual  
Steam oven

# USER MANUAL



**AEG**

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## FOR PERFECT RESULTS

Thank you for choosing this AEG product. We have created it to give you impeccable performance for many years, with innovative technologies that help make life simpler - features you might not find on ordinary appliances. Please spend a few minutes reading to get the very best from it.

Visit our website for:



Get usage advice, brochures, trouble shooter, service information:

**[www.aeg.com/webselfservice](http://www.aeg.com/webselfservice)**



Register your product for better service:

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Buy Accessories, Consumables and Original spare parts for your appliance:

**[www.aeg.com/shop](http://www.aeg.com/shop)**

## CUSTOMER CARE AND SERVICE

Always use original spare parts.

When contacting our Authorised Service Centre, ensure that you have the following data available: Model, PNC, Serial Number.

The information can be found on the rating plate.

 Warning / Caution-Safety information

 General information and tips

 Environmental information

Subject to change without notice.

### 1. SAFETY INFORMATION

Before the installation and use of the appliance, carefully read the supplied instructions. The

manufacturer is not responsible for any injuries or damage that are the result of incorrect installation or usage. Always keep the instructions in a safe and accessible location for future reference.

## 1.1 Children and vulnerable people safety

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved.
- Children between 3 and 8 years of age and persons with very extensive and complex disabilities shall be kept away from the appliance unless continuously supervised.
- Children of less than 3 years of age should be kept away from the appliance unless continuously supervised.
- Do not let children play with the appliance.
- Keep all packaging away from children and dispose of it appropriately.
- Keep children and pets away from the appliance when it operates or when it cools down. Accessible parts may become hot during use.
- If the appliance has a child safety device, it should be activated.
- Children shall not carry out cleaning and user maintenance of the appliance without supervision.

## 1.2 General Safety

- Only a qualified person must install this appliance and replace the cable.
- **WARNING:** The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements.
- Always use oven gloves to remove or put in accessories or ovenware.

- Before carrying out any maintenance, disconnect the appliance from the power supply.
- **WARNING:** Ensure that the appliance is switched off before replacing the lamp to avoid the possibility of electric shock.
- Do not use the appliance before installing it in the built-in structure.
- Do not use a steam cleaner to clean the appliance.
- Do not use harsh abrasive cleaners or sharp metal scrapers to clean the glass door since they can scratch the surface, which may result in shattering of the glass.
- If the mains power supply cable is damaged, it must be replaced by the manufacturer, its Authorised Service Centre or similarly qualified persons to avoid an electrical hazard.
- To remove the shelf supports first pull the front of the shelf support and then the rear end away from the side walls. Install the shelf supports in the opposite sequence.
- Use only the food sensor (core temperature sensor) recommended for this appliance.

## 2. SAFETY INSTRUCTIONS

### 2.1 Installation



#### **WARNING!**

Only a qualified person must install this appliance.

- Remove all the packaging.
- Do not install or use a damaged appliance.
- Follow the installation instructions supplied with the appliance.
- Always take care when moving the appliance as it is heavy. Always use safety gloves and enclosed footwear.
- Do not pull the appliance by the handle.
- Install the appliance in a safe and suitable place that meets installation requirements.
- Keep the minimum distance from other appliances and units.
- Before mounting the appliance, check if the oven door opens without restraint.
- The appliance is equipped with an electric cooling system. It must be operated with the electric power supply.
- The built-in unit must meet the stability requirements of DIN 68930.

Cabinet minimum height (Cabinet under the worktop minimum height)	600 (600) mm
Cabinet width	550 mm
Cabinet depth	605 (580) mm
Height of the front of the appliance	594 mm

Height of the back of the appliance	576 mm
Width of the front of the appliance	549 mm
Width of the back of the appliance	548 mm
Depth of the appliance	567 mm
Built in depth of the appliance	546 mm
Depth with open door	1017 mm
Ventilation opening minimum size. Opening placed on the bottom rear side	550 x 20 mm
Mains supply cable length. Cable is placed in the right corner of the back side	1500 mm
Mounting screws	4 x 12 mm

## 2.2 Electrical connection



### **WARNING!**

Risk of fire and electric shock.

- All electrical connections should be made by a qualified electrician.
- The appliance must be earthed.
- Make sure that the parameters on the rating plate are compatible with the electrical ratings of the mains power supply.
- Always use a correctly installed shockproof socket.
- Do not use multi-plug adapters and extension cables.
- Make sure not to cause damage to the mains plug and to the mains cable. Should the mains cable need to be replaced, this must be carried out by our Authorised Service Centre.
- Do not let mains cables touch or come near the appliance door or the

niche below the appliance, especially when it operates or the door is hot.

- The shock protection of live and insulated parts must be fastened in such a way that it cannot be removed without tools.
- Connect the mains plug to the mains socket only at the end of the installation. Make sure that there is access to the mains plug after the installation.
- If the mains socket is loose, do not connect the mains plug.
- Do not pull the mains cable to disconnect the appliance. Always pull the mains plug.
- Use only correct isolation devices: line protecting cut-outs, fuses (screw type fuses removed from the holder), earth leakage trips and contactors.
- The electrical installation must have an isolation device which lets you disconnect the appliance from the mains at all poles. The isolation device must have a contact opening width of minimum 3 mm.
- This appliance is supplied with a main plug and a main cable.

## 2.3 Use



### **WARNING!**

Risk of injury, burns and electric shock or explosion.

- This appliance is for household use only.
- Do not change the specification of this appliance.
- Make sure that the ventilation openings are not blocked.
- Do not let the appliance stay unattended during operation.
- Deactivate the appliance after each use.
- Be careful when you open the appliance door while the appliance is in operation. Hot air can release.
- Do not operate the appliance with wet hands or when it has contact with water.
- Do not apply pressure on the open door.
- Do not use the appliance as a work surface or as a storage surface.

- Open the appliance door carefully. The use of ingredients with alcohol can cause a mixture of alcohol and air.
- Do not let sparks or open flames to come in contact with the appliance when you open the door.
- Do not put flammable products or items that are wet with flammable products in, near or on the appliance.

**WARNING!**

Risk of damage to the appliance.

- To prevent damage or discoloration to the enamel:
  - do not put ovenware or other objects in the appliance directly on the bottom.
  - do not put aluminium foil directly on the bottom of cavity of the appliance.
  - do not put water directly into the hot appliance.
  - do not keep moist dishes and food in the appliance after you finish the cooking.
  - be careful when you remove or install the accessories.
- Discoloration of the enamel or stainless steel has no effect on the performance of the appliance.
- Use a deep pan for moist cakes. Fruit juices cause stains that can be permanent.
- This appliance is for cooking purposes only. It must not be used for other purposes, for example room heating.
- Always cook with the oven door closed.
- If the appliance is installed behind a furniture panel (e.g. a door) make sure the door is never closed when the appliance is in operation. Heat and moisture can build up behind a closed furniture panel and cause subsequent damage to the appliance, the housing unit or the floor. Do not close the furniture panel until the appliance has cooled down completely after use.

## 2.4 Care and cleaning

**WARNING!**

Risk of injury, fire, or damage to the appliance.

- Before maintenance, deactivate the appliance and disconnect the mains plug from the mains socket.
- Make sure the appliance is cold. There is the risk that the glass panels can break.
- Replace immediately the door glass panels when they are damaged. Contact the Authorised Service Centre.
- Clean regularly the appliance to prevent the deterioration of the surface material.
- Clean the appliance with a moist soft cloth. Use only neutral detergents. Do not use abrasive products, abrasive cleaning pads, solvents or metal objects.
- If you use an oven spray, follow the safety instruction on it's packaging.
- Do not clean the catalytic enamel (if applicable) with detergents.

## 2.5 Steam Cooking

**WARNING!**

Risk of burns and damage to the appliance.

- Released Steam can cause burns:
  - Be careful when you open the appliance door when the function is activated. Steam can release.
  - Open the appliance door with care after the steam cooking operation.

## 2.6 Internal lighting

**WARNING!**

Risk of electric shock.

- The type of light bulb or halogen lamp used for this appliance is for household appliances only. Do not use it for house lighting.
- Before replacing the lamp, disconnect the appliance from the power supply.
- Use only lamps with the same specifications.

## 2.7 Service

- To repair the appliance contact the Authorised Service Centre.
- Use original spare parts only.

## 2.8 Disposal



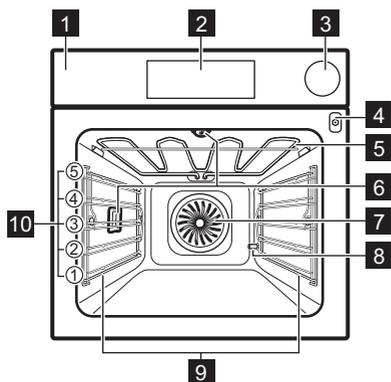
### WARNING!

Risk of injury or suffocation.

- Disconnect the appliance from the mains supply.
- Cut off the mains electrical cable close to the appliance and dispose of it.
- Remove the door catch to prevent children or pets from becoming trapped in the appliance.

# 3. PRODUCT DESCRIPTION

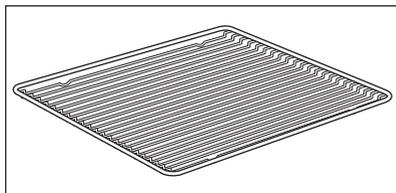
## 3.1 General overview



- 1 Control panel
- 2 Electronic programmer
- 3 Water drawer
- 4 Socket for the food sensor
- 5 Heating element
- 6 Lamp
- 7 Fan
- 8 Descaling pipe outlet
- 9 Shelf support, removable
- 10 Shelf positions

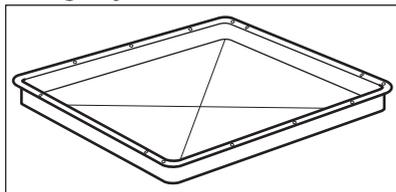
## 3.2 Accessories

### Wire shelf



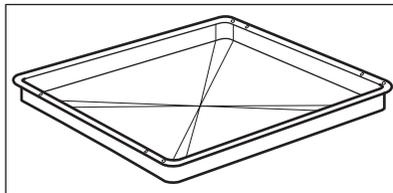
For cookware, cake tins, roasts.

### Baking tray



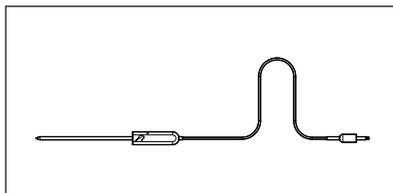
For cakes and biscuits.

### Grill- / Roasting pan



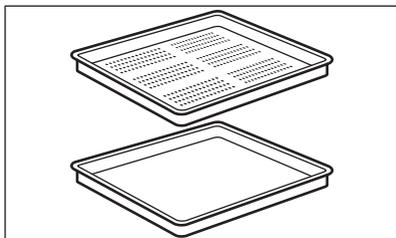
To bake and roast or as a pan to collect fat.

### Food Sensor



To measure the temperature inside food.

### Steam set

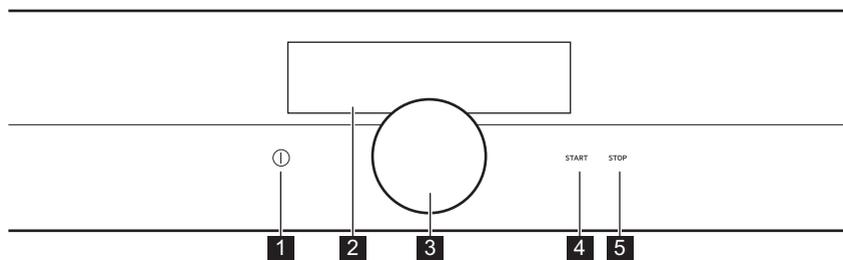


One unperforated and one perforated food container.

The steam set drains the condensing water away from the food during steam cooking. Use it to prepare vegetables, fish, chicken breast. The set is not suitable for food that needs to soak in the water e.g. rice, polenta, pasta.

## 4. OPERATING THE APPLIANCE

### 4.1 Control panel



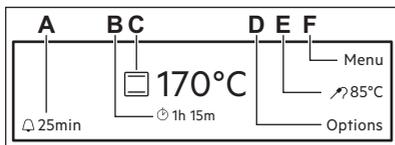
Function	Comment
<b>1</b> On / Off	To turn the appliance on and off.
<b>2</b> Display	Shows the current settings of the appliance.
<b>3</b> Rotary knob	To adjust the settings and navigate through the menu. Press <b>1</b> to turn the appliance on. Hold the rotary knob to turn on the setting screen. Hold and turn the rotary knob to navigate through the menu. Hold and press the rotary knob to confirm a setting or enter the selected submenu. To return to the previous menu find the option Back in the menu list or confirm a selected setting.
<b>4</b> START	To turn on selected function.
<b>5</b> STOP	To turn off selected function.

### 4.2 Display

After turning on, the display shows the heating function mode.



The display with maximum number of functions set:



- A. Reminder
- B. Up Timer
- C. Heating function and temperature
- D. Options or Time of Day
- E. Duration time and End time of a function or Food Sensor
- F. Menu

## 5. BEFORE FIRST USE



**WARNING!**  
Refer to Safety chapters.

### 5.1 Initial Cleaning

Remove all accessories and removable shelf supports from the oven.

Refer to "Care and cleaning" chapter.

Clean the oven and the accessories before the first use.

Put the accessories and the removable shelf supports back to their initial position.

### 5.2 First Connection

After the first connection the software version will appear for 7 seconds.

You have to set the language, the Display Brightness, Water hardness and the Time of Day.

### 5.3 Setting the water hardness

When you connect the oven to the mains you have to set the water hardness level.

The table below shows the water hardness range (dH) with the corresponding Calcium deposit and the quality of the water.

Water hardness		Calcium deposit (mmol/l)	Calcium deposit (mg/l)	Water classification
Class	dH			
1	0 - 7	0 - 1.3	0 - 50	Soft
2	7 - 14	1.3 - 2.5	50 - 100	Moderately hard
3	14 - 21	2.5 - 3.8	100 - 150	Hard
4	over 21	over 3.8	over 150	Very hard

When the water hardness exceeds the values in the table, fill the water drawer with bottled water.

1. Take the 4 colour change strip supplied with the steam set in the oven.
2. Put all the reaction zones of the strip into the water for approximately 1 second.

Do not put the strip into the running water.

3. Shake the strip to remove the excess of the water.
4. Wait 1 minute and check the water hardness with the table below. The colours of the reaction zones continue to change. Do not check the water hardness later than 1 minute after test.

5. Set the water hardness: menu: Basic Settings.

Test strip	Water hardness
	1
	2

Test strip	Water hardness
	3
	4

You can change the water hardness in the menu: Basic Settings / Setup / Water hardness.

## 6. DAILY USE



### WARNING!

Refer to Safety chapters.

### 6.1 Heating Functions

Turning the heating functions on and off.

1. Turn on the oven.
2. Hold the rotary knob.  
The last used function is underlined.
3. Press the rotary knob to enter the submenu and turn it to select a heating function.
4. Press the rotary knob to confirm.

5. Set the temperature and confirm.
6. Press **START**. Food Sensor can be plugged at any time before or during cooking process. Some functions contain a sequence of pop-ups. Press the rotary knob to go to the next pop-up. After the last confirmation the function starts.

To turn off a function press **STOP**.



The lamp may turn off automatically at a temperature below 60 °C during some oven functions.

### Heating Functions: Specials

Heating function	Application
Slow Cooking	To prepare tender, succulent roasts.
Keep Warm	To keep food warm.
Plate Warming	To preheat plates for serving.
Preserving	To make vegetable preserves (e.g. pickles).
Drying	To dry sliced fruit, vegetables and mushrooms.
Defrost	To defrost food (vegetables and fruit). The defrosting time depends on the amount and size of the frozen food.

Heating function	Application
 Au Gratin	For dishes such as lasagna or potato gratin. To make gratins and to brown.

## Heating functions: Standard

Heating function	Application
 True Fan Cooking	To bake on up to three shelf positions at the same time and to dry food. Set the temperature 20 - 40 °C lower than for the function: Conventional Cooking.
 True Fan + Bottom	To bake food on one shelf position for a more intensive browning and a crispy bottom. Set the temperature 20 - 40 °C lower than for the function: Conventional Cooking.
 Conventional Cooking	To bake and roast food on one shelf position.
 Bottom + Grill + Fan	To make convenience food (e.g. french fries, potato wedges or spring rolls) crispy.
 Grill	To grill flat food and to toast bread.
 Grill + Fan	To roast larger meat joints or poultry with bones on one shelf position. To make gratins and to brown.
 Bottom Heat	To bake cakes with crispy bottom and to preserve food.
 Moist Fan Baking	This function is designed to save energy during cooking. For the cooking instructions refer to "Hints and tips" chapter, Moist Fan Baking. The oven door should be closed during cooking so that the function is not interrupted and to ensure that the oven operates with the highest energy efficiency possible. When you use this function, the temperature in the cavity may differ from the set temperature. The residual heat is used. The heating power may be reduced. For general energy saving recommendations refer to "Energy Efficiency" chapter, Energy Saving. This function was used to comply with the energy efficiency class according to EN 60350-1. When you use this function the lamp automatically turns off after 30 seconds.

## Heating functions: Steam

Heating function	Application
 Full Steam	For steaming vegetables, side dishes or fish.
 Humidity High	The function is suitable for cooking delicate dishes like custards, flans, terrines and fish.
 Humidity Low	The function is suitable for meat, poultry, oven dishes and casseroles. Thanks to the combination of steam and heat, meat gets a tender and juicy texture along with a crusty surface.
 Steam Regenerating	Food reheating with steam prevents surface drying. Heat is distributed in a gentle and even way, which allows to recover taste and aroma of food as just prepared. This function can be used to re-heat food directly on a plate. You can reheat more than one plate at the same time, using different shelf positions.
 Bread Baking	Use this function to prepare bread and bread rolls with a very good professional-like result in terms of crispiness, colour and crust gloss.
 Dough Proving	To speed up the rising of the yeast dough. It prevents dough surface from drying and keeps the dough elastic.

### Steam cooking

The water drawer cover is in the control panel.



#### WARNING!

Use only cold tap water. Do not use filtered (demineralised) or distilled water. Do not use other liquids. Do not put flammable or alcoholic liquids into the water drawer.

1. Press the cover of the water drawer to open it.
2. Fill the water drawer with cold water to the maximum level (around 950 ml) until the signal sounds or the display shows the message. The water supply is sufficient for approximately 50 minutes. Do not fill the water drawer over its maximum

capacity. There is a risk of water leakage, overflow and furniture damages.

3. Push the water drawer to its initial position.
4. Turn on the oven.
5. Set a steam heating function and the temperature.
6. If necessary, set the function:

Duration  $\rightarrow$  | or: End Time  $\rightarrow$  |.

The steam appears after approximately 2 minutes. When the oven reaches the set temperature, the signal sounds.

When the water drawer is running out of water, the signal sounds and the water drawer needs to be refilled to continue the steam cooking as described above.

The signal sounds at the end of the cooking time.

7. Turn off the oven.

8. Empty the water drawer after the steam cooking is completed. Refer to the cleaning function: Tank emptying.

**CAUTION!**

The oven is hot. There is a risk of burns.

9. After Steam Cooking steam can condensate on the bottom of the cavity. Always dry the bottom of the cavity when the oven is cool.

Let the oven dry fully with the door open. To speed up the drying you can close

the door and heat up the oven with the function: True Fan Cooking at temperature 150°C for approximately 15 minutes.

## 6.2 Menu - overview



Menu

Menu item	Application
Assisted Cooking	Contains a list of automatic programmes.
Cleaning	Contains a list of cleaning programmes.
Basic Settings	Used to set the appliance configuration.

### Submenu for: Cleaning

Submenu	Description
Steam Cleaning	Procedure for cleaning the appliance when it is slightly soiled and not burned several times.
Steam Cleaning Plus	Procedure for cleaning stubborn dirt with the support of an oven cleaner.
Descaling	Procedure for cleaning the steam generation circuit from residual limestone.
Rinsing	Procedure for rinsing and cleaning the steam generation circuit after frequent use of the steam functions.
Tank emptying	Procedure for removing the residual water from the water drawer after use of the steam functions.

### Submenu for: Basic Settings

Submenu	Description
Child Lock	When the Child Lock is on, the oven cannot be activated accidentally. You can activate and deactivate this function via Basic Setting Menu. Once activated, Child Lock appears on the display when you turn on the oven. To enable the oven use, choose the code letters with the rotary knob in the following order: A B C.

Submenu	Description
Fast Heat Up	Decreases heat up time as a default. Note that it is available only for some of the heating functions.
Heat + Hold	Keeps the prepared food warm for 30 minutes after a cooking is finished. To turn it off earlier press the rotary knob. When this function is active the message "Keep warm started" appears on the display. Note that it is available only for some of the heating functions and if Duration is set.
Time Extension	To extend predefined cooking time. Note that it is available only for some of the heating functions.
Setup	To set the oven configuration.
Service	Shows the software version and configuration.

### Submenu for: Setup

Submenu	Description
Language	Sets the language for the display.
Time of Day	Sets the current time and date.
Key Tones	Activates and deactivates the tone of the touch fields. It is not possible to deactivate the tone of the ON / OFF and STOP.
Alarm/Error Tones	Activates and deactivates the alarm tones.
Buzzer Volume	Adjusts the volume of press-tones and signals by degrees.
Display Brightness	Adjusts the display brightness by degrees.
Water hardness	Sets the water hardness.

### Submenu for: Service

Submenu	Description
DEMO	Activation / deactivation code: 2468
Show Licenses	Information about licenses.
Show Software Version	Information about software version.
Factory Settings	Reset to factory settings.

## Submenu for: Assisted Cooking

Every dish in this submenu has a proposed function and temperature. Those parameters can be adjusted manually according to the user's preference.

For some of the dishes You can also choose way of cooking:

- Weight Automatic
- Food Sensor

The level to which a dish is cooked:

- Rare or Less
- Medium
- Well done or More

Food Category: Meat and Fish

Meat		
Beef	Sirloin	
	Roast	
	Prime boiled beef	
	Meatloaf	
	Scandinavian beef	
Pork	Tenderloin	Fresh
		Smoked
	Roast	
	Ham	Roasted
		Steamed
	Knuckle	
	Ribs	
Sausages		
Veal	Tenderloin	
	Roast	
	Knuckle	
Lamb	Roast	
	Saddle	
	Leg	

Meat		
Game	Venison	Saddle
		Haunch
	Hare	Saddle
		Leg

Poultry		
Chicken		Whole
		Half
		Breast
		Legs
		Wings
Duck		
Goose		
Turkey		Whole
		Breast

Fish		
Whole fish	small	Roasted
		Steamed
	Medium	Roasted
		Steamed
	large	Roasted
		Steamed
Fillets	Thin	
	Thick	
Fish bakes		
Fish fingers		
Seafood		
Prawns		
Mussels		

## Food Category: Side / Oven dishes

Dishes		
Side dishes	Potatoes Fresh	Whole
		Quarter
	Potatoes Frozen	French fries
		Croquettes
		Wedges
		Hash browns
	Rice	
	Pasta, fresh	
	Polenta	
	Dumplings	Potato dumplings
Yeast dumplings		
Oven dishes	Lasagne	
	Potato gratin	
	Pasta bake	
	Vegetables au gratin	
	Casserole, savoury	
	Casserole, vegetable	
Legumes and grains		
Terrines		
Eggs	Soft boiled	
	Medium boiled	
	Hard boiled	
	Eggs, baked	

## Food Category: Savoury baking

Dish			
Pizza	Fresh	Thin	
		Thick	
	Frozen	Thin	
		Thick	
		Snacks	
Chilled			
Quiche	Thin		
	Thick		
Bread	Fresh	Baguette	
		Ciabatta	
		White bread	
		Dark bread	
		Rye bread	
		Whole grain bread	
	Frozen	Unleavened bread	
		Bread crown	
		Yeast plait	
	Pre-baked	Baguette	
		Bread	
	Rolls	Fresh	
		Frozen	
Pre-baked			

## Food Category: Desserts / Baking

Dish		
Cake in tin	Almond cake	
	Apple pie	
	Brioche	
	Cheesecake	
	Apple cake, covered	
	Short pastry base	
	Sponge flan base	
	Madeira cake	
	Ring cake	
	Sponge cake	
	Tarts	
	Cake in tray	Apple strudel, frozen
		Brownies
Cheesecake		
Christmas stollen		
Crumble cake		
Fruit flan		Short pastry
		Sponge dough
		Yeast dough
Sponge cake		
Sugar cake		
Swiss roll		
Swiss Tarte, sweet		
Yeast cake		

Dish	
Small pastry	Cakes, small
	Cream puffs
	Eclairs
	Macaroons
	Muffins
	Pastry strips
	Puff pastry
	Short pastry biscuits
Flan	
Custard	
Casserole, sweet	
Yeast dumplings	

## Food Category: Vegetables

Dish	
Artichokes	
Asparagus, green	
Asparagus, white	
Beetroot	
Black salsify	
Broccoli	Florets
	Whole
Brussels sprouts	
Cabbage turnip	
Carrots	
Cauliflower	Florets
	Whole
Celery	
Courgette slices	

Dish
Eggplant
Fennel
Green beans
Leek rings
Mushroom slices
Peas
Pepper

Dish
Savoy cabbage
Spinach, fresh
Tomatoes

## 6.3 Options



Options	Description
Timer Settings	Contains a list of clock functions.
Fast Heat Up	To decrease heat up time in the currently running heating function. On / Off
Set + Go	To set a function and turn it on later. Once set, the message "Set&Go active" appears on the display. Press Start to turn it on. When this function is active the message disappears from the display and the oven starts to work. Note that it is available only for some of the heating functions and if Duration / End Time is set.

## 6.4 Residual heat

When you turn off the oven, the display shows the residual heat. You can use the heat to keep the food warm.

# 7. CLOCK FUNCTIONS

## 7.1 Timer Settings

Clock function	Application
 Up Timer	Automatically monitors how long the function operates. The visibility of the Up Timer can be turned on and off.
 Duration	To set the length of an operation. <sup>1)</sup>

Clock function	Application
 End Time	To set the switch-off time for a heating function. This option is available only when the Duration is set. Use the functions Duration and End Time at the same time to automatically turn on and off the oven on a given time later. <sup>1)</sup>
 Reminder	To set a countdown. <sup>1)</sup> This function has no effect on the operation of the oven. Choose  and set the time. When the time ends the signal sounds. Press the rotary knob to stop the signal. When the oven is turned off press the rotary knob to turn on this function.

<sup>1)</sup> Maximum 23 h 59 min

## 8. USING THE ACCESSORIES



**WARNING!**  
Refer to Safety chapters.



**WARNING!**  
Refer to "Hints and tips" chapter.

### 8.1 Food Sensor

Food Sensor measures temperature inside the food. When the food is at the set temperature, the appliance deactivates.

There are two temperatures to be set:

- the oven temperature (minimum 120 °C),
- the food core temperature.



**CAUTION!**  
Use only the accessory supplied and the original replacement parts.

Directions for the best results:

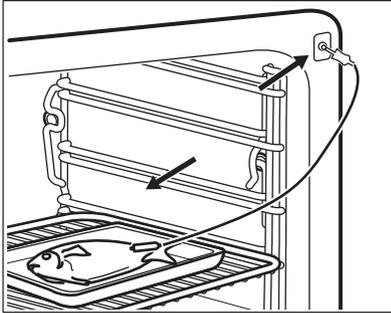
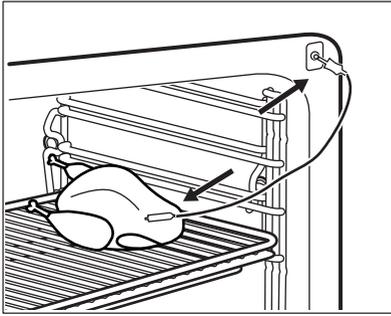
- Ingredients should be at room temperature.
- The Food Sensor cannot be used for liquid dishes.
- During cooking the Food Sensor must remain in the dish and the plug in the socket.
- Use recommended food core temperature settings.



The appliance calculates an approximate end of cooking time. It depends on the quantity of food, the set oven function and temperature.

### Food categories: meat, poultry and fish

1. Activate the oven.
2. Insert the tip of the Food Sensor into the centre of meat or fish, in the thickest part if possible. Make sure that at least 3/4 of the Food Sensor is inside of the dish.
3. Put the plug of the Food Sensor into the socket at the front of the oven.



The display shows: Food Sensor.

4. Set the core temperature.
5. Set a heating function and, if necessary, the oven temperature.

When the dish reaches the set temperature the signal sounds. The oven turns off automatically.

6. Press the rotary knob to stop the signal.
7. Remove the Food Sensor plug from the socket and remove the dish from the oven.



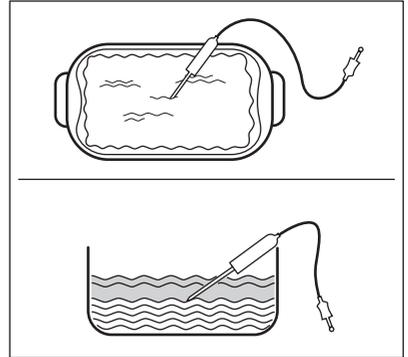
#### **WARNING!**

There is a risk of burns as the Food Sensor becomes hot. Be careful when you unplug it and remove it from the food.

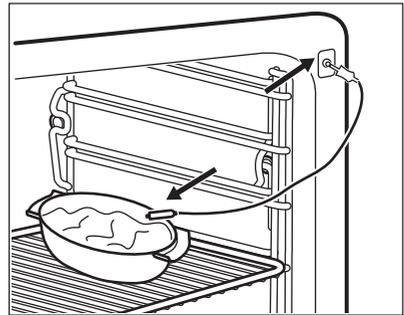
### **Food category: casserole**

1. Activate the oven.
2. Place half of the ingredients in a baking dish.
3. Insert the tip of the Food Sensor exactly in the centre of the casserole. The Food Sensor should be stabilized in one place during baking. Use a solid ingredient to achieve

that. Use the rim of the baking dish to support the silicone handle of the Food Sensor. The tip of the Food Sensor should not touch the bottom of a baking dish.



4. Cover the Food Sensor with the remaining ingredients.
5. Put the plug of the Food Sensor into the socket at the front of the oven.



The display shows: Food Sensor.

6. Set the core temperature.
7. Set a heating function and, if necessary, the oven temperature. When the dish reaches the set temperature, an acoustic signal sounds. The oven turns off automatically.
8. Press the rotary knob to stop the signal.
9. Remove the Food Sensor plug from the socket and remove the dish from the oven.



**WARNING!**

There is a risk of burns as the Food Sensor becomes hot. Be careful when you unplug it and remove it from the food.

**Changing the core temperature**

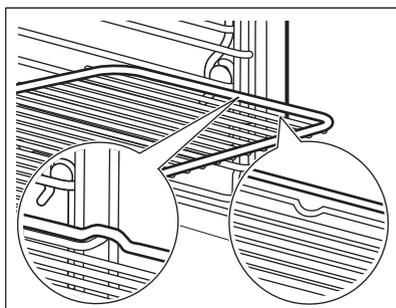
You can change the core temperature and the oven temperature at any time during cooking.

1. Select  on the display.
2. Turn the rotary knob to change the temperature.
3. Press to confirm.

**8.2 Inserting the accessories**

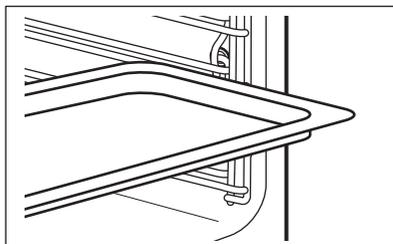
Wire shelf:

Push the shelf between the guide bars of the shelf support .



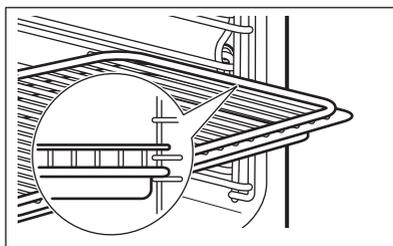
Baking tray/ Deep pan:

Push the baking tray / deep pan between the guide bars of the shelf support.



Wire shelf and baking tray / deep pan together:

Push the baking tray / deep pan between the guide bars of the shelf support and the wire shelf on the guide bars above.



Small indentation at the top increase safety. The indentations are also anti-tip devices. The high rim around the shelf prevents cookware from slipping of the shelf.

**9. ADDITIONAL FUNCTIONS**

**9.1 Automatic Switch-off**

For safety reasons the oven turns off automatically after some time, if a heating function works and you do not change any settings.

 (°C)	 (h)
30 - 115	12.5
120 - 195	8.5

 (°C)	 (h)
200 - 230	5.5

The Automatic Switch-off does not work with the functions: Light, Food Sensor, Duration, End Time.

**9.2 Cooling fan**

When the oven operates, the cooling fan turns on automatically to keep the

surfaces of the oven cool. If you turn off the oven, the cooling fan can continue to operate until the oven cools down.

## 10. HINTS AND TIPS



**WARNING!**  
Refer to Safety chapters.



The temperature and baking times in the tables are guidelines only. They depend on the recipes and the quality and quantity of the ingredients used.

### 10.1 Cooking recommendations

Your oven may bake or roast differently to the oven you had before. The tables below show recommended settings for temperature, cooking time and shelf position for specific types of the food.

If you cannot find the settings for a special recipe, look for the similar one.

### 10.2 Inner side of the door

**On the inner side of the door you can find:**

- the numbers of the shelf positions.
- information about the heating functions, recommended shelf positions and temperatures for dishes.

### 10.3 Advice for special heating functions of the oven

#### Keep Warm

The function allows you to keep food warm. The temperature is set automatically to 80 °C.

#### Plate Warming

The function allows you to warm plates and dishes before serving. The temperature is set automatically to 70 °C.

Place plates and dishes in stacks evenly on the wire shelf. Use the first shelf position. After half of the warming time switch their places.

#### Defrost

Remove the food packaging and put the food on a plate. Do not cover the food, as it can extend the defrosting time. Use the first shelf position.

### 10.4 Full Steam

Be careful when you open the oven door when the function is on. Steam can release.

#### Sterilisation

This function allows you to sterilise containers (e.g. baby bottles).

Put the clean containers upside down in the centre of the shelf on the first shelf position.

Fill the drawer to the maximum level and set the time to 40 minutes.

#### Cooking

This function allows you to prepare all types of food, fresh or frozen. You can use it to cook, warm, defrost, poach or blanch vegetables, meat, fish, pasta, rice, semolina and eggs.

You can prepare a meal comprising a few dishes during a single cooking session. To ensure all the dishes will be ready at the same time start with the food with the longest cooking time then add the remaining dishes at the appropriate time, as specified in the cooking tables

**Example: The total time of this cooking session is 40 min. First, put in Boiled potatoes, quartered, after 20 min add Salmon fillets and Broccoli, florets after 30 min.**



(min)

Boiled potatoes, quartered	40
----------------------------	----

Salmon fillets	20
----------------	----

Broccoli, florets	10
-------------------	----

Use the largest quantity of water required when you cook more than one dish at the same time.

Use the second shelf position.



## VEGETABLES



Set the temperature to 99 °C.



(min)



8 - 10	Broccoli, florets, preheat the empty oven
--------	---

10	Peeled tomatoes
----	-----------------

10 - 15	Spinach, fresh
---------	----------------

10 - 15	Courgette, slices
---------	-------------------

15	Vegetables, blanched
----	----------------------

15 - 20	Mushroom, slices
---------	------------------

15 - 20	Pepper, strips
---------	----------------

15 - 25	Broccoli, whole
---------	-----------------

15 - 25	Asparagus, green
---------	------------------

15 - 25	Aubergines
---------	------------

15 - 25	Pumpkin, cubes
---------	----------------

15 - 25	Tomatoes
---------	----------



## VEGETABLES



Set the temperature to 99 °C.



(min)



20 - 25	Beans, blanched
---------	-----------------

20 - 25	Lamb's lettuce, florets
---------	-------------------------

20 - 25	Savoy cabbage
---------	---------------

20 - 30	Celery, cubed
---------	---------------

20 - 30	Leek, rings
---------	-------------

20 - 30	Peas
---------	------

20 - 30	Snow peas / Kaiser peppers
---------	----------------------------

20 - 30	Sweet potatoes
---------	----------------

20 - 30	Fennel
---------	--------

20 - 30	Carrots
---------	---------

25 - 35	Asparagus, white
---------	------------------

25 - 35	Brussels sprouts
---------	------------------

25 - 35	Cauliflower, florets
---------	----------------------

25 - 35	Kohlrabi, strips
---------	------------------

25 - 35	White haricot beans
---------	---------------------

30 - 40	Sweet corn on the cob
---------	-----------------------

35 - 45	Black salsify
---------	---------------

35 - 45	Cauliflower, whole
---------	--------------------

35 - 45	Green beans
---------	-------------

40 - 45	Cabbage white or red, strips
---------	------------------------------

50 - 60	Artichokes
---------	------------

55 - 65	Dried beans, soaked, water / beans ratio 2:1
---------	--

60 - 90	Sauerkraut
---------	------------

70 - 90	Beetroot
---------	----------

 <b>SIDE DISHES / ACCOMPANIMENTS</b>	
 <b>Set the temperature to 99 °C.</b>	
 <b>(min)</b>	
15 - 20	Couscous, water / couscous ratio 1:1
15 - 25	Tagliatelle, fresh
20 - 25	Semolina pudding, milk / semolina ratio 3.5:1
20 - 30	Lentils, red, water / lentils ratio 1:1
25 - 30	Spaetzle
25 - 35	Bulgur, water / bulgur ratio 1:1
25 - 35	Yeast dumplings
30 - 35	Fragrant rice, water / rice ratio 1:1
30 - 40	Boiled potatoes, quartered
35 - 45	Bread dumpling
35 - 45	Potato dumplings
35 - 45	Rice, water / rice ratio 1:1, the ratio of water to rice can change according to the type of rice
40 - 50	Polenta, liquid ratio 3:1
40 - 55	Rice pudding, milk / rice ratio 2.5:1
45 - 55	Unpeeled potatoes, medium
55 - 60	Lentils, brown and green, water / lentils ratio 2:1

 <b>FRUIT</b>	
 <b>Set the temperature to 99 °C.</b>	
 <b>(min)</b>	
10 - 15	Apple slices
10 - 15	Hot berries
10 - 20	Chocolate melting
20 - 25	Fruit compote

 <b>FISH</b>		
 <b>(min)</b>		 <b>(°C)</b>
15 - 20	Thin fish fillet	75 - 80
20 - 25	Prawns, fresh	75 - 85
20 - 30	Mussels	100
20 - 30	Salmon fillets	85
20 - 30	Trout, 0.25 kg	85
30 - 40	Prawns, frozen	75 - 85
40 - 45	Salmon trout, 1 kg	85

 <b>MEAT</b>		
 <b>(min)</b>		 <b>(°C)</b>
15 - 20	Chipolatas	80
20 - 30	Bavarian veal sausage / White sausage	80
20 - 30	Vienna sausage	80

 MEAT		
 (min)		 (°C)
25 - 35	Chicken breast, poached	90
55 - 65	Cooked ham, 1 kg	99
60 - 70	Chicken, poached, 1 - 1.2 kg	99
70 - 90	Kasseler, poached	90
80 - 90	Veal / Pork loin, 0.8 - 1 kg	90
110 - 120	Tafelspitz	99

 EGGS		
 Set the temperature to 99 °C.		
 (min)		
10 - 11	Eggs, soft-boiled	

 EGGS		
 Set the temperature to 99 °C.		
 (min)		
12 - 13	Eggs, medium-boiled	
18 - 21	Eggs, hard-boiled	

### 10.5 Combining function: Grill + Fan + Full Steam

You can combine these functions to cook meat, vegetables and side dishes at one time.

1. Set the function: Grill + Fan to roast meat.
2. Add the prepared vegetables and side dishes.
3. Decrease oven temperature to around 90 °C. You can open the oven door to the first position for approximately 15 minutes.
4. Set the function: Full Steam. Cook all dishes together until they are ready.

Use the first shelf position for meat and the third shelf position for vegetables.

	 Grill + Fan		 Full Steam	
	First step: cook meat		Second step: add vegetables	
	 (°C)	 (min)	 (°C)	 (min)
Roast beef, 1 kg / Brussels sprouts, polenta	180	60 - 70	99	40 - 50

	 <b>Grill + Fan</b> First step: cook meat		 <b>Full Steam</b> Second step: add vegetables	
	 (°C)	 (min)	 (°C)	 (min)
Roast pork, 1 kg / Potatoes / Vegetables, gravy	180	60 - 70	99	30 - 40
Roast veal, 1 kg / Rice / Vegetables	180	50 - 60	99	30 - 40

## 10.6 Humidity High

Use the second shelf position.

	 (°C)	 (min)
Custard / Flan, in small dishes	90	35 - 45
Baked eggs	90 - 110	15 - 30
Terrine	90	40 - 50
Thin fish fillet	85	15 - 25
Thick fish fillet	90	25 - 35
Small fish, up to 0.35 kg	90	20 - 30
Whole fish, up to 1 kg	90	30 - 40
Dumplings	120 - 130	40 - 50

## 10.7 Humidity Low

Use the second shelf position unless specified otherwise.

	 (°C)	 (min)
Ready-to-bake rolls	200	15 - 20

	 (°C)	 (min)
Ready-to-bake baguettes, 40 - 50 g	200	15 - 20
Bread rolls, 40 - 60 g	180 - 200	25 - 35
Ready-to-bake baguettes, frozen, 40 - 50 g	200	25 - 35
Meatloaf, raw, 0.5 kg	180	30 - 40
Pasta bake	170 - 190	40 - 50
Lasagne	170 - 180	45 - 55
Bread, 0.5 - 1 kg	180 - 190	45 - 60
Potato gratin	160 - 170	50 - 60
Chicken, 1 kg	180 - 210	50 - 60
Pork loin, smoked, 0.6 - 1 kg, soak for 2 hours	160 - 180	60 - 70

	 (°C)	 (min)
Roast beef, 1 kg	180 - 200	60 - 90
Duck, 1.5 - 2 kg	180	70 - 90
Roast veal, 1 kg	180	80 - 90
Roast pork, 1 kg	160 - 180	90 - 100
Goose, 3 kg, use the first shelf position	170	130 - 170

## 10.8 Steam Regenerating

Use the second shelf position.

	 (°C)	 (min)
One-plate dishes	110	10 - 15

	 (°C)	 (min)
Pasta	110	10 - 15
Rice	110	10 - 15
Dumplings	110	15 - 25

## 10.9 Baking

Use the lower temperature the first time.

You can extend baking times by 10 – 15 minutes if you bake cakes on more than one shelf position.

Cakes and pastries at different heights do not always brown equally. There is no need to change the temperature setting if an unequal browning occurs. The differences equalize during baking.

Trays in the oven can twist during baking. When the trays become cold again, the distortions disappear.

## 10.10 Tips on baking

Baking results	Possible cause	Remedy
The bottom of the cake is not baked sufficiently.	The shelf position is incorrect.	Put the cake on a lower shelf.
The cake sinks and becomes soggy or streaky.	The oven temperature is too high.	Next time set slightly lower oven temperature.
	The baking time is too short.	Next time set a longer baking time and lower oven temperature.
The cake is too dry.	The oven temperature is too low.	Next time set higher oven temperature.
	The baking time is too long.	Next time set shorter baking time.
The cake bakes unevenly.	The oven temperature is too high and the baking time is too short.	Set lower oven temperature and longer baking time.
	The cake batter is not evenly distributed.	Next time spread the cake batter evenly on the baking tray.

Baking results	Possible cause	Remedy
The cake is not ready in the baking time specified in a recipe.	The oven temperature is too low.	Next time set a slightly higher oven temperature.

## 10.11 Baking on one level

 <b>BAKING IN TINS</b>				
		 (°C)	 (min)	
Ring cake / Brioche	True Fan Cooking	150 - 160	50 - 70	1
Madeira cake / Fruit cakes	True Fan Cooking	140 - 160	70 - 90	1
Flan base - short pastry, preheat the empty oven	True Fan Cooking	150 - 160	20 - 30	2
Flan base - sponge cake mixture	True Fan Cooking	150 - 170	20 - 25	2
Cheesecake	Conventional Cooking	170 - 190	60 - 90	1

 <b>CAKES / PASTRIES / BREADS ON BAKING TRAYS</b>				
 <b>Preheat the empty oven unless specified otherwise.</b>				
		 (°C)	 (min)	
Plaited bread / Bread crown, preheating is not needed	Conventional Cooking	170 - 190	30 - 40	3
Christstollen	Conventional Cooking	160 - 180	50 - 70	2
Rye bread:	Conventional Cooking	first: 230 then: 160 - 180	20 30 - 60	1



## CAKES / PASTRIES / BREADS ON BAKING TRAYS



Preheat the empty oven unless specified otherwise.



(°C)



(min)



		(°C)	(min)	
Cream puffs / Eclairs	Conventional Cooking	190 - 210	20 - 35	3
Swiss roll,	Conventional Cooking	180 - 200	10 - 20	3
Cake with crumble topping, preheating is not needed	True Fan Cooking	150 - 160	20 - 40	3
Buttered almond cake / Sugar cakes	Conventional Cooking	190 - 210	20 - 30	3
Fruit flans, preheating is not needed	Conventional Cooking	180	35 - 55	3
Yeast cakes with delicate toppings (e.g. quark, cream, custard)	Conventional Cooking	160 - 180	40 - 60	3



## BISCUITS



Use the third shelf position.



(°C)



(min)

		(°C)	(min)	
Short pastry / Sponge cake mixture	True Fan Cooking	150 - 160	15 - 25	
Meringues	True Fan Cooking	80 - 100	120 - 150	
Macaroons	True Fan Cooking	100 - 120	30 - 50	
Yeast dough biscuits	True Fan Cooking	150 - 160	20 - 40	
Puff pastries, preheat the empty oven	True Fan Cooking	170 - 180	20 - 30	

 <b>BISCUITS</b>			
 <b>Use the third shelf position.</b>			
		 (°C)	 (min)
Rolls, preheat the empty oven	Conventional Cooking	190 - 210	10 - 25

## 10.12 Bakes and gratins

 <b>Use the first shelf position.</b>			
		 (°C)	 (min)
Pasta bake	Conventional Cooking	180 - 200	45 - 60
Lasagne	Conventional Cooking	180 - 200	25 - 40
Vegetables au gratin, preheat the empty oven	Grill + Fan	170 - 190	15 - 35
Baguettes with melted cheese	True Fan Cooking	160 - 170	15 - 30
Milk rice	Conventional Cooking	180 - 200	40 - 60
Fish bakes	Conventional Cooking	180 - 200	30 - 60
Stuffed vegetables	True Fan Cooking	160 - 170	30 - 60

## 10.13 Multilevel Baking

Use the function: True Fan Cooking.

For 2 trays use the first and fourth shelf position.

 <b>CAKES / PASTRIES / BREADS ON BAKING TRAYS</b>			
	 (°C)		 (min)
Cream puffs / Eclairs, pre-heat the empty oven	160 - 180	25 - 45	
Dry streusel cake	150 - 160	30 - 45	

 <b>BISCUITS</b>		
	 (°C)	 (min)
Short pastry biscuits	150 - 160	20 - 40
Meringues	80 - 100	130 - 170
Macaroons	100 - 120	40 - 80
Yeast dough biscuits	160 - 170	30 - 60
Puff pastries, preheat the empty oven	170 - 180	30 - 50
Rolls	180	20 - 30

## 10.14 Tips on Roasting

Use heat-resistant ovenware.

Roast lean meat covered.

Roast large meat joints directly in the tray or on the wire shelf placed above the tray.

Put some water in the tray to prevent dripping fat from burning.

Turn the roast after 1/2 - 2/3 of the cooking time.

Roast meat and fish in large pieces (1 kg or more).

Baste meat joints with their own juice several times during roasting.

## 10.15 Roasting

Use the first shelf position.

 <b>BEEF</b>				
			 (°C)	 (min)
Pot roast	1 - 1.5 kg	Conventional Cooking	230	120 - 150
Roast beef or fillet, rare, preheat the empty oven	1 cm thick	Grill + Fan	190 - 200	5 - 6
Roast beef or fillet, medium, preheat the empty oven	1 cm thick	Grill + Fan	180 - 190	6 - 8
Roast beef or fillet, well done, preheat the empty oven	1 cm thick	Grill + Fan	170 - 180	8 - 10

 PORK				
 Use the function: Grill + Fan.				
	 (kg)	 (°C)	 (min)	
Shoulder / Neck / Ham joint	1 - 1.5	150 - 170	90 - 120	
Chops / Spare rib	1 - 1.5	170 - 190	30 - 60	
Meatloaf	0.75 - 1	160 - 170	50 - 60	
Pork knuckle, precooked	0.75 - 1	150 - 170	90 - 120	

 VEAL				
 Use the function: Grill + Fan.				
	 (kg)	 (°C)	 (min)	
Roast veal	1	160 - 180	90 - 120	
Veal knuckle	1.5 - 2	160 - 180	120 - 150	

 LAMB				
 Use the function: Grill + Fan.				
	 (kg)	 (°C)	 (min)	
Lamb leg / Roast lamb	1 - 1.5	150 - 170	100 - 120	
Lamb saddle	1 - 1.5	160 - 180	40 - 60	

 <b>GAME</b>				
	 (kg)		 (°C)	 (min)
Saddle / Hare leg, preheat the empty oven	1	Grill + Fan	180 - 200	35 - 55
Venison saddle	1.5 - 2	Conventional Cooking	180 - 200	60 - 90
Haunch of venison	1.5 - 2	Conventional Cooking	180 - 200	60 - 90

 <b>POULTRY</b>				
 Use the function: Grill + Fan.				
	 (kg)	 (°C)	 (min)	
Poultry, portions	0.2 - 0.25	200 - 220	30 - 50	
Chicken, half	0.4 - 0.5	190 - 210	40 - 50	
Chicken, poulard	1 - 1.5	190 - 210	50 - 70	
Duck	1.5 - 2	180 - 200	80 - 100	
Goose	3.5 - 5	160 - 180	120 - 180	
Turkey	2.5 - 3.5	160 - 180	120 - 150	
Turkey	4 - 6	140 - 160	150 - 240	

 <b>FISH</b>				
	 (kg)		 (°C)	 (min)
Whole fish	1 - 1.5	Grill + Fan	180 - 200	30 - 50

## 10.16 Bread Baking

Use the second shelf position.

Preheating is not recommended.

 BREAD		
	 (°C)	 (min)
White bread	170 - 190	40 - 60
Baguette	200 - 220	35 - 45
Brioche	180 - 200	40 - 60
Ciabatta	200 - 220	35 - 45
Rye bread	170 - 190	50 - 70
Wholemeal bread	170 - 190	50 - 70
Whole grain bread	170 - 190	40 - 60
Bread rolls	190 - 210	20 - 35

### 10.17 Crispy baking with True Fan + Bottom

 PIZZA		
 Use the first shelf position.		
	 (°C)	 (min)
Tarts	180 - 200	40 - 55
Spinach flan	160 - 180	45 - 60
Quiche lorraine / Swiss flan	170 - 190	45 - 55
Apple pie, covered	150 - 170	50 - 60



## PIZZA



Preheat the empty oven before cooking.



Use the second shelf position.



(°C)



(min)

Pizza, thin crust, use the deep pan	210 - 230	15 - 25
Pizza, thick crust	180 - 200	20 - 30
Unleavened bread	210 - 230	10 - 20
Puff pastry flan	160 - 180	45 - 55
Flammkuchen	210 - 230	15 - 25
Pierogi	180 - 200	15 - 25
Vegetable pie	160 - 180	50 - 60

## 10.18 Grill

Preheat the empty oven before cooking.

Put the pan into the first shelf position to collect fat.



## GRILL



(°C)



(min)  
1st side



(min)  
2nd side



Roast beef	210 - 230	30 - 40	30 - 40	2
Beef fillet	230	20 - 30	20 - 30	3
Pork loin	210 - 230	30 - 40	30 - 40	2
Veal loin	210 - 230	30 - 40	30 - 40	2
Lamb saddle	210 - 230	25 - 35	20 - 25	3
Whole fish, 0,5 - 1 kg	210 - 230	15 - 30	15 - 30	3 / 4

## 10.19 Slow Cooking

This function allows you to prepare lean, tender meat and fish. It is not applicable for: poultry, fatty roast pork, pot roast. Food Sensor temperature should not be higher than 65 °C .

1. Sear the meat for 1 - 2 minutes on each side in a pan over high heat.
2. Put the meat in the roasting pan or directly on the wire shelf. Put a tray below the wire shelf to collect fat.
3. Use Food Sensor.
4. Select the function: Slow Cooking. You can set the temperature between 80 °C and 150 °C for the first 10 minutes. The default is 90 °C. Set the temperature for Food Sensor.
5. After 10 minutes, the oven automatically lowers the temperature to 80 °C.

 Set the temperature to 120 °C.			
	 (kg)	 (min)	
Steaks	0.2 - 0.3	20 - 40	3
Fillet of beef	1 - 1.5	90 - 150	3
Roast beef	1 - 1.5	120 - 150	1
Roast veal	1 - 1.5	120 - 150	1

## 10.20 Bottom + Grill + Fan

 DEFROSTING			
	 (°C)	 (min)	
Pizza, frozen	200 - 220	15 - 25	2
Pizza American, frozen	190 - 210	20 - 25	2
Pizza, chilled	210 - 230	13 - 25	2
Pizza snacks, frozen	180 - 200	15 - 30	2
French fries, thin	190 - 210	15 - 25	3
French fries, thick	190 - 210	20 - 30	3
Wedges / Croquettes	190 - 210	20 - 40	3
Hash browns	210 - 230	20 - 30	3
Lasagne / Cannelloni, fresh	170 - 190	35 - 45	2

 DEFROSTING			
	 (°C)	 (min)	
Lasagne / Cannelloni, frozen	160 - 180	40 - 60	2
Baked cheese	170 - 190	20 - 30	3
Chicken wings	180 - 200	40 - 50	2

## 10.21 Preserving

Use only preserve jars of the same dimensions available on the market.

Do not use jars with twist-off and bayonet type lids or metal tins.

Use the first shelf position.

Put no more than six one-litre preserve jars on the baking tray.

Fill the jars equally and close with a clamp.

The jars cannot touch each other.

Put approximately 1/2 litre of water into the baking tray to give sufficient moisture in the oven.

When the liquid in the jars starts to simmer (after approximately 35 - 60 minutes with one-litre jars), stop the oven or decrease the temperature to 100 °C (see the table).

Set the temperature to 160 - 170 °C.

 SOFT FRUIT	
	 (min) Cooking time until simmering
Strawberries / Blueberries / Raspberries / Ripe gooseberries	35 - 45

 STONE FRUIT		
	 (min) Cooking time until simmering	 (min) Continue to cook at 100 °C
Peaches / Quinces / Plums	35 - 45	10 - 15

 VEGETABLES		
	 (min) Cooking time until simmering	 (min) Continue to cook at 100 °C
Carrots	50 - 60	5 - 10
Cucumbers	50 - 60	-
Mixed pickles	50 - 60	5 - 10
Kohlrabi / Peas / Asparagus	50 - 60	15 - 20

## 10.22 Drying - True Fan Cooking

Cover trays with grease proof paper or baking parchment.

For a better result, stop the oven halfway through the drying time, open the door and let it cool down for one night to complete the drying.

For 1 tray use the third shelf position.

For 2 trays use the first and fourth shelf position.

 <b>VEGETABLES</b>		
	 (°C)	 (h)
Beans	60 - 70	6 - 8
Peppers	60 - 70	5 - 6
Vegetables for soup	60 - 70	5 - 6
Mushrooms	50 - 60	6 - 8

 <b>VEGETABLES</b>		
	 (°C)	 (h)
Herbs	40 - 50	2 - 3

Set the temperature to 60 - 70 °C.

 <b>FRUIT</b>	
	 (h)
Plums	8 - 10
Apricots	8 - 10
Apple slices	6 - 8
Pears	6 - 9

### 10.23 Food Sensor

 <b>BEEF</b>	 <b>Food core temperature (°C)</b>		
	Rare	Medium	Well done
Roast beef	45	60	70
Sirloin	45	60	70

 <b>BEEF</b>	 <b>Food core temperature (°C)</b>		
	Less	Medium	More
Meatloaf	80	83	86

 <b>PORK</b>	 <b>Food core temperature (°C)</b>		
	Less	Medium	More
Ham / Roast	80	84	88

 <b>PORK</b>	 Food core temperature (°C)		
	Less	Medium	More
Saddle chop / Pork loin, smoked / Pork loin, poached	75	78	82

 <b>VEAL</b>	 Food core temperature (°C)		
	Less	Medium	More
Roast veal	75	80	85
Veal knuckle	85	88	90

 <b>MUTTON / LAMB</b>	 Food core temperature (°C)		
	Less	Medium	More
Mutton leg	80	85	88
Mutton saddle	75	80	85
Roast lamb / Lamb leg	65	70	75

 <b>GAME</b>	 Food core temperature (°C)		
	Less	Medium	More
Hare saddle / Venison saddle	65	70	75
Hare leg / Hare, whole / Venison leg	70	75	80

 <b>POULTRY</b>	 Food core temperature (°C)		
	Less	Medium	More
Chicken	80	83	86
Duck, whole / half / Turkey, whole / breast	75	80	85
Duck, breast	60	65	70

 <b>FISH (SALMON, TROUT, ZANDER)</b>	 <b>Food core temperature (°C)</b>		
	Less	Medium	More
Fish, whole / large / steamed / Fish, whole / large / roasted	60	64	68

 <b>CASSEROLES - PRE-COOKED VEGETABLES</b>	 <b>Food core temperature (°C)</b>		
	Less	Medium	More
Zucchini casserole / Broccoli casserole / Fennel casserole	85	88	91

 <b>CASSEROLES - SAVOURY</b>	 <b>Food core temperature (°C)</b>		
	Less	Medium	More
Cannelloni / Lasagne / Pasta bake	85	88	91

 <b>CASSEROLES - SWEET</b>	 <b>Food core temperature (°C)</b>		
	Less	Medium	More
White bread casserole with / without fruit / Rice porridge casserole with / without fruit / Sweet noodle casserole	80	85	90

### 10.24 Moist Fan Baking - recommended accessories

absorption than the light colour and reflective dishes.

Use the dark and non-reflective tins and containers. They have better heat

			
<b>Pizza pan</b>	<b>Baking dish</b>	<b>Ramekins</b>	<b>Flan base tin</b>
Dark, non-reflective 28 cm diameter	Dark, non-reflective 26 cm diameter	Ceramic 8 cm diameter, 5 cm height	Dark, non-reflective 28 cm diameter

## 10.25 Moist Fan Baking

For the best results follow suggestions listed in the table below.

Use the third shelf position.

	 (°C)	 (min)
Pasta gratin	200 - 220	45 - 55
Potato gratin	180 - 200	70 - 85
Moussaka	170 - 190	70 - 95
Lasagne	180 - 200	75 - 90
Cannelloni	180 - 200	70 - 85
Bread pudding	190 - 200	55 - 70
Rice pudding	170 - 190	45 - 60
Apple cake, made of sponge cake mixture (round cake tin)	160 - 170	70 - 80
White bread	190 - 200	55 - 70

## 10.26 Information for test institutes

Tests according to: EN 60350, IEC 60350.

 BAKING ON ONE LEVEL. Baking in tins				
		 (°C)	 (min)	
Fatless sponge cake	True Fan Cooking	140 - 150	35 - 50	2
Fatless sponge cake	Conventional Cooking	160	35 - 50	2
Apple pie, 2 tins Ø20 cm	True Fan Cooking	160	60 - 90	2
Apple pie, 2 tins Ø20 cm	Conventional Cooking	180	70 - 90	1

 <b>BAKING ON ONE LEVEL. Biscuits</b>				
 <b>Use the third shelf position.</b>				
		 (°C)	 (min)	
Short bread / Pastry strips	True Fan Cooking	140	25 - 40	
Short bread / Pastry strips, preheat the empty oven	Conventional Cooking	160	20 - 30	
Small cakes, 20 per tray, preheat the empty oven	True Fan Cooking	150	20 - 35	
Small cakes, 20 per tray, preheat the empty oven	Conventional Cooking	170	20 - 30	

 <b>MULTILEVEL BAKING. Biscuits</b>					
		 (°C)	 (min)		
				2 posi- tions	3 posi- tions
Short bread / Pastry strips	True Fan Cooking	140	25 - 45	1 / 4	1 / 3 / 5
Small cakes, 20 per tray, preheat the empty oven	True Fan Cooking	150	23 - 40	1 / 4	-

 <b>GRILL</b>				
 <b>Preheat the empty oven for 5 minutes.</b>				
 <b>Grill with the maximum temperature setting.</b>				
		 (min)		
Toast	Grill	1 - 3	5	

 <b>GRILL</b>			
 <b>Preheat the empty oven for 5 minutes.</b>			
 <b>Grill with the maximum temperature setting.</b>			
		 (min)	
Beef steak, turn halfway through	Grill	24 - 30	4

### 10.27 Information for test institutes

Tests according to IEC 60350.

Tests for the function: Full Steam.

 <b>Set the temperature to 99 °C.</b>					
	 <b>Container (Gastronorm)</b>	 (g)		 (min)	
Broccoli, pre-heat the empty oven	1 x 2/3perforated	300	3	13 - 15	Put the baking tray on the first shelf position.
Broccoli, pre-heat the empty oven	2 x 2/3 perforated	2 x 300	2 and 4	13 - 15	Put the baking tray on the first shelf position.
Broccoli, pre-heat the empty oven	1 x 2/3perforated	max.	3	15 - 18	Put the baking tray on the first shelf position.
Peas, frozen	2 x 2/3 perforated	2 x 1500	2 and 4	Until the temperature in the coldest spot reaches 85 °C.	Put the baking tray on the first shelf position.

# 11. CARE AND CLEANING



## WARNING!

Refer to Safety chapters.

### 11.1 Notes on cleaning



#### Cleaning Agents

Clean the front of the oven with a soft cloth with warm water and a mild cleaning agent.

To clean metal surfaces, use a dedicated cleaning agent.

Clean stubborn stains with a special oven cleaner.



#### Everyday Use

Clean the oven cavity after each use. Fat accumulation or other food remains may cause fire. The risk is higher for the grill pan.

Dry the cavity with a soft cloth after each use.



#### Accessories

Clean all accessories after each use and let them dry. Use a soft cloth with warm water and a cleaning agent. Do not clean the accessories in a dishwasher.

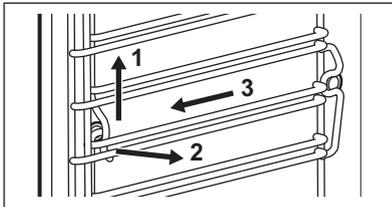
Do not clean the non-stick accessories using aggressive agents, sharp-edged objects or in a dishwasher.

### 11.2 How to remove: shelf supports

Before maintenance, make sure that the oven is cool. There is a risk of burns.

To clean the oven, remove the shelf supports.

1. Pull carefully the supports up and out of the front catch.



2. Pull the front end of the shelf support away from the side wall.
3. Pull the supports out of the rear catch.

Install the shelf supports in the opposite sequence.

### 11.3 Steam Cleaning

Remove as much dirt as possible manually.

Remove the accessories and the shelf support to clean the side walls.

The steam cleaning functions support the steam cavity cleaning of the oven.

Before you start a cleaning procedure, make sure that the oven is cool.

When the steam cleaning function works, the light is off.

1. Fill the water drawer to the maximum level (around 950 ml of water) until a signal sounds or the display shows the message.
2. Choose the steam cleaning function in the menu: Cleaning.
 

**Steam Cleaning** - the duration of the function is around 30 minutes.

  - a) Turn on the function.

- b) When the programme ends a signal sounds.
- c) Press the rotary knob to turn off the signal.

**Steam Cleaning Plus** - the duration of the function is around 75 minutes.

- a) Spray a suitable detergent uniformly in the oven cavity on both enamel and steel parts.
  - b) Turn on the function.  
The first part of the programme ends after around 50 minutes.
  - c) Wipe the cavity of the oven with a non-abrasive surface care sponge. You can use warm water or oven detergents.
  - d) The final part of the procedure starts. The duration of this stage is around 25 minutes.
3. Wipe the cavity of the oven with a non-abrasive sponge. You can use warm water.

After cleaning keep the oven door open for approximately 1 hour. Wait until the oven is dry. To speed up the drying you can heat up the oven with hot air at temperature 150 °C for approximately 15 minutes. You can get maximum effects of the cleaning function if you manually clean the oven immediately after the function ends.

## 11.4 Cleaning Reminder

When reminder is displayed cleaning is necessary. Use the function Steam Cleaning Plus.

## 11.5 Steam generation system - Descaling

When the steam generator operates, limestone accumulates inside it (because of calcium contents in the water). This can have a negative effect on the steam quality, on the performance of the steam generator and on the food quality. To prevent limestone accumulation, clean the steam generation circuit.

Remove all accessories.

Select the function from the menu: Cleaning. The user interface will guide you through the procedure.

The duration of the complete procedure is about 2 hours.

The light in this function is off.

1. Make sure that the water drawer is empty.
2. Press **START**.
3. Put the grill- / roasting pan on the first shelf position.
4. Press the rotary knob.
5. Put 250 ml of the descaling agent in the water drawer.
6. Fill the remaining part of the water drawer with water to the maximum level until the signal sounds or the display shows the message.
7. Press the rotary knob.

This activates the first part of the procedure: Descaling.



The duration of this part is around 1 hour 40 minutes.

8. After the end of the first part, empty the grill- / roasting pan and put it on the first shelf position again.
9. Press the rotary knob.
10. Fill the water drawer with fresh water to the maximum level until the signal sounds or the display shows the message.

11. Press **START**.

This activates the second part of the procedure: Descaling. It will rinse the steam generation circuit.



The duration of this part is around 35 minutes.

Remove the grill- / roasting pan after the end of the procedure.



If the function: Descaling is not performed in the correct way, the display will show a message to repeat it.

If the oven is humid or wet, wipe it out with a dry cloth. Let the oven dry fully with the door open.

## 11.6 Descaling reminder

There are two descaling reminders which remind you to perform the function: Descaling.

The soft reminder reminds and recommends you to perform the descaling cycle.

The hard reminder obligates you to perform the descaling.



If you do not descale the appliance when the hard reminder is on, you cannot use the steam functions. You cannot disable the descaling reminder.

## 11.7 Steam generation system - Rinsing

Remove all accessories.

Select the function from the menu: Cleaning. The user interface will guide you through the procedure.

The duration of the function is around 30 minutes.

The light in this function is off.

1. Put the baking tray on the first shelf position.
  2. Fill the water drawer with fresh water to the maximum level until the acoustic signal sounds or the display shows the message.
  3. Press **START**.
- Remove the baking tray after the end of the procedure.

## 11.8 Tank emptying

Remove all accessories.

The cleaning function removes the residual water from the water drawer. Use the function after the steam cooking function.

Select the function from the menu: Cleaning. The user interface will guide you through the procedure.

The duration of the function is around 6 minutes.

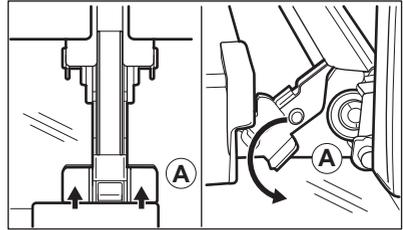
The light in this function is off.

Put the baking tray on the first shelf position.  
Remove the baking tray after the end of the procedure.

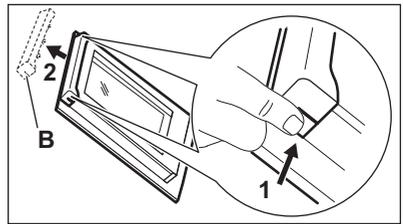
## 11.9

The number of glass panels is different for different models.

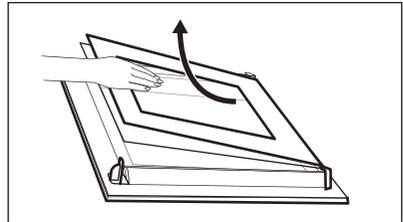
1. Open the door fully.
2. Fully press the clamping levers (A) on the two door hinges.



3. Close the oven door to the first opening position (approximately 70° angle).
4. Hold the door with one hand on each side and pull it away from the oven at an upwards angle.
5. Put the door with the outer side down on a soft cloth on a stable surface.
6. Hold the door trim (B) on the top edge of the door at the two sides and push inwards to release the clip seal.



7. Pull the door trim to the front to remove it.
8. Hold the door glass panels on their top edge one by one and pull them up out of the guide.



9. Clean the glass panel with water and soap. Dry the glass panel carefully.

When the cleaning is completed, do the above steps in the opposite sequence. Install the smaller panel first, then the larger and the door.



**WARNING!**

Make sure that the glasses are inserted in the correct position otherwise the surface of the door may overheat.

## 11.10 Replacing the lamp



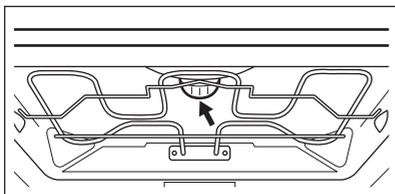
**WARNING!**

Risk of electric shock.  
The lamp can be hot.

1. Turn off the oven.  
Wait until the oven is cooled down.
2. Disconnect the oven from the mains.
3. Put a cloth on the bottom of the cavity.

### The top lamp

1. Turn the lamp glass cover to remove it.



2. Remove the metal ring and clean the glass cover.
3. Replace the lamp with a suitable 300 °C heat-resistant lamp.
4. Attach the metal ring to the glass cover.
5. Install the glass cover.

### The side lamp

1. Remove the left shelf support to get access to the lamp.
2. Use a Torx 20 screwdriver to remove the cover.
3. Remove and clean the metal frame and the seal.
4. Replace the lamp with a suitable 300 °C heat-resistant lamp.
5. Install the metal frame and the seal. Tighten the screws.
6. Install the left shelf support.

## 12. TROUBLESHOOTING



**WARNING!**

Refer to Safety chapters.

### 12.1 What to do if...

Problem	Possible cause	Remedy
You cannot activate or operate the oven.	The oven is not connected to an electrical supply or it is connected incorrectly.	Check if the oven is correctly connected to the electrical supply (refer to the connection diagram if available).
The oven does not heat up.	The oven is deactivated.	Activate the oven.
The oven does not heat up.	The clock is not set.	Set the clock.

Problem	Possible cause	Remedy
The oven does not heat up.	The necessary settings are not set.	Make sure that the settings are correct.
The oven does not heat up.	The automatic switch-off is activated.	Refer to "Automatic switch-off".
The oven does not heat up.	The fuse is blown.	Make sure that the fuse is the cause of the malfunction. If the fuse is blown again and again, contact a qualified electrician.
The lamp does not operate.	The lamp is defective.	Replace the lamp.
The display prompts to set the Language.	There was a power cut longer than 3 days.	Refer to "Before first use" chapter.
The display prompts to set the Language.	The demo mode is activated.	Turn off demo mode in: Menu / Basic Settings / DEMO. Activation / deactivation code: 2468.
The display shows F111.	The plug of the core temperature sensor is not correctly installed into the socket.	Put the plug of the core temperature sensor as far as possible into the socket.
The display shows an error code that is not in this table.	There is an electrical fault.	<ul style="list-style-type: none"> <li>Deactivate the oven with the house fuse or the safety switch in the fuse box and activate it again.</li> <li>If the display shows the error code again, contact the Customer Care Department.</li> </ul>
Steam and condensation settle on the food and in the cavity of the oven.	You left the dish in the oven for too long.	Do not leave the dishes in the oven for longer than 15 - 20 minutes after the cooking process ends.
The descaling procedure is interrupted before it finishes.	There was a power cut.	Repeat the procedure.
The descaling procedure is interrupted before it finishes.	The function was stopped by the user.	Repeat the procedure.
There is no water inside the grill- / roasting pan after the descaling procedure.	You did not fill the water drawer to the maximum level.	Check if the a descaling agent / water is present in the water drawer body. Repeat the procedure.

Problem	Possible cause	Remedy
There is dirty water on the bottom of the cavity after the descaling cycle.	The grill- / roasting pan is on a wrong shelf position.	Remove the residual water and the descaling agent from the bottom of the oven. Put the grill- / roasting pan on the first shelf position.
The cleaning function is interrupted before it finishes.	There was a power cut.	Repeat the procedure.
The cleaning function is interrupted before it finishes.	The function was stopped by the user.	Repeat the procedure.
There is too much water on the bottom of the cavity after the end of the cleaning function.	You sprayed too much detergent in the appliance before the activation of the cleaning cycle.	Cover all parts of the cavity with a thin layer of the detergent. Spray the detergent evenly.
There is no good performance of the cleaning procedure.	The initial oven cavity temperature of the steam cleaning function was too high.	Repeat the cycle. Run the cycle when the appliance is cold.
There is no good performance of the cleaning procedure.	You did not remove the side grids before the start of the cleaning procedure. They can transfer heat to the walls and decrease the performance.	Remove the side grids from the appliance and repeat the function.
There is no good performance of the cleaning procedure.	You did not remove the accessories from the appliance before the start of the cleaning procedure. They can compromise the steam cycle and decrease the performance.	Remove the accessories from the appliance and repeat the function.

## 12.2 Service data

If you cannot find a solution to the problem yourself, contact your dealer or an Authorised Service Centre.

The necessary data for the service centre is on the rating plate. The rating plate is

on the front frame of the oven cavity. Do not remove the rating plate from the oven cavity.

<b>We recommend that you write the data here:</b>	
Model (MOD.)	.....
Product number (PNC)	.....
Serial number (S.N.)	.....

## 13. ENERGY EFFICIENCY

### 13.1 Product Information Sheet

#### Product information according to EU 65-66/2014

Supplier's name	AEG	
Model identification	BSE882220M 944187829 BSK882220M 944187747 944187839	
Energy Efficiency Index	81.0	
Energy efficiency class	A+	
Energy consumption with a standard load, conventional mode	1.09 kWh/cycle	
Energy consumption with a standard load, fan-forced mode	0.68 kWh/cycle	
Number of cavities	1	
Heat source	Electricity	
Volume	70 l	
Type of oven	Built-In Oven	
Mass	BSE882220M	39.0 kg
	BSK882220M	39.0 kg

EN 60350-1 - Household electric cooking appliances - Part 1: Ranges, ovens, steam ovens and grills - Methods for measuring performance.

### 13.2 Energy saving



The oven contains features which help you save energy during everyday cooking.

Make sure that the oven door is closed properly when the oven operates. Do not open the door too often during cooking. Keep the door gasket clean and make sure it is well fixed in its position.

Use metal cookware to improve energy saving.

When possible, do not preheat the oven before cooking.

Keep breaks between baking as short as possible when you prepare a few dishes at one time.

#### **Cooking with fan**

When possible, use the cooking functions with fan to save energy.

#### **Residual heat**

If a programme with the Duration or End Time selection is activated and the cooking time is longer than 30 minutes, the heating elements automatically turn off earlier in some oven functions.

The fan and lamp continue to operate. When you turn off the oven, the display shows the residual heat. You can use that heat to keep the food warm.

When the cooking duration is longer than 30 minutes, reduce the oven temperature to minimum 3 - 10 minutes before the end of cooking. The residual

heat inside the oven will continue to cook.

Use the residual heat to warm up other dishes.

**Keep food warm**

Choose the lowest possible temperature setting to use residual heat and keep a meal warm. The residual heat indicator or temperature appears on the display.

**Cooking with the lamp off**

Turn off the lamp during cooking. Turn it on only when you need it.

**Moist Fan Baking**

Function designed to save energy during cooking.

When you use this function the lamp automatically turns off after 30 seconds. You may turn on the lamp again but this action will reduce the expected energy savings.

## 14. ENVIRONMENTAL CONCERNS

Recycle materials with the symbol . Put the packaging in relevant containers to recycle it. Help protect the environment and human health by recycling waste of electrical and electronic appliances. Do not dispose of

appliances marked with the symbol  with the household waste. Return the product to your local recycling facility or contact your municipal office.

[www.aeg.com/shop](http://www.aeg.com/shop)



867335320-E-27/2019



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