



## User Guide

Quality, Design and Innovation



[home.liebherr.com/fridge-manuals](http://home.liebherr.com/fridge-manuals)



# LIEBHERR

# General safety instructions

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The manufacturer is continually working on the further development of all types and models. Please be aware that we reserve the right to make changes to the shape, equipment and technology.

| Symbol | Explanation  |
|--------|--|
|        | <b>Read instructions</b><br>Please read the information in these instructions carefully to understand all of the benefits of your new appliance.   |
|        | <b>Additional information on the Internet</b><br>The digital manual with additional information and in other languages can be found via the QR code on the front of the manual or by entering the service number at <a href="http://home.liebherr.com/fridge-manuals">home.liebherr.com/fridge-manuals</a> .<br>The service number can be found on the serial tag:<br><br><i>Fig. Example illustration</i> |
|        | <b>Check appliance</b><br>Check all parts for transport damage. If you have any complaints, please contact your agent or customer service.   |
|        | <b>Differences</b><br>These instructions apply to a range of models, so differences are possible. Sections that apply to certain models only are marked with an asterisk (*).  |
|        | <b>Instructions and results</b><br>Instructions are marked with a ►.<br>Results are marked with a ▷.   |
|        | <b>Videos</b><br>Videos about the appliances are available on the YouTube channels of Liebherr-Hausgeräte.   |

### Open source licences:

The appliance contains software components that use open source licences. Information on the open source licences used can be found here: [home.liebherr.com/open-source-licences](http://home.liebherr.com/open-source-licences)

These operating instructions apply to:

|          |      |
|----------|------|
| S(D)UF.. | 36.. |
| SUF..    | 37.. |

## 1 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 next user.

Read these operating instructions carefully before use to ensure safe and correct use of the appliance. Follow the instructions, safety instructions and warning messages included at all times. They are important for ensuring you can operate and install the appliance safely and without any problems.

## Danger for the user:

- This device can be used by children and people with impaired physical, sensory or mental abilities or with a lack of experience and knowledge provided that they are supervised or have received instruction in the safe use of this device, and about the resulting hazards. Children must not play with this appliance. Cleaning and user maintenance work must not be carried out by children without adult supervision. Children aged between 3 and 8 are allowed to load and unload the appliance. Children below the age of 3 must be kept away from the appliance unless they are under continuous adult supervision.
- 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.
- When disconnecting the appliance from the supply, always take hold of the plug. Do not pull the cable.
- In the event of a fault pull out the mains plug or deactivate the fuse.
- Do not damage the mains power cable. Do not operate the appliance with a defective mains power cable.
- Only customer service or other specially trained staff may repair or perform other operations on the appliance.
- Only install, connect and dispose of the appliance according to the instructions.
- Only use the appliance when is installed.

## Fire hazard:

- The coolant used (information on the model plate) is ecofriendly but also flammable. Any leaking coolant may ignite.
  - Do not damage the refrigerant circuit pipes.
  - Do not handle ignition sources inside the appliance.
  - Do not use electrical appliances inside the appliance (e.g. steam cleaners, heaters, ice cream makers, etc.).
  - If the refrigerant leaks: remove any naked flames or ignition sources from the vicinity of the leakage point. Properly air the room. Inform customer services.
- Do not store explosives or sprays using combustible propellants such as butane, propane, pentane, etc. in the appliance. To identify these spray cans, look for the list of contents printed on the can, or a flame symbol. Gases possibly escaping may ignite due to electrical components.
- Keep burning candles, lamps and other items with naked flames away from the appliance so that they do not set the appliance on fire.
- Please be sure to store alcoholic drinks or other packaging containing alcohol in tightly closed containers. Any alcohol that leaks out may be ignited by electrical components.

## Danger of tipping and falling:

- Do not misuse the plinth, drawers, doors etc. as a step or for support. This applies particularly to children.

## Danger of food poisoning:

- Do not consume food which has been stored too long.

## Danger of frostbite, numbness and pain:

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

## Danger of injury and damage:

- Hot steam can lead to injury. Do not use electrical heating or steam cleaning equipment, open flames or defrosting sprays to defrost.
- Do not use sharp implements to remove the ice.

## Risk of crushing:

- Do not hold the hinge when opening and closing the door. Fingers may get caught.

## Symbols on the appliance:



This symbol may be located on the compressor. It relates to the oil in the compressor and makes reference to the risk that: Swallowing or inhaling can be fatal. This advice is only relevant to recycling. There is no danger in normal operation.



This symbol is located on the compressor and indicates the danger of flammable materials. Do not remove the sticker.



This or a similar sticker may be located on the rear of the appliance. This sticker indicates that there are vacuum insulation panels (VIP) or perlite panels in the door and/or housing. This advice is only relevant to recycling. Do not remove the sticker.

## Please note the warning messages and other specific advice in the other chapters:

|  |         |   |
|--|---------|---|
|  | DANGER  | indicates an immediately hazardous situation which will lead to death or serious injuries if it is not avoided. |
|  | WARNING | indicates a hazardous situation which may lead to death or serious injuries if it is not avoided.               |
|  | CAUTION | indicates a hazardous situation which may lead to minor or moderate injuries if it is not avoided.              |
|  | NOTICE  | indicates a hazardous situation which may lead to damage to property if it is not avoided.                      |
|  | Note    | indicates useful instructions and tips.   |

## 2 Appliance at a glance

### 2.1 Scope of delivery

Check all parts for transport damage. Contact your dealer or customer service in the event of complaints. (see 10.4 Customer Service)

Your new appliance comes with the following parts:

- Built-in appliance
- Features (depending on the model)
- Installation materials (depending on the model)
- "Quick Start Guide"
- "Installation Guide"
- Service Brochure

# Functionality of the display

## 2.2 Overview of the appliance and equipment

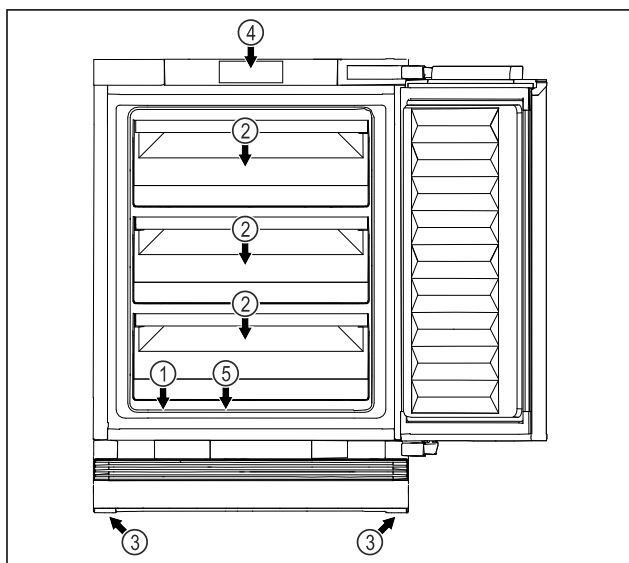


Fig. 1 Example illustration, front end

### Equipment

- |                     |                                      |
|---------------------|--------------------------------------|
| (1) Type plate      | (4) Controls and temperature display |
| (2) Drawer          | (5) Defrost water drain              |
| (3) Adjustable feet |                                      |

### Note

► Shelves, drawers and baskets are arranged for optimum energy efficiency when the appliance is delivered. Changing how the shelves, for example, are inserted in the fridge compartment does not have any impact on energy consumption.

## 2.3 Appliance range of use

### Intended use

The appliance is only suitable for cooling food products in a domestic or household-like environment. This includes, for example, use:

- in staff kitchens, bed and breakfast establishments,
- by guests in country houses, hotels, motels and other accommodation,
- for catering and similar services in the wholesale trade.

The appliance is suitable for integrating under counters.

All other types of use are not permitted.

### Foreseeable misuse

The following applications are expressly forbidden:

- Storing and refrigerating medicines, blood plasma, laboratory preparations or similar substances and products based on the Medical Device Directive 2007/47/EC
- Use in areas at risk of explosions

Misusing the appliance may lead to damage to the goods stored or they may spoil.

### Climate classifications

Depending on the climate classification the appliance is designed to operate in restricted ambient temperatures. The climate classification applying to your appliance is printed on the rating plate.

### Note

► Keep to the specified ambient temperatures in order to guarantee that the appliance works properly.

| Climate classification | for ambient temperatures of |
|------------------------|-----------------------------|
| SN                     | 10 °C to 32 °C              |
| N                      | 16 °C to 32 °C              |
| ST                     | 16 °C to 38 °C              |
| T                      | 16 °C to 43 °C              |
| SN-ST                  | 10 °C to 38 °C              |
| SN-T                   | 10 °C to 43 °C              |

## 2.4 Conformity

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

The full text of the EU Declaration of Conformity is available on the following website: [www.Liebherr.com](http://www.Liebherr.com)

## 2.5 SVHC substances according to REACH regulation

You can check whether your appliance contains SVHC substances according to REACH regulation at the following link: [home.liebherr.com/de/deu/de/liebherr-erleben/nachhaltigkeit/umwelt/scip/scip.html](http://home.liebherr.com/de/deu/de/liebherr-erleben/nachhaltigkeit/umwelt/scip/scip.html)

## 2.6 EPREL database

Details about energy labelling and ecodesign requirements will be available on the European product database (EPREL) from 1st March 2021. You can access the product database at the following link: <https://eprel.ec.europa.eu/> You will be asked to enter the model ID. You can find the model ID on the nameplate.

## 2.7 Spare parts


The spare parts availability for functional parts and stockable parts of the equipment is 15 years.




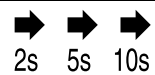
# 3 Functionality of the display

You operate your device with the touchbutton.

## 3.1 Navigation by touchbutton and symbol explanation

In the illustrations, different symbols are used to navigate the display by touchbutton. The following table describes these symbols.

| Symbol  | Description   |
|---|---|
|  | <b>Touch the touchbutton with your finger briefly:</b><br>Navigate through main menu and submenu.<br>If a number is shown on the hand:<br>The number tells you how many times you have to touch the touchbutton briefly in succession to navigate to a particular function. |

| Symbol   | Description   |
|--|---|
|  | <b>Touch the touchbutton with your finger for 3 seconds:</b><br>Switch on the device.<br>In the main menu: Switch off the device.<br>In the submenu: Switch to the main menu.<br>Deactivate active function of the submenu. |
|  | <b>Touch the touchbutton with your finger for 7 seconds:</b><br>In the main menu: Open the submenu.   |
|  | <b>Arrow with clock:</b><br>It takes more than 10 seconds for the following message to appear in the display.   |
|  | <b>Arrow with a time indication:</b><br>It takes the specified amount of time until the following message appears in the display.   |






## 3.2 Menus

The device functions can be found in various menus.

| Menu      | Description  |
|-----------|--|
| Main menu | When you switch the device on, you are automatically in the main menu.<br>From here, navigate to device functions and the submenu. |
| Submenu   | The submenu contains additional device functions for setting up your device.   |

### 3.2.1 Main menu

In the main menu, it is possible to activate/deactivate the following functions:

| LED  | Description        |
|--|--------------------|
|  | Temperature -16 °C |
|  | Temperature -18 °C |
|  | Temperature -20 °C |
|  | Temperature -28 °C |
|  | SuperFrost         |

Meaning of the LEDs in the main menu

### 3.2.1 Opening the submenu

When you switch the device on, you are automatically in the main menu.

If you are in the submenu and want to switch to the main menu:

► Carry out action steps (see 3.2.2 Exiting the submenu) .

### 3.2.1 Navigating in the main menu

If you navigate in the main menu, LED 5 is followed by LED 1 again.



Fig. 2

- Touch the touchbutton briefly until the LED of the desired function lights up.
- Function is activated.

### 3.2.1 Sleep mode of the display

If you do not touch the touchbutton in the main menu for 10 seconds, the display switches to sleep mode. Sleep mode prevents you from adjusting the temperature by accidentally touching the touchbutton.

**Ending sleep mode:**






Fig. 3

- Briefly touch the touchbutton.
- Confirmation tone sounds.
- Set temperature flashes once.
- Sleep mode is ended.

### 3.2.2 Submenu

In the submenu, the following functions can be activated/deactivated:

| LED   | Description                   |
|---|-------------------------------|
|  | Input lock                    |
|  | SabbathMode                   |
|  | Resetting to factory settings |

Meaning of the LEDs in the submenu

# Putting into operation

## 3.2.2 Opening submenu



Fig. 4

- ▶ Carry out the steps as shown in the illustration until you hear a double confirmation tone after 7 seconds.
- ▶ LEDs 1-5 light up: You are in the submenu.
- ▶ If you do not perform any action on the display for 5 seconds, the display returns to the main menu.

## 3.2.2 Exiting the submenu



Fig. 5

- ▶ Carry out action steps according to the illustration.
- or-
- ▶ Do not touch the touchbutton for 5 seconds.
- ▶ You are in the main menu.

## 3.2.2 Navigating in the submenu

If you navigate in the submenu, LED 1 follows the LED of the last function in the submenu.



Fig. 6

- ▶ Touch the touchbutton briefly until the LED of the desired function lights up.
- ▶ After 5 seconds without interaction, selected function is automatically activated.

# 4 Putting into operation

## 4.1 Switching on device (first use)

Make sure that the following requirements are fulfilled:

- ☐ The device is properly installed and connected according to the installation instructions.
- ☐ All adhesive strips, adhesive and protective films and transport locks are removed from inside and on the device.
- ☐ All marketing leaflets are removed from the drawers.
- ☐ You are familiar with the functionality of the display. (see 3 Functionality of the display)

Switching on the device:

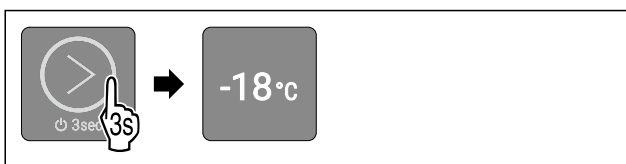


Fig. 7

- ▶ Touch the touchbutton as shown in the illustration for 3 seconds until you hear the confirmation tone.

- ▶ The device is switched on.
- ▶ LED 2 lights up: Temperature is set to -18 °C at the factory.
- ▶ The device cools to the target temperature set at the factory.

### Device starts in demo mode:

When the device starts in demo mode:

- ▶ Deactivating demo mode. (see Deactivating demo mode)

### Display switches to sleep mode:

When the display switches to sleep mode:

- ▶ Briefly touch the touchbutton. (see 3.2.1 Sleep mode of the display)

### Note

The manufacturer recommends:

- ▶ **Store frozen foods** at -18 °C or colder.
- ▶ Observe the notes on storing food. (see 5.1 Information regarding storage)

### Note

Accessories can be purchased from the Liebherr-Hausgeräte store at [home.liebherr.com/shop/de/deu/zubehor.html](http://home.liebherr.com/shop/de/deu/zubehor.html).

# 5 Storage

## 5.1 Information regarding storage



### WARNING

Fire hazard from electrical appliances!

If you use electrical appliances in the food area of your appliance, they can cause a fire.

- ▶ Do not use electrical appliances in the food area of the appliance unless recommended by the manufacturer.

### Note

The energy consumption increases and the cooling power goes down if ventilation is not sufficient.

- ▶ Always keep air slots clear.

Observe the following specifications for storage:

- Package food properly.
- Package raw meat or fish in clean, closed containers. This will prevent meat or fish from touching or dripping onto other food.
- Keep liquids in closed containers.
- Leave space between goods to ensure good air circulation.
- Store food according to the instructions on the packaging.
- Always observe the best-before date indicated on the packaging.

### Note

Failure to follow these guidelines can lead to foodstuffs spoiling.

## 5.2 Freezer compartment

Here, a dry, frosty storage climate is created at -18 °C. The frosty storage climate is suitable for storing frozen food for several months, for making ice cubes or freezing fresh food.



## 5.2.1 Freezing food

### Freezing quantity

The maximum amount of fresh food that you can freeze within 24 hours is specified on the type plate (see 10.5 Model plate) under "Freezing capacity ... kg/24h".

To ensure that food quickly freezes through, adhere to the following quantities per package:

- Fruit and vegetables up to 1 kg
- Meat up to 2.5 kg

### Freezing food using SuperFrost

Depending on the quantity to be frozen, you can activate SuperFrost before freezing in order to achieve lower freezing temperatures. (see SuperFrost)

The time at which you activate SuperFrost depends on the amount of food you have to freeze:

| Freezing quantity                | Time at which you should activate SuperFrost  |
|----------------------------------|---|
| Small amount of food to freeze   | Activate SuperFrost about 6 hours before freezing.<br>As soon as the appliance automatically deactivates SuperFrost, you can rearrange the food.  |
| Maximum amount of food to freeze | Activate SuperFrost about 24 hours before freezing.<br>As soon as the appliance automatically deactivates SuperFrost, you can rearrange the food. |

### Arranging your food properly



#### CAUTION

Risk of injury due to broken glass!

Bottles and cans containing drinks may burst when being frozen. This applies particularly to sparkling drinks.

- Do not freeze bottles and cans containing drinks!

| Freezing quantity                | Arranging your food properly  |
|----------------------------------|---|
| Small amount of food to freeze   | Distribute packaged groceries throughout all drawers.<br>If possible, place groceries at the back of the drawer near the rear wall. |
| Maximum amount of food to freeze | Distribute packaged groceries throughout all drawers.<br>If possible, place groceries at the back of the drawer near the rear wall. |

## 5.2.2 Defrosting food



#### WARNING

Risk of food poisoning!

- Do not re-freeze thawed food.
- Use defrosted foodstuff as soon as possible.

You can defrost food in several ways:

- In a fridge
- In the microwave
- In the oven/fan-assisted oven
- At room temperature
- Take out only as much food as necessary.

## 5.3 Storage times

Refer to the specified storage times as a guide.

In the case of foods with a minimum shelf life, the date indicated on the packaging still applies.

| Recommended storage period for various types of food |           |                |
|--|-----------|----------------|
| Ice cream  | at -18 °C | 2 to 6 months  |
| Sausages, ham  | at -18 °C | 2 to 3 months  |
| Bread, baked goods                                   | at -18 °C | 2 to 6 months  |
| Game, pork   | at -18 °C | 6 to 9 months  |
| Fatty fish   | at -18 °C | 2 to 6 months  |
| Lean fish  | at -18 °C | 6 to 8 months  |
| Cheese   | at -18 °C | 2 to 6 months  |
| Poultry, beef  | at -18 °C | 6 to 12 months |
| Vegetables, fruit                                    | at -18 °C | 6 to 12 months |

## 6 Saving energy

- Pay attention to good ventilation. Do not cover ventilation holes or grids.
- Do not install the appliance in direct sunlight or near radiators or similar sources of heat.
- If the appliance is installed directly next to an oven, the energy consumption may increase slightly. This is dependent on the service life and usage intensity of the oven.
- Energy consumption depends on the installation conditions, e.g. the ambient temperature (see 2.3 Appliance range of use) . A warmer ambient temperature can increase the energy consumption.
- Open the appliance for as short a time as possible.
- The lower the temperature is set the higher the energy consumption.
- Keep all food properly packed and covered. This prevents frost from forming.
- Inserting warm food: allow to cool down to room temperature first.
- If there is a thick layer of frost in the appliance: defrost the appliance.

## 7 Controls

### 7.1 Operating controls and display elements

The display provides a quick overview of the current status of the appliance, the temperature setting, the status of functions and messages.

You operate your appliance with the touchbutton.

- |  |              |
|--|--------------|
| (1) Touchbutton (operating control)      | (3) WLAN LED |
| (2) Temperature display/Status indicator |              |

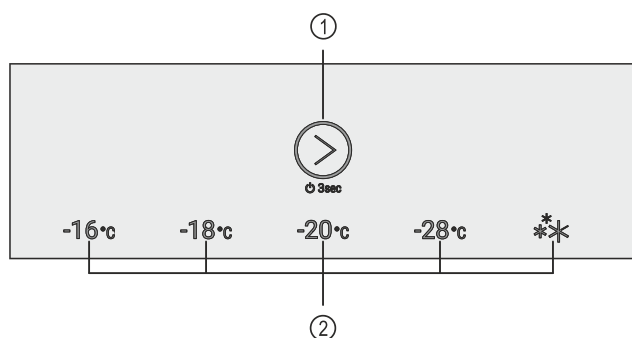


Fig. 9 Example illustration: Display

- (1) Touchbutton (operating control) (2) Temperature display/Status indicator

## 7.1.1 Temperature display/Status indicator

The temperature display/status indicator consists of five LEDs:

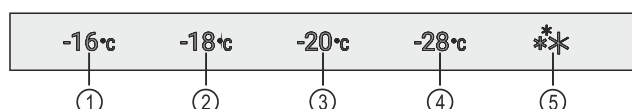


Fig. 10 Example illustration

- (1) LED 1 (2) LED 2 (3) LED 3 (4) LED 4 (5) LED 5

The LEDs indicate temperature settings (see 3.2.1 Main menu) in the main menu and functions in the submenu (see 3.2.2 Submenu).

## 7.1.2 LED behaviour

You can recognise the status of the device by the light up or flashing of the LEDs:

| LED behaviour (example illustration) | Description   |
|--------------------------------------|---|
|                                      | <b>LED does not light up:</b><br>LED is not selected. Function is not active.   |
|                                      | <b>LED lights up:</b><br>LED is selected or function is active.   |
|                                      | <b>LED of the temperature display/status indicator flashes:</b><br>LED flashes after a power failure or temperature alarm until set temperature is reached.<br><b>Several LEDs flash simultaneously:</b><br>An error has occurred. (see 7.3 Messages) |

LED behaviour

## 7.1.3 Audible signals

An audible signal sounds in the following cases:

| Audible signal    | Description                                     |
|-------------------|---|
| Confirmation tone | Sounds when the touchbutton is touched.         |
| Alarm tone        | Sounds when an error occurs. (see 7.3 Messages) |

| Audible signal | Description  |
|----------------|--|
| Error tone     | Sounds when the touchbutton is touched, but the interaction is not possible. |

## 7.2 Appliance functions

### 7.2.1 Notes on the appliance functions

The appliance functions are set at the factory so that your appliance is fully functional.

Before you alter, activate or deactivate the device functions, make sure that the following requirements are met:

- ☐ You have read and understood the descriptions of how the display works. (see 3 Functionality of the display)
- ☐ You have familiarised yourself with the operating and display elements of your appliance. (see 7.1 Operating controls and display elements)



## Switching the appliance off and on

Use this function to switch the entire appliance off and on.

### Switching off the device

When you switch the appliance off, then the previously saved settings are saved.

Make sure that the following requirements are fulfilled:

- ☐ Handling instructions (see 11 Shutting down) are carried out.
- ☐ You are in the main menu. (see 3.2.2 Exiting the submenu)



Fig. 11

- Carry out the action steps according to the illustration until you hear the confirmation tone.
- LEDs of the display no longer light up.
- Device is switched off.

### Switching on the device

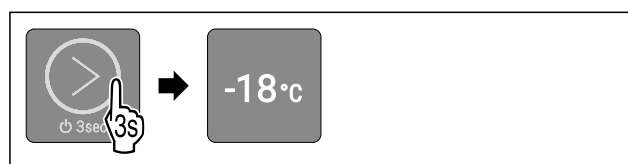


Fig. 13 Example illustration depending on the previously set temperature

- Carry out the action steps according to the illustration until you hear the confirmation tone.
- The device is switched on.
- During first use: The appliance cools to the target temperature set at the factory.
- If the device has been in operation before: The appliance cools to the target temperature set previously.



## Temperature

Use this function to set the temperature.

The temperature depends on the following factors:

- Frequency of door opening
- Duration of door opening



- Room temperature of the installation site
- Type, temperature and quantity of food

Recommended setting: -18 °C

## Setting the temperature

The function is located in the main menu on the positions of LEDs 1-4.

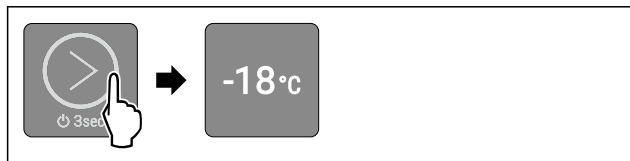


Fig. 16 Example illustration

- ▶ Briefly touch the touchbutton as shown until the desired temperature lights up.
- ▶ Temperature is set.
- ▶ The device cools to the target temperature set.

## \*\*\* SuperFrost

You can use this function to activate or deactivate SuperFrost. If SuperFrost is activated, then the appliance increases the freezing capacity. It allows you to achieve lower freezing temperatures.

Application:

- Quickly freeze fresh food through to the core. This ensures that the nutrition, appearance and taste of frozen food is maintained.
- Increase the cold reserve in stored frozen food before defrosting the device.

### Activating SuperFrost

The function is located in the main menu at the position of LED 5.

Make sure that the following requirements are fulfilled:

- ☐ Freezing quantity and time for activation of SuperFrost are taken into account. (see Freezing food using SuperFrost)

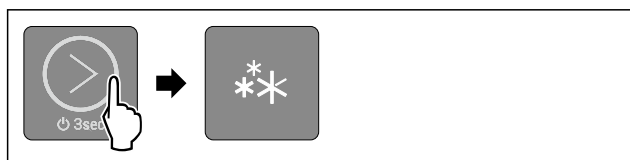


Fig. 18

- ▶ Briefly touch the touchbutton as shown until LED 5 lights up.
- ▶ LED 5 lights up: SuperFrost is activated.
- ▶ The device cools to the target temperature.

### Deactivating SuperFrost

SuperFrost is automatically deactivated after 56 to 72 hours. However, you can also deactivate SuperFrost manually at any time by setting a temperature:

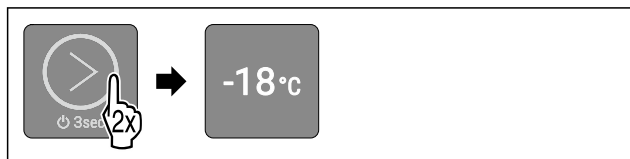


Fig. 19 Example illustration

- ▶ Briefly touch the touchbutton as shown until the desired temperature lights up.
- ▶ Temperature is set and SuperFrost is deactivated.
- ▶ The appliance continues to run in normal mode.
- ▶ The device cools to the target temperature set.



## SabbathMode

With this function you activate or deactivate the SabbathMode. If you activate this function, some electronic functions are switched off. As a result, your device meets the religious requirements for Jewish holidays such as Sabbath and complies with STAR-K Kosher certification.

| Device status when SabbathMode is active  |
|---|
| LEDs 1-5 light up.  |
| All functions in the display are locked except for the <b>Deactivating SabbathMode function</b> .           |
| Active functions remain active.   |
| Messages are not displayed.   |
| There is no door alarm.   |
| There is no temperature alarm.  |
| The defrosting cycle operates only for the specified time, without consideration to the device consumption. |
| After a power failure, the device returns to SabbathMode.   |

### Device status

### Note

This appliance has certification from the "Institute for Science and Halacha". ([www.machonhalacha.co.il](http://www.machonhalacha.co.il))

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

### Activating SabbathMode



### WARNING

Danger of food poisoning from spoiled food!

If you have SabbathMode activated and a power failure occurs, no message appears in the status display about the power failure. Once the power is restored, the appliance continues to operate in SabbathMode. The power failure may mean that food spoils and the consumption of this food could lead to food poisoning.

After a power failure:

- ▶ Do not consume food that was frozen and has thawed out.

The function is located in the submenu at the position of LED 2.

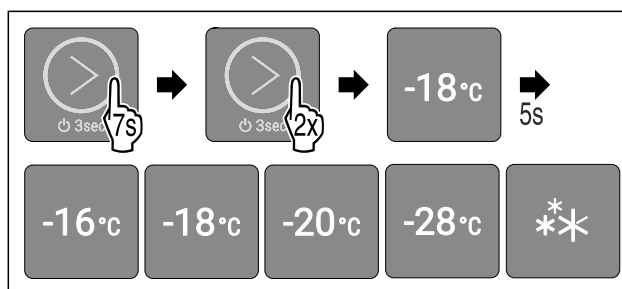


Fig. 20

- ▶ Carry out action steps according to the illustration.
- ▶ LED 2 lights up.
- ▶ After 5 seconds without interaction, SabbathMode is activated. LEDs 1-5 light up.

### Deactivating SabbathMode

The SabbathMode is automatically deactivated after 80 hours. However, you can also deactivate SabbathMode manually at any time:

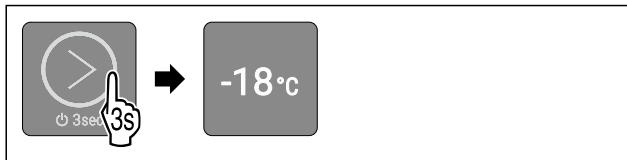


Fig. 21 Example illustration depending on the previously set temperature

- ▶ Carry out the action steps according to the illustration until you hear the confirmation tone.
- ▶ SabbathMode is deactivated.
- ▶ The device continues to run in normal mode. LED of the previously set temperature lights up.
- ▶ You are in the main menu.



## Input lock

You can use this function to activate or deactivate the input lock. The input lock prevents the appliance being operated accidentally, e. g. by children.

Application:

- Avoid unintentional modification of functions.
- Avoid unintentional switching off of the device.
- Avoid unintentional temperature setting.

### Activating the input lock

The function is located in the submenu at the position of LED 1.

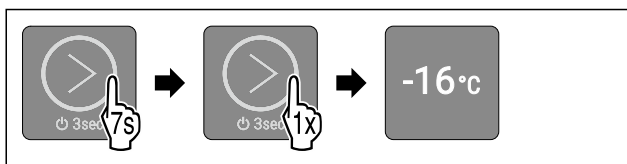


Fig. 22

- ▶ Carry out action steps according to the illustration.
- ▶ LED 1 lights up.
- ▶ After 5 seconds without interaction, input lock is automatically activated.

### Deactivating the input lock



Fig. 23

- ▶ Carry out the action steps according to the illustration until you hear the confirmation tone.
- ▶ Input lock is deactivated.
- ▶ You are in the main menu.



## Demo mode

Demo mode is a special feature for dealers who want to demonstrate device features. If you activate demo mode, all refrigeration functions are deactivated and you cannot open the submenu.

If you activate and then deactivate demo mode, the device will be reset to factory defaults. (see Resetting to factory settings)

### Activating demo mode

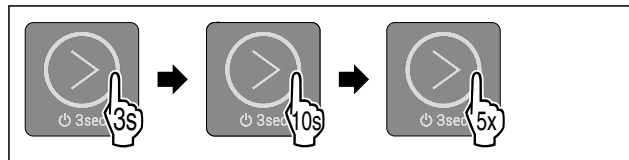


Fig. 24

- ▶ Touch the touchbutton as shown in the illustration for 3 seconds until you hear the confirmation tone.
- ▶ Device is switched off.
- ▶ Touch the touchbutton as shown in the illustration for 10 seconds until you hear the confirmation tone after 10 seconds.
- ▶ Briefly touch the touchbutton five times.
- ▶ All temperature LEDs light up twice for a short time: Demo mode is activated.
- ▶ Device is switched off.
- ▶ Switch on the device. (see Switching on the device)
- ▶ The device is in demo mode.

### Deactivating demo mode

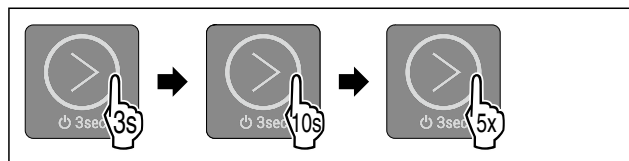


Fig. 25

- ▶ Touch the touchbutton as shown in the illustration for 3 seconds until you hear the confirmation tone.
- ▶ Device is switched off.
- ▶ Touch the touchbutton as shown in the illustration for 10 seconds until you hear the confirmation tone after 10 seconds.
- ▶ Briefly touch the touchbutton five times.
- ▶ All temperature LEDs light up briefly four times: Demo mode is deactivated.
- ▶ Device is switched off.
- ▶ Switch on the device. (see Switching on the device)



## Resetting to factory settings

Use this function to reset all settings to factory defaults. All settings you have made so far are reset to their original settings.

Application:

- Reset device

### Performing a reset

The function is located in the submenu at the position of LED 3.

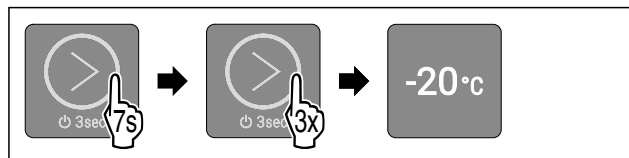


Fig. 26 Example illustration

- ▶ Carry out action steps according to the illustration.
- ▶ LED 3 lights up.
- ▶ After 5 seconds without interaction, the appliance is reset.
- ▶ Appliance is switched off.
- ▶ Switch on the appliance. (see 4.1 Switching on device (first use))

## 7.3 Messages

Messages are indicated audibly by an alarm tone and visually by the LEDs flashing in the display. Different LEDs flash depending on the type of message.

You can end the following messages yourself. For all other messages, you must contact the customer service. (see 10.4 Customer Service)

| Message  | Cause   | Exit the message                                 |
|--|---|--|
| The alarm tone sounds at an ever-increasing volume.<br><b>Door alarm</b> | The message appears if the door is open for more than 60 seconds.                               | Carry out action steps (see Door alarm).         |
| LED 1-5 flash. Alarm tone sounds.<br><b>Power outage alarm</b>           | The message appears when a power failure has occurred and the freezing temperature has changed. | Carry out action steps (see Power outage alarm). |
| LED 1-5 flash. Alarm tone sounds.<br><b>Temperature alarm</b>            | The message appears if the temperature does not correspond to the set temperature.              | Carry out action steps (see Temperature alarm).  |

Overview of messages

### 7.3.1 Ending messages

#### Door alarm



Fig. 27

- End alarm: Carry out action steps according to the illustration.

-or-

- Close the door.

- Alarm has ended.

- If the door is not closed: Message appears again after 4 minutes.

#### Power outage alarm

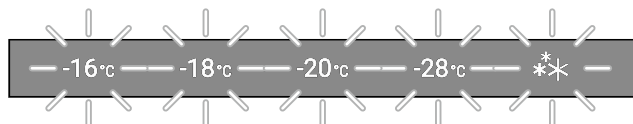


Fig. 28 Display in case of power failure

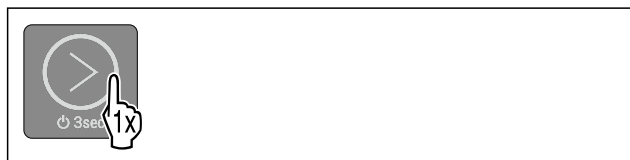


Fig. 29

- End alarm: Carry out action steps according to the illustration.
- The device continues to run in normal mode.
- LED of the previously set temperature flashes until temperature is reached.

- **LED flashes once per second:** Freezing temperature was below -9 °C during the power failure. Food can still be consumed.
- **LED flashes twice per second:** Freezing temperature has risen above -9 °C during the power failure. When LED flashes twice per second:
- Check the food.

#### Temperature alarm

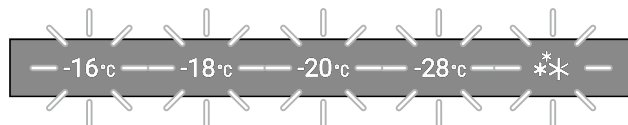


Fig. 30 Display in case of temperature alarm

Possible causes for temperature differences:

- You have put in warm, fresh food.
- Too much warm air has got in while you were sorting out the freezer or removing items.
- There has been a longer power failure.
- The device is faulty.
- Eliminating causes.



Fig. 31

- End alarm: Carry out action steps according to the illustration.
- The device continues to run in normal mode.
- LED of the previously set temperature flashes until temperature is reached.
- **LED flashes once per second:** Freezing temperature was below -9 °C during the temperature alarm. Food can still be consumed.
- **LED flashes twice per second:** Freezing temperature has risen above -9 °C during the temperature alarm. When LED flashes twice per second:
- Check the food.

## 8 Features

### 8.1 Drawers

You can remove the drawers for cleaning.

You can remove the drawers to use VarioSpace.

The way to remove/insert the drawers varies depending on the pull-out system. Your appliance can contain various pull-out systems.

#### Note

The energy consumption increases and the cooling power goes down if ventilation is not sufficient.

- Always leave the fan air vents clear on the back wall!

#### 8.1.1 Drawer on moulded rib

The drawer runs directly on the moulded rib. There are no rails.

# Maintenance

## Removing drawer

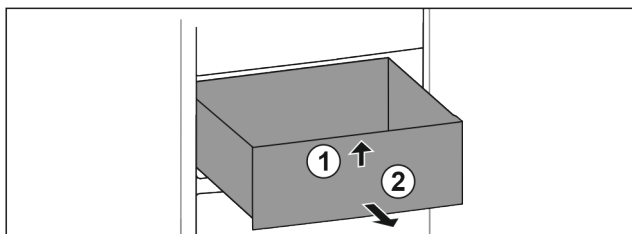


Fig. 32

- Pull out drawer as far as it will go.
- Lift up drawer at the front. Fig. 32 (1)
- Remove drawer to the front. Fig. 32 (2)

## Inserting drawer

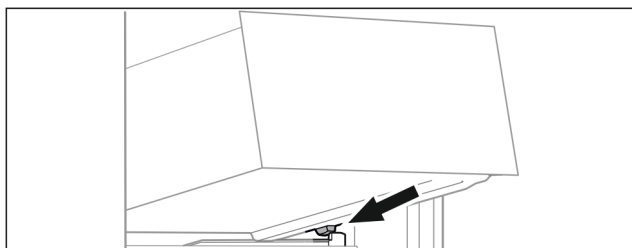


Fig. 33

- Place drawer at an angle behind the stoppers on the moulded rib. (see Fig. 33)
- Lower drawer.
- Slide in drawer to the back.

## 9 Maintenance

### 9.1 Disassembling / assembling pull-out systems

#### 9.1.1 Notes on disassembly

You can disassemble some of the pull-out systems for cleaning. Your appliance can contain a variety of pull-out systems.

The following pull-out systems can be disassembled or cannot be disassembled:

| Pull-out system                | can be disassembled / cannot be disassembled |
|--------------------------------|--|
| Drawer guided on container rib | cannot be disassembled                       |

### 9.2 Defrosting the appliance



#### WARNING

Improper defrosting of the appliance!  
Injuries and damage.

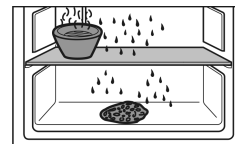
- Do not use mechanical equipment or other methods to speed up the defrosting process other than those recommended by the manufacturer.
- Do not use electrical heating or steam-cleaning appliances, naked flames or defroster sprays to defrost.
- Do not use sharp objects to remove ice.

#### 9.2.1 Manual defrosting

A layer of frost or ice forms after prolonged use.

The following factors promote the formation of frost or ice:

- The appliance is opened frequently.
  - Hot food is put in.
- One day before defrosting:
- Activate SuperFrost. (see 7.2 Appliance functions)
  - Frozen goods have a "residual coldness".
  - Switch the appliance off.
  - Pull the mains plug out of the socket or switch the fuse off.
  - Wrap the frozen produce in newspaper or blankets and store in a cool place.
  - Place a pan of hot water (not boiling) on the middle shelf.



- This speeds up the defrosting process.
- Leave the appliance door open during defrosting.
- Remove loosened pieces of ice.
- Make sure that there is no melted ice water in the cabinet.
- Soak up the melted ice water with a sponge or cloth several times as necessary.
- Clean the appliance. (see 9.3 Cleaning the appliance)

### 9.3 Cleaning the appliance

#### 9.3.1 Ready



#### WARNING

Danger of electric shock!

- Remove the refrigerator connector or interrupt the power supply.



#### WARNING

Risk of fire

- Do not damage the refrigeration circuit.

- Empty the appliance.
- Remove mains connector.

#### 9.3.2 Cleaning the interior

#### NOTICE

Improper cleaning!

Damage to the appliance.

- Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
- Do not use abrasive sponges or steel wool which may cause scratches.
- Do not use any sharp or abrasive cleaning agents, nor any that contain sand, chloride or acid.
- Plastic surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.
- Metal surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.
- Drain hole: remove deposits using a thin item (for example a cotton bud).

### 9.3.3 Clean the components

#### NOTICE

Improper cleaning!

Damage to the appliance.

- ▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
- ▶ Do not use abrasive sponges or steel wool which may cause scratches.
- ▶ Do not use any sharp or abrasive cleaning agents, nor any that contain sand, chloride or acid.

**Clean with a soft, clean cloth, lukewarm water and some detergent:**

- Drawer

**Wash in the dishwasher up to 60 °C:**

- Ice cube tray
- ▶ To disassemble components: see the relevant section.
- ▶ Clean the components.

### 9.3.4 After cleaning

- ▶ Wipe the appliance and the components dry.
- ▶ Connect and switch on the appliance.
- ▶ Activate SuperFrost (see 7.2 Appliance functions). The temperature is cold enough:
- ▶ Place the food inside.
- ▶ Repeat cleaning regularly.

## 10 Customer help

### 10.1 Technical specifications

| Temperature range |                  |
|-------------------|------------------|
| Freeze            | -28 °C to -16 °C |

| Maximum ice cube quantity / 24 hours |  |
|--------------------------------------|--|
| Freezer compartment                  | see type plate under "Freezing capacity .../ 24 h" |

| Equipment     | Maximum loading weight |
|---------------|------------------------|
| Top drawer    | 20 kg                  |
| Middle drawer | 20 kg                  |
| Bottom drawer | 10 kg                  |

### 10.2 Operating noises

The appliance makes different noises when it is on.

- At **higher temperatures** the appliance uses less energy but works for longer. It is **quieter**.
- At **lower temperatures** the food is cooled faster. It is **louder**.

| Defect                               | Cause   | Remedy                       |
|--------------------------------------|---|------------------------------|
| <b>The appliance is not working.</b> | → The appliance is not switched on.                       | ▶ Switch the appliance on.   |
|                                      | → The power plug is not properly plugged into the socket. | ▶ Check the power plug.      |
|                                      | → There is something wrong with the power outlet fuse.    | ▶ Check the fuse.            |
|                                      | → Power cut   | ▶ Keep the appliance closed. |

Examples:

- Functions on (see 7.2 Appliance functions)
- Food recently added
- High ambient temperature
- Door open for a while

| Noise                  | Possible cause  | Type of noise          |
|------------------------|---|------------------------|
| Bubbling and splashing | Coolant flowing into the cooling circuit.                           | Normal operating noise |
| Hissing                | Coolant sprays into the cooling circuit.                            | Normal operating noise |
| Humming                | The appliance is cooling. The volume depends on the cooling output. | Normal operating noise |
| Clicking               | Components are switched on and off.                                 | Normal switching noise |
| Rattling or humming    | Valves or flaps are working.  | Normal switching noise |

| Noise     | Possible cause                         | Type of noise   | Lifting  |
|-----------|--|-----------------|--|
| Vibration | Improper installation                  | Defective noise | Check the installation. Level the appliance.             |
| Rattling  | Components, items inside the appliance | Defective noise | Secure components. Leave enough space between the items. |

### 10.3 Technical fault

Your appliance is designed and built to ensure it works reliably and has a long service life. In the unlikely event that a fault occurs during operation, please check whether it is due to an operating error. If so, you will be charged for the callout and repair costs even if it falls within the warranty period.

You can fix the following faults yourself.

#### 10.3.1 Appliance function

# Shutting down

| Defect  | Cause   | Remedy   |
|---|---|--|
|   |   | <ul style="list-style-type: none"> <li>► Safeguarding food: Place cold packs on top of food or use another freezer if the power cut lasts longer.</li> <li>► Do not re-freeze defrosted food,</li> </ul> |
|   | → The IEC socket is not plugged into the appliance correctly.                           | ► Check the IEC socket.  |
| <b>Temperature is not cold enough.</b>  | → The appliance door is not closed properly.  | ► Close the appliance door.  |
|   | → Not enough ventilation.   | ► Keep ventilation grille clear, and clean it.   |
|   | → The ambient temperature is too high.  | ► Problem solution: (see 2.3 Appliance range of use)   |
|   | → The appliance was opened too many times or for too long.                              | ► Wait to see if the required temperature corrects itself. If not, contact Customer Service. (see 10.4 Customer Service)   |
|   | → Too much fresh food was placed inside without SuperFrost.                             | ► Solution: (see SuperFrost)   |
|   | → The temperature is set incorrectly.   | ► Turn down the temperature and check after 24 hours.  |
|   | → The appliance is too close to a heat source (oven, radiator, etc).                    | ► Move the appliance or the heat source.   |
|   | → The appliance was not correctly installed in the recess.                              | ► Check if the appliance was installed correctly and that the door closes properly.  |
| <b>The door seal is defective or needs to be replaced for another reason.</b> | → The door seal can be replaced. It can be replaced without the need for special tools. | ► Contact Customer Service. (see 10.4 Customer Service)  |
| <b>The appliance builds up too much ice or condensation.</b>                  | → The door seal may have slipped out of its groove.                                     | ► Check that the door seal is well fitted in the groove.   |

## 10.4 Customer Service

First check whether you can rectify the fault yourself (see 10 Customer help) . If you cannot rectify the problem, contact Customer Service.

You can find the address in the enclosed brochure "Liebherr-Service" or at [home.liebherr.com/service](http://home.liebherr.com/service).



### WARNING

Unprofessional repair!  
Injuries.

- Have any repairs and action - not expressly specified - on the appliance and mains cable carried out by service personnel only. (see 9 Maintenance)
- A damaged mains cable may only be replaced by the manufacturer, the manufacturer's Customer Service or a similarly qualified person.
- In the case of appliances with an IEC connector, the change may be made by the customer.

### 10.4.1 Contacting Customer Service

Make sure that the following appliance information is available:

- ☐ Appliance name (model and index)
- ☐ Service no. (Service)
- ☐ Serial no. (S no.)
- Refer to the type plate for device information. (see 10.5 Model plate)

- Note down the appliance information.
- Notify customer service: Report errors and the appliance information.
- This will help us to provide you with a faster, more accurate service.
- Follow further instructions from Customer Service.

## 10.5 Model plate

The type plate is located on the bottom inside of the machine.

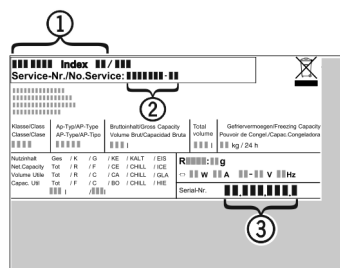


Fig. 34

- (1) Appliance description
- (2) Service no.
- (3) Serial no.

- Note the data on the model plate.

## 11 Shutting down

- Empty the appliance.



- ▶ Switch off appliance. (see Switching the appliance off and on)
- ▶ Pull the mains plug out of the socket.
- ▶ Remove the IEC socket if required: Pull the IEC socket out of the appliance plug and move it to the left and right at the same time.
- ▶ Clean appliance. (see 9.3 Cleaning the appliance)
- ▶ Leave the door open, so that no unpleasant odours arise.
- ▶ Transport the appliance without damaging it.
- ▶ Dispose of batteries, lamps and the appliance according to the above specifications.

## 12 Disposal

### 12.1 Preparing appliance for disposal



**Li-Ion**

Liebherr uses batteries in some of its appliances. In the EU, for environmental reasons, legislation obliges the end user to remove these batteries before disposing of old appliances. If your appliance contains batteries, a corresponding notice is attached.

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

- ▶ Take the appliance out of operation.
- ▶ If possible: remove lamps without destroying them.

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



The appliance still contains valuable materials and must be disposed of separately from unsorted municipal waste.



**Li-Ion**



**Li-Ion**

Dispose of batteries separately from the old appliance. To do this, you can return the batteries free of charge to retailers as well as recycling centres and collection centres for recyclable materials.

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

For Germany:

You can dispose of the appliance free of charge via the class 1 collection containers at the local recycling and recyclable material collection centres. When purchasing a new fridge/freezer, if the sales area > 400 m<sup>2</sup>, retailers will also take back the old appliance free of charge.



#### WARNING

Leaking coolant and oil!

Fire. The coolant contained in the appliance is eco-friendly, but also flammable. The oil contained in the appliance is flammable. Escaping coolant and oil can ignite if the concentration is high enough and in contact with an external heat source.

- ▶ Do not damage the pipelines of the coolant circuit and the compressor.
- ▶ Observe the notes on transporting the appliance.



[home.liebherr.com/fridge-manuals](https://home.liebherr.com/fridge-manuals)

**EN** base unit freezer

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