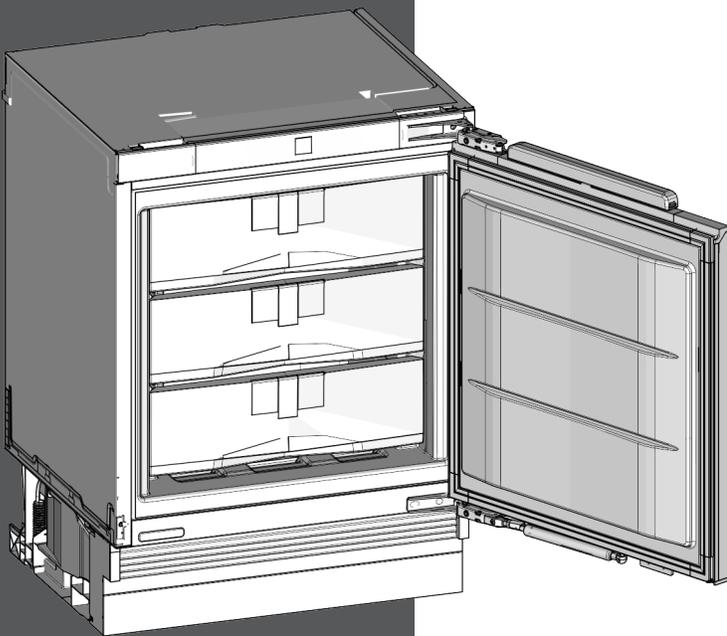


# LIEBHERR

## User Guide

Under-worktop freezer



UF 501  
20221207 7086666 - 02

# The appliance at a glance

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Congratulations on the purchase of your new appliance. With this purchase, you have chosen all the advantages of the latest refrigeration technology, guaranteeing you a high-quality appliance with a long life span and high operating safety.

The equipment of your appliance gives you the highest level of day-to-day ease of operation.

Together we are making an active contribution to the conservation of our environment by purchasing this appliance which is manufactured in an environmentally friendly process with the use of recyclable materials.

We hope you enjoy your new appliance.

The manufacturer is constantly working to improve all models. Therefore please understand that we reserve the right to make design, equipment and technical modifications.

To get to know all the benefits of your new appliance, please read the information contained in these instructions carefully.

The instructions apply to several models, so there may be differences. Sections which only apply to certain appliances are indicated with an asterisk (\*).

**Instructions requiring the user to take action are marked with ►, the results of an action are marked with a ▷.**

## 1 The appliance at a glance

### 1.1 Additional benefits

- Natural coolant
- Energy-optimized refrigerant circuit
- Energy-efficient insulation
- Low energy consumption
- User-friendly electronic controls
- Temperature can be controlled in the appliance independent of ambient conditions according to its climate rating - Temperature can be displayed as °C or °F
- The appliance defrosts automatically - no need to spend time defrosting
- Safety glass storage shelves
- Large freezing capacity
- Shelves can be removed to make space for large items.
- Freezer over-temperature alarm
- Quick-freeze feature for fresh food (SuperFrost)
- Frozen food temperature indicator
- Power outage /FrostControl display
- All freezer drawers suitable for quick-freeze
- Bright LED interior light
- Door ajar alarm
- Handle grips on all extra-large drawers for easy transport
- Integrated transport grips on appliance housing
- Easy to clean
- Door hinges can be reversed
- Door-on-door system for easy kitchen cabinet installation
- Soft stop mechanisms
- This appliance has a SabbathMode function, so you can use it on religious holidays. Further information can be found on the Star-K website [www.star-k.org](http://www.star-k.org).

## 1.2 Overview of the appliance and accessories

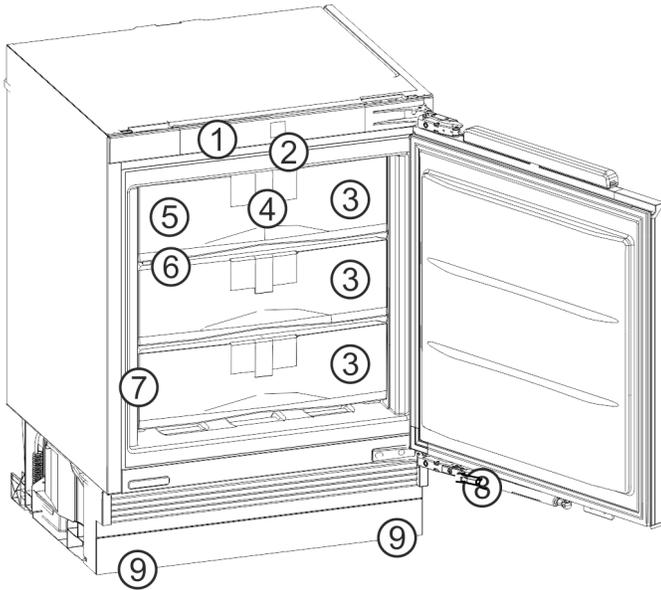


Fig. 1

- (1) Operating and control elements
- (2) Lighting
- (3) Drawers
- (4) Info system
- (5) Freezer pack
- (6) VariaSpace
- (7) Rating plate
- (8) Closing damper
- (9) Adjustable feet

### Note

► Shelves, drawers, and baskets are arranged for optimal energy efficiency in the factory configuration.

## 1.3 Range of appliance use

### Normal use

This appliance is intended to be used in household and similar applications such as,

- staff kitchen areas in shops, offices and other working environments;
- farm houses and by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments;
- catering and similar non-retail applications.

The appliance is suitable for integrated under worktop use

All other types of uses are not permitted.

### Foreseeable misuse

The following uses are specifically prohibited:

- Storage and cooling of medication, blood plasma, laboratory preparations or similar

substances and products in accordance with the CMDCAS and FDA 510(k)

- Use outdoors
- Use in moist areas exposed to the rain
- Use in areas at risk of explosion

Incorrect appliance use can cause damage to the stored products or cause them to spoil.

### Climate ratings

The appliance is set to operate within specific ambient temperature limits according to its climate rating. The climate rating for your appliance is printed on the rating plate.

### Note

► To guarantee trouble-free operation, comply with the indicated ambient temperatures.

Climate rating	for ambient temperatures
SN, N	to 32 °C (90 °F)
ST	to 38 °C (100 °F)
T	to 43 °C (109 °F)

The appliance will function properly in ambient temperatures down to 5 °C (41 °F).

## 1.4 Conformity

The refrigerant circuit has been tested for leaks. When installed, the appliance complies with the applicable safety regulations and with the corresponding directives.

## 1.5 Energy saving

- Always ensure good ventilation. Keep clear of obstruction all ventilation openings in the appliance enclosure or in the structure for building-in.
- Never block air slits in the fan.
- Do not install the appliance in direct sunlight or next to a stove, heater or similar heat source.
- Energy consumption depends on installation conditions such as the ambient temperature (see 1.3 Range of appliance use). A warmer ambient temperature can increase the energy consumption.
- Avoid opening the appliance door for any longer than necessary.
- The lower the temperature is set the higher the energy consumption.
- All food stored in the appliance should be well wrapped and covered. This prevents frost buildup.
- Insertion of warm foods: first let the food cool down to room temperature.

# General safety instructions

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## 2 General safety instructions

Please keep these operating instructions in a safe place so you can refer back to them at any time.

If you pass the appliance on, please hand these operating instructions to the new owner.

Read and follow these instructions. They contain safety information which is important for safe and problem-free installation and operation. Always read and follow the safety information.

### Dangers for the user:

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. Cleaning and user maintenance must not be performed by children unless they are supervised. Children between the ages of 3 and 8 may load and unload the appliance. Children under the age of 3 must be kept away from the appliance unless they are constantly supervised.
- **IMPORTANT:** The power plug must be easily accessible so that the appliance can be disconnected from the mains quickly in an emergency. It must not be behind the back of the appliance.
- The socket must be easily accessible so that the appliance can be disconnected quickly from the electricity in an emergency. It must not be located in the area behind the appliance.
- Always hold the appliance at the plug when disconnecting it from the household power. Do not pull on the cable.
- Disconnect the power plug or fuse if there is a malfunction.
- Do not damage the power cable. Do not operate the appliance with a faulty power cable. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. For Plug and Play connec-

tions, the change may be carried out by the customer.

- Only have repairs, work on the appliance and power cable replacements carried out by Customer Service or other qualified personnel specifically trained for the purpose.
- Only install, connect and dispose of the appliance in accordance with the instructions.
- Only operate the appliance after it has been installed.

### Risk of fire:

- The refrigerant contained within the appliance (specifications on the identification plate) is environmentally friendly, but flammable. Leaking refrigerant can ignite.
  - **WARNING:** Do not damage the refrigerant circuit.
  - Do not handle ignition sources inside the appliance.
  - **WARNING:** Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer (e.g. steam cleaning appliances, heating appliances, ice cream makers).
  - If refrigerant leaks: Remove naked flames or ignition sources located near the area of the leak. Ventilate the room well. Contact Customer Service.
- Do not operate the appliance near explosive gases.
- Do not store or use gasoline or other flammable gases and liquids near the appliance.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance. You can recognize such spray cans by the printed list of contents or by a flame symbol. Any leaking gases can be ignited by electrical components.
- Alcoholic beverages or other containers holding alcohol must always be tightly sealed for storage purposes. Any leaking alcohol can be ignited by electrical components.

### Risk of falling or toppling over:

- **WARNING:** To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.
- Do not stand on the base, drawers, doors etc. or use them as improper supports. This applies in particular to children.

### Danger of poisoning:

- Do not consume spoiled food.

### Danger of frostbite, feeling of numbness and pain:

- Avoid prolonged skin contact with cold surfaces or chilled/frozen food or take protective measures, e.g. wear gloves.

### Risk of injury and damage:

- Hot steam may cause injuries. Do not use any electrical heating or steam cleaning equipment, naked flames or defrosting sprays for defrosting measures.
- **WARNING:** Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not remove ice using sharp objects.
- **WARNING:** Keep clear of obstruction all ventilation openings in the appliance enclosure or in the structure for building-in.
- **WARNING:** Risk of child entrapment. Before you throw away your old refrigerator or freezer:
  - Take off the doors.
  - Leave the shelves in place so that children may not easily climb inside.

### Risk of crushing:

- Do not hold onto the hinge when opening and closing the door. Fingers may become trapped.

### California Proposition 65

- **WARNING:** This product can expose you to chemicals including Diisononyl Phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl Phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Symbols on the device:



The symbol may be located on the compressor. It refers to the oil in the compressor and refers to the following danger: Can be fatal if swallowed or inhaled. This notice only applies for recycling. There is no danger during normal operation.



**WARNING:** Risk of fire / flammable materials. The symbol is located on the compressor and indicates the danger from flammable materials. Do not remove the label.



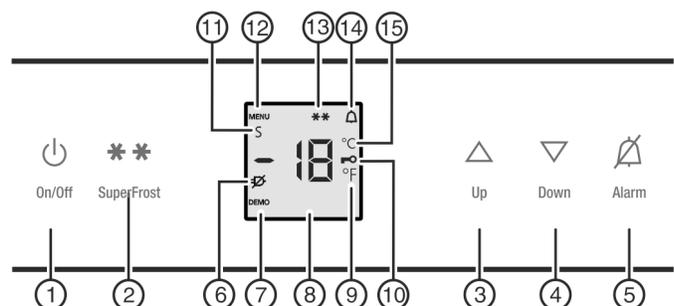
This label or a similar one may be located on the rear of the appliance. It refers to the foam panels in the door and/or the housing. This notice only applies for recycling. Do not remove the label.

### Observe the warning messages and other detailed information in the other sections:

	DANGER	Indicates an immediately hazardous situation, which if not avoided, will result in death or serious injury.
	WARNING	Indicates a hazardous situation, which if not avoided, could result in death or serious injury.
	CAUTION	Indicates a hazardous situation, which if not avoided, could result in minor or moderate injury.
	NOTICE	Indicates a hazardous situation, which if not avoided, could result in damage to property.
	Note	Indicates useful advice and tips.

## 3 Controls and displays

### 3.1 Operating and control elements



# Start-up

Fig. 2

- |                          |                          |
|--------------------------|--------------------------|
| (1) On/Off button        | (9) Fahrenheit symbol    |
| (2) SuperFrost button    | (10) Child safety symbol |
| (3) Up button            | (11) Sabbath mode symbol |
| (4) Down button          | (12) Menu symbol         |
| (5) Alarm button         | (13) SuperFrost symbol   |
| (6) Power failure symbol | (14) Alarm symbol        |
| (7) DEMO symbol          | (15) Celsius symbol      |
| (8) Temperature display  |                          |

## 3.2 Temperature display

The following is displayed in normal operation:

- the freezer temperature set

The temperature display flashes:

- the temperature setting has been changed
- once switched on the temperature is not cold enough
- the temperature has risen by several degrees

The following displays indicate malfunction. Possible causes and corrective actions: (see 7 Troubleshooting.)

- The SuperFrost symbol Fig. 2 (13) flashes together with the temperature display.\*
- **F0** to **F9**\*
- The power failure symbol  flashes.

## 4 Start-up

### 4.1 Disposal of packaging



#### WARNING

Danger of suffocation from packaging materials and films!

- ▶ Do not allow children to play with packaging materials.

The packaging is made from recyclable materials:



- Corrugated card/cardboard
- Parts made of foamed polystyrene
- Films and bags from polyethylene
- Packing bands from polypropylene
- Wood frame nailed together with a polyethylene window\*
- ▶ Take the packaging material to an official collection point.

### 4.2 Switch on the device

- ▶ Open the door.
- ▶ Press the On/Off button Fig. 2 (1).
- ▷ The temperature display lights up. The appliance is switched on.



- ▷ If "DEMO" appears on the display, 'demonstration mode' is activated. Contact Customer Service.

## 5 Operation

### 5.1 Temperature display unit

The temperature display can be changed from °F to °C.

#### 5.1.1 To change the unit

- ▶ To activate setting mode: Press and hold the SuperFrost button Fig. 2 (2) for approx. 5 s.
- ▷ The Menu symbol Fig. 2 (12) lights up.
- ▷ **5** is displayed in the temperature display.
- ▶ Using Up button Fig. 2 (3)/ Down button Fig. 2 (4) select °.
- ▶ To confirm: Briefly press the SuperFrost button Fig. 2 (2).
- ▷ The temperature unit is displayed.
- ▶ To confirm: Briefly press the SuperFrost button Fig. 2 (2).
- ▷ ° flashes.
- ▶ To exit setting mode: Press On/Off button Fig. 2 (1).
- or-
- ▶ Wait 5 minutes.
- ▷ The temperature is again displayed in the temperature display.



### 5.2 Child-proof lock

You can use the child-proof lock to lock the buttons. This means that children cannot accidentally switch off the appliance when playing.



#### 5.2.1 Switching on the child-proof lock

If this function is to be switched on:

- ▶ To activate setting mode: Press and hold the SuperFrost button Fig. 2 (2) for approx. 5 seconds.
- ▷ In the display, the Menu Symbol Fig. 2 (12) is displayed.
- ▷ **5** flashes on the display.
- ▶ Using the Up Fig. 2 (3) or Down button Fig. 2 (4), select **c**.
- ▶ Confirm briefly by pressing the SuperFrost button Fig. 2 (2).
- ▷ **cl** appears on the display.
- ▶ Confirm briefly by pressing the SuperFrost button Fig. 2 (2).
- ▷ The Child Safety symbol Fig. 2 (10) lights up on the display.
- ▷ **c** flashes on the display.
- ▷ The Child Safety function is activated.
- To stop setting mode:
- ▶ Press the On/Off button Fig. 2 (1) briefly.
- or-



- ▶ Wait for approx. 5 mins.
- ▷ The temperature is again displayed on the temperature display.

### If the function is to be switched off:

- ▶ To activate setting mode: Press and hold the SuperFrost button *Fig. 2 (2)* for approx. 5 seconds.
- ▷ In the display, the Menu Symbol *Fig. 2 (12)* is displayed.
- ▷ **5** flashes on the display.
- ▶ Using the Up *Fig. 2 (3)* or Down button *Fig. 2 (4)*, select **c**.
- ▶ Confirm briefly by pressing the SuperFrost button *Fig. 2 (2)*.
- ▷ **c0** appears on the display.
- ▶ Confirm briefly by pressing the SuperFrost button *Fig. 2 (2)*.
- ▷ The Child Safety symbol goes out
- ▷ **c** flashes on the display.
- ▷ The Child Safety function is deactivated.
- To stop setting mode:
  - ▶ Press the On/Off button *Fig. 2 (1)* briefly.
- or-
- ▶ Wait for 5 mins.
- ▷ The temperature is again displayed on the temperature display.

## 5.3 Door alarm

If the door is open for longer than 180 seconds, the acoustic warning sounds. The acoustic warning stops automatically when the door is closed



### 5.3.1 Switching off the door alarm

The acoustic warning can be switched off when the door is open. The acoustic warning remains switched off as long as the door is open. When the door is closed, the alarm function is active again.

- ▶ Press Alarm button *Fig. 2 (5)*.
- ▷ The door alarm stops.

## 5.4 Temperature alarm

If the freezer temperature is not cold enough, the audible warning sounds. At the same time, the Alarm symbol *Fig. 2 (14)* will flash.



The cause of a temperature being too high may be:

- Hot fresh food was placed in the appliance.
- When sorting and removing food from the appliance, too much warm ambient air got in.
- Prolonged power outage
- The appliance is faulty.

The audible warning automatically ceases, the Alarm symbol *Fig. 2 (14)* goes out, and the temperature display

stops flashing when the temperature is cold enough again.

If the alarm status remains: (see 7 Troubleshooting.)

### Note

If the temperature is not cold enough, food may spoil.

- ▶ Check the quality of the food. Do not consume spoiled food.

### 5.4.1 Switching off the temperature alarm

The acoustic warning can be switched off. When the temperature is cold enough again, the alarm function is active again.

- ▶ Press Alarm button *Fig. 2 (5)*.
- ▷ The acoustic warning ceases.

## 5.5 SabbathMode

This function meets the religious requirements of the Sabbath or Jewish festivals. Turn on SabbathMode to switch off certain controls. After setting up SabbathMode, you no longer need to worry about indicator lights, figures, symbols, displays, alarms, or fans. The thawing cycle only operates at the specified time without taking refrigerator use into account. After a power outage, the appliance automatically switches back to SabbathMode.

You can find a list of Star-K-certified appliances at [www.star-k.org/appliances](http://www.star-k.org/appliances).



### WARNING

Danger of food poisoning!

If there is a power outage when SabbathMode is on, this message is not saved. When the power is restored, the appliance continues in SabbathMode. Afterwards, the temperature display does not show a message about the power outage.

If there was a power outage during SabbathMode:

- ▶ Check the quality of the food. Do not consume spoiled food!

- All functions are locked until SabbathMode is switched off.
- If functions such as SuperFrost, SuperCool, Ventilation, etc. are activated when SabbathMode is on, they remain active.
- No audible signals are emitted, and the temperature display does not indicate any warnings or settings (such as a temperature alarm or door alarm).
- Light does not operate.

### 5.5.1 Setting Sabbath mode

- ▶ To activate setting mode: Press and hold the SuperFrost button *Fig. 2 (2)* for approx. 5 s.
- ▷ **5** flashes on the display.
- ▷ The Menu symbol *Fig. 2 (12)* lights up.
- ▶ To access the Sabbath mode function: Briefly press the SuperFrost button *Fig. 2 (2)*.

# Operation

When **SI** is shown on the display:

- ▶ **To turn on** Sabbath mode, briefly press the SuperFrost button *Fig. 2 (2)*.



When **SO** is shown on the display:

- ▶ **To turn off** Sabbath mode, briefly press the SuperFrost button *Fig. 2 (2)*.
- ▶ To deactivate setting mode: Press the On/Off button *Fig. 2 (1)*.



**-or-**

- ▶ Wait 5 min.

▷ The Sabbath Mode symbol *Fig. 2 (11)* appears on the temperature display as long as Sabbath Mode is active.

▷ Sabbath mode switches off automatically after 120 hours if it is not manually switched off beforehand.

## 5.6 Freezing food

Each drawer can hold max. 25 kg (55.11 lb) of frozen food.

Each plate can hold 35 kg (77.16 lb) of frozen food.

After the door is closed, a vacuum is created. After closing the door, wait about 1 minute, then the door is easier to open.



### WARNING

Danger of fire

- ▶ Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.



### CAUTION

There is a risk of injury from pieces of broken glass. Bottles and cans containing drinks can split or crack when frozen. This applies in particular to carbonated drinks.

- ▶ Do not freeze bottles and cans containing drinks.
- ▶ Depending on how much fresh food is to be frozen, you must switch SuperFrost on in advance.
- ▶ When a small amount of food is to be frozen, approx. 6 hours before placing the food in the freezer.
- ▶ For the maximum amount of food, approx. 24 hours before placing the food in the freezer.

So that the food is rapidly frozen through to the core, do not exceed the following quantities per pack

- Fruit, vegetables up to 1 kg (2.20 lb)
- Meat up to 2.5 kg (5.51 lb)
- ▶ Pack the food in portions in freezer bags, reusable plastic, metal or aluminum containers

## 5.7 Defrosting food

- in the fridge compartment
- in the microwave

- in the oven/fan oven
- at room temperature



### WARNING

Danger of food poisoning!

- ▶ Do not re-freeze defrosted food.

- ▶ Only take out the amount of food that is required. Use defrosted food as quickly as possible.

## 5.8 Setting the temperature

The appliance is set as standard for normal operation. The temperature is adjustable across a range of -14 °C (-15 °F) to -28 °C (0 °F), and the advisable range is -18 °C (-0 °F).

- ▶ To set a higher temperature: Press the Up adjustment button *Fig. 2 (3)* until the temperature flashes in the display. Release button.
- ▶ To set a lower temperature: Press the Down adjustment button *Fig. 2 (4)* until the temperature flashes in the display. Release button.
- ▶ To change the temperature in 1 °C (34 °F) increments: briefly press the button.

**-or-**

- ▶ To change the temperature continuously: hold the button down.
- ▷ The value is displayed flashing during the setting operation.
- ▷ The actual temperature is displayed about 5 seconds after the last press of a button. The temperature slowly adjusts to the new setting.

## 5.9 SuperFrost

With this function you can rapidly freeze fresh food through to the core. The appliance works with maximum refrigerating performance. The sound of the refrigeration unit may be temporarily louder as a result. ❄ ❄

Depending on how much fresh food is to be frozen you must switch SuperFrost on in advance - for a small amount of food to be frozen, about 6 hours, for the maximum amount about 24 hours before putting the food in.

Package the food and place it inside across as wide an area as possible. Do not bring food that is to be frozen into contact with products that are already frozen to prevent these items from starting to thaw.

You do not need to switch SuperFrost on in the following cases:

- when placing frozen food in the freezer
- when freezing up to about 2 kg of fresh food a day

## 5.9.1 Freezing with SuperFrost

- ▶ Press and hold the SuperFrost button *Fig. 2 (2)* until the \*\* symbol is shown in the display. Release button.
- ▷ The SuperFrost symbol *Fig. 2 (13)* lights up.
- ▷ The freezing temperature drops and the appliance operates at its maximum refrigeration power rating. When a small amount of food is to be frozen.
- ▶ Wait approx. 6 hrs.
- ▶ Place packaged food in the deep lower drawers. When the maximum amount of food is to be frozen.
- ▶ Wait approx. 24 hrs.
- ▶ Remove lower deep drawers and place the food directly onto the lower shelves.
- ▷ SuperFrost automatically switches itself off after about 65 hours.
- ▷ The SuperFrost symbol *Fig. 2 (13)* goes out when the freezing process is complete.
- ▶ Place food inside the drawers and push them closed again.
- ▷ The appliance returns to work in the energy-saving normal mode.

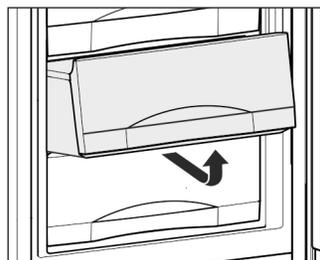
## 5.10 Drawers

### Note

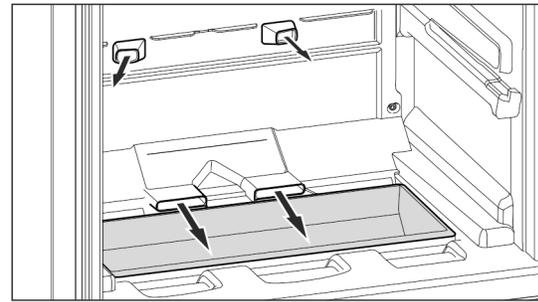
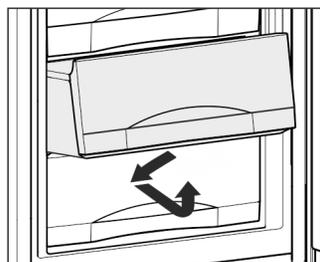
Insufficient ventilation results in an increase in energy consumption and reduction of the refrigerating performance

- ▶ Never block the air slits in the fan on the rear wall.

- ▶ To store frozen food directly on the shelves pull the drawer forward and lift it out.



- ▶ In order to remove the drawers with a door opening angle of 90°:
- ▶ Press the drawers to the side slightly when pulling them out, and then remove them from above.



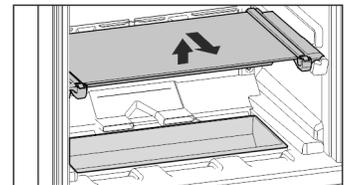
*Fig. 3*

- ▶ The dish in the bottom recess can be used to store small items that are not needed very often.

## 5.11 Shelves

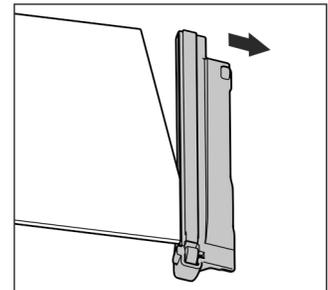
### 5.11.1 Moving shelves

- ▶ To remove shelf: lift it at the front and pull out forward.
- ▶ To reinsert shelf: simply slide it in as far as it will go.



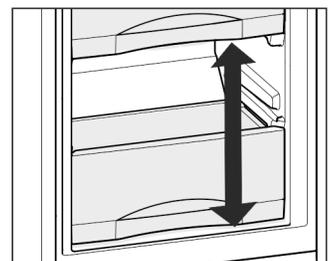
### 5.11.2 Dismantling shelves

- ▶ The shelves can be dismantled for cleaning.



## 5.12 VarioSpace

In addition to the drawers, you can also take out the shelves. This gives you space for large food items such as poultry, meat, large joints of game and tall bakery items can be frozen and then presented whole.



- ▶ Each drawer can hold max. 25 kg (55.11 lb) of frozen food.
- ▶ Each plate can hold 35 kg (77.16 lb) of frozen food.

# Maintenance

## 5.13 Info system

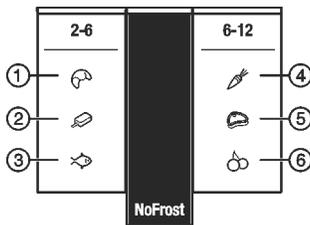


Fig. 4

- (1) Bread
- (2) Ice cream
- (3) Fish
- (4) Vegetables
- (5) Meat
- (6) Fruit

The numbers indicate the storage time in months for different types of frozen foods. The storage times given are guidelines.

## 5.14 Ice cube tray

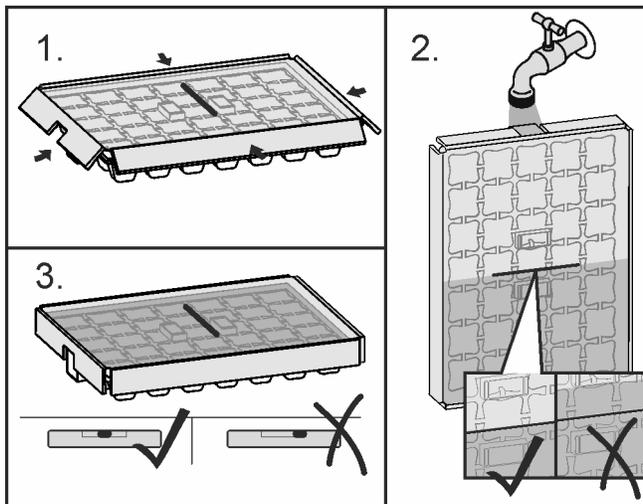


Fig. 5

When the water is frozen:

- ▶ Hold the ice cube tray briefly under warm water.
- ▶ Remove the lid.
- ▶ Gently turn the ends of the ice cube tray in opposite directions and release the cubes.

### Dismantling the ice cube tray

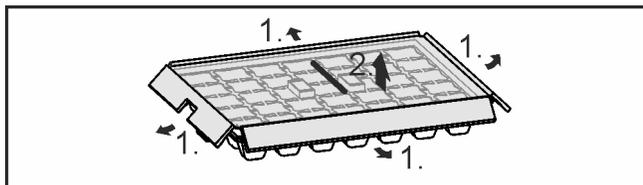


Fig. 6

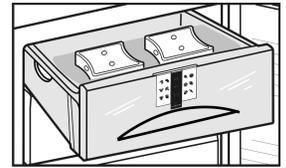
- ▶ You can dismantle the ice cube tray for cleaning.

## 5.15 Freezer pack

The freezer packs prevent the temperature from rising too fast when power failures occur.

### 5.15.1 Using freezer packs

- ▶ Put the frozen freezer packs in the top front area of the freezer compartment on top of the frozen food.



## 6 Maintenance

### 6.1 Defrosting with NoFrost



#### WARNING

Appliance incorrectly defrosted!  
Injuries and damage.

- ▶ Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- ▶ Do not use any electrical heating or steam cleaning equipment, naked flames or defrosting sprays.
- ▶ Do not remove ice with sharp objects.

The NoFrost system defrosts the appliance automatically.

The moisture condenses on the evaporator and is periodically defrosted and evaporated.

- ▶ The appliance does not need to be defrosted manually.

### 6.2 Cleaning the appliance

Clean the appliance regularly.



#### WARNING

Danger of electric shock.

- ▶ Unplug refrigerator or disconnect power.



#### WARNING

Danger of fire

- ▶ Do not damage the refrigerant circuit.



#### WARNING

Risk of injury or damage due to hot steam.

Hot steam can cause scalding/burns and damage to surfaces.

- ▶ Do not use steam cleaners.

## NOTICE

- Incorrect cleaning damages the appliance.
- ▶ Do not use concentrated cleaning agents.
  - ▶ Do not use steel wool or sponges that scour or scratch.
  - ▶ Do not use caustic or abrasive cleaning materials or those containing sand, chloride, or acids.
  - ▶ Do not use chemical solvents.
  - ▶ Do not damage or remove the rating plate on the inside of the appliance. It is vital for the customer service department.
  - ▶ Do not pull off, kink or damage any cables or other components.
  - ▶ Do not let cleaning water get into the drain gutter, the ventilation grille and electrical parts.
  - ▶ Use soft cleaning cloths and a multi-purpose cleaning agent with a neutral pH value.
  - ▶ Only use food-compatible cleaning and care agents inside the appliance.

- ▶ **Empty the appliance.**
- ▶ **Disconnect the power plug.**



- ▶ Clean the **ventilation grilles** regularly.
  - ▷ Dust deposits increase energy consumption.
- ▶ Clean the **plastic surfaces, outside and inside**, by hand using lukewarm water and a little dish washing liquid.
- ▶ Most of the **equipment parts** can be dismantled for cleaning: see the respective chapter.
- ▶ Clean the **drawers** by hand using lukewarm water and a little dish washing liquid.
- ▶ The **remaining fittings** are dishwasher suitable.

### After cleaning:

- ▶ Wipe the appliance and accessories dry.
- ▶ Connect the appliance and switch it on again.
- ▶ Switch on SuperFrost (see 5.9 SuperFrost) .  
When the temperature is sufficiently cold:
  - ▶ put the food back in the appliance.

## 6.3 Customer service

First check whether you can remedy the fault yourself. (see 7 Troubleshooting.) . If this is not the case, please contact Customer Service.

### WARNING

Unprofessional repair!  
Injuries.

- ▶ A damaged power cable may only be replaced by the manufacturer, the manufacturer's Customer Service or a similarly qualified person.
- ▶ For appliances with plug and play connection cables, the change can be made by the customer.

- ▶ Read the appliance designation *Fig. 7 (1)*, service no. *Fig. 7 (2)* and serial no. *Fig. 7 (3)* from the rating plate. The rating plate is located inside the appliance on the left-hand side.

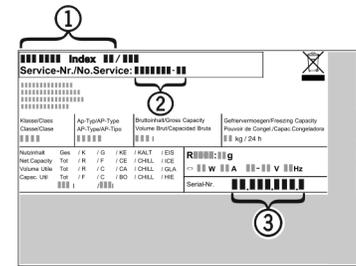


Fig. 7

- ▶ Notify a qualified service provider, specifying the fault, appliance designation *Fig. 7 (1)*, service no. *Fig. 7 (2)* and serial *Fig. 7 (3)* no.
  - ▷ This will help us to provide you with a faster and more accurate service.
- ▶ Keep the appliance closed until the Customer Service engineer arrives.
  - ▷ The food will stay cool longer.
- ▶ Disconnect the power plug (do not pull on the power cord to do this) or switch off the fuse.

## 6.4 Appliance Information

Make a note of this information when the appliance is installed:

Type Designation: \_\_\_\_\_  
 Service Number: \_\_\_\_\_  
 Appliance / Serial Number: \_\_\_\_\_  
 Date of purchase: \_\_\_\_\_  
 Where purchased: \_\_\_\_\_

## 7 Troubleshooting.

Your appliance is designed and manufactured for reliable operation and a long lifespan. If a malfunction nonetheless occurs during operation, please determine if the malfunction is due to an operating error. If a service call determines operator error, you will be charged for the costs incurred, even during the warranty period. You may be able to rectify the following problems yourself:

## Troubleshooting.

Defect	Cause	Remedy
<b>The appliance does not work.</b>	The appliance is not switched on.	▶ Switch on the appliance.
	The power plug is not properly inserted in the wall socket.	▶ Check the power plug.
	The fuse in the wall socket is not OK.	▶ Check the fuse.
	Power failure	▶ Keep the appliance closed. ▶ Protect the food: place dry ice on top of the food or use an alternate freezer, if the power failure persists for some time. ▶ Do not re-freeze defrosted food.
<b>The compressor runs for a long time.</b>	When less refrigeration is required, the speed-controlled compressor switches to a low speed. Although the running time is increased as a result, energy is saved.	▶ This is normal in energy-saving models.
	SuperFrost function is activated.	▶ The compressor runs long to rapidly freeze food. This is normal.
<b>An LED at the lower rear of the appliance (near the compressor) flashes regularly every 5 seconds*.</b>	There is a fault.	▶ Contact the customer service department (see 6 Maintenance) .
<b>Noises are too loud.</b>	The different speed levels of speed-controlled* compressors can cause them to generate various noises during operation.	▶ These noises are normal.
<b>A gurgling sound</b>	This sound comes from the refrigerant flowing in the refrigeration circuit.	▶ The sound is normal.
<b>A faint clicking sound</b>	The sound always occurs when the refrigeration unit (the motor) automatically switches on or off.	▶ The sound is normal.
<b>A hum. It is briefly a little louder when the refrigeration unit (the motor) switches on.</b>	The refrigeration increases automatically when the SuperFrost function is activated, fresh food has just been placed in the appliance or the door has been left open for a while.	▶ The sound is normal.
	The ambient temperature is too high.	▶ Solution: (see 1.3 Range of appliance use)
<b>A low hum</b>	The sound occurs as a result of fan air flow.	▶ The sound is normal.
<b>Vibration noise</b>	The appliance is not standing firmly on the floor. As a result, objects and adjoining units are set	▶ Check the installation and realign the appliance if necessary.

Defect	Cause	Remedy
	into vibration by the running refrigeration unit.	
<b>Flow noise on the soft stop mechanism.</b>	The sound is caused by the soft stop mechanism.	▶ The sound is normal.
<b>The temperature display indicates: F0 to F9.*</b>	There is a fault.	▶ Contact the customer service department (see 6 Maintenance).
<b>The SuperFrost symbol Fig. 2 (13) flashes together with the temperature display.*</b>	There is a fault.	▶ Contact the customer service department (see 6 Maintenance).
<b>The temperature display shows a flashing power failure symbol . The warmest temperature reached during the power failure is displayed in the temperature display.</b>	The freezer temperature rose too high during the last hours or days due to power failure or power interruption. When the power interruption is over, the appliance will continue to operate at the last temperature setting.	<ul style="list-style-type: none"> <li>▶ To delete the display of the warmest temperature: Press the Alarm button Fig. 2 (5).</li> <li>▶ Check the quality of the food. Do not consume spoiled food. Do not re-freeze defrosted food.</li> </ul>
<b>DEMO lights up in the temperature display.</b>	The demo mode is activated.	▶ Contact the customer service department (see 6 Maintenance).
<b>The outside surfaces of the appliance are hot*.</b>	The heat of the refrigerant circuit is used to prevent condensate from forming.	▶ This is normal.
<b>The temperature is not cold enough.</b>	The door of the appliance is not closed properly.	▶ Close the appliance door.
	Insufficient ventilation.	▶ Clear and clean the ventilation grille.
	The ambient temperature is too high.	▶ Solution: (see 1.3 Range of appliance use)
	The appliance was opened too frequently or for too long.	▶ Wait to see whether the required temperature resets itself by itself. If not, contact the customer service department (see 6 Maintenance).
	Too much fresh food was placed inside without SuperFrost.	▶ Solution: (see 5.9 SuperFrost)
	The temperature is incorrectly set.	▶ Set to a colder temperature and check after 24 hours
	The appliance is too near to a heat source (stove, heater etc).	▶ Change location of appliance or the heat source.

## Putting appliance out of service

Defect	Cause	Remedy
	The appliance was not properly installed in the recess.	▶ Make sure the appliance was installed correctly and the door closes properly.
<b>The interior light does not turn on.</b>	The appliance is not switched on.	▶ Switch on the appliance.
	The door was open for longer than 15 min.	▶ The interior light automatically switches itself off if the door remains open for approx. 15 min.
	The LED interior light is faulty or the cover is damaged:	<p> <b>WARNING</b> Risk of injury from electrical shock. Live parts are under the cover.</p> <p>▶ The LED interior light should only be replaced or repaired by the Customer Service department or by engineers trained to do so.</p> <hr/> <p> <b>WARNING</b> Risk of injury from LED lamp! The light intensity of the LED lighting corresponds to risk group RG 2. If the cover is faulty:</p> <p>▶ Do not gaze directly at this lighting unit with optical lenses while very close to the light source. This can cause damage to your eyes.</p>
<b>The door seal is defective or should be replaced for other reasons.</b>	The door seal is interchangeable. You can replace it without the use of any special tools.	▶ Contact the customer service department (see 6 Maintenance) :
<b>The appliance is iced up or condensation is building.</b>	The door seal may have slipped out of its groove.	▶ Check the door seal is well placed in the groove.

## 8 Putting appliance out of service

### 8.1 Switch off device

- ▶ On/Off button *Fig. 2 (1)* press and hold down for about 2 seconds.
- ▷ A long beep sounds. The temperature display is dark The appliance is switched off
- ▷ If the appliance cannot be switched off, the Child Safety function is still activated (see 5.2 Child-proof lock) .



- ▶ Switch off the appliance (see 8 Putting appliance out of service) .
- ▶ Pull out the power plug.
- ▶ Clean the appliance (see 6.2 Cleaning the appliance) .
- ▶ Leave the door open to prevent bad smells.



### 8.2 Decommissioning

- ▶ Empty the appliance.

## 9 Disposal

### 9.1 Preparing the appliance for disposal



#### WARNING

Risk of child entrapment!

Before you throw away your old refrigerator or freezer:

- ▶ Take off the doors.
- ▶ Leave the shelves in place so that children may not easily climb inside.



**Li-Ion**

Liebherr uses batteries in some of its appliances. You should remove these before disposal of the old appliance for environmental reasons. If your appliance contains batteries, a corresponding notice is attached to the appliance.

**Lamps** If you can remove the lamps yourself without destroying them, also remove these before disposal.

- ▶ Take the appliance out of operation. (see 8.2 Decommissioning )
- ▶ Appliance with batteries: Remove the batteries. For description, see **Maintenance** chapter.
- ▶ If possible: Remove lamps without destroying them.

### 9.2 Disposing of the appliance in an environmentally friendly manner



The appliance still contains valuable materials and must be collected separately from unsorted municipal waste so it can be recycled.



**Li-Ion**



**Li-Ion**

Dispose of batteries separately from the old appliance. Certain batteries should NOT go in household garbage or recycling bins. Waste batteries can always be recycled or taken to household hazardous waste collection points. To prevent fires from lithium-ion batteries, tape battery terminals and/or place batteries in separate plastic bags and never put these batteries in household garbage or recycling bins.

**Lamps** Dispose of removed lamps via the respective collection systems.

For USA:

Check the Responsible Appliance Disposal (RAD) program to find a RAD partner near you.

For Canada:

Follow your local guidance about recycling and disposal capabilities near you.



#### WARNING

Leaking refrigerant and oil!

Fire. The refrigerant contained within the appliance is environmentally friendly, but flammable. The oil contained within the appliance is flammable. Escaping refrigerant and oil can ignite if they are of high enough concentration and are exposed to an external heat source.

- ▶ Do not damage the pipelines of the coolant circuit and the compressor.
- ▶ Transport the appliance away without damaging it.
- ▶ Dispose of batteries, lamps, and the appliance according to the above specifications.

**For Service in the U.S.:**

**Liebherr Service Center**

**Toll Free: 1-866-LIEBHER or 1-866-543-2437**

Service-appliances.us@liebherr.com  
PlusOne Solutions, Inc.  
3501 Quadrangle Blvd, Suite 120  
Orlando, FL 32817

**For Service in Canada:**

**Liebherr Service Center**

**Toll Free: 1-888-LIEBHER or 1-888-543-2437**

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