

**700.198G****700.177G** (ohne Abb.)
700.178G**700.158G****Bedienungsanleitung****Mini-Kühlvitrine**

Seite 3 bis 18

D/A/CH**Instruction manual****Mini cooler**

from page 19 to 34

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

de page 35 à page 50

F/B/CH

**Keep this instruction manual
ready to hand at the product!**

1. General Information	20
1.1 Information about the instruction manual	20
1.2 Key to symbols	20
1.3 Liability and Warrantees	21
1.4 Copyright protection	21
1.5 Declaration of conformity	21
2. Safety	22
2.1 General information	22
2.2 Safety instructions for use of the device	22-23
2.3 Intended use	23
3. Delivery, packaging and storage	24
3.1 Delivery check	24
3.2 Packaging	24
3.3 Storage	24
4. Technical data	25
4.1 Overview of parts	25
4.2 Technical specification	26
5. Installation and operation	26
5.1 Safety instructions	26-27
5.2 Installation and connection	27
5.3 Operation	28-30
6. Cleaning and maintenance	30
6.1 Safety advice	30
6.2 Cleaning	31
6.3 Safety instructions for maintenance	31
7. Possible Malfunctions	32-33
8. Waste disposal	34

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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. If you have any questions, you should contact the manufacturer.



NOTE!

Read the instruction manual carefully before using the device. The manufacturer does not accept liability for any damage or malfunction resulting from not following the instructions for use.

The instruction manual should be kept near the device, easily accessible for anyone wishing to work with or using it. 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 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 the device.
- Preserve this manual safely. When passing on/selling the device to a third party, the manuals must be handed over along with the device.
- Every person using the device must act in accordance to the manuals and under consideration of the safety advice.
- The device is to be used indoors only.

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 **mini cooler** is designed for cooling of foods and beverages **only**.

Do **not** use the **mini cooler** for any of the following:

- Storage of inflammable or explosive items such as ether, petroleum or adhesives;
- Storage of pharmaceutical products or units of stored blood.



CAUTION!

Do not use the device for anything beyond or other than its intended use.

The manufacturer and/or authorized parties do not accept any claims resulting from damage caused by using the device not according to its intended use.

The operator is totally liable for any such damage.

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

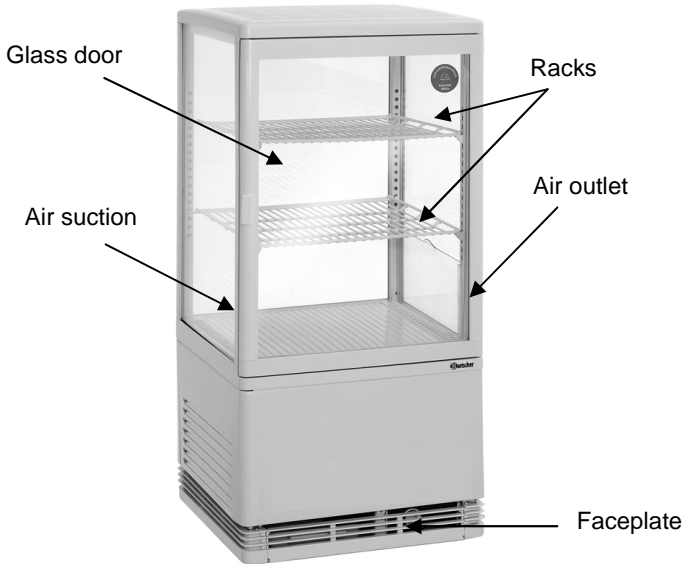
Keep the package closed until installation and under consideration of the outside indicated positioning- and storage markings.

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



Rack

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

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

Air suction

Air is sucked in and cold air is circulated inside the mini cooler. **Never** block the suction.

Air outlet

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

4.2 Technical specification

Description:	Mini cooler		
Item no.:	700.198G (white)	700.177G (black) 700.178G (white)	700.158G (white)
Volume:	98 litres	78 litres	58 litres
Cooling agent:	R600a		
Refrigeration temperature:	approx. 2 – 12°C		
Power:	160 W	160 W	130 W
Connection:	230 V 50 Hz		
Electric shock protection class:	I		
Dimensions W x D x H mm:	425 x 380 x 1100	425 x 380 x 960	425 x 380 x 805
Weight:	approx. 37,5 kg	approx. 32,5 kg	approx. 28,5 kg
Accessories:	4 racks	3 racks	2 racks

Subject to technical changes and alterations!

5. Installation and operation

5.1 Safety instructions



WARNING! Electrical hazard!

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

Never yank cord to disconnect from outlet.

Cable must not touch any hot parts.

- See that the cable does not touch any heat sources or sharp edges. Do not let the cable dangle over the counter edge.
- 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 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 move or tilt the device when in operation.



WARNING! Electrical hazard!

Avoid water splashes on the mini cooler and do not expose the device to rain water, dripping water or any other kind of moisture.



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! Take note of the security advice!

5.2 Installation and connection

- Place the device on top of an even and safe surface which supports the weight of the device.
- Not **at any time** should you place the device on an inflammable surface (such as: table cloth, carpet, etc.).
- You must not position the device near open fireplaces, electric ovens/arc furnaces, furnaces/electric heaters or other heat sources.
- In order to avoid failures of the compressor when assembling or transporting the device, 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.
- Set up the mini cooler at an ample place, where a proper air circulation is possible. A minimum distance of 5 cm must be kept to walls and other items.
- Do not set up the mini cooler at places with high humidity or high temperatures, as these effects may damage the device.
- For the first time use, wait for 2 hours after handling and then plug the wall socket and start it.
- Never punch holes into the mini cooler. Never install foreign matters/ substances on the mini cooler.
- Never put any heavy load on the top of the mini cooler.
- The electrical circuit in the socket must be secured to at least 16A. Only connect the device directly to the wall socket; do not use any extension cords or power strips.
- Place the device so that the plug is easily accessible and can be quickly removed from its socket in case of necessity.

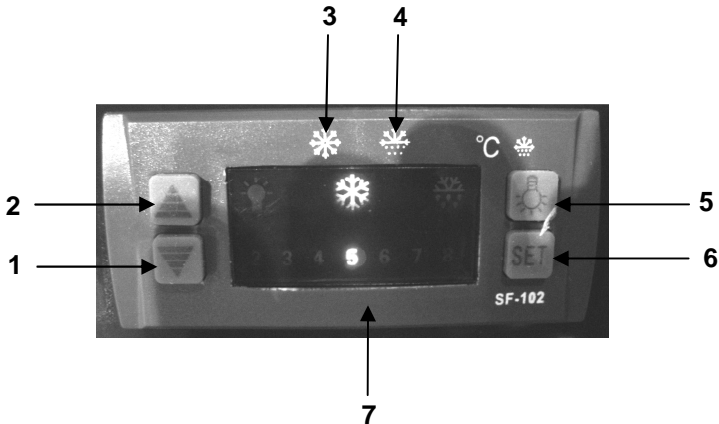
5.3 Operation

Preparation



- Clean the device prior to first use.
- Wash the grids in warm water and mild cleaning agent prior to placing them inside the refrigerated showcase.
- Clean the inside and outside of the device with a soft, moist sponge. Dry the device thoroughly.
- Insert the plug into a grounded outlet.
- Beverages and foodstuffs can only be stored when the device has reached sufficient cooling capacity.

Setting the temperature

- The digital temperature control can be found behind the faceplate down right.
- Just flap down the faceplate in order to adjust the temperature control.





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

- The temperature may be set within a range between 2°C and 12°C.
- Using the buttons marked  or  the temperature may be set to a value within the range given above.
- The table below presents the difference between the temperature for deactivation and activation of the compressor.

Level/ setting	Deactivation temperature – activation temperature
2	2°C - 6°C
3	3°C - 7°C
4	4°C - 8°C
5	5°C - 9°C
6	6°C - 10°C
7	7°C - 11°C
8	8°C - 12°C

- The selected temperature (2-8 °C) is shown on the LCD display.
- The flashing number on the LCD display is the actual temperature inside the unit.
If the temperature inside is equal to or higher than 8 °C, the number 8 will flash on the LCD display.

Lighting

- In order to turn on the lighting in the mini cooler, hold down the button labeled  “ for one second. To turn off, press „  “ a second time.

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.

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 door should not be opened too often.
- Never block the air inlet or the air outlet of the mini cooler. 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 racks 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 mini cooler.
- 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.

6. Cleaning and maintenance

6.1 Safety advice

- Before beginning with repair or cleaning works make sure the device has been disconnected from power socket (pull the power plug!!!) 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.



ATTENTION!

The device is not designed to be directly sprayed off with a water jet. Hence, you must not use pressure water jets for the cleaning of the device!

6.2 Cleaning

- Clean the device regularly.
- Take out the racks and wash them off using a soft cleaning agent and a soft cloth.
- Clean the inside and outside of the mini cooler 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 mini cooler is not in use over longer periods:

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

6.3 Safety instructions for maintenance

- Check the mains connection cable for damage from time to time. Never operate the device when the cable is damaged. A damaged cable must immediately be replaced by customer service or a qualified electrician to avoid dangers.
- 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. • Door is not closed properly or has 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 mini cooler from the heat source. • Arrange sufficient space between walls and other items. • Properly close the door. Keep the door opening periods low. Contact the retailer. • Contact retailer • Arrange sufficient space between the foods in the mini cooler 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"> • Mini cooler does not stand on an even surface. • Mini cooler touches walls or other items. • Parts inside the mini cooler are tottering or falling off. 	<ul style="list-style-type: none"> • Set the mini cooler on an even surface. • Arrange sufficient space between mini cooler and walls and/or other items. • Tighten all loose parts.

Problem	Cause	Solution
The compressor does not switch off automatically.	<ul style="list-style-type: none"> • The mini cooler 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 above described problem cases are given for orientation and as examples. Should these or similar problems occur, please turn off the machine immediately and don't use it anymore. In order to check and repair your machine, please contact a qualified expert or the manufacturer immediately.

The following phenomena are no failures:

1. The sound of flowing water. This may be heard at regular operation and results from the flowing coolant inside the device.
2. The formation of condensed water on the outer glazing is normal at high air humidity. Just wipe off the condensed water by using a soft 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	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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