

40L-SBO



700219G

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.



FIRE HAZARD / FLAMMABLE MATERIALS HAZARD / EXPLOSION HAZARD!

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



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.
- 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 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.

- 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.



WARNING! Fire or explosion hazard!

Follow the safety instructions listed in order to avoid the hazard:

- Do not store the flammable or explosive substances in the device, like ether, kerosene, or glues.
- Do not store gasoline or other flammable substances in the vicinity of the device. The vapours may cause fire or explosion.
- Do not store the explosive objects in the device, like cans with explosive work substances.
- Never use any flammable liquids for cleaning the device or its parts. Danger of burns!
- Do not allow for the cooling circuit damages.

- When a fire arises unplug the power cord from the socket before you initiate appropriate measures for fire-fighting. Provide sufficient supply of fresh air.

Caution: Never extinguish the fire with water when the power plug is connected to the socket. **Electric shock hazard!**

1.3 Proper use



CAUTION!

The device has been designed and manufactured for the industrial use and should be operated only by the qualified personnel of the restaurants, canteens and similar places.

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.

Refrigerated display is designed for **cool storage** of drinks, yoghurts, snacks such as sandwiches, etc., in self-service area.



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 Overview of parts



Operator side view



- 1 Top glass, removable
- 2 Right side glass
- 3 Left side glass
- 4 Baseplate, removable
- 5 Body
- 6 Left side glass
- 7 Digital temperature controller
- 8 ON/OFF switch with integrated power indicator light (red)
- 9 Ventilation slots

4.2 Technical specification

Name	Refrigerated display 40L-SBO
Code-No.:	700219G
Material:	Stainless steel, glass Baseplate: stainless steel
Realization:	<ul style="list-style-type: none">▪ Type of glass: single glazing Safety glass▪ Cooling: static▪ Electronic control▪ Automatic defrost▪ Digital display▪ ON/OFF switch▪ Indicator light: ON/OFF
Coolant:	R600a
Climate class:	4
Capacity:	40 litres
Inner height:	260 mm
Display surface:	Baseplate, stainless steel, removable; Size: W 645 x D 300 mm
Temperature range:	0 °C to 6 °C
Temperature control:	Thermostat, in 1°C steps
Power:	0.105 kW / 220-240 V 50 Hz
Dimensions:	W 670 x D 585 x H 335 mm
Size of opening:	W 650 x D 190 mm
Weight:	25.6 kg

We reserve the right to make technical changes!

5. Installation and operation

5.1 Installation

Positioning

- Before the operation unpack the device and remove all package material and protective foil from the device and equipment.



CAUTION!

Never remove the rating plate and any warning signs from the device.

- Position the device in safe place of load capacity sufficient for weight of the device with full content.
- **Never** place the device on the flammable surfaces.
- In order to avoid the compressor damages do not tilt the device during positioning or transport by more than 45°.
- **Do not** place the device in the vicinity of open fire, electric ovens, heating furnaces, or other heat sources like direct sunlight. High temperature may damage the device surface and may impact the cooling capacity and energy consumption.
- When placing the device, make sure that the ambient temperature is in the range from 10 °C to 32 °C.
- Place the device so that there is sufficient air circulation around it. Keep a distance of at least 10 cm from the walls and other objects.
- **Never** cover or block ventilation ducts or air inlet and outlet.
- **Do not** place the device in the area with high humidity. Relative humidity at the location of the device shall not exceed 70 %. Excessive humidity may affect the cooling power of the device.
- Do not drill any holes and do not mount any other objects in the device or on the device.
- Do not place heavy objects on the device.
- Place the device so that the plug is easily accessible in order to quickly disconnect the device from the power source if necessary.

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!

- Before the first use, the refrigerated display should be installed and left standing for at least 2 hours before it is connected to the power supply.
- After a power failure or removal of the plug, do not reconnect the device to the power supply for at least 5 minutes.
- 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.

5.2 Operation

Preparation

- Read this instruction manual before you start the device.
- Before first use, clean the device, removable top glass and removable baseplate according to the instructions in point **6. "Cleaning"**.
- Place the baseplate on the lower surface of the device and the top glass onto the body of the device.
- Connect the device to a single grounded socket. Turn on the device with the on/off switch located at the operator side. The switch integrated indicator (red light) comes on.
- The digital display shows the set temperature value, and the LCD cooling indicator comes on.
- Place food in the refrigerated display only after the device has reached sufficient cooling power. Take into account the instructions included in point **"Cooling food products"**.

Digital temperature controller

- The digital temperature controller is located at the service side of the unit.



- 1 Temperature **decrease** button
- 2 Temperature **increase** button
- 3 LCD cooling indicator
- 4 LCD defrost indicator
- 5 Manual defrost button
- 6 Adjust/save **setting (SET)** button
- 7 Digital display

LCD Indicators





❄ LCD cooling indicator:

The light **on** indicates cooling, it is **off** when the temperature inside the cabinet remains constant, and **flashes** for delayed start.

❄ LCD defrost indicator:

The light **on** indicates defrosting, it is **off** when defrosting has finished, and **flashes** for delayed defrosting.

Setting the desired temperature (desired value)

- The optimum temperature has been set at the factory and corresponds to the working temperature between 0 °C to 6 °C inside the refrigerated display (depending on the external temperature).
- To set or change the desired value:
 - briefly press the button , the value on the digital display will start flashing;
 - increase or reduce the temperature value as needed using the buttons  or ;
 - confirm the value entered by pressing the button .



NOTE!



If no button is pressed in the next 10 seconds, the digital display will show the temperature inside the refrigerated display.

The display shows the value of temperature which is measured near the temperature sensor and is used for controlling the compressor.

Automatic defrost

The device's automatic defrost cycle runs 3 times every 24 hours.

Manual defrost

When the cooling capacity decreases, it is necessary to perform the manual defrosting. To start the defrosting, press the manual defrost button  and hold it pressed for 6 seconds. The LCD defrost indicator „“ will come on. The next defrost cycle will start in 8 hours.

Cooling food products

- The refrigerated display for self-service areas is provided with a significantly large opening and is ideal for storage of cold drinks, yoghurts, as well as snacks that need cool storage, e.g. sandwiches.
- Prepare products to be cool stored in the refrigerated display.
- Store only packed salads, snacks, yoghurts, etc., in the refrigerated display.
- Immediately after the set temperature has been reached in the interior of the device, it is shown on the digital display and the device is ready for placing relevant food products in.



NOTE!

Do not place warm dishes in the refrigerated display. Cool them down to ambient temperature first.



- Do not overload the device, and leave enough space between the stored food products to provide air circulation via the openings in the baseplate.
- Remove the food products when required.
- When the device is no longer in use, turn it off using ON/OFF switch and disconnect from the power supply (pull the plug!).
- When condensated water has accumulated underneath the baseplate, you can drain it with the hose located on the left side of the device. The hose location is marked as shown in the figure on the right.
- Remove the stopper from the hose and drain the water to a suitable container. Replace the stopper in the hose.



6. Cleaning



WARNING!

Before cleaning, switch the device off via **ON/OFF** switch and disconnect it from the power supply (pull the plug out the socket!).

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



CAUTION!

Never use aggressive or abrasive cleaning agents, such as scouring powders, alcohol-based cleaners, or solvents which may damage the surface of the device.

- Clean the refrigerated display regularly.
- Before cleaning, remove the food products from the refrigerated display and store them temporarily in a refrigerator to prevent their deterioration.

- Remove the top glass and take the baseplate out of the device.
- **Top glass** and **baseplate** should be cleaned with a soft cloth and warm water with mild cleaning agent. Rinse with clean water to remove all traces of the cleaning agent.

- **Refrigerated display** should be cleaned regularly **from inside** with a cleaning disinfectant approved for contact with food.
- Wipe the **body** and **side and top glass** with a soft, damp cloth and mild cleaning agent. Wipe with a cloth and clean water.
- Dry all cleaned surfaces thoroughly afterwards.
- Replace the baseplate and place the top glass on the body.



Storing the device

- If the device is not used for a long time, clean it according to the above description and store in a dry, clean place, protected against cold, sun and, children. Do not place any heavy objects on the device.

7. Possible Malfunctions

In case of malfunction, disconnect the device from its power source. Before contacting the service or sales agent, verify - based on the table below - whether it is possible to eliminate disruption in operation.

Malfunction	Cause	Solution
No cooling	<ul style="list-style-type: none"> • Improperly connected power cord • Electrical circuit safety fuse has gone off • Power outage • Damaged temperature regulator 	<ul style="list-style-type: none"> • Pull the plug and reinsert it into the socket correctly • Check the fuse, check the device by connecting it to another socket • Check the power source • Contact the sales agent
Insufficient cooling capacity	<ul style="list-style-type: none"> • Device is too close to source heat or direct sunlight • Poor air circulation in the device • Improper temperature setting • Device is overfilled 	<ul style="list-style-type: none"> • Ensure sufficient distance between the device and heat sources • Ensure sufficient distance from walls and other objects • Check the settings, set lower temperature value • Remove excess food products
Device emits loud sound	<ul style="list-style-type: none"> • Device is placed on an uneven surface • Device is touching the wall or other objects 	<ul style="list-style-type: none"> • Place the device on an even surface • Ensure sufficient distance from the wall and other objects

If you cannot remove the malfunctions:

- do not open the body,
- notify the customer service point or contact the sales agent, while providing the following information:
 - type of malfunction;
 - article and serial number (rating plate at the rear of the device).

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.



CAUTION!



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