

**40L**



**700212G**

**ENGLISH**  
**Translation**  
**of the original instruction manual**

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**Read these instructions 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 manual.

### 1.1 Safety instructions

- This device may only be operated in technically proper and safe condition.
- 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.
- 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.
- 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.
- 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.
- The device is not adapted for use with an external timer or remote control.
- Do not move or tilt the device when in operation.
- Only use the device indoors.

## 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.*



### **WARNING!**

*This symbol highlights 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.*

## 1.3 Hazard sources



### **DANGER!**

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

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

- Do not use the machine in case of incorrect operation, damages or dropping on the floor. When the cable is damaged it should be replaced by the service company or qualified electrician in order to avoid the hazards.
- 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.

- Never immerse the plug in water or other liquids.
- 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.



### **DANGER!**

#### **Suffocation hazard!**

- Prevent access of children to the package materials like plastic bags and foamed polystyrene elements.



### **WARNING!**

#### **Burn hazard!**

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

- During normal operation the compressor surface may be hot. Do not touch it with bare hands.



### **WARNING!**

#### **Fire or explosion hazard!**

In case of improper operation there is the fire or explosion hazard due to ignition of the device content.

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

- Do not store the flammable or explosive substances in the device, like ether, kerosene, or glues.
- Do not clean the device with use of flammable liquids. The released vapours may cause fire or explosion.
- 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.
- Do not allow for the cooling circuit damages.

## 1.4 Proper use



### CAUTION!

**The device has been designed and constructed only for commercial use and should be operated by qualified personnel of restaurants, cafeterias, bars and similar 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.

**Refrigerated display** is designed for self-service zones for **cooling** beverages, snacks such as sandwiches, 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.



#### 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:

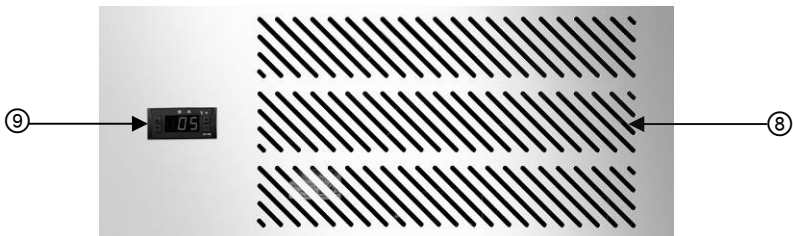
- Do not store outdoors.
- Keep it dry and dust-free.
- Do not expose it to aggressive media.
- Do not expose it to direct sunlight.
- Avoid mechanical shocks and vibration.
- In case of longer storage (> 3 months) make sure you check the state of the packaging and the parts regularly.  
If required refresh or renew.

## 4. Technical data

### 4.1 Overview of parts



### Operational side view



- ① Upper glass pane, removable
- ② Left glass pane
- ③ Right glass pane
- ④ Front glass pane
- ⑤ Baseplate, removable
- ⑥ Feet
- ⑦ Casing
- ⑧ Ventilation holes
- ⑨ Digital temperature controller

## 4.2 Technical specification

<b>Name</b>	<b>Refrigerated display 40L</b>
Art No.:	<b>700212G</b>
Construction:	static cooling, automatic defrost
Material:	stainless steel casing with safety glass
Capacity:	40 litres
Coolant:	R600a / 40 g
Working temperature:	0 °C to 12 °C
Power:	105 W / 230 V~ 50 Hz
Dimensions:	W 670 x D 575 x H 335 mm
Display area:	Stainless steel baseplate, removable W 645 x D 300 mm
Useable height:	260 mm
Weight:	26.6 kg

We reserve the right to make technical changes!

## 5. Installation and operation

### 5.1 Positioning and connection

#### 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.
- During the device installation keep in mind that the environment temperature should not be lower than 0 °C and higher than 32 °C.
- Position the device in such way that free air circulation is assured. **Remain** distance of at least 10 cm from the walls and other objects.
- **Never** cover the ventilation holes of the device.
- Do not bore holes or install other objects in the device.
- Do not place any heavy objects on the upper glass pane the refrigerated display.
- Position the device in such way that the plug is easily accessible for quick disconnecting when required.

## 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!**

**Connect the device only to properly installed single socket with protective terminal.**

- Before use position the device and leave it for at least 2 hours before connecting to the power supply.
- After a power outage or after removing the plug from its socket do not connect the device to a power source 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.

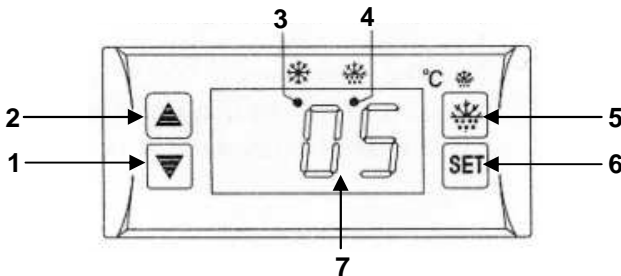
## 5.2 Operation

### Preparations

- Before use, familiarize yourself with the device and its equipment based on this instruction manual.
- Clean the device thoroughly before use, following the instruction in section 6. „**Cleaning**“.
- Place the baseplate in the device and place the upper glass pane on the casing.
- Connect the device to a single grounded outlet. The digital display will show the temperature value and the LED cooling indicator will come on.
- Place the prepared food in the refrigerated display only after the appropriate cooling capacity has been stabilized. Take into account the instructions included in the section „**Cooling of foods**“.

### Digital temperature controller

- **Digital temperature controller is located on the operational side (back side) of the device.**



- 1 Temperature **decrease** button
- 2 Temperature **increase** button
- 3 LCD cooling indicator
- 4 LCD defrost indicator
- 5 Manual defrost button
- 6 “**SET**” - Settings adjust / save button
- 7 Digital display

## LCD indicators



### LCD cooling indicator:





The indicator **is lit continuously** during the cooling process, remains **off** when the temperature in the cooling chamber is stable and **flashes** during the activation delay mode.



### LCD defrost indicator:

This indicator **comes on** during the defrosting process, **goes off** when the defrosting process is finished and **flashes** during the defrost delay mode.

## 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 12 °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

- Prepare food to be cooled in the refrigerated display.
- Only packaged salads, snacks, sandwiches, yoghurts, etc. can be stored in the refrigerated display.
- When the inside of the device reaches the set temperature, the LED cooling indicator will go off and the unit is ready to hold food products.



### NOTE!

**Warm food should be cooled to room temperature prior to placing it in the refrigerated display.**

- Do not overfill the refrigerated display in order to enable free circulation of air coming through the baseplate holes and keep food products at appropriate distance from each other.
- Take out the food products only when and as needed.
- If the device is to remain unused for a period of time, disconnect it from the power supply (pull the plug out the socket!).

## 6. Cleaning



### CAUTION!

**Before cleaning, disconnect the device from the power supply (pull the plug out of the socket!).**

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

**Make sure no water gets into the device.**

- Clean the refrigerated display regularly.
- Remove all food products from the display and store them in the refrigerator during the cleaning to keep them fresh.
- **Never** use aggressive or coarse cleaning agents such as scouring powder, alcohol, solvents or other substances that could damage the device's surfaces.
- Remove the **upper glass pane** and take out **the baseplate** from the device. Clean them with warm water with the addition of mild cleaning agent, then thoroughly dry the cleaned elements.

- Clean the interior and exterior of the **refrigerated display** regularly using a warm water and a disinfectant appropriate for food service applications. Use only soft clothes. Rinse the cleaned surfaces with clean water to remove any leftover cleaning products.
- Clean external parts of the **casing** and **side glass panes** with a wet cloth with mild cleaning agent.
- Dry thoroughly all the cleaned surfaces.
- Place the baseplate inside the device and place the glass plane on the device's casing.

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



## In the case you are unable to solve the problems:

- disconnect the unit from the power supply (unplug!),
- **do not** open the body,
- call the service or contact the seller.

## The following do not indicate failure:

1. Sound of flowing water. The sound you can hear when the unit works normally. The sound is created by the refrigerant circulating in the system.
2. **Water condensation on the outer glass walls is normal at higher humidity. Condensed water should be collected with a soft and dry cloth.**

## 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.**

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