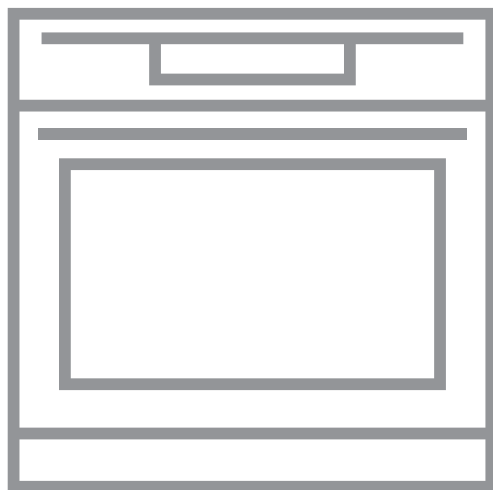


► BPE535120B  
BPE535120M  
BPK535120M  
BPK535120W

EN User Manual  
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.

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Buy Accessories, Consumables and Original spare parts for your appliance:  
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## 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 damages 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.
- 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 are hot.
- If the appliance has a child safety device, this should be activated.
- Children shall not carry out cleaning and user maintenance of the appliance without supervision.
- Children aged 3 years and under must be kept away from this appliance when it is in operation at all times.

## **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. Children less than 8 years of age shall be kept away unless continuously supervised.
- Always use oven gloves to remove or put in accessories or ovenware.
- Before carrying out any maintenance, disconnect the appliance from the power supply.

- Ensure that the appliance is switched off before replacing the lamp to avoid the possibility of electric shock.
- 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.
- Excessive spillage must be removed before the pyrolytic cleaning. Remove all parts from the oven.
- 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.

## 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.
- Keep the minimum distance from other appliances and units.
- Make sure that the appliance is installed below and adjacent safe structures.
- The sides of the appliance must stay adjacent to appliances or units with the same height.
- The appliance is equipped with an electric cooling system. It must be operated with the electric power supply.

### 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, especially when 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 complies with the E.E.C. Directives.

## 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. Only use neutral detergents. Do not use any 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 any kind of detergent.
- provide good ventilation during and after the first use at maximum temperature operation.
- Unlike all humans, some birds and reptiles can be extremely sensitive to potential fumes emitted during the cleaning process of all Pyrolytic Ovens.
  - Remove any pets (especially birds) from the vicinity of the appliance location during and after the Pyrolytic cleaning and first use maximum temperature operation to a well ventilated area.
- Small pets can also be highly sensitive to the localized temperature changes in the vicinity of all Pyrolytic Ovens when the Pyrolytic self cleaning program is in operation.
- Non-stick surfaces on pots, pans, trays, utensils etc., can be damaged by the high temperature Pyrolytic cleaning operation of all Pyrolytic Ovens and can be also a source for low level harmful fumes.
- Fumes released from all Pyrolytic Ovens / Cooking Residues as described are not harmful to humans, including infants or persons with medical conditions.

## 2.5 Pyrolytic cleaning



### **WARNING!**

Risk of Injury / Fires / Chemical Emissions (Fumes) in Pyrolytic Mode.

- Before carrying out a Pyrolytic self-cleaning function or the First Use please remove from the oven cavity:
  - any excess food residues, oil or grease spills / deposits.
  - any removable objects (including shelves, side rails etc., provided with the product) particularly any non-stick pots, pans, trays, utensils etc.
- Read carefully all the instructions for Pyrolytic cleaning.
- Keep children away from the appliance while the Pyrolytic cleaning is in operation.  
The appliance becomes very hot and hot air is released from the front cooling vents.
- Pyrolytic cleaning is a high temperature operation that can release fumes from cooking residues and construction materials, as such consumers are strongly advised to:
  - provide good ventilation during and after each Pyrolytic cleaning.

## 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.
- Only use lamps with the same specifications.

## 2.7 Service

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

## 2.8 Disposal



### **WARNING!**

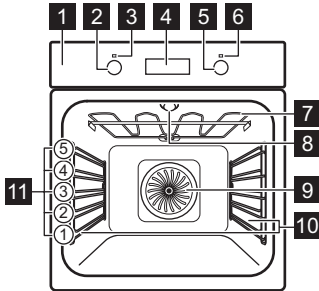
Risk of injury or suffocation.

- 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

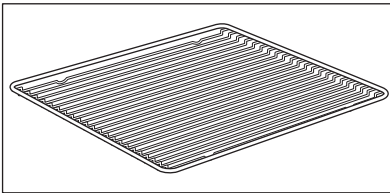
### 3.1 General overview



- 1** Control panel
- 2** Knob for the oven functions
- 3** Power lamp / symbol
- 4** Electronic programmer
- 5** Knob for the temperature
- 6** Temperature indicator / symbol
- 7** Heating element
- 8** Lamp
- 9** Fan
- 10** Shelf support, removable
- 11** Shelf positions

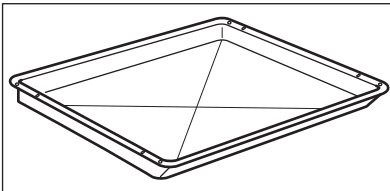
### 3.2 Accessories

#### Wire shelf



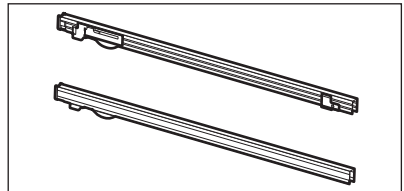
For cookware, cake tins, roasts.

#### Combi pan



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




#### Telescopic runners



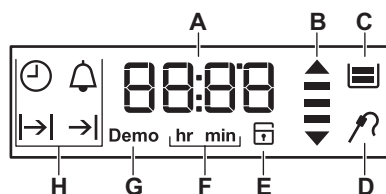
For shelves and trays.

## 4. CONTROL PANEL

### 4.1 Buttons

Sensor field / Button	Function	Description
	MINUTE MINDER	To set the MINUTE MINDER. Hold it for more than 3 seconds to turn on or turn off the oven lamp.
	CLOCK	To set a clock function.
	TEMPERATURE	To check the oven temperature or the temperature of the core temperature sensor (if applicable). Use only while a heating function operates.

### 4.2 Display



- A. Timer
- B. Heat-up and residual heat indicator
- C. Water drawer (selected models only)
- D. Core temperature sensor (selected models only)
- E. Door lock (selected models only)
- F. Hours / minutes
- G. Demo mode (selected models only)
- H. Clock functions

## 5. BEFORE FIRST USE



**WARNING!**  
Refer to Safety chapters.



To set the Time of day refer to "Clock functions" chapter.



Refer to "Care and cleaning" chapter.

Clean the oven and the accessories before first use.  
Put the accessories and the removable shelf supports back to their initial position.

### 5.1 Initial Cleaning

Remove all accessories and removable shelf supports from the oven.

## 6. DAILY USE










**WARNING!**  
Refer to Safety chapters.





### 6.1 Retractable knobs

To use the appliance, press the control knob. The control knob comes out.



## 6.2 Heating functions

Oven function	Application
 Off position	The appliance is off.
 Fast Heat Up	To decrease the heat-up time.
 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 Top / Bottom Heat.
 Pizza Setting	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 Top / Bottom Heat.
 Conventional Cooking (Top / Bottom Heat)	To bake and roast food on one shelf position.
 Bottom Heat	To bake cakes with crispy bottom and to preserve food.
 Defrost	This function can be used for defrosting frozen foods, such as vegetables and fruits. The defrosting time depends on the amount and size of the frozen food.

Oven function	Application
 Moist Fan Baking	To bake breads, cakes and cookies. To save energy during cooking. This function must be used in accordance with the Moist Fan Baking table in order to achieve the desired cooking result. To get more information about the recommended settings, refer to the Hints and Tips chapter, Moist Fan Baking table. This function was used to define the energy efficiency class acc. to EN 60350-1.
 Grilling	To grill flat food and to toast bread.
 Turbo Grilling	To roast larger meat joints or poultry with bones on one shelf position. Also to make gratins and to brown.
 Pyrolysis	To activate the automatic pyrolytic cleaning of the oven. This function burns off residual dirt in the oven.



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

## 6.3 Turning the oven on and off

1. Turn the knob for the oven functions to select an oven function.
2. Turn the knob for the temperature to select a temperature.
3. To turn off the oven, turn the knobs for the oven functions and temperature to the off position.

The lamp turns on when the oven operates.

### 6.4 Fast Heat Up

The fast heat up decreases the heat up time.




Do not put food in the oven when the Fast heat up operates.

1. Turn the knob for the oven functions to set the fast heat up.
2. Turn the knob for the temperature to set the temperature.

The signal sounds when the oven is at the set temperature.






3. Set an oven function.

### 6.5 Heat-up indicator

When the oven function operates, the bars in the display  appear one by one when the temperature in the oven increases, and disappear when it decreases.


## 7. CLOCK FUNCTIONS

### 7.1 Clock functions table


Clock function	Application
 TIME OF DAY	To show or change the time of day. You can change the time of day only when the oven is off.
 DURATION	To set how long the oven operates. Use only when an oven function is set.
 END	To set when the oven turns off. Use only when an oven function is set.
 TIME DELAY	Combination of DURATION and END function.
 MINUTE MINDER	Use to set a countdown time. This function has no effect on the operation of the oven. You can set the MINUTE MINDER at any time, also if the appliance is off.

### 7.2 Setting and changing the time



After the first connection to the mains, wait until the display shows **hr** and "12:00". "12" flashes.

1. Turn the knob for the temperature right or left to set the hours.
2. Press  to confirm and switch to set the minutes.





The display shows **min** and the set hour. "00" flashes.


3. Press  to confirm or the set time of day will be saved automatically after 5 seconds.

The display shows the new time.

To change the time of day press  again and again until the indicator for the time of day  flashes in the display.

### 7.3 Setting the DURATION

1. Set an oven function.
2. Press  again and again until  starts to flash.
3. Turn the knob for the temperature right or left to set the minutes and press  to confirm. Turn the knob for the temperature right or left to set the hours and press  to confirm.

When the set Duration time ends the signal sounds for 2 minutes.  and time setting flash in the display. The oven turns off automatically.

4. Press any button or open the oven door to stop the signal.
5. Turn the knob for the oven functions to the off position.

## 7.4 Setting the END

1. Set an oven function.
2. Press again and again until starts to flash.
3. Turn the knob for the temperature right or left to set the hours and press to confirm. Turn the knob for the temperature right or left to set the minutes and press to confirm.

At the set End time the signal sounds for 2 minutes. and time setting flash in the display. The oven turns off automatically.

4. Press any button or open the oven door to stop the signal.
5. Turn the knob for the oven functions to the off position.

## 7.5 Setting the TIME DELAY function

1. Set an oven function.
2. Press again and again until starts to flash.
3. Turn the knob for the temperature right or left to set the minutes for DURATION time and press to confirm. Turn the knob for the temperature right or left to set the hours for DURATION time and press to confirm.

The display shows flashing .

4. Turn the knob for the temperature right or left to set the hours for END time and press to confirm. Turn the knob for the temperature right or left to set the minutes for END time and press to confirm.

Oven turns on automatically later on, works for the set DURATION time and stops at the set END time.

At the set END time the signal sounds for 2 minutes. and time setting flash in the display. The oven turns off.

5. Press any button or open the oven door to stop the signal.
6. Turn the knob for the oven functions to the off position.

## 7.6 Setting the MINUTE MINDER

Minute minder can be both set when the oven is turned on and off.

1. Press 3sec.
2. and "00" flash in the display. Turn the knob for the temperature right or left to set the seconds and then the minutes. When the time you set is longer than 60 minutes, **hr** flash in the display.
3. Set the hours.
4. The MINUTE MINDER starts automatically after 5 seconds. After 90% of the set time the signal sounds.
5. When the set time ends the signal sounds for 2 minutes. "00:00" and flash in the display. Press any button to stop the signal.

# 8. USING THE ACCESSORIES



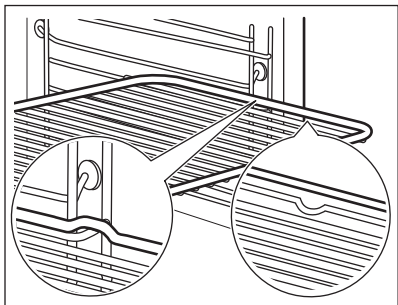
### WARNING!

Refer to Safety chapters.

## 8.1 Inserting the accessories

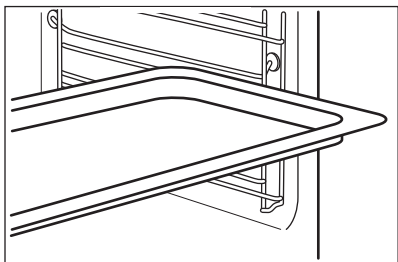
Wire shelf:

Push the shelf between the guide bars of the shelf support and make sure that the feet point down.



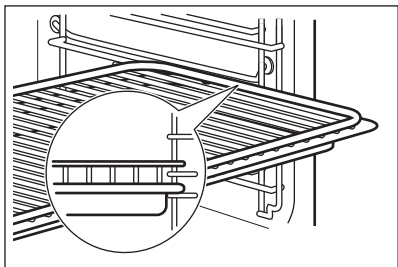
Deep pan:

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



Wire shelf and deep pan together:

Push the 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.

## 8.2 Telescopic runners - inserting the accessories

With the telescopic runners you can put in and remove the shelves more easily.



### CAUTION!

Do not clean the telescopic runners in the dishwasher. Do not lubricate the telescopic runners.



### CAUTION!

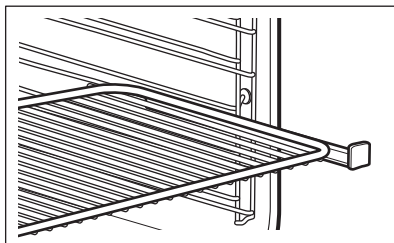
Make sure you push back the telescopic runners fully in the oven before you close the oven door.

Wire shelf:

Put the wire shelf on the telescopic runners so that the feet point downwards.

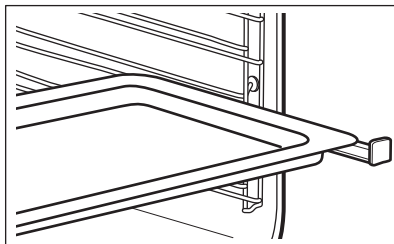


The high rim around the wire shelf is a special device to prevent the cookware from slipping.



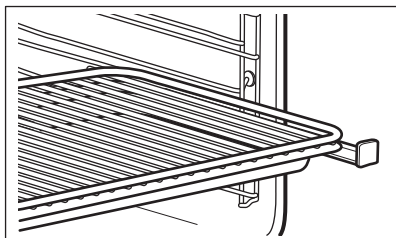
Deep pan:

Put the deep pan on the telescopic runners.



Wire shelf and deep pan together:


Place the wire shelf and the deep pan together on the telescopic runner.





## 9. ADDITIONAL FUNCTIONS

### 9.1 Using the Child Lock

When the Child Lock is on the oven cannot be turned on accidentally.


1. Ensure the knob for the oven functions is in the off position.
2. Press and hold  and **°C** at the same time for 2 seconds.

The signal sounds. **SAFE** and  appear on the display.

 The symbols appear on the display also when Pyrolysis function operates.

To turn off the Child Lock, repeat step 2.

### 9.2 Residual heat indicator

When you turn off the oven, the display shows the residual heat indicator  if the temperature in the oven is more than 40 °C.


### 9.3 Automatic Switch-off

For safety reasons the appliance deactivates automatically after some

time if an oven function operates and you do not change any settings.

Temperature (°C)	Switch-off time (h)
30 - 115	12.5
120 - 195	8.5
200 - 230	5.5

After an automatic switch-off, press any button to operate the appliance again.

 The Automatic switch-off does not work with the functions: Light, Duration, End.

### 9.4 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 below tables provide you with the standard settings for temperature, cooking time and shelf position.

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 oven functions, recommended shelf positions and temperatures for dishes.

## 10.3 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.

## 10.4 Tips on baking

Baking results	Possible cause	Remedy
The bottom of the cake is not browned sufficiently.	The shelf position is incorrect.	Put the cake on a lower shelf.
The cake sinks and becomes soggy, lumpy or streaky.	The oven temperature is too high.	The next time you bake, set a slightly lower oven temperature.
The cake sinks and becomes soggy, lumpy or streaky.	The baking time is too short.	Set a longer baking time. <b>You cannot decrease baking times by setting higher temperatures.</b>
The cake sinks and becomes soggy, lumpy or streaky.	There is too much liquid in the mixture.	Use less liquid. Be careful with mixing times, especially if you use a mixing machine.
The cake is too dry.	The oven temperature is too low.	The next time you bake, set a higher oven temperature.
The cake is too dry.	The baking time is too long.	The next time you bake, set a shorter baking time.
The cake browns unevenly.	The oven temperature is too high and the baking time is too short.	Set a lower oven temperature and a longer baking time.
The cake browns unevenly.	The mixture is unevenly distributed.	Spread the mixture evenly on the baking tray.
The cake is not ready in the baking time given.	The oven temperature is too low.	The next time you bake, set a slightly higher oven temperature.

## 10.5 Baking on one level:

### Baking in tins

Food	Function	Temperature (°C)	Time (min)	Shelf position
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	True Fan Cooking	170 - 180 <sup>1)</sup>	10 - 25	2
Flan base - sponge mixture	True Fan Cooking	150 - 170	20 - 25	2
Cheesecake	Top / Bottom Heat	170 - 190	60 - 90	1

<sup>1)</sup> Preheat the oven.

### Cakes / pastries / breads on baking trays

Food	Function	Temperature (°C)	Time (min)	Shelf position
Plaited bread / Bread crown	Top / Bottom Heat	170 - 190	30 - 40	3
Christmas stollen	Top / Bottom Heat	160 - 180 <sup>1)</sup>	50 - 70	2
Bread (rye bread): 1. First part of baking procedure. 2. Second part of baking procedure.	Top / Bottom Heat	1. 230 <sup>1)</sup> 2. 160 - 180	1. 20 2. 30 - 60	1
Cream puffs / Eclairs	Top / Bottom Heat	190 - 210 <sup>1)</sup>	20 - 35	3
Swiss roll	Top / Bottom Heat	180 - 200 <sup>1)</sup>	10 - 20	3
Cake with crumble topping (dry)	True Fan Cooking	150 - 160	20 - 40	3
Buttered almond cake / Sugar cakes	Top / Bottom Heat	190 - 210 <sup>1)</sup>	20 - 30	3
Fruit flans (made with yeast dough / sponge mixture) <sup>2)</sup>	True Fan Cooking	150	35 - 55	3
Fruit flans (made with yeast dough / sponge mixture) <sup>2)</sup>	Top / Bottom Heat	170	35 - 55	3
Fruit flans made with short pastry	True Fan Cooking	160 - 170	40 - 80	3

Food	Function	Temperature (°C)	Time (min)	Shelf position
Yeast cakes with delicate toppings (e.g. quark, cream, custard)	Top / Bottom Heat	160 - 180 <sup>1)</sup>	40 - 80	3

1) Preheat the oven.

2) Use a deep pan.

#### Biscuits

Food	Function	Temperature (°C)	Time (min)	Shelf position
Short pastry biscuits	True Fan Cooking	150 - 160	10 - 20	3
Biscuits made with sponge mixture	True Fan Cooking	150 - 160	15 - 20	3
Pastries made with egg white / Meringues	True Fan Cooking	80 - 100	120 - 150	3
Macaroons	True Fan Cooking	100 - 120	30 - 50	3
Biscuits made with yeast dough	True Fan Cooking	150 - 160	20 - 40	3
Puff pastries	True Fan Cooking	170 - 180 <sup>1)</sup>	20 - 30	3
Rolls	True Fan Cooking	160 <sup>1)</sup>	10 - 25	3
Rolls	Top / Bottom Heat	190 - 210 <sup>1)</sup>	10 - 25	3

1) Preheat the oven.

## 10.6 Bakes and gratins

Food	Function	Temperature (°C)	Time (min)	Shelf position
Pasta bake	Top / Bottom Heat	180 - 200	45 - 60	1
Lasagne	Top / Bottom Heat	180 - 200	25 - 40	1



Food	Function	Temperature (°C)	Time (min)	Shelf position
Vegetables au gratin <sup>1)</sup>	Turbo Grilling	160 - 170	15 - 30	1
Baguettes topped with melted cheese	True Fan Cooking	160 - 170	15 - 30	1
Sweet bakes	Top / Bottom Heat	180 - 200	40 - 60	1
Fish bakes	Top / Bottom Heat	180 - 200	30 - 60	1
Stuffed vegetables	True Fan Cooking	160 - 170	30 - 60	1

<sup>1)</sup> Preheat the oven.

## 10.7 Moist Fan Baking



For best results follow the baking times listed in the table below.

Food	Temperature (°C)	Time (min)	Shelf position
Pasta gratin	200 - 220	45 - 55	3
Potato gratin	180 - 200	70 - 85	3
Moussaka	170 - 190	70 - 95	3
Lasagne	180 - 200	75 - 90	3
Cannelloni	180 - 200	70 - 85	3
Bread pudding	190 - 200	55 - 70	3
Rice pudding	170 - 190	45 - 60	3
Apple cake, made with sponge mixture (round cake tin)	160 - 170	70 - 80	3
White bread	190 - 200	55 - 70	3

## 10.8 Multilevel Baking

Use the function True Fan Cooking.

## Cakes / pastries / breads on baking trays

Food	Temperature (°C)	Time (min)	Shelf position	
			2 positions	3 positions
Cream puffs / Eclairs	160 - 180 <sup>1)</sup>	25 - 45	1 / 4	-
Dry streusel cake	150 - 160	30 - 45	1 / 4	-

<sup>1)</sup> Preheat the oven.

## Biscuits / small cakes / small cakes / pastries / rolls

Food	Temperature (°C)	Time (min)	Shelf position	
			2 positions	3 positions
Short pastry biscuits	150 - 160	20 - 40	1 / 4	1 / 3 / 5
Biscuits made with sponge mixture	160 - 170	25 - 40	1 / 4	-
Biscuits made with egg white, meringues	80 - 100	130 - 170	1 / 4	-
Macaroons	100 - 120	40 - 80	1 / 4	-
Biscuits made with yeast dough	160 - 170	30 - 60	1 / 4	-
Puff pastries	170 - 180 <sup>1)</sup>	30 - 50	1 / 4	-
Rolls	180	20 - 30	1 / 4	-

<sup>1)</sup> Preheat the oven.

## 10.9 Pizza Setting

Food	Temperature (°C)	Time (min)	Shelf position
Pizza (thin crust)	200 - 230 <sup>1)2)</sup>	15 - 20	2
Pizza (with a lot of topping)	180 - 200	20 - 30	2
Tarts	180 - 200	40 - 55	1
Spinach flan	160 - 180	45 - 60	1
Quiche Lorraine	170 - 190	45 - 55	1
Swiss Flan	170 - 190	45 - 55	1

Food	Temperature (°C)	Time (min)	Shelf position
Cheesecake	140 - 160	60 - 90	1
Apple cake, covered	150 - 170	50 - 60	1
Vegetable pie	160 - 180	50 - 60	1
Unleavened bread	230 - 250 <sup>1)</sup>	10 - 20	2
Puff pastry flan	160 - 180 <sup>1)</sup>	45 - 55	2
Flammekuchen (Piz- za-like dish from Al- sace)	230 - 250 <sup>1)</sup>	12 - 20	2
Piroggen (Russian version of calzone)	180 - 200 <sup>1)</sup>	15 - 25	2

<sup>1)</sup> Preheat the oven.

<sup>2)</sup> Use a deep pan.

## 10.10 Roasting

Use heat-resistant ovenware.

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

Put some water in the tray to prevent the meat juices or fat from burning.

Meat with crackling can be roasted in the roasting tin without the lid.

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

To keep meat more succulent:

- roast lean meat in the roasting tin with the lid or use roasting bag.
- roast meat and fish in large pieces (1 kg or more).
- baste large roasts and poultry with their juices several times during roasting.

## 10.11 Roasting tables

Beef

Food	Quantity	Function	Temperature (°C)	Time (min)	Shelf position
Pot roast	1 - 1.5 kg	Top / Bottom Heat	230	120 - 150	1
Roast beef or fillet: rare	per cm of thickness	Turbo Grilling	190 - 200 <sup>1)</sup>	5 - 6	1
Roast beef or fillet: medium	per cm of thickness	Turbo Grilling	180 - 190 <sup>1)</sup>	6 - 8	1
Roast beef or fillet: well done	per cm of thickness	Turbo Grilling	170 - 180 <sup>1)</sup>	8 - 10	1

<sup>1)</sup> Preheat the oven.

## Pork

Food	Quantity (kg)	Function	Temperature (°C)	Time (min)	Shelf position
Shoulder / Neck / Ham joint	1 - 1.5	Turbo Grilling	160 - 180	90 - 120	1
Chop / Spare rib	1 - 1.5	Turbo Grilling	170 - 180	60 - 90	1
Meatloaf	0.75 - 1	Turbo Grilling	160 - 170	50 - 60	1
Pork knuckle (precooked)	0.75 - 1	Turbo Grilling	150 - 170	90 - 120	1

## Veal

Food	Quantity (kg)	Function	Temperature (°C)	Time (min)	Shelf position
Roast veal	1	Turbo Grilling	160 - 180	90 - 120	1
Knuckle of veal	1.5 - 2	Turbo Grilling	160 - 180	120 - 150	1

## Lamb

Food	Quantity (kg)	Function	Temperature (°C)	Time (min)	Shelf position
Leg of lamb / Roast lamb	1 - 1.5	Turbo Grilling	150 - 170	100 - 120	1
Saddle of lamb	1 - 1.5	Turbo Grilling	160 - 180	40 - 60	1

## Game

Food	Quantity (kg)	Function	Temperature (°C)	Time (min)	Shelf position
Saddle / Leg of hare	up to 1	Top / Bottom Heat	230 <sup>1)</sup>	30 - 40	1
Saddle of venison	1.5 - 2	Top / Bottom Heat	210 - 220	35 - 40	1
Haunch of venison	1.5 - 2	Top / Bottom Heat	180 - 200	60 - 90	1

<sup>1)</sup> Preheat the oven.

## Poultry

Food	Quantity (kg)	Function	Temperature (°C)	Time (min)	Shelf position
Poultry portions	0.2 - 0.25 each	Turbo Grilling	200 - 220	30 - 50	1
Half chicken	0.4 - 0.5 each	Turbo Grilling	190 - 210	35 - 50	1
Chicken, poulard	1 - 1.5	Turbo Grilling	190 - 210	50 - 70	1
Duck	1.5 - 2	Turbo Grilling	180 - 200	80 - 100	1
Goose	3.5 - 5	Turbo Grilling	160 - 180	120 - 180	1
Turkey	2.5 - 3.5	Turbo Grilling	160 - 180	120 - 150	1
Turkey	4 - 6	Turbo Grilling	140 - 160	150 - 240	1

## Fish (steamed)

Food	Quantity (kg)	Function	Temperature (°C)	Time (min)	Shelf position
Whole fish	1 - 1.5	Top / Bottom Heat	210 - 220	40 - 60	1

## 10.12 Grilling

- Always grill with the maximum temperature setting.
- Set the shelf into the shelf position as recommended in the grilling table.
- Always set the pan to collect the fat into the first shelf position.

- Grill only flat pieces of meat or fish.
- Always preheat the empty oven with the grill functions for 5 minutes.

**CAUTION!**

Always grill with the oven door closed.

## Grilling

Food	Temperature (°C)	Time (min)		Shelf position
		1st side	2nd side	
Roast beef	210 - 230	30 - 40	30 - 40	2
Filet of beef	230	20 - 30	20 - 30	3
Back of pork	210 - 230	30 - 40	30 - 40	2
Back of veal	210 - 230	30 - 40	30 - 40	2
Back of lamb	210 - 230	25 - 35	20 - 25	3

Food	Temperature (°C)	Time (min)		Shelf position
		1st side	2nd side	
Whole Fish, 500 - 1000 g	210 - 230	15 - 30	15 - 30	3 / 4

## 10.13 Frozen Foods

Use the function True Fan Cooking.

Food	Temperature (°C)	Time (min)	Shelf position
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	200 - 220	20 - 30	3
French Fries, thick	200 - 220	25 - 35	3
Wedges / Croquettes	220 - 230	20 - 35	3
Hash Browns	210 - 230	20 - 30	3
Lasagne / Cannelloni, fresh	170 - 190	35 - 45	2
Lasagne / Cannelloni, frozen	160 - 180	40 - 60	2
Oven baked cheese	170 - 190	20 - 30	3
Chicken Wings	190 - 210	20 - 30	2

## 10.14 Defrost

- Remove the food packaging and put the food on a plate.
- Use the first shelf position from the bottom.
- Do not cover the food with a bowl or a plate, as this can extend the defrost time.
- For large portions of food place an upturned empty plate on the bottom of the oven cavity. Put the food in a deep plate or dish and set it on top of the plate inside the oven. Remove shelf supports if necessary.

Food	Quantity (kg)	Defrosting time (min)	Further defrosting time (min)	Comments
Chicken	1	100 - 140	20 - 30	Put the chicken on an upturned saucer in a big plate. Turn halfway through.
Meat	1	100 - 140	20 - 30	Turn halfway through.
Trout	0.15	25 - 35	10 - 15	-
Strawberries	0.3	30 - 40	10 - 20	-
Butter	0.25	30 - 40	10 - 15	-
Cream	2 x 0.2	80 - 100	10 - 15	Whip the cream when still slightly frozen in places.
Gateau	1.4	60	60	-

### 10.15 Preserving - Bottom Heat

- 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 from the bottom for this function.
- 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).

#### Soft fruit

Food	Temperature (°C)	Cooking time until simmering (min)	Continue to cook at 100 °C (min)
Strawberries / Blueberries / Raspberries / Ripe gooseberries	160 - 170	35 - 45	-

#### Stone fruit

Food	Temperature (°C)	Cooking time until simmering (min)	Continue to cook at 100 °C (min)
Pears / Quinces / Plums	160 - 170	35 - 45	10 - 15

Vegetables

Food	Temperature (°C)	Cooking time until simmering (min)	Continue to cook at 100 °C (min)
Carrots <sup>1)</sup>	160 - 170	50 - 60	5 - 10
Cucumbers	160 - 170	50 - 60	-
Mixed pickles	160 - 170	50 - 60	5 - 10
Kohlrabi / Peas / Asparagus	160 - 170	50 - 60	15 - 20

<sup>1)</sup> Leave standing in the oven after it is deactivated.

**10.16 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.

Vegetables

Food	Temperature (°C)	Time (h)	Shelf position	
			1 position	2 positions
Beans	60 - 70	6 - 8	3	1 / 4
Peppers	60 - 70	5 - 6	3	1 / 4
Vegetables for soup	60 - 70	5 - 6	3	1 / 4
Mushrooms	50 - 60	6 - 8	3	1 / 4
Herbs	40 - 50	2 - 3	3	1 / 4

Fruit

Food	Temperature (°C)	Time (h)	Shelf position	
			1 position	2 positions
Plums	60 - 70	8 - 10	3	1 / 4
Apricots	60 - 70	8 - 10	3	1 / 4
Apple slices	60 - 70	6 - 8	3	1 / 4
Pears	60 - 70	6 - 9	3	1 / 4

**10.17 Information for test institutes**

Tests according to EN 60350-1:2013 and IEC 60350-1:2011.



## Baking on one level. Baking in tins

Food	Function	Temperature (°C)	Time (min)	Shelf position
Fatless sponge cake	True Fan Cooking	140 - 150	35 - 50	2
Fatless sponge cake	Top / Bottom Heat	160	35 - 50	2
Apple pie (2 tins Ø20 cm, diagonally off set)	True Fan Cooking	160	60 - 90	2
Apple pie (2 tins Ø20 cm, diagonally off set)	Top / Bottom Heat	180	70 - 90	1

## Baking on one level. Biscuits

Food	Function	Temperature (°C)	Time (min)	Shelf position
Short bread / Pastry stripes	True Fan Cooking	140	25 - 40	3
Short bread / Pastry stripes	Top / Bottom Heat	160 <sup>1)</sup>	20 - 30	3
Small cakes (20 per tray)	True Fan Cooking	150 <sup>1)</sup>	20 - 35	3
Small cakes (20 per tray)	Top / Bottom Heat	170 <sup>1)</sup>	20 - 30	3

<sup>1)</sup> Preheat the oven.

## Multilevel Baking. Biscuits

Food	Function	Temperature (°C)	Time (min)	Shelf position	
				2 positions	3 positions
Short bread / Pastry Stripes	True Fan Cooking	140	25 - 45	1 / 4	1 / 3 / 5
Small cakes (20 per tray)	True Fan Cooking	150 <sup>1)</sup>	23 - 40	1 / 4	-

<sup>1)</sup> Preheat the oven.

## Grilling

Preheat the empty oven for 5 minutes.

Food	Function	Temperature (°C)	Time (min)	Shelf position
Toast	Grilling	max	1 - 3	5

Food	Function	Temperature (°C)	Time (min)	Shelf position
Beef Steak	Grilling	max	24 - 30 <sup>1)</sup>	4

1) Turn halfway through.

Fast Grilling

Preheat the empty oven for 3 minutes.

Grill with the maximum temperature setting.

Food	Time (min)		Shelf position
	1st side	2nd side	
Burgers	8 - 10	6 - 8	4
Toast	1 - 3	1 - 3	4

## 11. CARE AND CLEANING



### WARNING!

Refer to Safety chapters.

### 11.1 Notes on cleaning

- 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 the oven interior after each use. Fat accumulation or other food remains may result in a fire. The risk is higher for the grill pan.
- Clean stubborn dirt with a special oven cleaner.
- Clean all accessories after each use and let them dry. Use a soft cloth with warm water and a cleaning agent.
- If you have nonstick accessories, do not clean them using aggressive agents, sharp-edged objects or a dishwasher. It can cause damage to the nonstick coating.

### 11.2 Removing the shelf supports

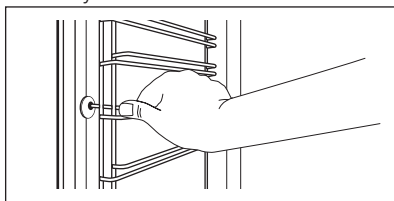
To clean the oven, remove the shelf supports.



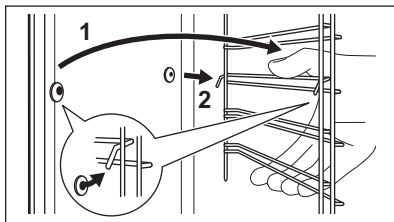
### CAUTION!

Be careful when you remove the shelf supports.

1. Pull the front of the shelf support away from the side wall.



2. Pull the rear end of the shelf support away from the side wall and remove it.



Install the removed accessories in the opposite sequence.



The retaining pins on the telescopic runners must point to the front.

## 11.3 Pyrolysis



### CAUTION!

Remove all accessories and removable shelf supports.



Do not start the Pyrolysis if you did not fully close the oven door. In some models, the display shows "C3" when this error occurs.




### WARNING!

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



### CAUTION!



If there are other appliances installed in the same cabinet, do not use them when the Pyrolysis function operates. It can cause damage to the appliance.


1. Wipe out the cavity with a wet, soft cloth.
2. Clean the inner side of the door with hot water, so that the residues do not burn from the hot air.
3. Set the Pyrolysis function. Refer to "Daily use" chapter, "Oven Functions".
4. When  flashes, turn the knob for the temperature to set the pyrolysis duration:

Option	Description
P1	Light cleaning. Duration: 1 h 30 min.
P2	Normal cleaning. Duration: 3 h.

You can use the END function to delay the start of the cleaning.

During the pyrolysis the oven lamp is off.

5. To change the default length of the pyrolysis (P1 or P2), press  to set , and then turn the knob for the temperature.



6. When the oven is at the set temperature, the door locks. The display shows  and the bars of the heat indicator until the door unlocks.
7. When pyrolysis is completed, the display shows the time of day. The oven door stays locked.
8. When the oven is cool again, the door unlocks.

## 11.4 Cleaning reminder

To remind you that the pyrolysis is necessary, PYR flashes in the display for 10 seconds after each activation and deactivation of the oven.



### The cleaning reminder goes out:

- after the end of the pyrolysis.
- if you press  3sec and  at the same time while PYR flashes in the display.

## 11.5 Replacing the lamp



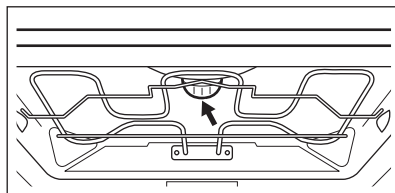
### WARNING!

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. Clean the glass cover.
3. Replace the lamp with a suitable 300 °C heat-resistant lamp.
4. Install the glass cover.

## 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.
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 Child Lock is on.	Refer to "Using the Child Lock".
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.
It takes too long to cook the dishes or they cook too quickly.	The temperature is too low or too high.	Adjust the temperature if necessary. Follow the advice in the user manual.
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 display shows "C3".	The cleaning function does not operate. You did not fully close the door, or the door lock is defective.	Fully close the door.

Problem	Possible cause	Remedy
The display shows "F102".	<ul style="list-style-type: none"><li>You did not fully close the door.</li><li>The door lock is defective.</li></ul>	<ul style="list-style-type: none"><li>Fully close the door.</li><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 "F102" again, contact the Customer Care Department.</li></ul>
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>
The appliance is activated and does not heat up. The fan does not operate. The display shows " <b>Demo</b> ".	The demo mode is activated.	<ol style="list-style-type: none"><li>Deactivate the oven.</li><li>Press and hold at the same time   3sec  °C.</li><li>The first digit on the display and <b>Demo</b> indicator start to blink.</li><li>Enter the code 2468 by turning the knob for the temperature right or left to change the values and press  to confirm.</li><li>The next digit starts to blink.</li><li><b>Demo</b> mode deactivates when you confirm the last digit and the code is correct.</li></ol>

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 appliance cavity. Do not remove the rating plate from the appliance cavity.

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

13. ENERGY EFFICIENCY

13.1 Product Fiche and information according to EU 65-66/2014

Supplier's name	AEG	
Model identification	BPE535120B BPE535120M BPK535120M BPK535120W	
Energy Efficiency Index	81.2	
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	0.69 kWh/cycle	
Number of cavities	1	
Heat source	Electricity	
Volume	71 l	
Type of oven	Built-In Oven	
Mass	BPE535120B	34.5 kg
	BPE535120M	35.0 kg
	BPK535120M	34.5 kg
	BPK535120W	34.5 kg

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13.2 Energy saving



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

General hints

Make sure that the oven door is closed properly when the appliance 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 dishes to improve energy saving.

When possible, do not preheat the oven before you put the food inside.

When the cooking duration is longer than 30 minutes, reduce the oven temperature to minimum 3 - 10 minutes before the end of the cooking time, depending on the duration of the cooking. The residual heat inside the oven will continue to cook.

Use the residual heat to warm up other dishes.

Keep breaks between baking as short as possible when you prepare 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 deactivate earlier in some oven functions.

The fan and lamp continue to operate.

### **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.


### **Moist Fan Baking**

Function designed to save energy during cooking. It operates in such a way that the temperature in the oven cavity may differ from the temperature indicated during a cooking cycle and cooking times may be different from the cooking times in other programmes.

When you use Moist Fan Baking, 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.

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