

## **1/1 Cool + Hot**



**500851**

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: 2019-10-01

---

## Original instruction manual

1	Safety .....	2
1.1	Explanation of signal words .....	2
1.2	Safety instructions.....	3
1.3	Intended use .....	6
1.4	Unintended use.....	6
2	General information .....	7
2.1	Liability and warranty .....	7
2.2	Copyright protection.....	7
2.3	Declaration of conformity .....	7
3	Transport, packaging and storage .....	8
3.1	Delivery check .....	8
3.2	Packaging .....	8
3.3	Storage .....	8
4	Technical data .....	9
4.1	Technical specifications .....	9
4.2	List of components of the appliance.....	10
4.3	Functions of the appliance .....	11
5	Installation and operation .....	12
5.1	Installation.....	12
5.2	Operation .....	13
6	Cleaning .....	15
6.1	Safety Instructions for cleaning .....	15
6.2	Cleaning.....	15
7	Disposal.....	16



**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.

### 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

### Hot surfaces

- Surfaces of the appliance become hot during operation. Burning hazard! High temperature remains for some time after switching the appliance off.
- Do not touch any hot surfaces of the appliance. Use the provided handling elements and holders.
- You may transport and clean the appliance after it cools down entirely.
- It is prohibited to sprinkle hot surfaces with cold water or flammable liquids.

### **Supervised usage only**

- Only supervised appliance may be used.
- Always remain in an immediate vicinity of the appliance.

### **Operating personnel**

- The appliance may only be operated by qualified personnel and trained specialist personnel.
- This appliance may not be operated 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 on the appliance.

### **Improper use**

- Unintended or prohibited use may cause damage to the appliance.
- The appliance may only be used in a technically flawless condition, providing for safe use.
- The appliance may only be used with connections in a technically flawless condition, providing for safe use.
- The appliance may only be used clean.
- Use only original spare parts. Never attempt to repair the appliance on your own.
- Do not attempt to modify nor alter the appliance.

## 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:

- Keeping warm or cooling the prepared food products.

## 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:

- Preparation of food products.
- Using as a refrigerator for long-term storage of food products.



## 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.

### 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.

EN

### 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.

EN

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

### 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>Chafing Dish 1/1 Cool + Hot</b>
Item No.:	500851
Material:	Stainless steel polished, steel painted
Lid material:	Polycarbonate
Handles material:	Stainless steel
Temperature range, min.–max., in °C:	-5 - +75
Volume, in l:	9
Amount of coolant, in g:	R600a / 12
GWP index:	3
Gastronorm:	1/1 GN
Max. GN container depth, in mm:	65
Power supply:	0,7 kW / 230 V / 50 Hz
Dimensions (W x D x H) in mm:	610 x 360 x 450
Weight in kg:	15,5

We reserve the right to implement technical modifications!

### Version / Characteristics

- Heating type: electric, heating film
- Control: electronic, knob
- Functions: cooling, keeping warm
- Temperature control: in 1°C increments
- ON/OFF switch
- Indicator lights: heating up (red), cooling (blue)
- Digital display
- The set includes:
  - 1 GN 1/1 container, D 65 mm, stainless steel
  - lid, transparent, roll-top

## 4.2 List of components of the appliance



EN

- |                                    |                                       |
|------------------------------------|---------------------------------------|
| 1. Roll-top lid                    | 2. GN 1/1 container for food products |
| 3. ON/OFF switch (operator's side) | 4. Lower housing                      |
| 5. Control panel                   | 6. Footed stand                       |
| 7. IEC socket (operator's side)    | 8. Carrying handle (2 pcs)            |
| 9. Container handle                |                                       |

## Technical data

### Auxiliary equipment (not included in the delivery)



#### Roll-top lid

Chrome-nickel steel

W 525 x D 330 x H 165 mm

Weight: 3.6 kg

**Art. no. 500833**



#### Roll-top lid

Chrome-nickel steel

W 535 x D 365 x H 170 mm

Weight: 3 kg

**Art. no. 500459**

EN

## 4.3 Functions of the appliance

The appliance is equipped with two selectable functions: cooling and keeping warm the food products. Ideal for a space-saving presentation of warm or cold meals/cold drinks, e.g. for a buffet, catering or party service.

## 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.
- Leave at least 20 cm clearance from flammable walls and items.

### 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.
- Do not use the appliance with an external timer or remote control.

## 5.2 Operation

### CAUTION!

**The appliance may be used to store already prepared food products only!**

The appliance is ideal for smart and space-saving presentation of hot and cold food products. It is perfect for a buffet, catering or party service.

- Keeping warm up to +75 °C:
  - vegetables, meat, gratins, etc.
- Cooling up to -5°C:
  - salads, deserts, fish, etc.

EN

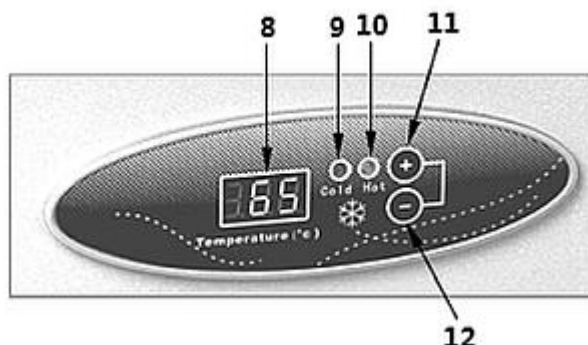
### CAUTION!

**Remember to keep food products cooled or warmed for a maximum of 2 hours (including preparation, storage and serving) in order to ensure food safety!**

### Preparation of the appliance

1. Prior to first use, thoroughly clean the appliance and equipment according to instructions in section 6 “**Cleaning**”.
2. Dry all washed elements and surfaces thoroughly.

### Control Panel



- 8. Digital temperature display
- 9. Cooling mode indicator light (blue)
- 10. Warming mode indicator light (red)
- 11. Temperature increase button
- 12. Temperature decrease button

EN

### Settings

Heating up cold products or cooling down warm products requires some time, that is why we recommend choosing one of these two functions so that the properly prepared food products (heated or cooled) may be served quickly.

1. First, connect the power cord to the IEC socket.
2. Plug the power cord of the appliance into a single grounded socket.
3. Switch the appliance on with the ON/OFF switch at the operator's side of the appliance, by setting it to "I" (ON) position.

For best results, pre-heat or pre-cool the appliance.

4. Depending on the food products (hot or cold), set the temperature in the range of  $-5^{\circ}\text{C}$  –  $+75^{\circ}\text{C}$ .
5. Press the "+" or "-" buttons until the selected temperature is displayed on the digital display.

When the temperature is set above  $40^{\circ}\text{C}$  the red indicator light for the keeping warm mode comes on, whereas at temperatures of  $39^{\circ}\text{C}$  and below the blue control light for cooling mode comes on.



### NOTE!

**The digital display shows the set temperature, not the actual temperature inside the container.**

6. Prepare the required food products (hot or cold) and place them in an appropriate GN 1/1 container.
7. Place the container with food products on the container handles and cover the container with the lid.

When the appliance reaches the set temperature, this temperature is maintained and food is kept warm or cold at this temperature.

8. Open the lid to remove food products from the container.

### WARNING! Risk of burns!

**Hot steam is released when the food is taken out of the container.**

Maintain utmost caution when opening or removing the lid.

9. If the appliance is not to be used any longer, set the ON/OFF switch at the operator's side of the appliance to the "O" (OFF) position.
10. Disconnect the appliance from the socket (pull the plug out).
11. Remove the power cord from the IEC socket at the operator's side of the appliance.

EN

## 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.
2. Remove the roll-top lid and the food container from the appliance.
3. Wash the removed elements thoroughly in warm water with mild cleaning agent.
4. Finally, dry all washed elements thoroughly.
5. The container support, footed stand and lower part of the housing should be cleaned with a soft, damp cloth.
6. Finally, dry the appliance thoroughly.

## 7 Disposal

### Electrical appliance



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.

Electrical appliances should be returned to designated collection points.