User Guide

Quality, Design and Innovation



home.liebherr.com/fridge-manuals

LIEBHERR

Contents

1 The appliance at a glance ... 3
1.1 Delivered contents ... 3
1.2 Appliance and equipment overview ... 3
1.3 SmartDevice ... 3
1.4 Range of appliance use ... 3
1.5 Conformity ... 4

2 General safety instructions ... 4

3 Start-up ... 5
3.1 Turning on the appliance ... 5
3.2 Insert the equipment ... 5

4 Food management ... 6
4.1 Storing food ... 6
4.2 Storage times ... 6

5 Energy saving ... 6

6 Use ... 6
6.1 Controls and displays ... 6
6.1.1 Status display ... 7
6.1.2 Navigation ... 7
6.1.3 Operating structure ... 7
6.1.4 Display symbols ... 7
6.2 Operating logic ... 7
6.2.1 Activating/deactivating settings ... 7
6.2.2 Selecting function value ... 8
6.2.3 Activating/deactivating settings ... 8
6.2.4 Selecting the setting value ... 8
6.2.5 Calling up the customer menu ... 8
6.3 Functions ... 8
Turn off appliance ... 8
WiFi ... 9
Temperature ... 9
Temperature unit ... 10
SuperFrost ... 10
PartyMode ... 10
SabbathMode ... 10
E-Saver ... 10
Display brightness ... 11
Door alarm ... 11
Entry lock ... 11
Info ... 11
Reset ... 11
6.4 Error messages ... 11
6.4.1 Warnings ... 11
6.4.2 DemoMode ... 12

7 Equipment ... 12
7.1 Drawers ... 12
7.2 VarioSpace ... 13

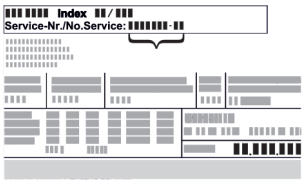
8 Maintenance ... 13
8.1 Disassembling / assembling pull-out systems ... 13
8.2 Defrosting the appliance ... 14
8.3 Cleaning the appliance ... 14

9 Customer support ... 14
9.1 Technical specifications ... 14
9.2 Operating noises ... 15
9.3 Technical faults ... 15
9.4 Customer service ... 16
9.5 Rating plate ... 16

10 Decommissioning ... 16

11 Disposal ... 16
11.1 Preparing appliance for disposal ... 16
11.2 Disposing of the appliance in an environmentally friendly manner ... 17

The manufacturer is constantly working to improve all types and models. Therefore, please be aware that we reserve the right to make changes to the shape, equipment and technology.

Symbol	Explanation
	**Read instructions** Please read the information in these instructions carefully to understand all of the benefits of your new appliance.
	**Full instructions on the internet** You can find detailed instructions on the internet using the QR code on the front of these instruction or by entering the service number at **home.liebherr.com/fridge-manuals**. The service number can be found on the serial tag:  *Fig.* Example illustration
	**Check appliance** Check all parts for transport damage. If you have any complaints, please contact your agent or customer service.
	**Differences** These instructions apply to a range of models, so there may be differences. Sections that apply to certain models only are indicated by an asterisk (*).
	**Instructions and results** Instructions are marked with a ▶. Results are marked with a ▷.
	**Videos** Videos about the appliances are available on the YouTube channel of Liebherr-Hausgeräte.

These operating instructions apply to:

FN f	42/46/50/52...

Note
If your appliance has an N in its appliance designation, it is a NoFrost appliance.

1 The appliance at a glance

1.1 Delivered contents

Check all parts for damage during transport. If you have any complaints, please contact the dealer or Customer Service (see 9.4 Customer service) .

Delivery contains the following parts:

- Standalone appliance
- Equipment (depending on your model)
- Installation parts (depending on your model)
- “Quick Start Guide”
- “Installation Guide”*

1.2 Appliance and equipment overview

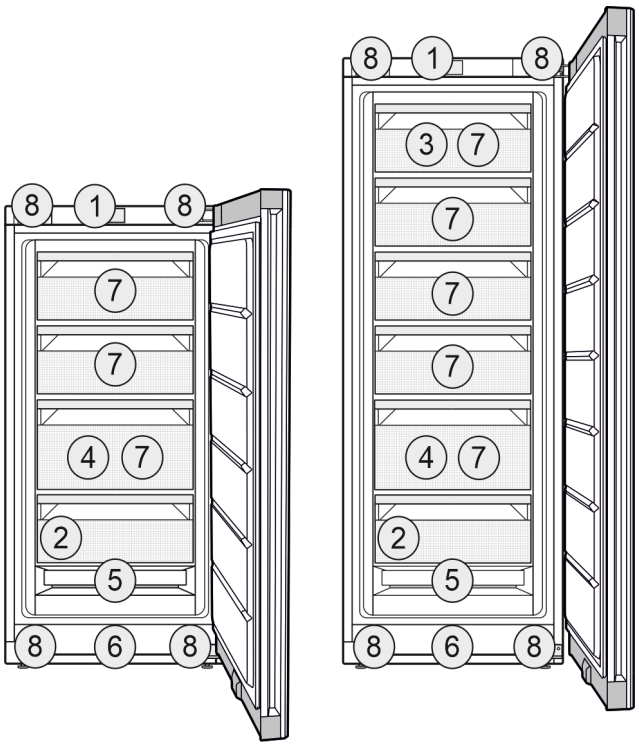


Fig. 1 Example illustration

Equipment

(1) Control elements
(2) Serial tag
(3) Tilting drawer*
(4) SpaceBox
(5) NoFrost
(6) Ventilation slit
(7) VarioSpace
(8) Adjustable feet (front), transport castors (rear), transport handles at the top (rear) and bottom (front)

Note

▶ The shelves, drawers, and baskets are arranged for optimal energy efficiency in the factory configuration. However, changes to the arrangement within the given insertion options – for example the arrangement of shelves in the fridge compartment – have no effect on energy consumption.

1.3 SmartDevice

SmartDevice is the networking solution for your freezer.

If your appliance is SmartDevice-enabled or compatible, you can quickly and easily connect your appliance to your WiFi. With the SmartDevice app, you can operate your appliance from a mobile device. Additional functions and setting options are available in the SmartDevice app.

SmartDevice-compatible appliance:	Your appliance is compatible for use with the SmartDeviceBox. You must first purchase and install the SmartDeviceBox. In order to connect your appliance to the WiFi, you need to download the SmartDevice app.
More information about SmartDevice:	**smartdevice.liebherr.com**
Purchase the SmartDeviceBox in the Liebherr-Hausgeräte store:	**home.liebherr.com/shop/de/deu/smartdevicebox.html**
Downloading the SmartDevice app:	After installing and configuring the SmartDevice app, you can connect your appliance to the WiFi using the SmartDevice app and the WiFi appliance function (see WiFi) .

Note

You cannot use the SmartDeviceBox in the following countries: Russia, Belarus, Kazakhstan. The SmartDevice function is not available.

1.4 Range of appliance use

Normal use

The appliance is only suitable for cooling food for residential or other similar environments. This includes the following types of uses

- in staff kitchens, bed and breakfasts,
- by guests in country homes, hotels, motels and other types of accommodations,
- for catering and similar wholesale services.

The appliance is not suitable as a built-in unit;

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 Medical Device Directive 2007/47/EC
- 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 from
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

If your appliance does not have a fixed water connection, then the appliance is guaranteed to function correctly down to a lower ambient temperature of -15 °C.

1.5 Conformity

The refrigerant circuit has been tested for leaks. 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

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 these operating instructions before use in order to use the appliance safely and correctly. 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.

Dangers for the user:

- This appliance can be operated by children as well as by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they are supervised or have been instructed in the safe use of the appliance and understand the associated risks. Children must 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 if they are not constantly supervised.
- 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 outlet, always take hold of the plug. Do not pull on the cable.
- Disconnect the power plug or switch off the power if a fault occurs.
- Do not damage the mains power line. Do not operate the appliance from a defective mains power line.
- Repairs and work on the appliance may only be carried out by after sales service or other specifically trained qualified personnel.
- The appliance should only be assembled, connected and disposed of in accordance with the instructions.

Risk of fire:

- The refrigerant contained within the appliance (specifications on the rating plate) is environmentally friendly, but flammable. Leaking refrigerant can ignite.
  - Do not damage the pipes of the refrigerant circuit.
  - Do not handle ignition sources inside the appliance.
  - Do not use electrical devices inside the appliance (e.g. steam cleaners, heaters, ice cream makers, etc.).
  - If refrigerant leaks: Remove naked flames or ignition sources located near the area of the leak. Air the room well. Contact the customer service department.
- Do not store explosive materials or spray cans with flammable propellants, such as e.g. butane, propane, pentane, etc. in the appliance. You can recognize such spray cans by the printed contents or a flame symbol. Any leaking gasses can be ignited by electrical components.
- Keep lit candles, lamps and other objects with naked flames away from the appliance so they do not cause a fire.
- Alcoholic beverages or other containers holding alcohol must always be tightly

sealed for storage purposes. Any leaking alcohol can be ignited by electrical components

Tipover hazard:

- Do not stand or climb on the base, drawers, doors, etc. This applies in particular to children.

Risk of food poisoning:

- Do not consume food that has passed its best before date.

Danger of frostbite, feelings 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 lead to injuries. Do not use any electrical heating or steam cleaning equipment, naked flames or defrosting sprays for defrosting
- Do not remove ice with sharp objects

Risk of crushing:

- Do not reach into the hinge when opening and closing the door. Fingers may get trapped.

Symbols on the device:



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



The symbol is located on the compressor and indicates the danger of inflammable materials. Do not remove the label.



This label or a similar one can be located on the rear of the appliance. It refers to the foamed-in 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 a 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, will 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 Start-up

3.1 Turning on the appliance

Make sure that the following requirements are met:

❑ Appliance is set up and connected according to installation instructions.
❑ All adhesive strips, adhesive and protective films, as well as transport safety devices in and on the appliance are removed.
❑ All advertising material has been removed from the drawers.

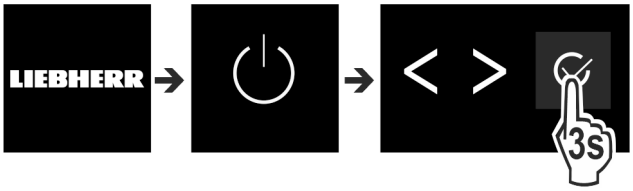


Fig. 2

▶ Switch on the appliance using the control panel next to the display.
▷ The status display appears.

The appliance starts in DemoMode:

If the appliance starts in DemoMode, you can deactivate DemoMode within the next 5 minutes.

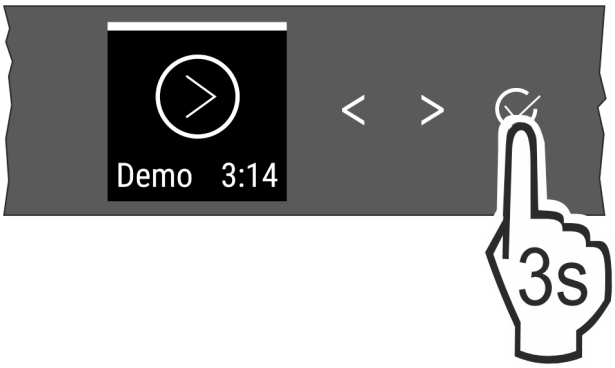


Fig. 3

▶ Press Confirm next to the display for 3 seconds.
▷ DemoMode is deactivated.

Note
The manufacturer recommends:
▶ **Store frozen foods** at -18 °C or colder.

3.2 Insert the equipment

Note
Accessories can be purchased from the Liebherr-Hausgeräte store at home.liebherr.com/shop/de/deu/zubehor.html.

▶ Insert the supplied equipment to help you make the most of the appliance.

4 Food management

4.1 Storing food

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.

Note
Insufficient ventilation results in an increase in energy consumption and reduction of the refrigerating performance
▶ Always keep the air slots unobstructed.

When storing food, remember these basic rules:
❑ Do not obstruct the air vents on the back wall.
❑ Do not obstruct the air vents on the fan.
❑ Food is well sealed.
❑ Raw meat or fish is in clean, sealed containers so that other food cannot be touched or drip on them.
❑ Food is stored spaced apart to ensure good air circulation.

Note
Failure to follow these guidelines can lead to food perishing.

4.1.1 Freezer

This provides a dry, frosty storage climate at -18 °C. A frosty climate is suitable for storing frozen food and goods for several months, preparing ice cubes, or freezing fresh food.

Freezing food

You can freeze as many kilograms of fresh food within 24 hours as indicated on the nameplate (see 9.5 Rating plate) under "freezing capacity ... kg/24h".

To ensure that the food freezes quickly to the core, keep to the following quantities per pack:
- Fruit, vegetables up to 1 kg
- Meat up to 2.5 kg

Before freezing, please note the following:
❑ SuperFrost is activated (see 6.3 Functions) when the amount of food to freeze exceeds approx. 2 kg.
❑ With a small amount of frozen goods: SuperFrost is activated approx. 6 hours prior.
❑ With the maximum amount of frozen goods: SuperFrost is activated approx. 24 hours prior.

Arranging the food:

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.
▶ The *BottleTimer* function must be used when freezing bottles and cans with drinks.

With a small amount of frozen goods:
▶ Place packaged groceries in the top drawer.
▶ If possible, place groceries at the back of the drawer near the rear wall.
With the maximum amount of frozen goods:
▶ Distribute packaged groceries across all drawers, but do not place any groceries in the lowest drawer.
▶ If possible, place groceries at the back of the drawer near the rear wall.
With the maximum amount of frozen goods:
▶ Once SuperFrost deactivates automatically, place food into the drawer.

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.

▶ Remove only the food you need for now.
▶ Use defrosted food as quickly as possible

4.2 Storage times

The storage times given are guidelines

Food with a “use by” date must still be consumed by the date indicated on the package

Guidelines for storage periods for various foods		
Ice cream	at -18 °C	2 to 6 months
Sausage, ham	at -18 °C	2 to 3 months
Bread, bakery products	at -18 °C	2 to 6 months
Game, pork	at -18 °C	6 to 9 months
Fish, fatty	at -18 °C	2 to 6 months
Fish, lean	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

5 Energy saving

- Always ensure good ventilation. Do not obstruct ventilation openings or grilles.
- 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 1.4 Range of appliance use) . A warmer ambient temperature can increase the energy consumption.
- Avoid opening the appliance door for any longer then 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.

6 Use

6.1 Controls and displays

The display provides a quick overview of the temperature setting and the status of functions and settings. You can control the functions and settings either by deactivating/activating them or by selecting a value.

6.1.1 Status display



Fig. 4

(1) Temperature display

The Status display shows the set temperatures and is the home display. From there, you can navigate to the options and settings.

6.1.2 Navigation

Navigate in the menu to access the individual functions. An audible signal sounds after confirming a function or setting. If no selection is made after 10 seconds the display switches to the Status display.

The appliance is operated with the buttons next to the display.



Fig. 5

(1) Left/right navigation arrow

(2) Confirm

Left/right navigation arrow *Fig. 5 (1)*:

- Navigating in the menu. After the last menu page, it goes back to the first one.

Confirm *Fig. 5 (2)*:

- Activating/deactivating a function.
- Opening a submenu.
- Confirming a selection. After confirmation the display switches back to the menu.

Back to the Status display: in the fastest possible manner:

- Close and open the door.
- or wait 10 seconds. The display changes to the Status display.

6.1.3 Operating structure

The controls are explained by a template. The display changes depending on the function or settings.

Menu without submenu

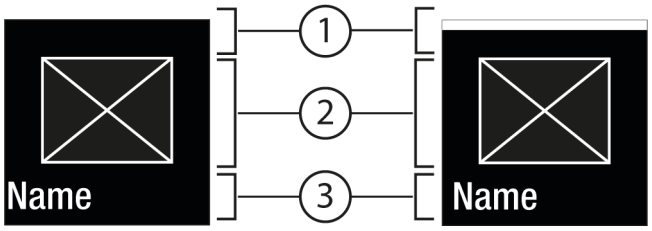


Fig. 6

(1) Status deactivated / status activated white bar in the top area

(2) Symbol or selected value

(3) Menu: Function name or menu: Setting name

Menu with submenu

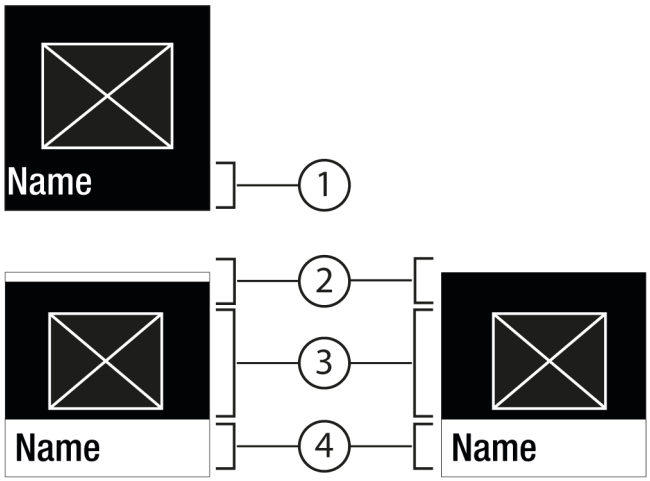


Fig. 7

(1) Menu: Function name or menu: Setting name

(2) Status

(2) Off / On

(3) Symbol or selected value

(4) Submenu: Function name or submenu: Setting name

You can navigate as follows:

- Navigate with the left/right navigation arrow *Fig. 5 (1)*.
- Press Confirm *Fig. 5 (2)* to go to the submenu *Fig. 7 (4)*.
  - Navigate with the left/right navigation arrow *Fig. 5 (1)*.
  - Set new level: Press Confirm *Fig. 5 (2)* to select a deselected value *Fig. 6 (1)*.
  - Back to menu: Press Confirm *Fig. 5 (2)* to select the selected value *Fig. 6 (2)*.

6.1.4 Display symbols

The display symbols provide information about the current appliance status.

Symbol	Appliance status
	**Standby** The appliance or temperature zone is turned off.
	**Flashing number** Appliance is working. Temperature flashes, until the set value is reached.
	**Flashing symbol** Appliance is working. Setting is made.
	**Bar grows steadily** Function is activated.

6.2 Operating logic

6.2.1 Activating/deactivating settings

You can activate/deactivate the following functions:

Symbol	Function
	SuperFrost*

Symbol	Function
	PartyMode[x]
	E-Saver

[x] When function is on, the appliance works harder. This means appliance noise when operating may be louder for a short while, and more energy will be consumed.

▶ Press the navigation arrows *Fig. 5 (1)* repeatedly until the function is displayed.
▶ Press Confirm *Fig. 5 (2)*.
▷ You hear the confirmation tone.
▷ Status appears in the menu.
▷ Function is on/off.

6.2.2 Selecting function value

With the following functions you can set a value in the submenu:

Symbol	Function
	Setting the temperature Switch the appliance on/off

▶ Press the navigation arrows *Fig. 5 (1)* repeatedly until the function is displayed.
▶ Press Confirm *Fig. 5 (2)*.
▶ Select the setting value with the navigation arrows *Fig. 5 (1)*.

Setting the temperature

▶ Press *Fig. 5 (2)* confirm.
▷ You hear the confirmation tone.
▷ Status: on *Fig. 6 (1)* appears briefly in the submenu *Fig. 7 (4)*.
▷ Display switches back to the menu.

6.2.3 Activating/deactivating settings

You can activate/deactivate the following settings:

Symbol	Setting
	WiFi[1]
	Entry lock[2]
	SabbathMode[2]
	Reset[2]
	Switch off [2]

▶ Press the navigation arrows *Fig. 5 (1)* repeatedly until the settings  are displayed.
▶ Press Confirm *Fig. 5 (2)*.
▶ Press the navigation arrows *Fig. 5 (1)* repeatedly until the desired setting is displayed.

[1] **Activate setting (short press)**

▶ Press Confirm *Fig. 5 (2)*.
▷ You hear the confirmation tone.
▷ Status appears in the menu.
▷ Setting is activated / deactivated.

[2] **Activate setting (long press)**

▶ Press Confirm *Fig. 5 (2)* for 3 seconds.
▷ You hear the confirmation tone.
▷ Status appears in the menu.
▷ Display changes.

6.2.4 Selecting the setting value

With the following settings you can set a value in the submenu:

Symbol	Settings
	Brightness
	Door alarm
	Temp. unit

▶ Press the navigation arrows *Fig. 5 (1)* repeatedly until the settings  are displayed.
▶ Press Confirm *Fig. 5 (2)*.
▶ Press the navigation arrows *Fig. 5 (1)* repeatedly until the desired setting is displayed.
▶ Press Confirm *Fig. 5 (2)*.
▶ Select the setting value with the navigation arrows *Fig. 5 (1)*.
▶ Press Confirm *Fig. 5 (2)*.
▷ You hear the confirmation tone.
▷ Status appears briefly in the submenu.
▷ Display switches back to the menu.

6.2.5 Calling up the customer menu

The customer menu provides the following settings:

Symbol	Function
	Software

▶ Press the navigation arrows *Fig. 5 (1)* repeatedly until the settings  appear.
▶ Press Confirm *Fig. 5 (2)*.
▶ Press the navigation arrows *Fig. 5 (1)* repeatedly until appliance information  appears in the display.
▶ Press Confirm *Fig. 5 (2)*.
▶ Enter the numerical code 151.
▷ The customer menu appears.
▶ Press the navigation arrows *Fig. 5 (1)* repeatedly until the desired setting appears.

[1] **Select the setting value**

▶ Press Confirm *Fig. 5 (2)*.
▷ You hear the confirmation tone.
▷ Status appears briefly in the display.
▷ The display switches back to the menu.

[2] **Activate setting**

▶ Press Confirm *Fig. 5 (2)* for 3 seconds.
▷ You hear the confirmation tone.
▷ Status appears in the display.
▷ The symbol flashes as long as the appliance is working.

6.3 Functions

 Turn off appliance

This setting turns off the whole appliance.

Switch off whole appliance

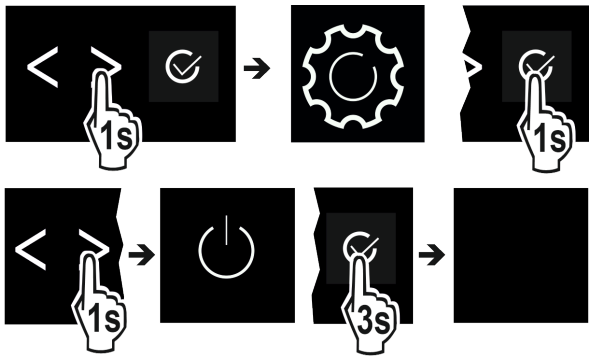


Fig. 8

▶ Activating/deactivating (see 6.2 Operating logic) .
▷ Off: Display turns black.

WiFi

Use this function to connect your appliance to the WiFi. You can then operate it via the SmartDevice app on a mobile device. You can also use this function to disconnect or reset the WiFi connection. To connect your appliance to the WiFi, you need the SmartDeviceBox. For more information about the SmartDeviceBoxand how to use the SmartDevice app: (see 1.3 SmartDevice)

Note
You cannot use the SmartDeviceBox in the following countries: Russia, Belarus, Kazakhstan. The SmartDevice function is not available.

Establishing a WiFi connection

Make sure that the following requirements are fulfilled:

❑ You have a SmartDeviceBox and it is switched on. (see 1.3 SmartDevice)
❑ You have installed the SmartDevice app (see apps.home.liebherr.com).

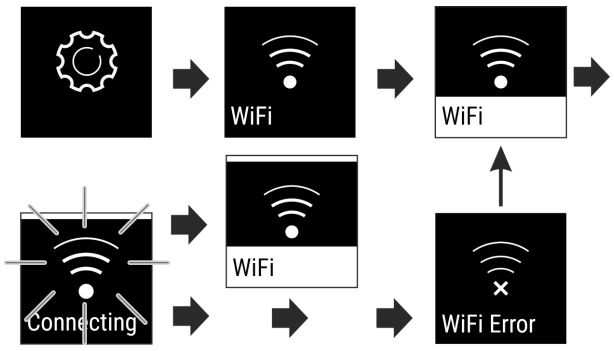


Fig. 9

▶ Activate the setting. (see 6.2 Operating logic)
▷ Connection is established: Status: enabled *Fig. 6 (1)* and WiFi connecting appears. The symbol flashes.
▷ Connection is established: Status: activated *Fig. 6 (1)* appears.
▷ Connection failed: Status and Connect appears. The symbol is permanently visible.

Disconnecting from the WiFi

▶ Deactivate the setting. (see 6.2 Operating logic)

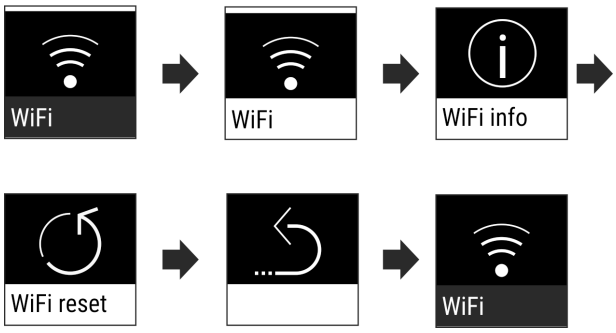


Fig. 10

▷ There is no connection: Symbol  is permanently visible.

Resetting the WiFi connection

▶ Reset settings. (see 6.2 Operating logic)

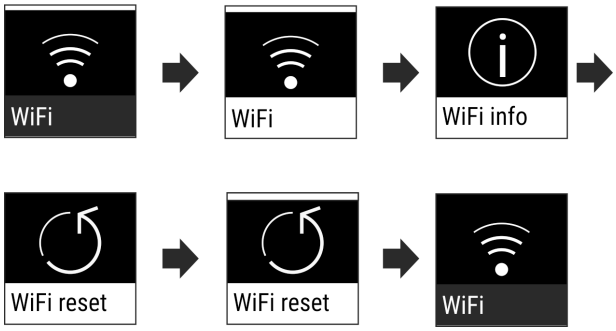


Fig. 11

▷ The connection and other settings are reset to the factory settings.

-18 °C Temperature

The temperature depends on the following factors:

- the number of times the door is opened
- The duration the door is opened
- the room temperature of the installation location
- the type, temperature and amount of food

Freezer compartment	Recommended setting
-18 °C	-18 °C

Setting the temperature

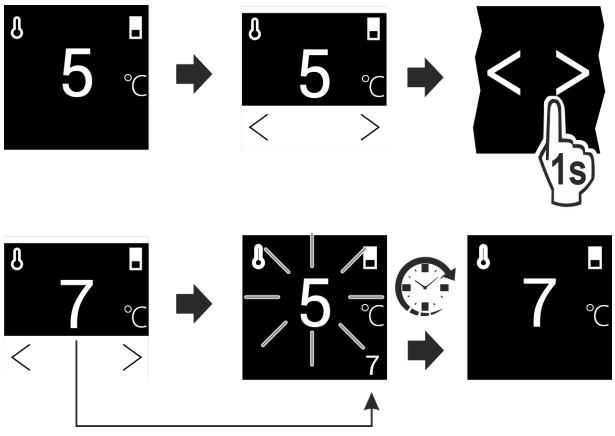


Fig. 12

▶ Set the value. (see 6.2 Operating logic) .
▷ The set temperature is shown on the bottom right of the display.

Temperature unit

This setting allows you to change between Celsius and Fahrenheit as the temperature unit.

Selecting the setting value

▶ Set the value (see 6.2 Operating logic) .

SuperFrost

Select this function for the maximum freezing setting, to reach lower freezing temperatures.

Use:

- To freeze more than 2 kg fresh food a day.
- Freezing fresh food quickly to the core.
- Increasing the cold reserves in the stored goods before defrosting the appliance.

Activating/deactivating settings

With a small volume of frozen goods:
▶ Activate 6 hours before use.
With the maximum volume of frozen goods:
▶ Activate 24 hours before use.
▶ Activating/deactivating (see 6.2 Operating logic) .

The function automatically turns off. The appliance goes back to normal mode. The temperature adjusts itself to the set level.

PartyMode

This option offers an assortment of special functions and settings that are useful if you are having a party.

The following functions are activated:

- *SuperFrost*

You can set any functions you like. Your changes are lost when the option is switched off.

Activating/deactivating settings

▶ Activating/deactivating (see 6.2 Operating logic) .
▷ On: All functions are activated at the same time.
▷ Deactivated: Previously set temperatures are restored.

The function is automatically switched off after 24 hours.

SabbathMode

With this function you can activate or deactivate the SabbathMode. If you activate this function, some electronic functions will be switched off. This allows your device to meet religious requirements on Jewish holidays such as the Sabbath and comply with STAR-K Kosher certification.

Appliance status with active SabbathMode
The status display continuously shows SabbathMode.
All functions in the display except the **Deactivate SabbathMode function** are locked.
Active functions remain active.
The display stays lit when you close the door.
Reminders are disabled. The set time intervals are paused.
Reminders and warnings are not displayed.
There is no door alarm.
There is no temperature alarm.
The defrost cycle only works for the specified time without taking account of appliance use.
After a power failure, the appliance returns to SabbathMode.

Appliance status

Note
This appliance has certification from the “Institute for Science and Halacha”. (www.machonhalacha.co.il)

You can find a list of STAR-K-certified appliances at www.star-k.org/appliances.

Activating SabbathMode

WARNING
Danger of 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 has been frozen and thawed.

▶ Call up the settings menu. (see 6.2 Operating logic)
▶ Tap the navigation arrow repeatedly until the corresponding function is displayed.

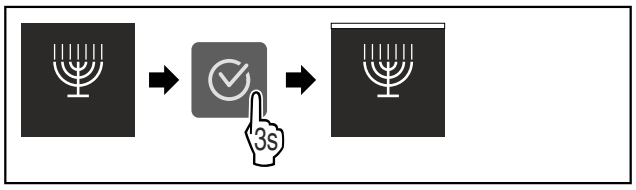


Fig. 13

▶ Complete the steps (see Fig. 1131) .
▷ SabbathMode is activated.
▷ Status display continuously shows SabbathMode.

Deactivating SabbathMode

▶ Call up the settings menu. (see 6.2 Operating logic)
▶ Tap the navigation arrow repeatedly until the corresponding function is displayed.

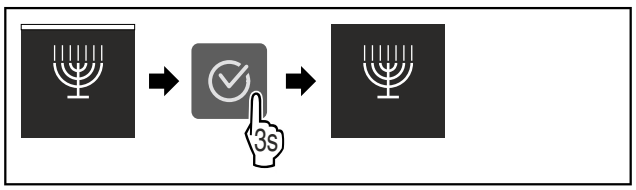


Fig. 14

▶ Complete the steps (see Fig. 1132) .
▷ SabbathMode is deactivated.

E-Saver

This function activates or deactivates the energy-saving mode. When you activate this function, the energy consumption decreases and the temperature increases by 2 °C in the appliance. The food remains fresh, but the shelf life is shortened.

Temperature zone	Recommended setting	Temperature when E-Saver activated
-18	-18 °C	-16 °C

Temperatures

Activating E-Saver

▶ Tap navigation arrow repeatedly until corresponding function is displayed.

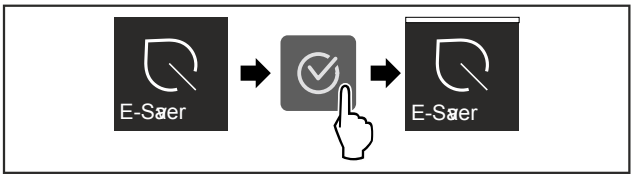


Fig. 15

▶ Complete the steps (see Fig. 1133) .
▷ Energy-saving mode is activated.

Deactivating E-Saver

▶ Tap navigation arrow repeatedly until corresponding function is displayed.

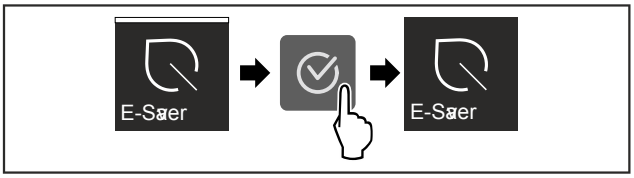


Fig. 16

▶ Complete the steps (see Fig. 1134) .
▷ Energy-saving mode is deactivated.

Display brightness

With this setting, you can choose a brightness level for the display.

You can set the following brightness levels:

- 40%
- 60%
- 80%
- 100%

Choosing the setting

▶ Set the level (see 6.2 Operating logic) .

Door alarm

Set the time before the door alarm (see Close the door) sounds.

Options are as follows:

- 1 min
- 2 min
- 3 min
- Off

Choosing the setting

▶ Set the level (see 6.4 Error messages) .

Entry lock

This setting avoids accidental operation of the appliance, e.g. by children.

Use:

- Avoid unintentional changing of settings and functions.
- Avoid unintentional switching off of the appliance.
- Avoid unintentional temperature adjustments.

Activating/deactivating settings

▶ Activating/deactivating (see 6.2 Operating logic) .



Info

This setting allows the appliance information to be read out as well as access to the customer menu.

It provides the following information:

- Model name
- Index
- Serial number
- Service number

View appliance data

▶ Press the navigation arrows *Fig. 5 (1)* repeatedly until the settings are displayed.
▶ Press Confirm *Fig. 5 (2)*.
▶ Press the navigation arrows *Fig. 5 (1)* repeatedly until the information display appears.
▶ Read the appliance data.

Reset

This function resets all settings to the factory settings. All settings that you have made thus far will be reset to their original values.

Activate the setting

▶ Activating (see 6.2 Operating logic) .

6.4 Error messages

Error messages appear in the display. There are two categories of error message:

Category	Meaning
Message	Reminder of general procedures. You can carry out these procedures to eliminate the message.
Warning	Appears when there are malfunctions. A signal sounds in addition to the display. The signal becomes louder until you acknowledge by tapping the display. You can eliminate simple defects yourself. For more serious defects, you must contact customer service.

6.4.1 Warnings

Close the door

This message appears if the door is open too long.

You can set the time before this message appears .

▶ Stop alarm: Confirm the message.

-or-

▶ Close the door.

Power failure.

This message appears if the freezer temperature rises after a power outage. When the power outage is over, the appliance will continue to operate at the last temperature setting.

▶ Stop alarm: Confirm the message.
▷ Temperature alarm appears (see Temperature alarm) .

Temperature alarm

This message appears if the temperature does not match the set temperature.

Temperature differences may be caused by:

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

When the cause is eliminated, the appliance will continue to operate at the last temperature setting.

▶ Confirm the display.
▷ Warmest temperature is displayed.
▶ Confirm the display again.
▷ The status display is displayed.
▷ Current temperature is displayed.

Error

This message appears when there is a fault with the appliance. An appliance component has an error.

▶ Open the door.
▶ Take note of the error code.
▶ Confirm the message.
▷ The signal tone stops.
▷ The status display appears.
▶ Close the door.
▶ Contact customer service. (see 9.4 Customer service)

6.4.2 DemoMode

If “D” appears in the display, demo mode is on. This feature is designed for retailers. The cooling features are disabled.

Switching off DemoMode

When you see a time counting down:

▶ Confirm within the countdown.
▷ DemoMode is off.

If there is no countdown:

▶ Disconnect the power plug.
▶ Reconnect the power plug.
▷ DemoMode is off.

7 Equipment

7.1 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 a variety of pull-out systems.

Note

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

▶ Leave the bottom drawer in appliance!
▶ Never obstruct the vents on the interior rear wall!

7.1.1 Top tilting drawer*

When you pull out the top drawer, it tilts forward. This gives you a better view into the drawer. The function depends on the height of the appliance.

Removing drawer

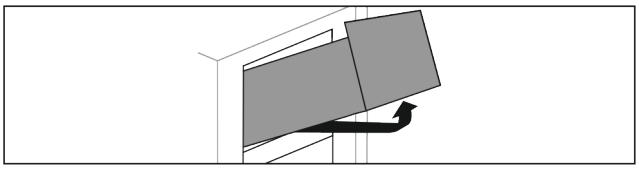


Fig. 17

▶ Pull out drawer as far as it will go.
▶ Lift drawer at the front.
▶ Lift drawer from below.
▶ Remove drawer to the front.

Inserting drawer

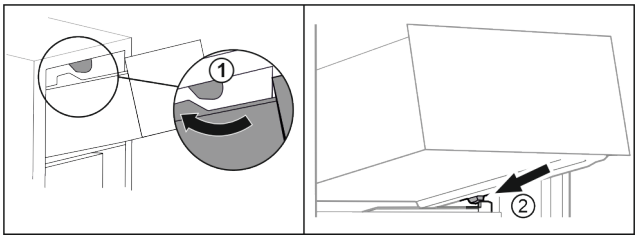


Fig. 18

▶ Guide drawer around the upper stoppers. *Fig. 18 (1)*
▶ Place drawer at an angle behind the lower stoppers on the molded rib. *Fig. 18 (2)*
▶ Lower drawer.
▶ Slide to the rear.

7.1.2 Drawer on molded rib

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

Removing drawer

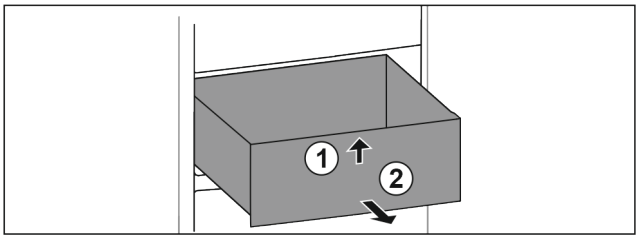


Fig. 19

▶ Pull out drawer as far as it will go.
▶ Lift drawer at the front. *Fig. 19 (1)*
▶ Remove drawer to the front. *Fig. 19 (2)*

Inserting drawer

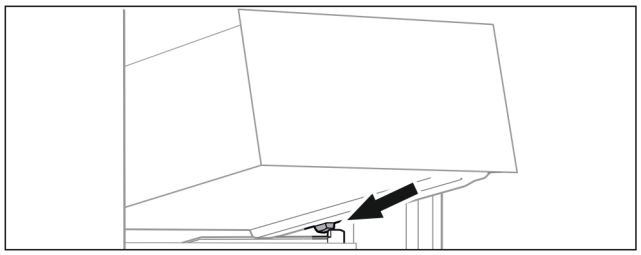


Fig. 20

▶ Place drawer at an angle behind the stoppers on the molded rib. (see Fig. 1138)
▶ Lower drawer.
▶ Slide in drawer to the back.

7.1.3 Bottom drawer

The drawer is the lowest drawer in the appliance. It runs directly on the molded rib. There are no rails.

Removing drawer

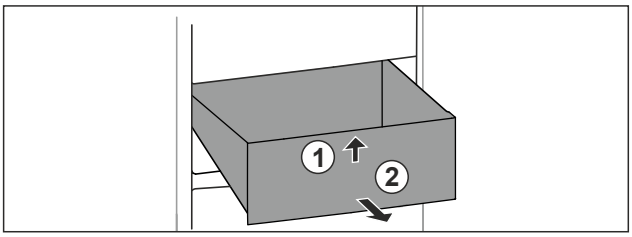


Fig. 21

▶ Pull out drawer as far as it will go.
▶ Lift up drawer at the front. *Fig. 21 (1)*
▶ Remove drawer to the front. *Fig. 21 (2)*

Inserting drawer

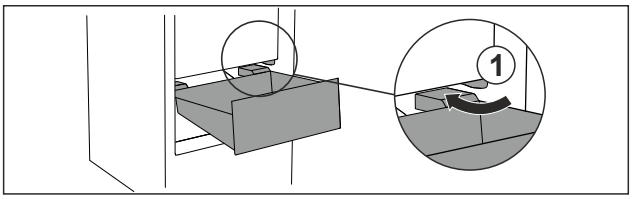


Fig. 22

▶ Guide drawer in at an angle around the stoppers *Fig. 22 (1)*.
▶ Lower the drawer.
▶ Slide in drawer to the back.

7.2 VarioSpace

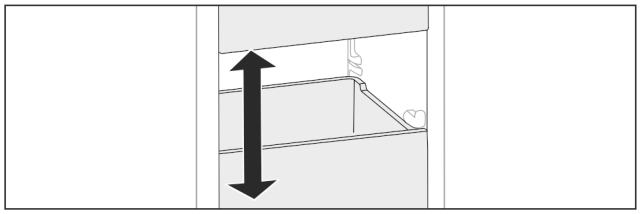


Fig. 23

You can remove drawers and glass panels from your appliance. This provides more room for large food items such as poultry, joints of meat, large game and bulky baked goods. You can then freeze these items whole for later preparation.

▶ Note the load limits on the drawers and glass panels (see 9.1 Technical specifications) .

8 Maintenance

8.1 Disassembling / assembling pull-out systems

8.1.1 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
Top tilting drawer*	cannot be disassembled*
Drawer on molded rib	can be disassembled (see 8.1.2 Drawer on molded rib)
Bottom drawer	cannot be disassembled

8.1.2 Drawer on molded rib

Disassembling pull-out system

Make sure that the following requirements are fulfilled:

❑ Drawer has been removed. (see 7.1.2 Drawer on molded rib)

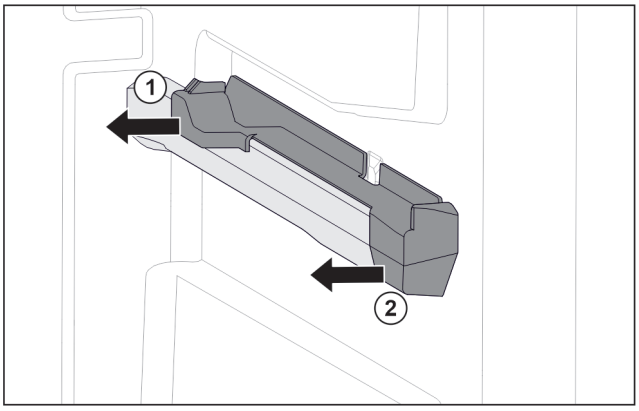


Fig. 24 Attachment on the right molded rib

▶ Grab attachment at the back from below.
▶ Pull off attachment at the back sideways. *Fig. 24 (1)*
▶ Pull off attachment at the front sideways. *Fig. 24 (2)*

Installing pull-out system

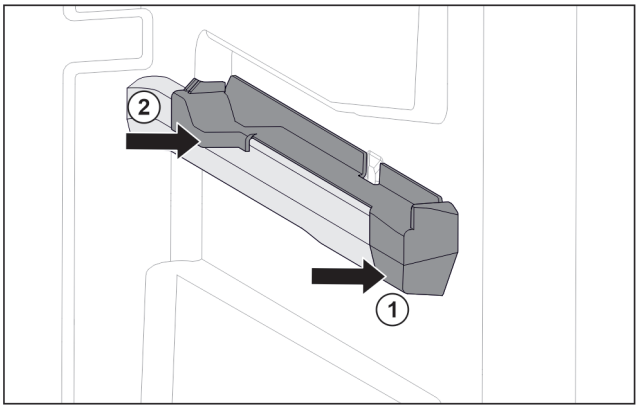


Fig. 25 Attachment on the right molded rib

▶ Position attachment on molded rib at the front. *Fig. 25 (1)*
▶ Press on attachment at the back. *Fig. 25 (2)*

8.2 Defrosting the appliance

8.2.1 Defrosting with NoFrost

Defrosting is performed automatically by the NoFrost system. The moisture condenses on the evaporator and is periodically defrosted and evaporated.

The appliance does not have to be defrosted.

Note
Water droplets may collect on the bottom of the appliance.
When you decommission the appliance:
▶ Place a towel in front of the appliance to catch any water that may run out. (see 10 Decommissioning)

8.3 Cleaning the appliance

8.3.1 Preparation

WARNING
Danger of electric shock.
▶ Unplug refrigerator or disconnect power.

WARNING
Danger of fire
▶ Do not damage the refrigerant circuit.

▶ Empty appliance.
▶ Pull out the power plug.

8.3.2 Cleaning the housing

NOTICE
Improper cleaning!
Damage to the appliance.
▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
▶ 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.

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.

▶ Wipe the housing down with soft, clean cloth. If very dirty, use lukewarm water with a neutral cleaner. Glass surfaces can also be cleaned with glass cleaner.

8.3.3 Cleaning the interior

NOTICE
Improper cleaning!
Damage to the appliance.
▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
▶ 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.

▶ 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.

8.3.4 Cleaning the equipment

NOTICE
Improper cleaning!
Damage to the appliance.
▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
▶ 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.

Clean with a soft, clean cloth, lukewarm water and a little washing up liquid:

- Drawer
▶ Disassemble the equipment: see the relevant section.
▶ Clean the equipment.

8.3.5 After cleaning

▶ Wipe dry the appliance and items of equipment
▶ Connect and switch on the appliance.
▶ Activate SuperFrost (see 6.3 Functions) .
When the temperature is sufficiently cold
▶ Place the food inside.
▶ Repeat cleaning regularly.

9 Customer support

9.1 Technical specifications

Temperature zone	
Freezing	-28 °C to -15 °C

Maximum freezing capacity / 24 hrs	
Freezer	See nameplate, “Freezing capacity ... /24h”

Max. equipment capacity			
Equipment	Appliance width 550 mm (see installation instructions, appliance dimensions)	Appliance width 600 mm (see installation instructions, appliance dimensions)	Appliance width 700 mm (see installation instructions, appliance dimensions)
Drawer on molded rib (see 7.1.2 Drawer on molded rib)	14 kg	19 kg	19 kg
Bottom drawer (see 7.1.3 Bottom drawer)	--	11 kg	19 kg
Top tilting drawer* (see 7.1.1 Top tilting drawer*) *	--*	19 kg*	19 kg*

* Depending on model and options

9.2 Operating noises

The appliance makes noises while in operation.

- At **less cooling output** the appliance saves energy but takes longer to cool items. The volume is **lower**.
- At **a higher cooling output** the food cools more quickly. The volume is **higher**.

  Examples:
  - Activated functions (see 6.3 Functions)
  - Running fan
  - Freshly sorted food
  - High ambient temperature
  - Door opened for long periods

Noise	Possible cause	Type of noise
Bubbling and splashing	Coolant is flowing into the cooling circuit.	Normal noise
Spitting and hissing	Coolant is spraying into the cooling circuit.	Normal noise
Humming	The appliance cools. The volume depends on the cooling output.	Normal noise
Whirring and murmuring	The fan is running.	Normal operating noise
Clicking	Components are being switched on and off.	Normal switching noise

Noise	Possible cause	Type of noise
Rattling or humming	Valves are active.	Normal switching noise

Noise	Possible cause	Type of noise	How to resolve
Vibration	Unsuitable setup	Error noise	Adjust the feet to make sure the appliance is horizontal.
Clattering	Equipment, Objects inside the appliance	Error noise	Secure equipment parts. Leave a gap between items.

9.3 Technical faults

Your appliance is designed and manufactured for reliable operation and a long service life. If a malfunction nonetheless occurs during operation, please check whether the malfunction is due to an operating error. In this case, you will have to be charged for the costs incurred, even during the warranty period.

You may be able to rectify the following faults yourself.

9.3.1 Appliance function

Defect	Cause	Remedy
The appliance does not work.	→ 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 powerfuse in the wall socket is not OK.	▶ Check the fuse.
	→ Power failure.	▶ Keep the appliance closed. ▶ Protect your food: Lay freezer packs on top of the food or use another freezer if the power is off for a prolonged period. ▶ Do not re-freeze defrosted food.
	→ The appliance connector is not correctly inserted in the appliance.	▶ Check the appliance connector.
The temperature is not cold enough	→ This means that 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 1.4 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 Customer Service (see 9.4 Customer service) .
	→ Too much fresh food was placed inside without SuperFrost.	▶ Solution: (see SuperFrost)
	→ The temperature is incorrectly set	▶ Set to a colder temperature and check after 24 hours.

Defect	Cause	Remedy
	→ The appliance is too near to a heat source (stove, heater etc).	▶ Change location of appliance or the heat source.
The door seal is defective or should be replaced for other reasons.	→ The door seal is interchangeable. You can replace it without the use of any special tools.	▶ Contact Customer Service (see 9.4 Customer service) .
The appliance is iced up or condensation is building.	→ The door seal may have slipped out of its groove.	▶ Check the door seal is well placed in the groove.
The outside surfaces of the appliance are hot*.	→ The heat of the refrigerant circuit is used to prevent condensate from forming	▶ This is normal.

9.4 Customer service

First check if you can fix the error yourself (see 9 Customer support) . If this is not the case, please contact customer service.

Please refer to the enclosed “Liebherr Service” brochure for the address.

WARNING
Unprofessional repair!
Injuries.
- ▶ Repairs and work on the appliance and the power supply cable not described in the Manual (see 8 Maintenance) should only be carried out by a qualified service provider.
- ▶ A damaged power cable may only be replaced by the manufacturer, the manufacturer’s Customer Service or a similarly qualified person.
- ▶ For appliances with an IEC connector, the change can be made by the customer.

9.4.1 Contact Customer Service

Make sure to have the following appliance information to hand:

- ❑ Appliance name (model and index)
- ❑ Service no. (service)
- ❑ Serial no. (S no.)

▶ Showing appliance info on the display (see Info) .
-or-
▶ Referring to appliance info on the nameplate (see 9.5 Rating plate) .

▶ Take note of the appliance information.
▶ Inform Customer Service: Tell us the problem and the appliance details.
▷ This will help us give you fast and accurate support.
▶ Further instructions from customer service will follow.

9.5 Rating plate

The nameplate is located behind the drawers on the inside of the appliance.

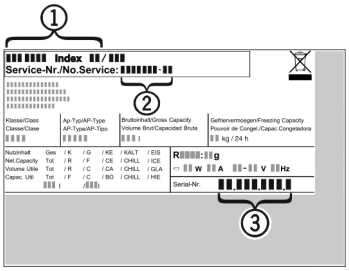


Fig. 26

(1) Appliance name
(2) Service no.
(3) Serial no.

▶ Information from the nameplate.

10 Decommissioning

- ▶ Empty appliance.
- ▶ Switch off the appliance .
- ▶ Pull out the power plug.
- ▶ Remove the appliance connector if necessary: Pull it out and, at the same time, move it from the left to the right.
- ▶ Place a towel in front of the appliance to catch any water that may run out.
- ▶ Clean the appliance (see 8.3 Cleaning the appliance) .
- ▶ Leave the door open to prevent bad smells

11 Disposal

11.1 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 the old appliances. 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.
- ▶ Appliance with batteries: Remove the batteries. For description, see **Maintenance** chapter.
- ▶ If possible: Remove lamps without destroying them.

11.2 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.





Dispose of batteries separately from the old appliance. You can do this by returning the batteries free of charge to retailers or taking them to recycling centers and collection centers for recyclable materials.

Lamps

Dispose of removed lamps via the respective collection systems.

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.



home.liebherr.com/fridge-manuals

EN Freezer

Issue date: 20230119

Part number index: 7088348-00

Liebherr-Hausgeräte Ochsenhausen GmbH
Memminger Straße 77-79
88416 Ochsenhausen
Deutschland