

**R4 4 x 1/3 GN**



**305058**

**R6 6 x 1/3 GN**



**305059**

**ENGLISH**

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

This instruction manual contains information about the installation, operation and maintenance of the device and should be consulted as an important source of information and reference guide.

Awareness of the safety instructions and instructions for use in this manual will ensure the safe and correct use of the device.

In addition to the information given here, you should comply with any local Health and safety Controls and generally applicable safety regulations.

The instruction manual forms part of the product and should be kept near the device and easily accessible for anyone carrying out the installation, servicing, maintenance or cleaning.

Please keep these instructions and give them to future owners of the device.

## 1. Safety

This device is designed in accordance with the presently applicable technological standards. However, the device can pose a danger if handled improperly and inappropriately.

All persons using the device must follow the recommendations and instructions in this instruction manual.

### 1.1 Key to symbols

In this manual, symbols are used to highlight important safety instructions and any advice relating to the device. The instructions should be followed very carefully to avoid any risk of accident, personal injury or material damage.



**DANGER!**

This symbol highlights hazards which could lead to injury.



**WARNING!**

This symbol highlights dangerous situations which could lead to injury or death.



### HOT SURFACE!

This symbol is a warning that the device surface is hot when in use. Ignoring this warning may result in burns!



### CAUTION!

This symbol highlights dangerous situations which could lead to light injuries, or damage, malfunction, and/or destruction of the device.



### NOTE!

This symbol highlights recommendations and information aimed for effective and trouble-free device operation.

## 1.2 Safety instructions

- The device is not intended for use by individuals (including children) with physical or mental disabilities, insufficient experience, and/or insufficient knowledge unless such persons are under the care of a person responsible for their safety or have received instructions regarding appropriate use of the device.
- Children should be observed to ensure that they are not playing with or starting the device.
- **Never** leave the device unattended when in use.
- Only use the device indoors.
- The device must be operated in correct and safe technical condition only. In case of operational problems disconnect the device from the power supply (pull the plug from the socket) and contact the service company.

- Prevent access of children to the package materials like plastic bags and foamed polystyrene elements. **Suffocation hazard!**
- Only a qualified technician and using original spare parts and accessories should carry out repairs and maintenance of the device. **Do not attempt to repair the device yourself.**
- Do not use any accessory or spare parts that have not been recommended by the manufacturer. These can be dangerous for the user or lead to damages of the device or personal injury, and further, the warranty expires.
- To prevent hazards and to ensure optimum efficiency, no modifications or alterations to the device that are not explicitly approved by the manufacturer may be undertaken.



## **DANGER! Electric shock hazard!**

To avoid the hazard results please follow the safety instructions below.

- Never allow the power cable to come into contact with heat sources or sharp edges. The power cable should not hang over the side of the working surface. Ensure that no one can step on or trip over the cable.
- The power cable must not be folded, bent or tangled, and must always remain fully unrolled. Never place the device or other objects on the power cable.
- Do not cover the cable. Keep away the cable from operating range and do not immerse it into water.

- Check the power cord regularly for damage. Do not use the device 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.
- The supply cable must be disconnected from the socket only by pulling the plug.
- Never carry or lift the device by the supply cable.
- In any case do not open the device housing. In case of electrical or mechanical modifications the **electric shock hazard** will occur.
- Do not use any acid agents and make sure no water ingresses the device.
- **Never** operate the device with moist hands or standing on wet floor.
- Remove the plug from its socket:
  - when the device is not used,
  - in case of anomalies during operation,
  - before cleaning.



## **HOT SURFACE! Risk of burns!**

To avoid the hazard results please follow the safety instructions below.

- During operation the housing of the device becomes very hot. Do not touch the device! Use designated operating elements and handles.
- After the device has been switched off it remains hot for some time. Before starting cleaning, moving or transporting the device, let the device cool down sufficiently.



## **WARNING! Risk of fire or explosion!**

To avoid the hazard results please follow the safety instructions below.

- Never use the device near flammable or inflammable materials (such as alcohol, spirits, petrol etc). High temperature may cause their evaporation and due to contact with the ignition sources the deflagration may occur, and it may result in personal injuries and material damage.
- In case of fire and before taking relevant fire extinguishing action, disconnect the device from the electric power supply (unplug!).  
Caution: Do not spill water on the device which is still energised.  
**Electric shock hazard!**

### 1.3 Proper use



#### **CAUTION!**

**The device has been designed and built for commercial use and should be operated only by qualified personnel in kitchen facilities.**

The operational safety of the device is assured only in case of proper use, according to the operation manual.

All technical activities like installation and maintenance must be performed by the qualified service personnel only.

**Hot display** is designed only to maintain the temperature of certain dishes.

Do not use the **hot display** for:

- heating-up of flammable, health hazardous and easily evaporating liquids and materials, etc.



#### **CAUTION!**

**Any use going beyond the intended purpose and/or any different use of the device is forbidden and is not considered as conventional.**

**Any claims against the manufacturer or his authorized representative as a consequence of experiencing damages resulting from unconventional use are impossible.**

**The operator is liable for all damages resulting from inappropriate use.**



## 2. General information

### 2.1 Liability and Warrantees

All the information and instructions in this manual take into account standard safety regulations, current levels of technical engineering as well as the expertise and experience we have developed over the years.

The instruction manual was translated with all due care and attention. However, we do not accept liability for any translation errors. The German version of this instruction manual is definitive.

If the delivery consists of a special model, the actual scope of delivery may differ from the descriptions and illustrations in this manual. This is also the case for special orders or when the device has been modified in line with new technology.



#### **CAUTION!**

**Read this manual carefully and thoroughly before any operation of the device, and especially before turning it on!**

Manufacturer **is not liable** for any damages or faults caused by:

- violation of advice concerning operation and cleaning;
- use other than designed;
- alterations made by user;
- use of inadequate spare parts.

We reserve the right to make technical changes for purposes of developing and improving the useful properties.

### 2.2 Copyright protection

The instruction manual including any texts, drawings, images or other illustrations is copyright. No part of this publication may be reproduced, transmitted or used in any form or by any means without permission in writing from the manufacturer. Any person who commits any unauthorized act in relation to this publication shall be liable to claims for damages. All rights reserved.



#### **NOTE!**

**The contents, texts, drawings, pictures and any other illustrations are copyright and subject to other protection rights. Any person unlawfully using this publication is liable to criminal prosecution.**

### 2.3 Declaration of conformity



The device complies with the current standards and directives of the EU. We certify this in the EC declaration of conformity. If required we will be glad to send you the according declaration of conformity.

## 3. Transport, packaging and storage

### 3.1 Delivery check

Please check the delivery upon completeness and transport damage immediately after receipt. In case of visible damage do not accept or accept the delivery with reservation only.

Note the extent of damage on the carrier's bill of delivery. Trigger off the complaint.

Hidden damages should be reclaimed immediately after notice, as claims for damages can only be asserted within the effective period for complaints.

### 3.2 Packaging

Please do not throw away the covering carton of your device as it might be useful for storage purposes, when moving or, in case of damages, when the device must be sent back to a repair center. The outer and inner packing material should be removed completely from the device before installation.



**If you liked to dispose the packing, consider the regulations applicable in your country. Supply re-usable packing materials to the recycling.**

Please inspect the device upon completeness. In case any part is missing please contact our customer service center immediately.

### 3.3 Storage

Keep the package closed until installation and under consideration of the outside indicated positioning- and storage markings.

Packages should be stored under consideration of the following:

- do not store outdoors,
- keep it dry and dust-free,
- do not expose it to aggressive media,
- do not expose it to direct sunlight,
- avoid mechanical shocks and vibration,
- in case of longer storage (> 3 months) make sure you check the state of the packaging and the parts regularly, if required refresh or renew.

## 4. Technical data

### 4.1 Technical specification

<b>Name</b>	<b>Hot display R4 4 x 1/3 GN</b>
Code-No.:	<b>305058</b>
Material:	Stainless steel, glass
Realization:	<ul style="list-style-type: none"> <li>▪ Round front glass</li> <li>▪ Type of glass: <ul style="list-style-type: none"> <li>- Single glazing,</li> <li>- All-round glazing,</li> <li>- Safety glass</li> </ul> </li> <li>▪ Door type: <ul style="list-style-type: none"> <li>- Sliding door</li> <li>- Position of the door: operator side</li> </ul> </li> <li>▪ Heating type: dry heated</li> <li>▪ GN capacity: 4 x GN 1/3</li> <li>▪ Max. GN container depth: 40 mm</li> <li>▪ ON/OFF switch</li> <li>▪ Indicator lights: <ul style="list-style-type: none"> <li>- ON/OFF (red)</li> <li>- Heating-up (orange)</li> </ul> </li> </ul>
Capacity:	46 litres
Temperature adjustment:	Continuous
Temperature range:	30 °C to 90 °C
Power supply:	0.5 kW / 230 V 50 Hz
Dimensions:	W 775 x D 420 x H 335 mm
Weight:	16.2 kg
Accessories:	4 GN containers

We reserve the right to make technical changes!

<b>Name</b>	<b>Hot display R6 6 x 1/3 GN</b>
Code-No.:	<b>305059</b>
Material:	Stainless steel, glass
Realization:	<ul style="list-style-type: none"><li>▪ Round front glass</li><li>▪ Type of glass:<ul style="list-style-type: none"><li>- Single glazing,</li><li>- All-round glazing,</li><li>- Safety glass</li></ul></li><li>▪ Door type:<ul style="list-style-type: none"><li>- Sliding door</li><li>- Position of the door: operator side</li></ul></li><li>▪ Heating type: dry heated</li><li>▪ GN capacity: 6 x GN 1/3</li><li>▪ Max. GN container depth: 40 mm</li><li>▪ ON/OFF switch</li><li>▪ Indicator lights:<ul style="list-style-type: none"><li>- ON/OFF (red)</li><li>- Heating-up (orange)</li></ul></li></ul>
Capacity:	68 litres
Temperature adjustment:	Continuous
Temperature range:	30 °C to 90 °C
Power supply:	0.8 kW / 230 V 50 Hz
Dimensions:	W 1135 x D 420 x H 335 mm
Weight:	22.0 kg
Accessories:	6 GN containers

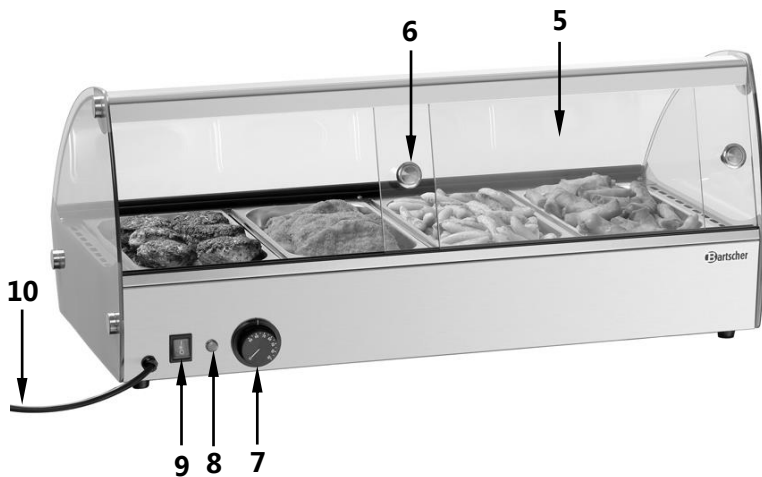
We reserve the right to make technical changes!

## 4.2 Overview of parts

305058



### Operator side view

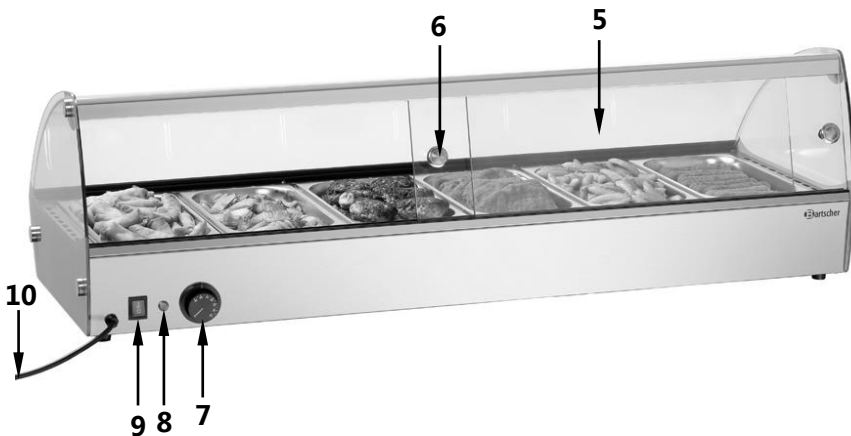


- |                          |   |
|--------------------------|---|
| 1 Housing                | 6 Sliding glass door handle (2)                             |
| 2 Front glass            | 7 Temperature control knob                                  |
| 3 GN container (4)       | 8 Heating-up indicator (orange)                             |
| 4 Rubber feet (4)        | 9 ON/OFF switch with integrated power indicator light (red) |
| 5 Sliding glass door (2) | 10 Power cable  |

300059



## Operator side view



- |                          |   |
|--------------------------|---|
| 1 Housing                | 6 Sliding glass door handle (2)                             |
| 2 Front glass            | 7 Temperature controller knob                               |
| 3 GN container (6)       | 8 Heating-up indicator (orange)                             |
| 4 Rubber feet (4)        | 9 ON/OFF switch with integrated power indicator light (red) |
| 5 Sliding glass door (2) | 10 Power cable  |

## 5. Installation and operation

### 5.1 Installation

#### Positioning

- Unpack the device and remove and dispose of all package materials according to the environment protection regulations.
- Put the device on an even, stable, dry and waterproof surface which is resistant to high temperature.
- **Never** place the device on an inflammable surface.
- **Never** place the device at the edge of a table to avoid tilting or falling.
- **Never** put the device in a moist or wet area.
- Do not place the device near open flame, electric heaters or other heat source.
- When locating the device, make sure the power plug is easily accessible to immediately unplug the device, if necessary.
- Before starting operation, remove the protective film from the device. Remove the film slowly in order not to leave the glue residues. Any glue residues may be removed with use of a suitable solvent.



**CAUTION!**

**Never remove the nameplate and warning signs from the device.**

#### Connection



**DANGER! Electric shock hazard!**

**The device can cause injuries due to improper installation!  
Before installation and connecting the local power grid specification should be compared with that of the device (see rating plate). Connect the device only in case of compliance!**

- The power supply circuit with the socket must be protected by the fuse of at least 16A. Connect the device directly to a single grounded socket. Do not use any power bar or multiple socket.

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## 5.2 Operation

### Prepare the device

- Before first use, thoroughly clean the device and accessories (GN containers), and dry them. Follow instructions in **section 6 “Cleaning”**.

### Device start-up

- Connect the device to a single grounded socket.
- Turn the device on using the ON/OFF switch. The ON/OFF switch integrated indicator light is on and indicating that the device has been connected to electric power supply.

### Heat-up and keep the food warm

- Set the required temperature between 30 °C and 90 °C with the temperature control knob.
- Heat-up the hot display to the set temperature **without food**.



**HOT SURFACE! Risk of burns!**

**During operation, the housing of the device and sliding glass door become very hot.**

**Do not touch them to avoid burns. Operate the device with designated control elements and handles.**

**Use protective gloves or kitchen cloths to fill-up the containers or remove the hot food from the GN containers.**

- The orange heating-up indicator next to the temperature control knob is on. When the set temperature has been reached, the orange heating-up indicator is off.



**NOTE!**

**Before you place the required food in the hot display make sure that the set temperature has been reached.**



- Glass panels are pre-heated, which should prevent accumulation of condensed water when placing food in the hot display.
- In the meantime, prepare required **warm food** and fill the supplied GN 1/3 containers with the food.
- Open the sliding glass door from the hot display operator side and place the GN containers with food onto the surface designed for placing the GN containers.
- Close the sliding glass door of the hot display to limit temperature loss. The food will be kept warm in selected temperature.



- Remove the required food from the operator side and serve.
- When the temperature in the hot display falls down, the heating-up is on again and the heating-up orange indicator is on again.
- When the device is no longer in use, turn it off using **ON/OFF** switch and disconnect from the power supply (pull the plug!).

The device is provided with 2 safety thermostats:

1. **Automatic reset thermostat** turns the device off in case of overheating (above 125 °C). In such a case, disconnect the device from the electric power supply and leave it to cool down. When it has cooled down, you can start using the device as usual.
2. When the automatic reset thermostat is damaged and the device overheats, the **2nd safety thermostat** turns on at 150 °C and it switches off the device. In such a case, contact the customer service or vendor.

## 6. Cleaning



### **WARNING!**

**Before cleaning, switch the device off by pressing ON/OFF switch, disconnect it from the power supply (unplug!) and leave to cool off.**

**The device is not suited for direct washing via water jets. Protect the device from water penetration.**



### **CAUTION!**

**Never use aggressive cleaning agents, such as scouring powders, alcohol-based substances, or solvents which may damage the surfaces of the device.**

- Clean the device regularly at the end of the working day, also in the meantime if necessary, or when the device is not to be used for longer time.
- Open the sliding glass door and remove the GN containers with food from the hot display, store the food in a refrigerator so that it will not go bad.
- To make cleaning the device easier, remove the sliding glass door by slightly lifting it up and removing. Clean the sliding glass door with a soft, damp cloth and finish with drying.
- Wipe the side glass and front glass from the inside and outside with a soft cloth soaked in warm water and mild cleaning agent.
- Thoroughly clean the surface designed for the GN containers with disinfectant intended to be brought in contact with food and a soft cloth. Wipe the cleaned surfaces with clean water and dry thoroughly.
- Replace the sliding glass door.
- Thoroughly clean the GN containers with a soft cloth and mild cleaning agent.

## When the device will not be used for a longer time:

- Turn the device off using the ON/OFF switch and unplug;
- Remove all the food from the display;
- Clean the device from inside and outside as instructed above;
- Wipe the device and dry thoroughly;
- Leave the sliding glass door open until the device is completely dry.

## 7. Waste disposal

### Discarding old devices

At the end of its service life the discarded device has to be disposed in accordance with the national regulations. It is advisable to contact a company which is specialized in waste disposal, or just contact the local disposal service in your community.



**WARNING!**

**To exclude any abuse and the dangers involved make the waste device unfit for use before disposal.**

**For that purpose disconnect device from mains supply and remove mains connection cable from the device.**



**CAUTION!**



**For the disposal of the device please consider and act according to the national and local rules and regulations.**