

235L**700235G****Bedienungsanleitung****Kühlvitrine**

Seite 1 bis 16

D/A/CH**Instruction manual****Refrigerated showcase**

from page 17 to 32

GB/UK**Mode d'emploi****Vitrine réfrigérée**

de page 33 à page 48

F/B/CH

ENGLISH
Translation
of the original instruction manual



Read these instructions before using and keep them available at all times!

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1. General information

1.1 Information about the instruction manual

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.

1.2 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.



WARNING!

This symbol highlights hazards, which could lead to injury. Please follow the instructions very carefully and proceed with particular attention in these cases.



WARNING! Electrical hazard!

This symbol draws attention to potential electrical hazards. If you do not follow the safety instructions, you may risk injury or death.



CAUTION!

This symbol highlights instructions, which should be followed to avoid any risk of damage, malfunctioning and/or breakdown of the device.



NOTE!

This symbol highlights tips and information, which have to be followed for an efficient and trouble-free operation of the device.

1.3 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.



NOTE!

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.

1.4 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.

1.5 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.

2. Safety

This section provides an overview of all important safety aspects.

In addition every chapter provides precise safety advice for the prevention of dangers which are highlighted by the use of the above mentioned symbols.

Furthermore, attention should be paid to all pictograms, markers and labels on the device, which must be kept in a permanent state of legibility.

By following all the important safety advice you gain an optimal protection against all hazards as well as the assurance of a safe and trouble-free operation.

2.1 General information

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

Knowing the contents of the instruction manual as well as avoiding mistakes and thus operating this device safely and in a fault-free manner is very essential to protect yourselves from the hazards.

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.

This device may only be operated in technically proper and safe condition.

2.2 Safety instructions for use of the device

The specifications regarding the industrial safety are based on the Regulations of the European Union applicable at the time of manufacturing the device.

If the device is used commercially, the user is obliged to ensure that the said industrial safety measures concur with the state of the rules and regulations applicable at the time in question for the entire period of use of the device and to comply with the new specifications.

Outside the European Union, the industrial safety laws applicable at the place of installation of the device and the regional territorial provisions must be complied with.

Besides the industrial safety instructions in the instruction manual, the general safety and accident prevention regulations as well as environment protection regulations applicable for area of application of the device must be followed and complied with.



CAUTION!

- The device can be used by children **8 years and up**, as well as by people with disabilities and those with limited experience/knowledge as long as they are under supervision or have been instructed on proper use of the device and its possible dangers.

- **Children** should not play with the device.
- Cleaning and **maintenance cannot be performed by children** younger than **8 years** old and must be done under supervision.
- **Children under the age of 8 years old** must be kept away from the device and its power cord.
- Please keep these instructions and give them to future owners of the device.
- All people using the device should follow the instructions and tips contained in these instructions.
- Only use the device indoors.

2.3 Intended use

Safe operation is only guaranteed when using the device for its intended purpose.

Any technical interventions, as well as assembly and maintenance are to be made by a qualified customer service only.

The device is intended for home use or in similar places such as:

- in kitchens for store or office employees or in other service locations;
- in suburban properties;
- by guests of hotels, motels and other places of accommodation;
- in Bed & Breakfasts.

The **refrigerated showcase** is designed for cooling of foods and beverages **only**.

Do **not** use the **refrigerated showcase** for any of the following:

- storing flammable or explosive materials such as ether, petrol or glue;
- storing pharmaceutical products or conserved blood.



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.

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.



NOTE!

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

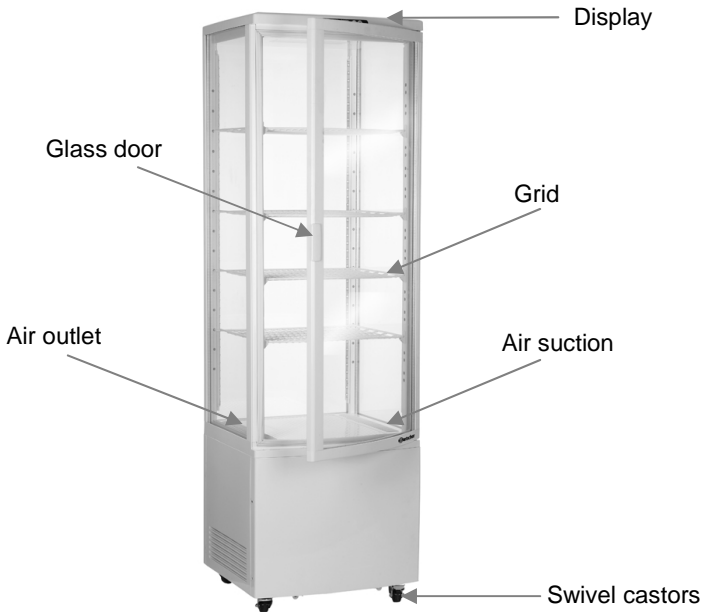
Keep the package closed until installation and under consideration of the outside indicated positioning- and storage markings.

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 Overview of parts



Grid

The height of grid is adjustable for various goods. For adjustment:

1. Take out the grid.
2. Move the grid support on suitable height.
3. Put the grid on the support.

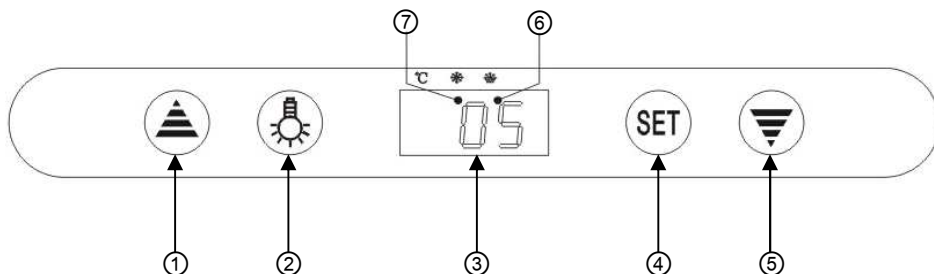
Air suction

Air is sucked in and cold air is circulated inside the refrigerated showcase.
Never block the suction.

Air outlet

Let inside circulating cold air flow out. Never block the air outlet.

Display



- 1 - Button for **raising** temperature
- 2 - Light
- 3 - Temperature indicator
- 4 - Control/programming button
- 5 - Button for **lowering** temperature
- 6 - LCD indicator - defrost
- 7 - LCD indicator - compressor

4.2 Technical specification

Description:	Refrigerated showcase 235L
Code-No.:	700235G
Construction:	4 swivel castors, 2 with brakes
Volume:	235 litres
Cooling agent:	R600a
Refrigeration temperature:	2 °C – 12 °C
Connection:	250 W / 230 V~ 50 Hz
Energy usage:	4 kW / 24 h
Climactic class:	N
Electric shock protection class:	I
Dimensions :	W 520 x D 485 x H 1700 mm
Weight:	77 kg
Accessories:	4 grids

We reserve the right to make technical changes!

5. Installation and operation

5.1 Safety instructions

- 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 lay the cable over carpets or heat insulations. Do not cover the cable. Keep away the cable from operating range and do not dunk it into water.
- Do not use the device in case it does not function properly, has been damaged or dropped.
- 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.
- Do not move or tilt the device when in operation.
- Avoid spraying the device with water, do not expose the device to atmospheric precipitation or other moisture.
- **Never** operate the device with wet hands.

5.2 Installation and connection

Setup

- Unpack the device and remove packing material.
- Put the device in a secure place capable of supporting its weight.
- **Never** place the device on a flammable surface.
- **Do not** locate the device near open flames, electric ovens, heaters or other sources of heat such as direct sunlight. High temperatures can damage the device's surface, reduce cooling power and increase energy consumption.
- In order to avoid failures of the compressor when assembling or transporting the refrigerated showcase, it should not be tilted over an angle of 45° at any time. Always use condenser and door with care as damages affect the optimal use.

- **Maintain** at least 10 cm from walls and other objects to ensure proper circulation of air around the device.
- Never cover the device's ventilation ducts.
- Do not put the device in spaces with high ambient humidity, as this may damage the device.
- Do not drill holes in the device and do not mount any objects on it.
- Do not place any heavy objects on the device.

Connecting the device



WARNING! Hazard via electrical current!

The device can cause injuries due to improper installation!

Before installation the local power grid specification should be compared with that of the device (see type label).

Connect the device only in case of compliance!

The device must only be connected to a properly installed single socket with protective contact.

Never remove the power cable by pulling the cable itself; always grab the plug housing.

- Before beginning to use the device, leave it in place for at least two hours before connecting it to a source of electricity.
- After a power failure or removal of the plug, leave the device unconnected for at least 5 minutes.
- The electrical circuit must be secured to a minimum of 16A. Only connect the device to a wall socket, do not use splitters or power strips.
- Ensure the device's plug is easily accessible if it becomes necessary to quickly disconnect the device.

5.3 Operation

- After unpacking the device and before connecting it, clean the device following the instructions in **6.2 „Cleaning“**.
- Connect the device to a single grounded socket.
- The digital display will show the temperature and the LED cooling indicator will come on.
- The device should reach the set temperature before food and beverages are placed inside.

Setting the temperature

- The ideal temperature settings have been programmed at the factory and are between 2 °C (lower temperature limit) and 6 °C (upper temperature limit). These settings allow the refrigerated showcase to function in the temperature range of approx. 2 °C – 12 °C.



CAUTION!

Factory settings cannot be changed by the user!

- The temperature displayed is the ambient temperature in the area surrounding the sensor.
- If, in spite of that, you would like to change the factory settings it is necessary to contact our customer service center.

LCD indicators



Compressor:



This light comes on when the cooling process is in effect. It remains off as long as the temperature is constant and flashes if the cooling element remains off for too long a time.



Defrost:

This light comes on during the defrost process, goes off when the process finishes, and flashes if the device goes for too long without defrosting.



Lighting

- The device is equipped with two LED lighting strips on the right and left side.
- In order to turn on the lighting in the refrigerated showcase, hold down the button labeled „“ for one second. To turn off, press „“ a second time.

Automatic defrosting

The device automatically defrosts 4 times every 24 hours.

Manual defrost

If cooling capacity falls, for example after leaving the door open for too long, it is necessary to activate manual defrost. Press „“ and hold for 6 seconds to start the manual defrost process. The LCD indicator „“ will come on.

Notes for use

- In order to cool effectively the door should never be opened for a long time. Furthermore, the doors should not be opened too often.
- Never block the air inlet or the air outlet of the refrigerated showcase. In order to guarantee the cooling effect a sufficient air stream must develop.
- The stored foods should have sufficient interspaces to each other. Non-sufficient distances may result affect the cooling performance.
- The heights and distances of the grids should be chosen according to the heights of the foods and beverages.
- Warm foods should be cooled down to room temperature before them in the refrigerated showcase.
- In case of a sudden power breakdown the door should not be opened in order to minimize the loss of cool air.
- After pulling the power plug or a power breakdown the device should not be connected to any power source for at least 5 minutes.



WARNING! Burn hazard!

The surface of the compressor may become very hot during regular use. Therefore, you must never touch the compressor with bare hands.

6. Cleaning and maintenance

6.1 Safety advice

- Before beginning with repair or cleaning works make sure the device has been disconnected from power supply and has cooled down.
- Do not use any acid agents and make sure no water ingresses the device.
- To protect yourself from electric shock, **never** immerse the device, its cables and the plug in water or other liquids.



CAUTION!

The device is not suited for direct washing via water jets. Therefore, you must not use any kind of pressure water jet for cleaning the device!

6.2 Cleaning

- Clean the refrigerated showcase regularly.
- Take out the grids and wash them off using a soft cleaning agent and a soft cloth.
- Clean the inside and outside of the refrigerated showcase by using warm water, a soft cloth and a mild cleaning agent.
- Use clear water for wiping over.
- **Never** use abrasive cleaning agents, e.g. abrasive scouring powder, agents containing alcohol, thinners, which could damage the plastic parts and/or the coating.
- After the cleaning procedure you should use a soft and dry cloth to wipe dry and polish the surface.

When the refrigerated showcase is not in use over longer periods:

- Please pull the power plug from the socket;
- Remove all foods and beverages from the refrigerated showcase;
- Clean the inside and outside of the refrigerated showcase. Remove and clean off all water and mould spots;
- Leave the doors open, so the refrigerated showcase can dry quicker.

6.3 Safety instructions for maintenance

- Inspect the power cable regularly for damage. Never use the device if the cable is damaged. If the power cable is damaged, have an authorised service center or qualified electrician replace it.
- In case of damage or malfunction, please contact your stockist or our customer service centre. Pay attention to the troubleshooting tips in pt. 7.
- 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.**

7. Possible Malfunctions

Problem	Cause	Solution
No cooling effect at all.	<ul style="list-style-type: none">• Plug not connected to socket.• Defective fuse.• Power breakdown.	<ul style="list-style-type: none">• Connect the plug properly.• Check the power supply.• Check the power supply.
Cooling effect insufficient.	<ul style="list-style-type: none">• Direct sunlight or heat sources nearby.• Bad air circulation around the device.• Doors are not closed properly or have been open for too long.• Door sealing is damaged or deformed.• Interspaces between the foods are too small or too many foods are stored.• Air inlet and/or air outlet blocked.	<ul style="list-style-type: none">• Remove the device from the heat source.• Arrange sufficient space between walls and other items.• Properly close the doors. Keep the door opening periods low. Contact the retailer.• Contact the retailer• Arrange sufficient space between the foods in the device and remove dispensable foods.• Keep free/ unblock the air inlet/outlet from (parts of) food or other material.
Heavy noise.	<ul style="list-style-type: none">• The device does not stand on an even surface.• The device touches walls or other items.	<ul style="list-style-type: none">• Set the device on an even surface.• Arrange sufficient space between device and walls and/or other items.
The compressor does not switch off automatically.	<ul style="list-style-type: none">• The device is too full.• Door has been open for too long.	<ul style="list-style-type: none">• Remove dispensable foods.• Keep the door opening periods low.

The aforementioned problems are only examples. If these or other problems appear, turn the device off immediately and stop using it. Ask for help from qualified specialist personnel in examining and repairing the device.

The following are not examples of damage:

1. The sound of flowing water: this happens during normal use, and results from the flow of coolant through the device.
2. **Condensation drops on side glass panes are normal when the ambient humidity is high. Remove the water with a soft, dry cloth.**

Information about error messages appearing on the display

Error	Description	Effects	Assistance
„HH“	Overheating (above 45°C) or short-circuiting of temperature sensor	The compressor comes on for 45 minutes and then shuts down for 15 minutes	Contact your sales agent
„LL“	Temperature too low Open cycle (no connection to temperature sensor)	The compressor comes on for 45 minutes and then shuts down for 15 minutes	Contact your sales agent

8. 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.



NOTE!



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

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