

## 18270D



## 610842

Bartscher GmbH  
Franz-Kleine-Str. 28  
D-33154 Salzkotten  
Germany

Phone: +49 5258 971-0

Fax: +49 5258 971-120

**Technical Support Hotline:** +49 5258 971-197

[www.bartscher.com](http://www.bartscher.com)



Version: 1.0

Date of preparation: 2021-11-26

## Original instruction manual

1	Safety .....	2
1.1	Explanation of Signal Words.....	2
1.2	Safety instructions.....	3
1.3	Intended Use .....	7
1.4	Unintended Use .....	7
2	General information .....	8
2.1	Liability and Warranty .....	8
2.2	Copyright Protection .....	8
2.3	Declaration of Conformity .....	8
3	Transport, Packaging and Storage .....	9
3.1	Delivery Check.....	9
3.2	Packaging .....	9
3.3	Storage .....	9
4	Technical Data.....	10
4.1	Technical Specifications .....	10
4.2	List of Components of the Appliance .....	11
4.3	Functions of the Appliance.....	12
5	Installation and operation .....	13
5.1	Installation.....	13
5.2	Basics of Thermal Processing in Microwave.....	15
5.3	Cookware Suitable for Use in Microwave .....	15
5.4	Operation .....	17
5.4.1	Appliance Operation.....	17
5.4.2	Settings .....	19
5.4.3	Settings Changes.....	24
6	Cleaning .....	26
6.1	Safety Instructions for Cleaning .....	26
6.2	Cleaning.....	27
7	Possible Malfunctions.....	29
8	Disposal.....	30



**Read this instruction manual before using and keep it available at all times!**

This instruction manual contains information about installation, operation and maintenance of the appliance and constitutes an important source of information and reference guide. The knowledge of all operational and safety instructions included in this manual is a prerequisite for safe and proper handling of the appliance. Additionally, accident prevention, occupational health and safety, and legal regulations in force in the area the appliance is used apply.

Before you start using the appliance, especially before turning it on, read this instruction manual in order to avoid personal injuries and property damages. Improper use may cause damage.

This instruction manual forms an integral part of the product and must be stored in an immediate vicinity of the appliance and be available at all times. The instruction manual should be transferred together with the appliance.

## 1 Safety

EN

This appliance has been manufactured in accordance with technical standards currently in force. However, the appliance may be a source of hazards if used improperly or contrary to its intended purpose. All persons using the appliance must consider information included in this instruction manual and observe safety instructions.

### 1.1 Explanation of Signal Words

Important safety instructions and warning information are indicated in this instruction manual with appropriate signal words. You must strictly follow the instructions, to prevent accidents, personal injuries and property damages.



**DANGER!**

The signal word **DANGER** warns against hazards that lead to severe injuries or death if the hazards are not avoided.



### **WARNING!**

The signal word **WARNING** warns against hazards that may lead to moderate or severe injuries or death if the hazards are not avoided.



### **CAUTION!**

The signal word **CAUTION** warns against hazards that may lead to light or moderate injuries if the hazards are not avoided.

### **IMPORTANT!**

The signal word **IMPORTANT** indicates possible property damages, which may occur if safety instructions are not observed.

### **NOTE!**

The symbol **NOTE** indicates subsequent information and guidelines for the user on usage of the appliance.

EN

## **1.2 Safety instructions**

### **Electrical Current**

- Too high a mains voltage or incorrect installation may cause electric shock.
- The appliance may be connected only if data on the rating plate correspond with the mains voltage.
- To avoid short-circuit, the appliance should be kept dry.
- If there are malfunctions during operation, disconnect the appliance from the power supply.
- Do not touch the appliance's plug with wet hands.
- Never take hold of the appliance if it has fallen into water. Immediately disconnect the appliance from the power supply.
- Any repairs or housing opening may be carried out by professionals and relevant workshops only.
- Do not transport the appliance, holding it by the power cord.
- Do not allow the power cord to come into contact with heat sources or sharp edges.
- Do not bend, pinch nor knot the power cord.

- Always completely unwind the power cord.
- Never place the appliance or other objects on the power cord.
- Always take hold of the plug to disconnect the appliance from the power supply.
- Check the power cord regularly for damage. Do not use the appliance if the power cord is damaged. If this cable is damaged, it must be replaced by customer service or a qualified electrician in order to avoid dangers.

### Flammable Materials

- Never subject the appliance to contact with high temperature sources, e.g.: oven, furnace, open flame, heat generating devices, etc.
- To avoid fire hazard, clean the appliance regularly.
- Do not cover the appliance with, e.g., aluminium foil or cloths.
- Use the appliance only with materials designated to this end and with correct temperature settings. Materials, groceries and left-overs remaining in the appliance may catch fire.
- Never use the appliance near flammable or inflammable materials, e.g.: petrol, spirit, alcohol, etc. High temperature triggers evaporation of these materials, and, as a result of contact with sources of ignition, an explosion may occur.
- In case of fire, disconnect the appliance from the power supply before attempting suitable fire-extinguishing actions.
- Never attempt to extinguish fire with water if the appliance is connected to the power supply. Following extinction of fire, ensure sufficient fresh air inflow.

EN

### Fire or Explosion Hazard

- Do not place any objects inside the appliance (cookbooks, sponges, etc.). Sudden activation of the appliance can cause damage to such objects, and even burn them.
- When heating or cooking food products in containers from flammable materials such as plastic or paper, remain near the appliance as there is a risk of the appliance overheating.
- If objects in the device catch fire, leave the door closed, turn the appliance off and remove the plug from its socket or flip the main circuit breaker switch.
- Do not use metallic pots, pans or covers. Metal may lead to sparks in the cooking chamber. Use only dishes resistant to high temperatures, designed for use in microwave ovens (see sec. 5.3). Risk of fire!
- Do not prepare food products and beverages in closed or sealed containers. Such containers may crack inside the device or injure the user when being opened!

## Safety

---

- Do not use the appliance for preparation of fresh or hard-boiled eggs, either in shell or peeled, as eggs may explode.
- Food products with thick skins, such as potatoes, pumpkins, apples or chestnuts, should be pierced prior to heating.
- Do not place solutions inside containing water, oil or grease, as such a mixture may explode.

## Safety of Microwave Oven Operation

- Do not fry any food products in the appliance. Hot oil can lead to skin burns and/or damage to the appliance.
- Food products prepared in the appliance are heated unevenly. Also, containers are usually hotter than the food products inside. Carefully check the temperature of food products, especially those prepared for children. Risk of burns!
- During the heating of liquids in the microwave oven it is possible that the liquid may reach boiling temperature without externally visible bubbling. For this reason, special care must be taken when handling the container. Even a light bump, e.g. when removing the liquid from the device, may lead to spillage. Risk of burns!
- For that reason avoid using tall, narrow containers with a thin neck.
- Place a spoon (only in exceptional cases use a metallic one) or glass stirrer in the beverage, then place the dish in the center of the rotating tray. Stir the liquid prior to heating and after half the heating time has elapsed. After heating: wait for a moment, carefully stir the liquid, then remove from the cooking chamber.
- As food prepared in the microwave is heated unevenly, the contents of children's bottles must be mixed thoroughly - optimally by shaking – then, before giving the bottle to the child, check the temperature of the food. **Prior to heating food remove the bottle cap and nipple!**

EN

### Microwave Radiation Hazard!

Exposure to microwave radiation may cause bodily injury. To avoid the effects of this risk, follow the safety instructions presented below:

- Do not turn the microwave oven on when the door is open, as the appliance may emit an excess of damaging electromagnetic waves.
- Never change the safety locks!
- It is extremely important to not damage the door and that it can be closed properly. Example of damage to the door which may be unsafe include the following:
  - warping and indentations,
  - cracked and/or properly secured hinges and screws,
  - damaged door seals,
  - cracked glass pane,
  - damaged locking elements.
- The space between the door and the appliance must be free of foreign objects.
- Door seals must be tight and clean, as dirt and damage may allow electromagnetic waves to escape from the microwave oven. Take care to prevent buildup of any residues (e.g. cleaning agents, dust, grease, etc.).

EN

### Operating personnel

- This appliance is not intended to be used by persons (including children) with limited physical, sensory or mental capabilities, nor by persons with limited experience and/or limited knowledge.
- Children should be supervised to ensure that they are not playing with or switching the appliance on.

### Improper Use

- Unintended or prohibited use may cause damage to the appliance.
- The appliance may only be used when its technical condition is flawless and allows for safe operation.
- The appliance may only be used when all connections are executed according to rules of law in force.
- The appliance may only be used when it is clean.
- Use only original spare parts. Never attempt to repair the appliance on your own.
- Do not introduce any changes in the appliance nor modify it.



### 1.3 Intended Use

As described below, every use of the appliance for a purpose differing and/or diverging from its intended standard use, is prohibited and considered to be an unintended use.

The following is an intended use:

- heating-up and defrosting foods with the use of suitable cookware.

### 1.4 Unintended Use

An unintended use may lead to personal injuries or property damages caused by hazardous voltage, fire or high temperature. The appliance may only be used to perform tasks described in this instruction manual.

The following is an unintended use:

- for industrial and laboratory needs,
- as a storage compartment (e.g., for cookware/dishes),
- drying paper, textiles or other flammable materials,
- heating/heating up flammable, harmful, and quickly evaporating liquids or materials, etc.

## 2 General information

### 2.1 Liability and Warranty

All information and instructions in this instruction manual account for legal regulations in force, current level of technical engineering knowledge as well as our expertise and experience, developed over the years. If special models or additional options are ordered, or state-of-the-art technical solutions were implemented, the actual scope of delivery of the appliance may, in some circumstances, differ from descriptions and numerous drawings in this instruction manual.

The manufacturer is not liable for any damages nor faults stemming from:

- failure to observe instructions,
- unintended use,
- technical alterations introduced by the user,
- usage of unapproved spare parts.

We reserve the right to introduce technical modifications to the product, intended for improvement of the appliance and its performance.

EN

### 2.2 Copyright Protection

This instruction manual, and texts, drawings and images included in it, as well as its other components are copyright protected. It is prohibited to reproduce this instruction manual (including its excerpts), in any form and by any means, and to use and/or transfer its content to third parties without manufacturer's written permission. Violation of the above results in obligation to pay compensation. We reserve the right to claim further damages.

### 2.3 Declaration of Conformity

The appliance meets the currently applicable standards and guidelines of the European Union. We confirm the above in the EC Declaration of Conformity. We may provide relevant Declaration of Conformity upon request.

## **3 Transport, Packaging and Storage**

### **3.1 Delivery Check**

Immediately upon reception, check the delivery for completeness and possible shipping damage. In the case of visible transport damage refuse to accept the appliance or accept it conditionally. Mark and note the scope of damage in shipping documents/consignment list of the shipping company and lodge a complaint. Concealed damage must be reported immediately upon its discovery, as compensation claims may only be filed within applicable time limits.

If you find that parts or accessories missing, please contact our Customer Service Department.

### **3.2 Packaging**

Do not dispose of the appliance cardboard box. It may be used to store the appliance when relocating or when shipping the appliance to our service point in the case of any damages.

The packaging and its elements are made of recyclable materials. Particularly, these are: plastic films and bags, cardboard box.

When disposing of the packaging, observe applicable domestic regulations. Recyclable packaging materials should be recycled.

**EN**

### **3.3 Storage**

Leave the packaging closed until installation of the appliance; observe external indications concerning method of placing and storage. Store the packaging in the following conditions only:

- in closed rooms;
- in dry and dust-free surrounding;
- away from aggressive agents;
- in a location protected against sunlight;
- in a location protected against mechanical shocks.

In the case of extended storage (over three months), make sure you check the condition of the packaging and the parts regularly. If needed, replace the packaging with a new one.

## 4 Technical Data

### 4.1 Technical Specifications

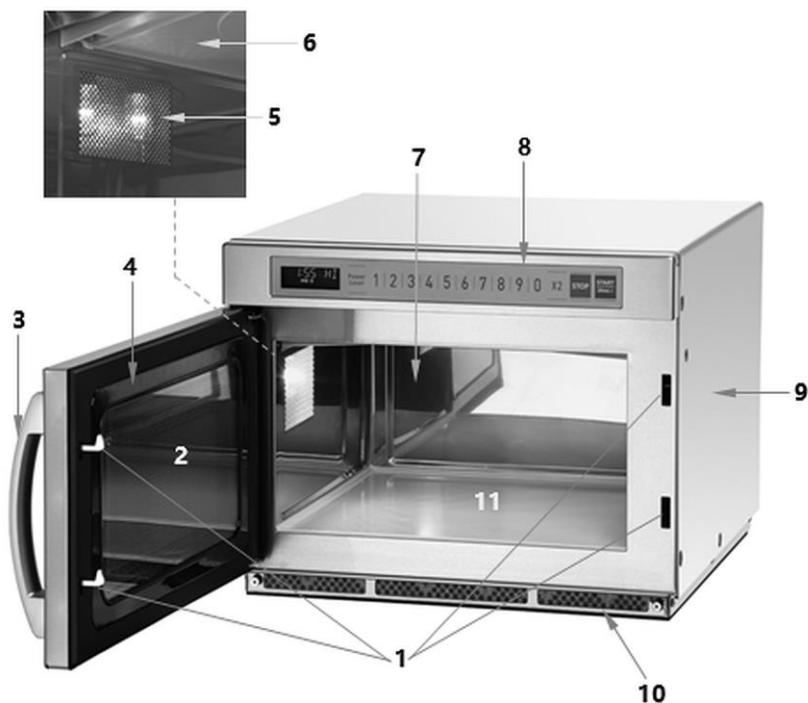
<b>Name:</b>	<b>Microwave 18270D</b>
Art. No.:	<b>610842</b>
Material:	stainless steel
Thermal processing chamber material:	stainless steel, ceramic
Chamber dimensions (W x D x H), in mm:	360 x 360 x 190
Volume, in l:	27
Microwave output, in W:	1800
Number of magnetrons:	2
Programs for setting:	20
Number of power output levels:	5
Time setting, up to, in min.:	60
Connected load:	3,0 kW   230 V   50 Hz
Dimensions (W x D x H), in mm:	465 x 600 x 375
Weight, in kg:	33,5

We reserve the right to implement technical modifications.

### Version / Characteristics

- Functions:
  - heating-up
  - defrosting
- Control: touch
- Timer: digital
- Internal lighting
- Digital display
- Stackable

## 4.2 List of Components of the Appliance



EN

*Fig. 1*

- |                               |                               |
|-------------------------------|-------------------------------|
| 1. Door safety lock system    | 2. Glass pane door            |
| 3. Door handle                | 4. Door seal of the appliance |
| 5. Internal lighting          | 6. Splash guard               |
| 7. Thermal processing chamber | 8. Control panel              |
| 9. Housing                    | 10. Filter                    |
| 11. Ceramic bottom            |                               |

## Messages and Key Functions

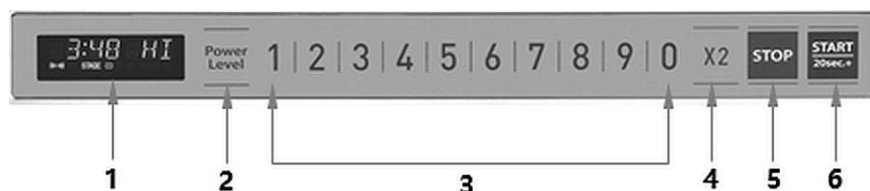


Fig. 2

### 1 Digital display

The digital display shows the set thermal processing time, power output level, selected programs/thermal processing steps, options and current mode.

### 2 Power Level key

Press this key to program the power output of the microwave unit.

### 3 Numpad keys

For setting thermal processing time and thermal processing programs.

### 4 X2 key

By pressing this key twice, you increase the thermal processing time (doubled).

### 5 START key

Press to stop the thermal processing program temporarily or cancel all previous settings.

### 6 START/+20 sec. key

Press to start a thermal processing program or set the fast start of a thermal processing program.

EN

## Acoustic Signals

The appliance generates the following acoustic signals in order to confirm actions:

- One acoustic signal: the appliance has accepted the entry
- Three acoustic signals: the thermal processing time has elapsed.

## 4.3 Functions of the Appliance

The stackable microwave unit with touch control is equipped with over 20 programs used for heating-up and defrosting foods with the power output of up to 1,800 W. The 60-minute timer and 2 magnetrons provide for even, controlled heating-up in the chamber with the volume of 27 litres.

## 5 Installation and operation

### 5.1 Installation

#### Unpacking / Positioning

- Unpack the appliance, remove all external and internal packaging elements and shipment safeguards.



#### CAUTION!

##### Choking hazard!

Prevent children from accessing package materials, for instance: plastic bags and EPS.

- If the appliance is covered with a protective film, remove it. Remove the film slowly, so no glue residues are left. Remove any glue residues with the use of a suitable solvent.
- Be careful not to damage the rating plate and warning labels fixed on the appliance.
- **Never** place the appliance in humid or wet environment.
- Place the appliance in a way making the connections easily accessible, so that they may be quickly disconnected if such a need arises.
- The appliance should be placed on surfaces that are:
  - even, with sufficient bearing capacity, resistant to water, dry and resistant to high temperatures;
  - sufficiently large, and thus enabling usage of the appliance with no problems;
  - easily accessible;
  - well ventilated.
- Maintain sufficient clearance from table edges. The appliance might turn over and fall down.
- To ensure proper functioning, the device must have sufficient ventilation.
- Never block the ventilation ducts!
- It is necessary to maintain the following safe distances:
  - above the device: 20 cm
  - at rear of device: 10 cm
  - at sides of device: 5 cm.

- The device must remain a minimum distance of 2 m from radios, televisions, and other such electronics in order to avoid interference with the signal reception.

### Adaptation for Stacking 2 Appliances

The units of the appliance may be stacked. The maximum stack height is two units of the appliance.

The installation of stacked units is as follows:

1. Stack one microwave unit on another one and remove from each of them connection plates (a, Fig. 3), fixed at the back wall of both units, in the bottom right corner.
2. Use four screws and the connection plate (1) to secure the top and bottom microwave unit.
3. Makes sure that the top microwave unit is safely stacked and on a practical height.

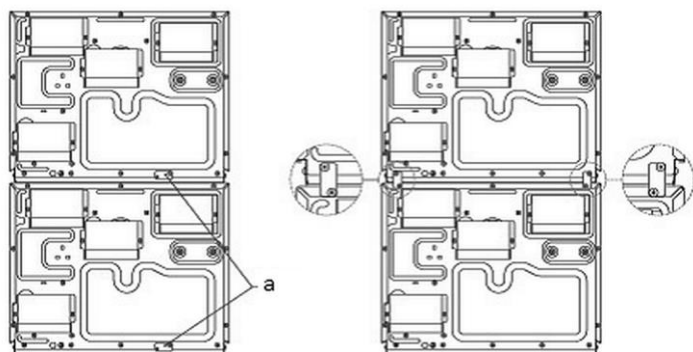


Fig. 3

### Power supply connection

- Verify if technical data of the appliance (see rating plate) correspond with the local electric power grid specification.
- Connect the appliance to a single, properly grounded mains socket with protective contact. Do not connect the appliance to a multi-socket.
- The power cord should be laid in a way preventing anyone from threading on it or tripping against it.



## 5.2 Basics of Thermal Processing in Microwave

Instead of traditional heat sources, a microwave oven applies an electron lamp which emits electromagnetic waves. These waves, like radio waves, are invisible but their effects can be observed. Such waves can pass through materials such as glass, porcelain, artificial materials and paper. As these materials do not contain water, grease or oil, they are not heated by the microwaves. Simply put, the microwaves directly reach the food product, causing molecules of water, grease and oil to vibrate; friction results in the creation of heat which is used for defrosting, heating or cooking. During cooking with microwaves, heat remains inside the product being prepared, in opposition to the processes of boiling or grilling in which heat enters the food from the outside. If the device is not damaged, energy created by the microwaves remains inside the device and does not pose a threat to the user.

- Carefully place food products to be cooked inside the microwave oven, with larger pieces at the outer edges.
- Remember the cooking time. It is best to at first set the shortest possible time and then lengthen cooking time as necessary. Excessive cooking time may cause the food product to smoke or catch fire.
- Cover food products during cooking. This will ensure even cooking and prevent splattering.
- Turn food products over while cooking. This will speed up the process of cooking such products as chicken or hamburgers. Large products, such as a roast, should be turned over at least once.
- Such dishes as dumplings should, after half of the cooking time has elapsed, be turned over, moved from the top to bottom, moved from the outside to the inside, etc.

EN

## 5.3 Cookware Suitable for Use in Microwave

- Check that a dish is suitable to be used in a microwave.

**Test:** place the empty dish together with a glass of water (never activate the device when empty or with only an empty container inside), then heat at the highest power level for 60 seconds. An appropriate dish will be lukewarm. If the dish is hot, it is not appropriate for use in the microwave.

Proper materials for dishes for the microwave allow microwaves to pass through. Energy goes through the container and heats the food product.

- Do not use metallic containers or containers containing metallic parts (e.g. gold strips around the edge of a plate). Microwaves do not pass through metal.

- Do not use products from recycled materials, as they may contain small pieces of metal. If such containers are used, sparks and even fire may result.
- Dishes of oval and round shapes should be used, as food products cook more quickly in the corners of square-shaped containers.
- Wide, flat containers are best suited to use in the microwave as compared to narrow and tall ones. Food products cook evenly in flat dishes.
- To avoid food from baking onto the edge of dishes, you may cover the edges with thin strips of aluminum foil. Do not use too much aluminum foil, and leave a minimum distance of 2.5 to 3.0 cm between the foil and walls of the microwave cooking chamber.

Information in the below table may be helpful in selecting the right cookware:

Cookware piece	Microwave unit operation
Oven-proof glass, ceramics, chinaware	yes
Non oven-proof glass, ceramics, chinaware	no
Oven-proof glass ceramics	yes
Plastic cookware suitable for microwave units	yes
Paper towels	yes
Metal cookware or cookware with metal elements (e.g. gold-plated rim)	no
Aluminium film and aluminium film container	no

### 5.4 Operation

#### 5.4.1 Appliance Operation

1. Remove all items from the thermal processing chamber.
2. Before use, clean the appliance, observing instructions in section 6 'Cleaning'.
3. Leave the door open for the chamber to dry completely.
4. Place a suitable container with food on the ceramic bottom of the thermal processing chamber.
5. Close the appliance door, making sure beforehand whether door seals are free of foreign objects and close well.
6. Depending from the food that is to be prepared, set the required power output level or the program and thermal processing time. Observe indications set forth in section 'Settings'.

#### Warning Indications



#### WARNING

##### **Risk of scalding!**

**Heated foods and the used cookware and appliance surfaces may become very hot.**

Use protective oven mitts to remove containers with food.



#### CAUTION!

##### **Risk of incineration!**

Observe the appliance especially with high output levels.

Reduce the output in the case of abnormal noises, pouring or bubbling of liquids.

## Indications for User

### Opening the Appliance Door

1. To open the appliance door, pull the door handle gently. If the appliance is on, the current thermal processing program will be interrupted.

#### **CAUTION!**

**Before you reach into the thermal processing chamber, leave the door open for a while to let the accumulated heat dissipate.**

### Closing the Appliance Door

1. Close the appliance door until the door safety lock system engages audibly. If the current thermal processing program has been interrupted by opening the door, the current thermal processing program will be continued after pressing START key.

### Thermal Processing Program Selection

1. Use numpad keys to select the required thermal processing program. The program will start automatically.

**EN**

### Quick Start

Use this function to program the appliance to a convenient thermal processing, with 100% of microwave unit power output.

1. Press START key rapidly to set the thermal processing time.

The maximum thermal processing time to be set is 5 minutes.

2. Press START key once to set thermal processing time to 20 sec.; press twice, to set 1 minute.

After two seconds the appliance will automatically start operation.

When the thermal processing time elapses, an acoustic signal sounds 3 times, and 'END' is shown in the digital display.

### Switching the Appliance Off / Stopping Thermal Processing Program

In order to interrupt the current thermal processing program, proceed the following way:

1. Press STOP key once.

The current thermal processing program will be stopped.

2. Open the appliance door.

The current thermal processing program will be stopped.

### NOTE!

To continue the interrupted program, press **START** key after closing the door.

- To end the interrupted program press **STOP** key for the second time.

### NOTE!

At the beginning of the subsequent thermal processing clear the display and reset the system by pressing **STOP** key.

## 5.4.2 Settings

### Manual Programming / Multi-Stage Thermal Processing

During thermal processing in the microwave unit you may adjust the power output level and the processing duration (max. 60 min.).

#### Setting the Power Output Level

- Select the required power output level by pressing the right number of time the Power Level key (table below).

If no key is pressed, the maximum power output level will be set.

Key pressing	Power output		Purpose
1	100%	High	Fast thermal processing and heating-up
2	70%		Gentle thermal processing and heating-up
3	50%	Medium high	Heating of smaller amounts and delicate foods
4	20%	Medium / defrosting	Further cooking
			Fast defrosting
5	>0.5%	Low	Warm-keeping

Tab. 1

#### Setting Thermal Processing Time

- Set the thermal processing time by pressing the right one of the numpad key (1–0).

You may add subsequent thermal processing times using the right power output levels. You may program up to 3 steps for each thermal processing program.

### Starting Thermal Processing Program

1. After selecting the program press START key to save settings.

The first step of the thermal processing indicator light blinks, and the processing time is counted down.

### End of Thermal Processing Program

When the thermal processing time elapses, an acoustic signal sounds 3 times, and 'END' is shown in the digital display.

### Programming with 'Programming Mode'

The user may enter and save 20 thermal processing programs.

#### **NOTE!**

**In order not to switch accidentally to programming mode during regular operation, it may be called up only when the door is open.**

### Programming Mode Selection

1. Press and hold the Power Level key.

The digital display shows 'Program'.

### Thermal Processing Program Selection

1. Press the required numpad keys (1–0).

The digital display shows the selected key.

### Power Output Level Selection

1. Press the Power Level key according to the power output level to be set.

The digital display shows the power output level value in %.

### Thermal Processing Time Selection

1. Set the required thermal processing time using numpad keys (1–0).

The selected thermal processing time is shown in the digital display.

## Installation and operation

You may add subsequent thermal processing times using the right power output level.

### Power Output Level Selection

Press the Power Level key according to the power output level to be set. The digital display shows the power output level value in %.

### Thermal Processing Time Selection

Set the required thermal processing time using numpad keys (1–0). The selected thermal processing time is shown in the digital display.

## Saving

1. After selecting the program press START key to save settings.
2. To remove assignment of a key, press STOP key.

### NOTE!

**The 1–0 numpad keys are programmed by factory default according to the below table.**

Key	Thermal processing time	Power output	Key	Thermal processing time	Power output
1	10 sec.	100%	6	1 min. 30 sec.	100%
2	20 sec.	100%	7	2 min.	100%
3	30 sec.	100%	8	3 min.	100%
4	45 sec.	100%	9	4 min.	100%
5	1 min.	100%	0	5 min.	100%

Tab. 2

### NOTE!

**To select the programmed program simply press the right numpad key, and the thermal processing program will start with the saved specifications.**

## Programming with 'Thermal Processing Coefficient'

The user may manually enter and save the thermal processing coefficient in the thermal processing program.

### Programming Mode Selection

1. Press and hold the Power Level key.

The digital display shows 'Program'.

### Program Selection

1. Press the required numpad key (1–0).

It will be displayed in the digital display.

### Thermal Processing Coefficient Selection

1. Press the X2 key.

The saved thermal processing coefficient is shown in the digital display.

### Thermal Processing Time Selection

1. Set the required thermal processing time using numpad keys (1=10%, 0=100%).

The selected thermal processing time is shown in the digital display. By factory default, the set thermal processing coefficient amounts to 80% – CF:80.

### Saving

1. After selecting the program press START key to save settings.
2. To remove assignment of a key, press STOP key.

## EN

### Thermal Processing Tables

The heating-up/defrosting times provided in the tables below are for reference purpose only. Many factors, such as initial temperature, weight, humidity, of food, etc., may influence the final heating-up/defrosting time. Thus the heating-up/defrosting times should be, if needed, adjusted to such factors.

The heating-up/defrosting times provided in the table below were tested with initial temperatures of:

Chilled food — approx. +5°C; frozen food — approx. -20°C.

#### NOTE!

**When half of the heating-up/defrosting time elapses, food should be rotated or stirred.**

**Program the appliance in 1-minute steps, until the frozen food is fully defrosted.**



<b>Frozen food</b>	<b>Amount</b>	<b>Time</b>	<b>Time after defrosting</b>	<b>Time after defrosting</b>
Beef	500 g	5 min.	20%	15–20 min.
Poultry/whole chicken	1,360 g	25 min.	20%	1–2 hrs
<b>Chilled food</b>	<b>Amount</b>	<b>Time</b>	<b>Time after defrosting</b>	<b>Time after defrosting</b>
Apple pie	1 pcs	1 min. 20 sec.	20%	(do not cover)
Sausages (thick)	450 g	6–7 min.	20%	15–20 min.
Broccoli, carrot, cauliflower	225 g	3 min.	100%	Add 30 ml of water
Peas	225 g	2–3 min.	100%	1–2 min.
<b>Food in room temperature</b>	<b>Amount</b>	<b>Time</b>	<b>Time after defrosting</b>	<b>Time after defrosting</b>
Potatoes	290 g	5–6 min.	100%	3–4 min. Prick each potato in many places
Broccoli, carrot, cauliflower	225 g	2 min.	100%	Add 30 ml of water
Peas	225 g	1–2 min.	100%	1–2 min.
<b>Heating up food</b>	<b>Amount</b>	<b>Time</b>	<b>Time after defrosting</b>	<b>Other</b>
Hamburger	125 g	40 sec.	100%	Do not cover
Cheeseburger	175 g	40 sec.	100%	Do not cover
Tomatoes	400 g	2 min. 30 sec.	100%	
Asparagi	350 g	1 min. 40 sec.	100%	
Apple pie, a piece	1 pcs	15 sec.	100%	Do not cover

*Tab. 3*

### 5.4.3 Settings Changes

The microwave unit's setting may be, if needed, adjusted/changed. In order not to switch accidentally to programming mode during regular operation, it may be called up only when the door is open.

#### Programming Mode Selection

1. Press STOP key once and hold.

The 'Code---' will be shown in the digital display (mode option).

#### Function Selection

1. Press one of the numpad keys (1–0).

The digital display will display the selected number.

2. Press the numpad key again to change the setting.

#### Saving

1. After selecting the program press START key to save settings.

EN

Key	Function	Message	User option (Default factory settings in bold)
1	<b>End of thermal processing signal</b>	Code 1-0	<b>3 long acoustic signals for 3 seconds</b>
		Code 1-1	1 short and 1 long acoustic signal for 3 seconds
		Code 1-2	3-second acoustic signal
		Code 1-3	3 fast acoustic signals for 3 seconds
		Code 1-4	5 fast acoustic signals for 3 seconds
2	<b>Acoustic signal ON / OFF</b>	Code 2-1	<b>Block acoustic signal, when a numpad key is pressed</b>
		Code 2-0	Allows acoustic signal, when a numpad key is pressed

Key	Function	Message	User option <b>(Default factory settings in bold)</b>
3	<b>Manual programming / beginning of a subsequent thermal processing step</b> <b>Acoustic signal ON / OFF</b>	Code 3-0	<b>No acoustic signal, when a subsequent thermal processing step begins</b>
		Code 3-1	Enables acoustic signal, when a subsequent thermal processing step begins
4	<b>Maximum thermal processing time</b>	Code 4-0	<b>Enables maximum 60-minute thermal processing time</b>
		Code 4-1	Enables maximum 10-minute thermal processing time
5	<b>Factory default programmed thermal processing programs</b>	Code 5-0	<b>10 factory default programmed thermal processing programs for numpad key (0-9)</b>
		Code 5-1	200 factory default programmed thermal processing programs for numpad key (0-199)
6	<b>Digital display switches off</b>	Code 6-0	<b>The digital display switches off, when no key is pressed within 1 minute</b>
		Code 6-1	The digital display switches off, when no key is pressed within 2 minutes
		Code 6-2	The digital display switches off, when no key is pressed within 3 minutes
		Code 6-3	The digital display switches off, when no key is pressed within 4 minutes
7	<b>Repeat function</b>	Code 7-0	<b>Repeat function is not allowed-</b>
		Code 7-1	Repeat function is allowed-
8	<b>Information about thermal processing time elapsed</b>	Code 8-0	<b>No information at the end of the thermal processing</b>
		Code 8-1	As long as the digital display is active, information about thermal processing time elapsed will be shown

Key	Function	Message	User option <b>(Default factory settings in bold)</b>
<b>9</b>	<b>Manual Lock function for thermal processing time</b>	Code 8-1	<b>Factory default programmed thermal processing programs may be combined with manual time input</b>
		Code 8-1	Factory default programmed thermal processing programs may be used without manual time input only
<b>0</b>	<b>'Filter Cleaning' message</b>	Code 0-0	<b>The appliance displays the 'Filter Cleaning' message every 90 days</b>
		Code 0-1	The appliance displays the 'Filter Cleaning' message every 60 days
		Code 0-2	The appliance displays the 'Filter Cleaning' message every 30 days
		Code 0-3	The appliance displays the 'Filter Cleaning' message every 10 days
		Code 0-4	The 'Filter Cleaning' message is not displayed

Tab. 4

EN

### NOTE! The 'Filter Cleaning' message reminder

The 'Filter Cleaning' message reminder is displayed for 245 hours. With appliance door closed, the message reminder may be cleared by pressing STOP key and holding it until an acoustic signal is heard.

## 6 Cleaning

### 6.1 Safety Instructions for Cleaning

- Before cleaning, disconnect the appliance from the power supply.
- Leave the appliance to cool down completely.
- Make sure water does not enter the appliance. Do not immerse the appliance in water or other liquids during cleaning. Do not clean the appliance with a pressurized water jet.
- Do not use any sharp or pointed, nor metal implements (knife, fork, etc.). Sharp or pointed implements may damage the appliance, and when in contact with live parts, they may cause electric shock.
- For cleaning, do not use any scouring agents that contain solvents nor corrosive cleaning agents. They may damage the surface.

### 6.2 Cleaning

1. Clean the appliance regularly after the end of each working day, or more frequently if needed.

#### **ATTENTION!**

**To protect elements inside the appliance against damages, do not allow water to enter the appliance through ventilation openings.**

#### **Thermal Processing Chamber and Appliance Door**

1. Remove any food and beverage splatters on internal walls of the appliance and the ceramic bottom with warm water and a soft cloth. With extensive soiling you may use a mild cleaning agent.
2. To remove the entire soiling, wipe the internal side of the appliance door, door seals and neighbouring elements with a damp cloth.
3. If condense water collects on the internal side of the door, remove it with a soft cloth.

Condensed water is collecting when the appliance is used in conditions of high air humidity. The phenomenon of water condensing is normal.

4. To remove odours from inside of the appliance, place a container suitable for use with microwave units filled with a cup of water, and one lemon juice and peel in the microwave unit for approx. 10 minutes at full power output. Then wipe the thermal processing chamber with a soft, dry cloth.
5. After cleaning of the thermal processing chamber, leave the appliance door open until the appliance dries completely.

EN

#### **Housing and Control Panel**

#### **NOTE!**

**Leave the appliance door open to avoid accidental switching on.**

1. Wipe the housing and control panel with a soft, damp cloth only.

### Filter

1. Periodically clean the filter located in front section of the appliance.

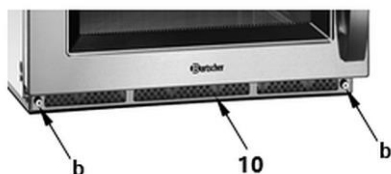


Fig. 4

2. Undo right and left hand side screws (b) by rotating them counter-clockwise.
3. Remove the filter (10).
4. Clean the filter (10) in warm water with a mild cleaning agent.
5. Rinse the filter (10) in fresh water and disinfect.

6. Leave the filter (10) to dry in open air and dry it thoroughly with a soft cloth.
7. Place the filter (10) back in its original location.
8. The fix the filter (10) with screws (a) and the right and left hand side of the appliance.
9. Before you use the appliance, always make sure the filter is installed.

### EN

### Upper Splash Guard

1. Clean the splash guard regularly.

To clean the splash guard, it may be removed.

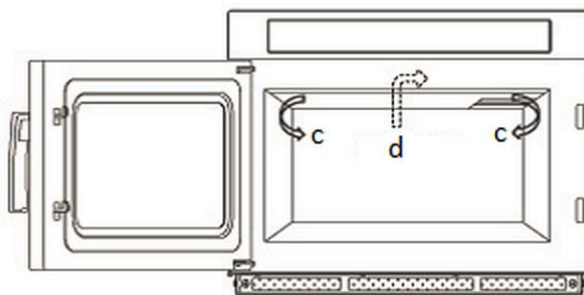


Fig. 5

2. Proceed in the following way (Fig. 5):
  - Press two levels (c) at the left and right hand side, and pull the splash guard lightly down.
  - Press the plug (d) to the right and pull the splash guard down.
  - Remove the splash guard from the thermal processing chamber.

3. Wash the splash guard in warm water and a mild cleaning agent.
4. Rinse in fresh water.
5. To end with, dry the splash guard thoroughly.
6. Install the splash guard in the appliance:
  - Slide it diagonally into the appliance.
  - Then push the splash guard up.
  - Press levers (c) at the left and right hand side in the front section of the guard until they click.

### **ATTENTION!**

**Before use, always install the splash guard.**

## **7 Possible Malfunctions**

The table below contains descriptions of possible causes and solutions to malfunctions or errors during operation of the appliance. When malfunction cannot be removed, contact the technical service.


In such a case, provide article number, model name and serial number. These data may be found in the rating plate.

Error	Possible Cause	Solution
Appliance cannot be switched on	Appliance door are open	Close the appliance door
	Plug is not inserted	Insert the plug into the mains socket
	Power supply fuse is off	Switch the power supply fuse on
	No power supply	Check the electric power supply
When the set time elapses, the food is not defrosted, heated nor cooked accordingly	Incorrectly selected time or output level	Set the time and output level anew Repeat the process
Appliance is operating, but the thermal processing chamber lighting is not operating	Thermal processing chamber lighting damaged	Contact the service company
When the microwave unit operates, unusual noise is heard	Food is covered with an aluminium film	Remove the aluminium film
	Cookware is containing metal and sparks are generated inside the thermal processing chamber	Follow the indications in section ' <b>Cookware Suitable for Microwave Units</b> '

EN

## 8 Disposal

### Electrical Appliance

	<p>Electric appliances are marked with this symbol. Electrical appliances must be disposed of and recycled in a correct and environmentally friendly manner. You must not dispose of electric appliances with household waste. Disconnect the appliance from the power supply and remove power cord from the appliance.</p>
---	---

Electrical appliances should be returned to designated collection points.