User Guide

Quality, Design and Innovation

home.liebherr.com/fridge-manuals

LIEBHERR

Contents

1 Appliance at a glance ... 3
1.1 Scope of delivery ... 3
1.2 Overview of the appliance and equipment ... 3
1.3 Appliance range of use ... 4
1.4 Conformity ... 4
1.5 EPREL database ... 4

2 General safety instructions ... 4

3 Putting into operation ... 5
3.1 Switching on appliance ... 5
3.2 Inserting the components ... 6

4 Foods management ... 6
4.1 Storing food ... 6
4.2 Storage times ... 7

5 Saving energy ... 7

6 Controls ... 7
6.1 Controls and displays ... 7
6.1.1 Status display ... 7
6.1.2 Navigation ... 7
6.1.3 Display symbols ... 7
6.2 Control concept ... 8
6.2.1 Activating/deactivating the function ... 8
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 Go to the Customer menu ... 8
6.3 Functions ... 9
Temperature ... 9
SuperFrost ... 9
PartyMode ... 9
EnergySaver ... 9
IceMaker / MaxIce* ... 9
6.4 Settings ... 10
Language ... 10
Connecting to the WLAN ... 10
Entry lock ... 10
Display brightness ... 10
Door alarm ... 11
Info ... 11
SabbathMode ... 11
TubeClean* ... 11
Ice cubes* ... 11
Reminder ... 11
Reset ... 11
Turn off appliance ... 11
6.5 Fault messages ... 12
6.5.1 Warnings ... 12
6.5.2 Message ... 12
6.5.3 DemoMode ... 12

7 Features ... 12
7.1 Drawers ... 12
7.2 Pull-out board with IceTower* ... 14
7.4 VarioSpace ... 15
7.5 Accessories ... 15

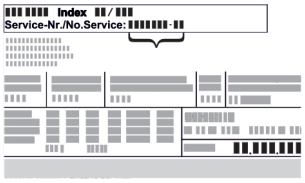
8 Maintenance ... 16
8.1 Defrosting the appliance ... 16
8.2 Cleaning the appliance ... 16

9 Customer help ... 17
9.1 Technical specifications ... 17
9.2 Operating noises ... 17
9.3 Technical fault ... 18
9.4 Customer Services ... 19
9.5 Model plate ... 19

10 Shutting down ... 19

11 Disposal ... 19
11.1 Preparing appliance for disposal ... 19
11.2 Disposing of the appliance in an environmentally friendly manner ... 20

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
	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 differences are possible. Sections that apply to certain models only are marked with an asterisk (*).

Symbol	Explanation
▷ ▶	**Instructions and results** Instructions are marked with a ▶. Results are marked with a ▷.
	Videos Videos about the appliances are available on the YouTube channels of Liebherr-Hausgeräte.

These operating instructions apply to:

IFN/e/d	35..39....
SIFN/e/d/e/i	39...41...45...51..

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

1 Appliance at a glance

1.1 Scope of delivery

Check all parts for damage during transport. If you have any complaints, please contact your retailer or Customer Services (see 9.4 Customer Services) .

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

1.2 Overview of the appliance and equipment

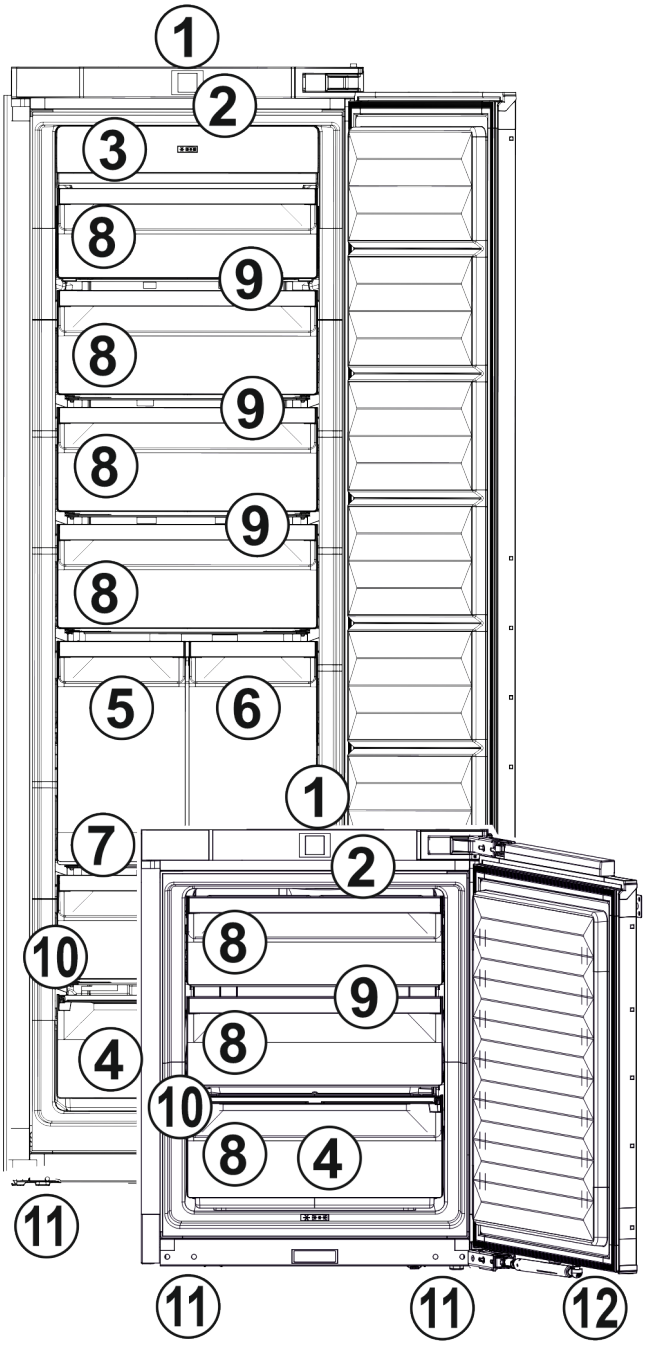


Fig. 1

(1) Operating and control elements
(2) LED interior light
(3) NoFrost
(4) Cold storage accumulator
(5) IceMaker*
(6) IceTower*
(7) Pull-out board*
(8) Drawers
(9) VarioSpace
(10) Type plate
(11) Adjustable feet
(12) Soft-closing

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.

1.3 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.

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
SN, N	to 32 °C
ST	to 38 °C
T	to 43 °C

1.4 Conformity

The refrigerant circuit has been tested for leaks. When installed, the appliance complies with the applicable safety regulations and with the directives 2014/35/EU, 2014/30/EU, 2009/125/EC, 2011/65/EU, 2010/30/EU and 2014/53/EU.

The full text of the EU Declaration of Conformity is available on the following website: www.Liebherr.com

1.5 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 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 it is installed.
- The manufacturer is not liable for damage caused by a faulty fixed water connection.*

Fire hazard:

- The coolant used (information on the model plate) is eco-friendly but also flammable. Any leaking coolant may ignite.

* Depending on model and options

- 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.
- 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 tipping if the door is open if the appliance has not yet been installed properly.

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 reach into the hinge when opening and closing the door. Fingers may get trapped.

Symbols on the appliance:

The symbol can be located on the compressor. It refers to the oil in the compressor and indicates the following danger: Swallowing or inhaling can be fatal. This is only relevant for recycling. There is no danger in normal operation.

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

A sticker to this effect may be applied to the rear of the appliance. It refers to the foam-padded panels in the door and/or the housing. This is only relevant for recycling. Do not remove the sticker.

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

⚠	DANGER	identifies a situation involving direct danger which, if not obviated, may result in death or severe bodily injury.
⚠	WARNING	identifies a dangerous situation which, if not obviated, may result in death or severe bodily injury.
⚠	CAUTION	identifies a dangerous situation which, if not obviated, may result in minor or medium bodily injury.
	NOTICE	identifies a dangerous situation which, if not obviated, may result in damage to property.
	Note	identifies useful instructions and tips.

3 Putting into operation

3.1 Switching on appliance

Ensure that the following conditions are met:

- ❑ Appliance is installed 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 marketing leaflets are removed from the drawers.

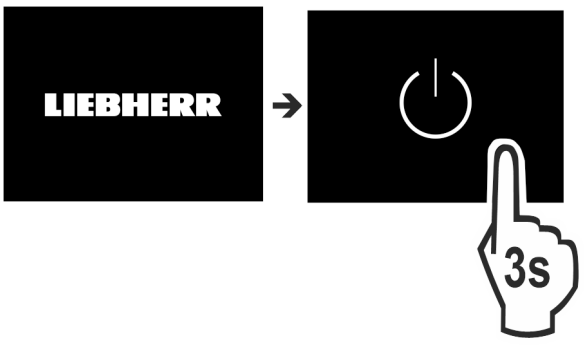


Fig. 2

▶ Switch on the appliance using the display.

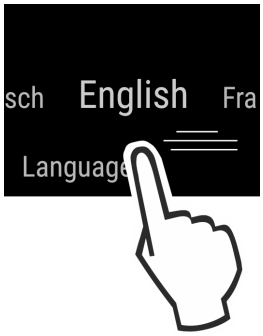


Fig. 3

▶ Select the language.
▷ The status display appears.

The appliance starts in DemoMode:

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

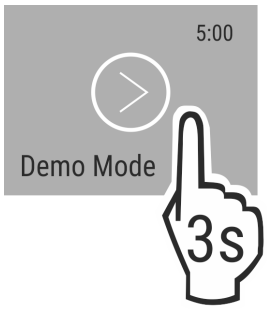


Fig. 4

▶ Press DemoMode for 3 seconds.
▷ DemoMode is deactivated.

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

3.2 Inserting the components

▶ Insert the supplied components to make the most of your appliance.
▶ Purchase and install the SmartDevice Box (see smartdevice.liebherr.com).*
▶ Install the SmartDevice app (see apps.home.liebherr.com).

Note
You can purchase accessories from the Liebherr household appliance store (home.liebherr.com).

4 Foods management

4.1 Storing food

WARNING
Risk of fire
▶ Do not use any 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.

When storing food, always observe the following:

❑ Air vents on the inside rear wall are unobstructed.
❑ Air vents on the fan are unobstructed.
❑ Food is in sealed packaging.
❑ Raw meat and fish are in clean, sealed containers to prevent them coming into contact with or dripping onto other foods.
❑ Foods are not stored too closely together, as the air needs to circulate.

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

4.1.1 Freezer compartment

This provides a dry, frosty storage climate at -18 °C. A frosty climate is great for storing frozen food and frozen goods for several months, making ice cubes and 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 Model plate) under "freezing capacity ... kg/24h".

So that the food is rapidly frozen through to the core, keep to the following quantities per pack:

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

Before freezing goods, please make sure of the following:

❑ SuperFrost is activated (see 6.3 Functions) when the amount of food to freeze exceeds approx. 2 kg.
❑ With a small amount to freeze: SuperFrost is on for about 6 hours beforehand.
❑ With a maximum amount to freeze: SuperFrost is on for about 24 hours beforehand.

Arrange your food as follows:

CAUTION
Risk of injury from glass fragments!
Drink bottles and cans may explode if frozen. This applies particularly to carbonated drinks.
▶ Only freeze drink bottles and cans when using the *bottle timer* function.

For appliances smaller than 122 cm:
With a small amount of frozen goods:
▶ Distribute packaged groceries across all drawers.
▶ If possible, place groceries at the back of the drawer near the rear wall.
With a maximum amount of frozen goods:
▶ Distribute packaged groceries across all drawers.
▶ If possible, place groceries at the back of the drawer near the rear wall.

For appliances larger than or exactly 122 cm:
With a small amount of frozen goods:
▶ Distribute packaged groceries across all drawers, but do not place any groceries in the top drawer.
With a maximum amount of frozen goods:
▶ Distribute packaged groceries across all drawers.
▶ If possible, place groceries at the back of the drawer near the rear wall.

For all appliances:
With a maximum amount of frozen goods:
▶ Once SuperFrost turns off automatically, place the food in the drawer compartment.

Defrost the food

- In the fridge
- In the microwave
- In the stove/oven
- At room temperature

* Depending on model and options

WARNING
Risk of food poisoning!
▶ Do not re-freeze thawed food.

▶ Only take out the food you need at the time.
▶ Cook defrosted food as soon as possible.

Freezer tray

Use the freezer tray for berries, herbs, vegetables and other small goods without them freezing together in the process. The food keeps its shape and is easier to separate into portions later on.

You can also store the freezer packs in the freezer tray to save space.

▶ Spread food, unsealed, at a good distance apart, over the whole surface of the freezer tray.

4.2 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

5 Saving energy

- Pay attention to good ventilation. Do not cover ventilation holes or grids.
- Always keep the fan air slits clear.
- Do not install the appliance in direct sunlight, next to an oven, radiator or similar.
- Energy consumption depends on the installation conditions, e.g. the ambient temperature (see 1.3 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.

6 Controls

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

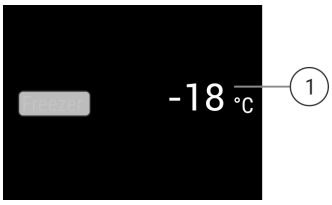


Fig. 5

(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 by swiping and confirming in the display:

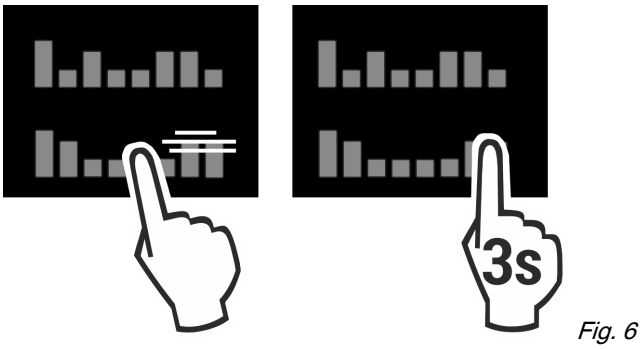


Fig. 6

Back:

- Confirm your selection in the submenu. The display returns to the menu.
- . The display returns to the function/setting.

Back to Status display:

- Close and open the door.
- Wait 10 seconds. The display switches to the Status display.

6.1.3 Display symbols

Display symbols provide information on the current appliance status:

Symbol	Appliance status
	Standby The appliance or temperature zone is switched off.
	Flashing number Appliance is working. Temperature flashes until the set temperature is reached.
	Flashing symbol Appliance is working. Setting is made.

6.2 Control concept

6.2.1 Activating/deactivating the function

You can activate/deactivate the following functions:

Symbol	Function
	SuperFrost[x]
	IceMaker and MaxIce[x]*
	PartyMode[x]
	EnergySaver

[x] When a function is on, the appliance works harder. This means the appliance could make louder noises and consume more energy.

▶ Swipe left in the display until the function appears.
▶ Confirm selected function with a short tap.
▷ 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

▶ Swipe left in the display until the function appears.
▶ Confirm selected function with a short tap.
▶ Select the setting value by swiping the display.

Setting the temperature

▶ Confirm with a short tap.
▷ You hear the confirmation tone.
▷ The display changes to blue when it is activated.
▷ 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]
	Reminders[1]
	Reset[2]
	Off [2]

▶ Swipe left in the display until Settings appears.
▶ Tap to confirm settings.
▶ Swipe until you see the setting you want.

[1] **Activate setting (shortpress)**

▶ Tap briefly to confirm.
▷ You hear the confirmation tone.
▷ Status appears in the menu.
▷ Setting is on / off.

[2] **Activate setting (longpress)**

▶ Press the selection for 3 seconds to confirm.
▷ 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
	Language

▶ Swipe left in the display until Settings appears.
▶ Tap to confirm settings.
▶ Swipe until you see the setting you want.
▶ Tap briefly to confirm.
▶ Select the desired setting value by swiping the display.
▶ Tap briefly to confirm.
▷ You hear the confirmation tone.
▷ Status appears briefly in the submenu.
▷ Display switches back to the menu.

6.2.5 Go to the Customer menu

You can see the following settings in the Customer menu:

Symbol	Function
	TubeClean[2]*
	Ice cubes[1]*
	Software

▶ Swipe left in the display until the settings appear.
▶ Tap settings.
▷ The submenu appears.
▶ Swipe left in the display until the appliance information appears.
▶ Press for 3 seconds.
▷ The input menu for a numerical code appears.
▶ Enter the numerical code 151.
▷ The customer menu appears.
▶ Swipe left in the display until the desired setting appears.

[1] **Select the value**

▶ Confirm with a short tap.
▷ You hear the confirmation tone.
▷ Status appears briefly in the display.
▷ Display switches back to the menu.

[2] **Activate the setting**

▶ To confirm, press the display for 3 seconds.
▷ You hear the confirmation tone.
▷ Status appears on the display.
▷ The symbol flashes as long as the appliance is working.

6.3 Functions

Temperature

The temperature depends on the following factors:
- The amount of times the door is opened
- How long the door is open for
- The room temperature of the installation site
- The type, temperature and amount of food

Freezer compartment	Recommended setting
-18	-18 °C

Setting the temperature

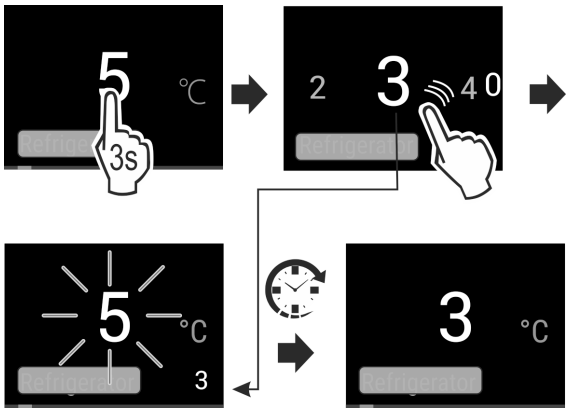


Fig. 7

▶ Set the value. (see 6.2 Control concept) .
▷ Set temperature is shown at the bottom right of the display.

SuperFrost

This function selects the lowest freezing temperature. This gives you colder storage temperatures.

Use:
- For storing more than 2 kg fresh food every day.
- Freezing fresh food quickly to the core.
- Increasing the cold reserves in the stored goods before defrosting the appliance.

Activating/deactivating the function

With a small amount to freeze:
▶ Activate 6 hours before use.
With a maximum amount to freeze:
▶ Activate 24 hours before use.
▶ Activating/deactivating (see 6.2 Control concept) .
-or-
▶ Activating/deactivating in the Liebherr SmartDevice app.*

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 on:
- *SuperFrost*
- *IceMaker* and *MaxIce**

All the functions can be adjusted flexibly and separately. Changes are discarded when the function turns off.

Activating/deactivating the function

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

After 24 hours the function turns off automatically.

EnergySaver

This function reduces energy consumption. If you activate this function, the cooling temperature increases.

Temperature zone	Recommended setting	Temperature when EnergySaver activated
-18	-18 °C	-16 °C

Use:
- Save energy.

Activating/deactivating the function

▶ Activating/deactivating (see 6.2 Control concept) .
▷ Activated: Higher temperatures are set in all temperature zones.
▷ Deactivated: Previously set temperatures are restored.

IceMaker / MaxIce*

This function creates ice cubes.*

Use:*
- If this function is activated, you can decide between the normal IceMaker function and MaxIce.
- The MaxIce function enables your appliance to make approx. 1.5 kg of ice cubes per 24 h within a short time.

The ice cube size can be set with the **ice cube size** function. (see Ice cubes*) *

The lines can be cleaned with the **TubeClean** function. (see TubeClean*) *

Activating the function*

Ensure that the following conditions are met:
❑ The water supply is established at the fixed water connection. See installation instructions.*
❑ IceMaker is put into operation.

▶ Activate the function. (see 6.2 Control concept)
-or-
▶ Activate the function via the Liebherr SmartDevice-App.

▷ It can take up to 24 hours for the first ice cubes to be made.

Deactivating the function*

▶ Deactivate the function. (see 6.2 Control concept)
-or-
▶ Deactivate the function via the Liebherr SmartDevice-App.*

▷ If ice cubes are currently being made, the system completes the process. After that, the IceMaker switches off.

6.4 Settings

Language

This setting lets you choose the language of the display.

Choose from the following languages:

- German
- English
- French
- Spanish
- Italian
- Dutch
- Czech
- Polish
- Portuguese
- Russian
- Chinese

Activating/deactivating settings

▶ Activating/deactivating (see 6.2 Control concept) .

Connecting to the WLAN

This setting connects the appliance to the internet. The connection is managed in the SmartDevice-Box. You can use the SmartDevice-App to add your appliance to a SmartHome-System. Use the SmartDevice-App or other compatible partner networks to enjoy advanced options and settings.

Note

The SmartDevice-Box is available from the Liebherr Domestic Appliances Shop (https://home.liebherr.com/shop/de/deu/smartdevicebox.html).

You can find more information about the availability, prerequisites and the individual options on the Internet under https://smartdevice.liebherr.com/install.

Use:

- Manage the appliance with the SmartDevice-App or a compatible partner network.
- Enjoy advanced functions and settings.
- Check the current status of the appliance in the SmartDevice-App.

❑ The SmartDevice Box is purchased and installed (see https://smartdevice.liebherr.com/install).*
❑ The SmartDevice app is installed (see https://apps.home.liebherr.com/).

Setting up the connection

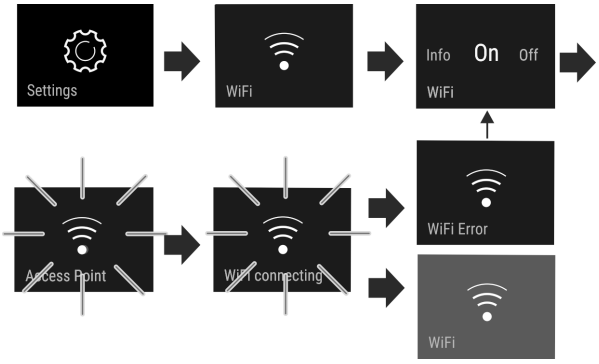


Fig. 8

▶ Activating the setting (see 6.2 Control concept) .
▷ The connection is set up: Connecting appears. The symbol flashes.
▷ The connection is set up: WiFi appears, the display turns blue.
▷ The connection failed: WiFi Error appears.

Disconnecting the appliance

▶ Deactivate the setting (see 6.2 Control concept) .

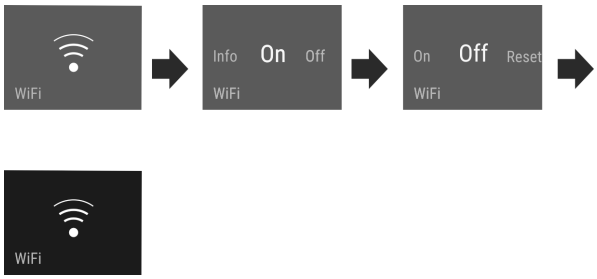


Fig. 9

▷ There is no connection: The symbol is displayed constantly.

Restoring the connection

▶ Restore settings (see 6.2 Control concept) .

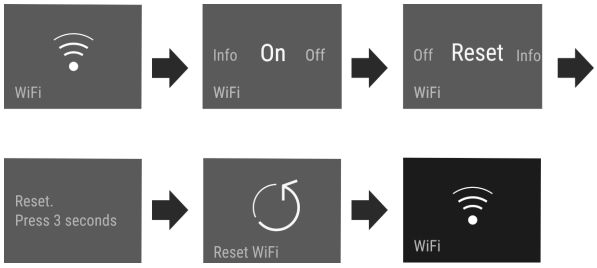


Fig. 10

▷ Connection and other settings are restored to factory settings.

Entry lock

This setting prevents unintentional use of the appliance, e.g. by children.

Use:

- Avoid settings being changed unintentionally.
- Avoid the appliance being switched off unintentionally.
- Avoid the temperature being changed unintentionally.

Activating/deactivating settings

▶ Activating/deactivating. (see 6.2 Control concept)

Display brightness

Set the brightness level of the display.

You can set the following brightness levels:

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

Choose the setting

▶ Set the level (see 6.2 Control concept) .

* Depending on model and options

Door alarm

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

The options are as follows:

- 1 min
- 2 min
- 3 min
- Off

Choose the setting

▶ Set the time (see 6.5 Fault messages) .

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

Show appliance data

▶ Swipe in the display until Settings appears.
▶ Confirm the display.
▶ Swipe in the display until About appears.
▶ Read the appliance info.

SabbathMode

This setting meets the religious requirements on the Sabbath and Jewish festivals. Turn on SabbathMode to switch off certain controls. This means you can use the appliance without anyone changing the settings.

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

WARNING
Danger of food poisoning.
If there is a power cut while the appliance is in SabbathMode, this message is not saved. Once power is restored, the appliance continues in SabbathMode. When this mode is over no message about the power cut is displayed on the temperature display.
If there was a power cut during SabbathMode:
▶ Check the food for quality. Do not eat the food if it has thawed.

What happens on the appliance when in SabbathMode:

- The Status display permanently shows SabbathMode.
- The display is locked for all functions apart from turning off SabbathMode.
- Any functions/settings that are already on, remain active.
- The display stays bright when the door is closed.
- Reminders are disabled. The set time intervals are also paused. This function is disabled in SabbathMode.
- Reminders and warnings are not displayed. There are no acoustic signals, and the display does not show warnings or settings such as temperature alarm or door alarm.
- The IceMaker is out of use.*
- The internal light is off.
- The defrost cycle only works for the specified time without taking account of fridge use.
- After a power cut the appliance automatically returns to SabbathMode.

Activating/deactivating SabbathMode

▶ To activate this function, swipe the display until you see Settings in the menu and press for 1 second. The menu changes to show the available settings.
▶ Swipe the display until you see the SabbathMode (Menora) symbol. Press the symbol for 3 seconds.
▷ The display changes colour.
▷ SabbathMode is activated.

To deactivate the function, press the display for 3 seconds.

SabbathMode is deactivated.

TubeClean*

This setting cleans the IceMaker pipes.*

Ensure that the following conditions are met:*

❑ IceMaker cleaning is ready (see 8.2.4 Cleaning the IceMaker*) .

Activating the setting*

▶ Activate the setting in the Customer menu (see 6.2 Control concept) .
▷ The rinse process is ready (max. 60 min.): Symbol flashes.
▷ Water pipes are rinsed: Symbol flashes.
▷ Rinsing process is complete: Function turns off automatically.

Ice cubes*

Set the ice cube size.*

Choose the setting*

▶ Set the size in the Customer menu (see 6.2 Control concept) .

Reminder

Reminders are given out acoustically by a beep and visually by a symbol in the display. The signal gets louder until the alert stops.

Activating the setting

▶ Activating/deactivating (see 6.2 Control concept) .

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.

Activating the setting

▶ Activate (see 6.2 Control concept) .

Turn off appliance

This setting turns off the whole appliance.

Switching off the entire appliance

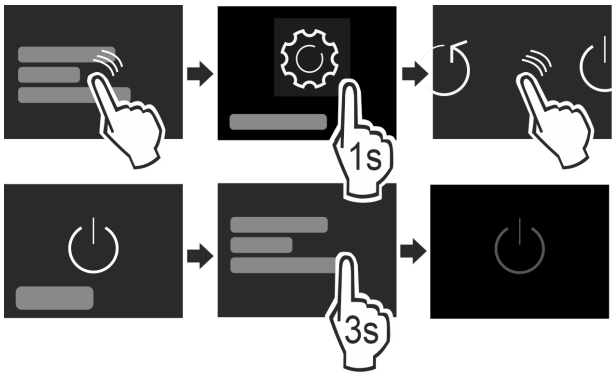


Fig. 11

▶ Turning off the IceMaker .*
▶ Activating/deactivating (see 6.2 Control concept) .
▷ Off: Display goes black.

6.5 Fault messages

Fault messages appear in the display. There are two categories of fault 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.

6.5.1 Warnings

Close the door

This message appears if the door is open for too long.

You can set how long it takes for this message to appear .
▶ Stop alarm: Confirm the message.
-or-
▶ Close the door.

Power cut

This message appears if the freezer temperature increased due to a power cut. After the power is restored, the appliance continues to work at the set temperature.
▶ Stop alarm: Confirm the message.
▷ Temperature alert appears (see Temperature alarm) .

Temperature alarm

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

Variations in temperature could be because:

- Hot, fresh food was inserted.
- Too much warm room air flowed in when rearranging and removing food.
- The power was cut off for a while.
- The appliance is faulty.

When the fault is eliminated the appliance continues to work at the set temperature.
▶ Confirm the display.
▷ The highest temperature is shown.
▶ Confirm display again.
▷ The status display is displayed.
▷ The current temperature is shown.

Error

This message appears if there is a fault with the appliance. An appliance component indicates a fault.
▶ Open the door.
▶ Note down the fault code.
▶ Confirm the message.
▷ The signal tone stops.
▷ The status display appears.
▶ Close the door.
▶ Contact customer service. (see 9.4 Customer Services)

6.5.2 Message

Insert IceMaker drawer*

This message appears if the IceMaker drawer is open.
▶ Push in the IceMaker drawer.
▷ The message disappears.
▷ The IceMaker produces ice cubes.

6.5.3 DemoMode

If “D” appears on the display, demo mode is on. This option is designed for retailers, as it turns off all the cooling functions.

Stopping DemoMode

If you see the following running in the display:
▶ Confirm the display within the countdown.
▷ DemoMode is off.
If the timer is not running:
▶ Unplug the appliance.
▶ Plug the appliance in again.
▷ DemoMode is off.

7 Features

7.1 Drawers

Drawers can be removed for cleaning.

The shelves below can be used for storage until the drawers are replaced.

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

Note
The energy consumption increases and the cooling power goes down if ventilation is not sufficient.
▶ Leave the bottom drawer in the appliance!
▶ Always leave the fan air vents clear on the back wall!

7.1.1 Removing the drawer

Drawer without a pull-out system

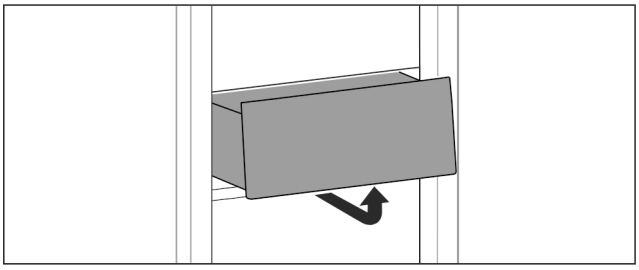


Fig. 12

▶ Remove the drawer as shown in the illustration.

Drawer on telescopic rails

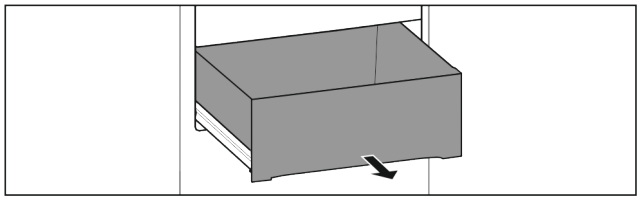


Fig. 13

Ensure that the following conditions are met:

❑ Drawer is completely pulled out (see Fig. 1049) .

Drawer runs on glass shelf

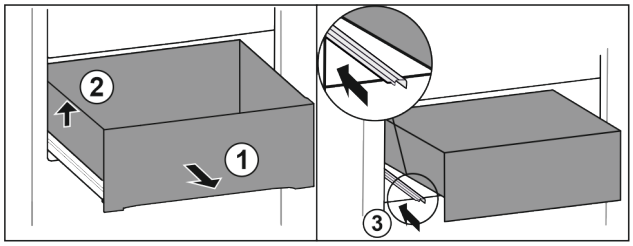


Fig. 14

▶ Pull drawer out completely *Fig. 14 (1)*.
▶ Lift drawer on the left *Fig. 14 (2)*.
▶ Insert left rail *Fig. 14 (3)*.

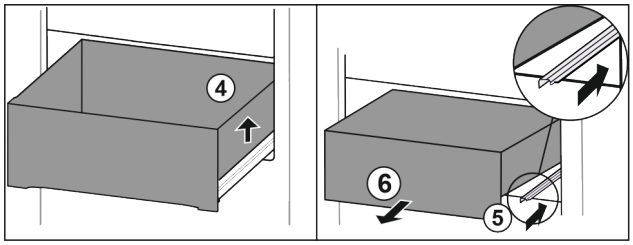


Fig. 15

▶ Lift drawer on the right *Fig. 15 (4)*.
▶ Insert right rail *Fig. 15 (5)*.
▶ Take out the drawer to the front *Fig. 15 (6)*.

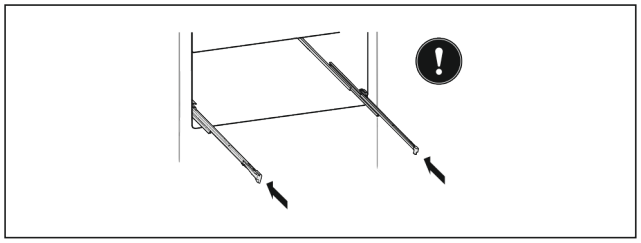


Fig. 16

If the rails are not yet fully inserted after removing the drawer:

▶ Push the rails in completely.

Drawer runs on moulded ribs

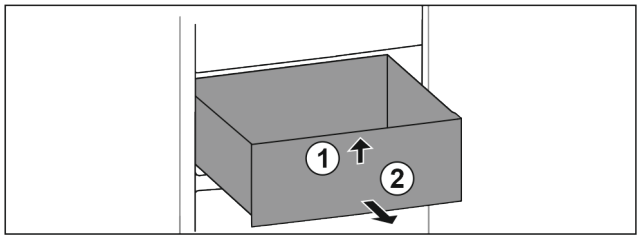


Fig. 17

▶ Pull drawer out completely.
▶ Lift at the front *Fig. 17 (1)*.
▶ Take out to the front *Fig. 17 (2)*.

Tilting top drawer

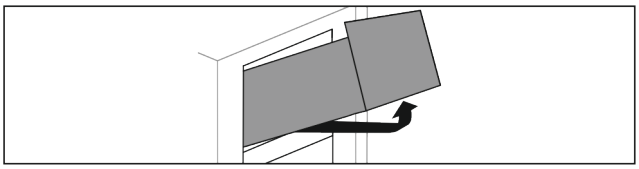


Fig. 18

▶ Pull out the drawer.
▶ Lift up at the front and push up at the back from below.
▶ Take out to the front.

7.1.2 Inserting the drawer

Drawer without a pull-out system

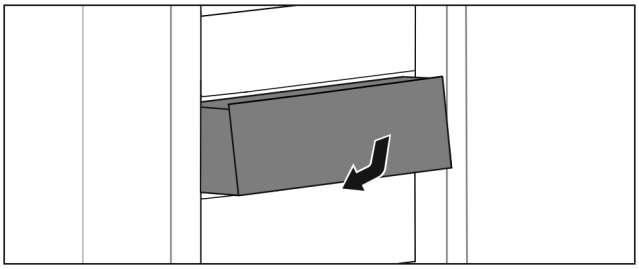


Fig. 19

▶ Insert the drawer as shown.

Drawer on telescopic rails

Drawer runs on glass shelf

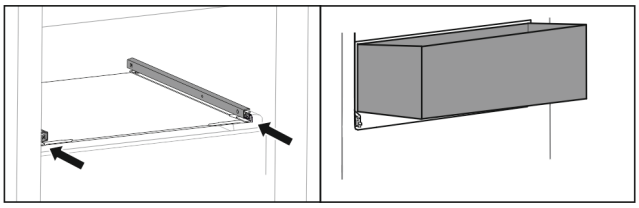


Fig. 20

▶ Slide the rails in.
▶ Place the drawer on the rails with the drawer at an angle.

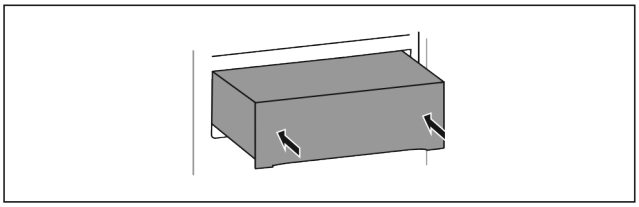


Fig. 21

▶ Lower.
▶ Push all the way back.

Drawer runs on moulded ribs

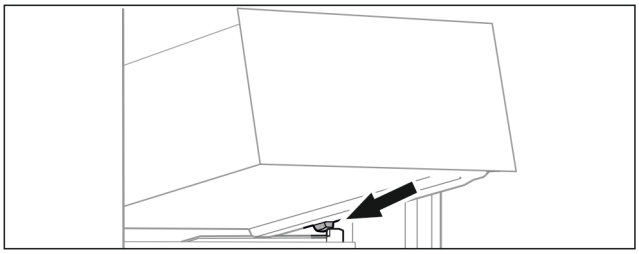


Fig. 22

▶ Place drawer on the moulded ribs behind the stoppers with the drawer tilted up at the front *Fig. 22 ()*.
▶ Lower the drawer.
▶ Slide to the back.

Tilting top drawer

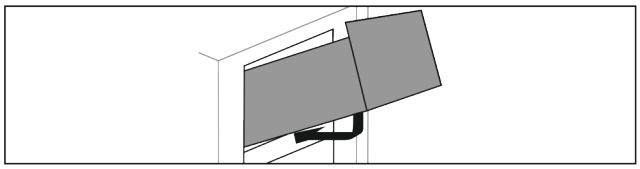


Fig. 23

▶ Place on the drawer as shown.
▷ The drawer rests on the glass panel.
▶ Lift up slightly from below at the back and slide over the lip.
▶ Slide to the rear.

7.2 Pull-out board with IceTower*

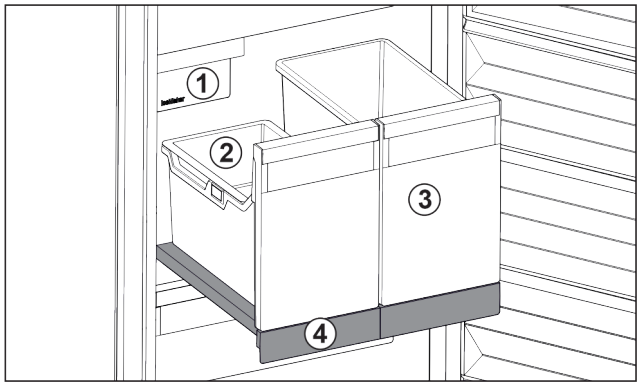


Fig. 24 Pull-out board with IceTower

(1) IceMaker
(2) Hang-on tray for ice cubes
(3) Container for pizza or alcoholic beverages, for example
(4) Pull-out board

There are two high (IceTower) containers on the pull-out board. Ice cubes from the IceMaker are collected and stored in the *Fig. 24 (2)* container. The container *Fig. 24 (3)* is suitable for storing tall foodstuffs or beverages such as pizzas or alcoholic drinks.

The pull-out board with IceTower is mounted on a glass shelf with pull-out rails. You can dismantle the pull-out board for cleaning.

7.2.1 Dismantling the pull-out board with IceTower

Removing the container

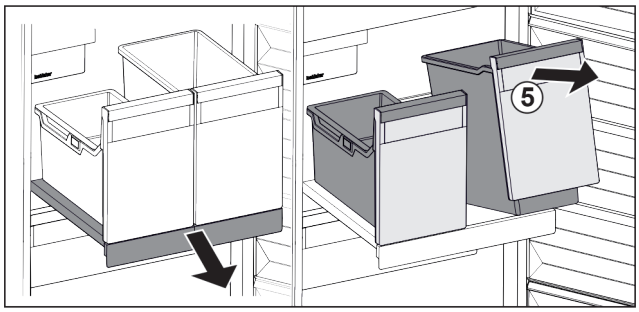


Fig. 25

▶ Pull out the pull-out board.
▶ Lift the container *Fig. 25 (5)* at the front.
▶ Remove the container.

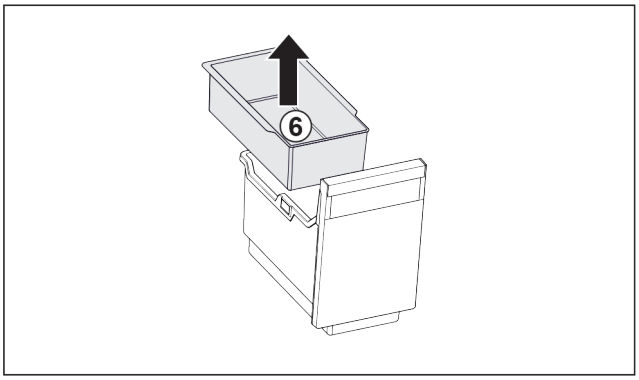


Fig. 26

▶ Remove the hang-on tray *Fig. 26 (6)*.
▶ If there are ice cubes in the hang-on tray: Empty the hang-on tray.
▷ The container and hang-on tray have been removed and you can clean them. (see 8.2.3 Clean the components)

Removing the pull-out board

Ensure that the following conditions are met:

❑ Containers have been removed. (see 7.2.1.1 Removing the container)

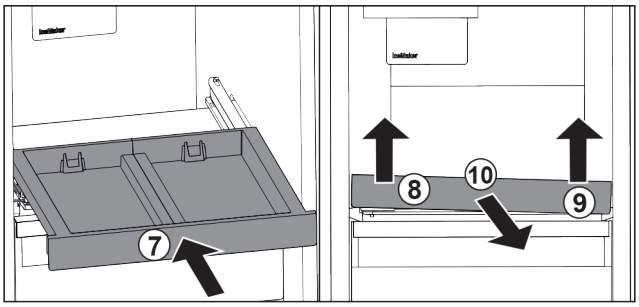


Fig. 27

▶ Slide in the pull-out board. *Fig. 27 (7)*
▶ Lift the pull-out board on the front left. *Fig. 27 (8)*
▶ Lift the pull-out board on the front right. *Fig. 27 (9)*
▷ Pull-out board is detached from the attachment at the front.
▶ Take out the pull-out board to the front. *Fig. 27 (10)*
▷ The pull-out board has been removed and you can clean it. (see 8.2.3 Clean the components)

7.2.2 Inserting the pull-out board with IceTower

Inserting the pull-out board

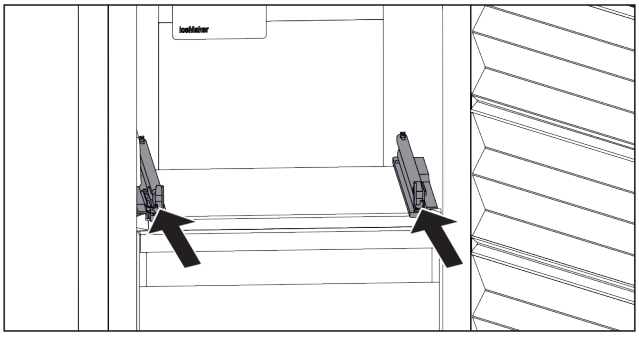


Fig. 28

▶ Slide the rails in.

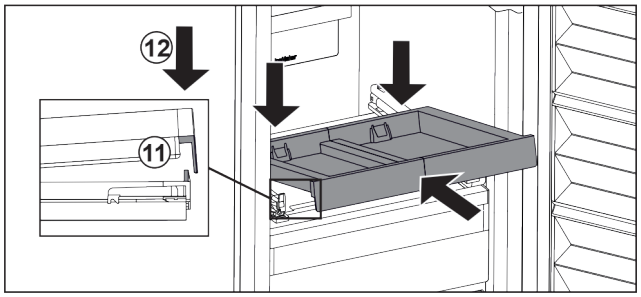


Fig. 29

▶ Place the pull-out board in at an angle behind the front lug.
▶ Slide in at an angle. Make sure that the stop is behind the lug on both sides. *Fig. 29 (11)*
▶ Lower the pull-out board at the front. *Fig. 29 (12)*

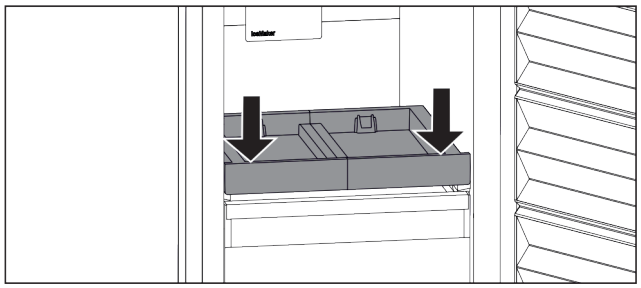


Fig. 30

▶ Push the pull-out board down at the front.
▷ Pull-out board clicks into place.

Inserting the container

Ensure that the following conditions are met:

❑ The pull-out board is inserted. (see 7.2.2.1 Inserting the pull-out board)

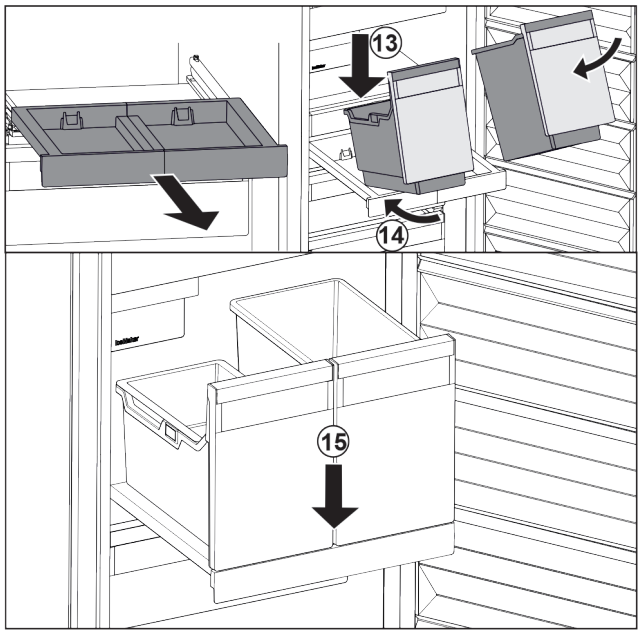


Fig. 31

▶ Pull out the pull-out board.
▶ Hold the pull-out board with one hand.

Note
The containers are shaped in a way that they cannot be interchanged.

▶ Place the container at an angle on the pull-out board. *Fig. 31 (13)*
▶ Slide the container to the back at an angle. *Fig. 31 (14)*
▶ Place container in the front. *Fig. 31 (15)*

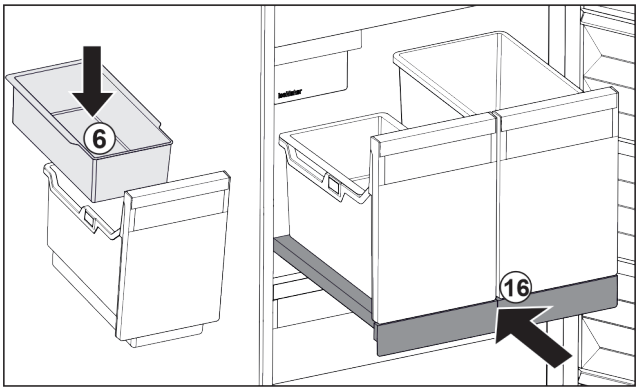


Fig. 32

▶ Insert hang-on tray *Fig. 32 (6)* for ice cubes.
▶ Slide in the pull-out board with (IceTower) container. *Fig. 32 (16)*
▷ Pull-out shelf with IceTower is fully inserted.

IceMaker

The IceMaker will produce ice cubes for household use only.

Ensure that the following conditions are met:*

- IceMaker is cleaned (see 8 Maintenance) .
- IceMaker drawer is fully inserted.

7.3.1 Producing ice cubes

The volume depends on the freezing temperature. The colder the temperature, the more ice cubes the system can produce in a certain time period.

After the IceMaker is turned on for the first time, it can take up to 24 hours for the first ice cubes to be made.

▶ Activate the IceMaker function (see 6.2 Control concept) .
▶ To make a high number of ice cubes: Activate the MaxIce function (see 6.2 Control concept) .
▶ Distribute the ice cubes evenly in the drawer to increase the capacity.
▶ Closing the drawer: IceMaker starts making ice cubes again automatically.

Note
When a certain level is reached in the IceMaker drawer, it stops producing ice cubes. The IceMaker does not fill the drawer all the way to the top.

7.4 VarioSpace

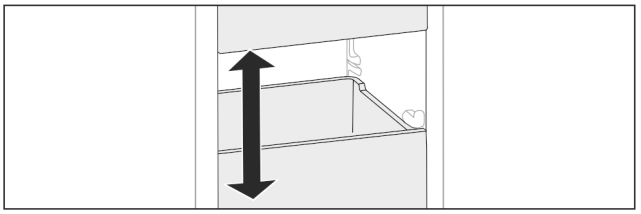


Fig. 33

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 tall baked products. You can then freeze these items whole for later preparation.

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

7.5 Accessories

7.5.1 Freezer pack

Freezer packs prevent the temperature rising too quickly should there be a power cut.

The freezer packs are in the drawer.

You can store the freezer packs in the freezer tray.

Using the freezer pack

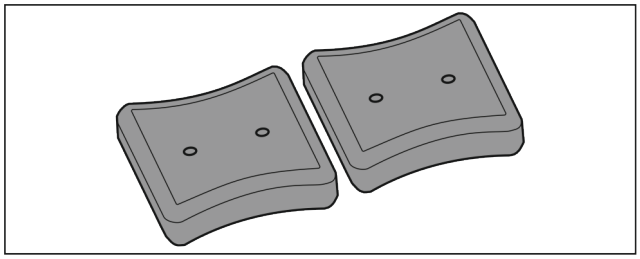


Fig. 34

When the freezer packs are fully frozen:

▶ Place on the frozen goods in the top, front part of the freezer.

7.5.2 Ice cube tray with cover*

Using the ice cube tray

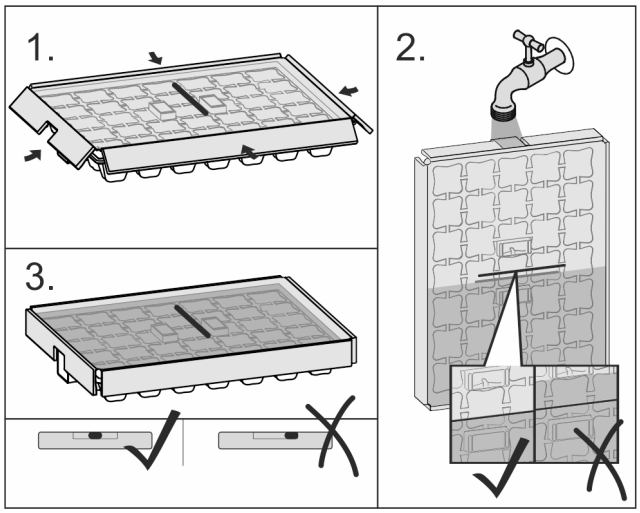


Fig. 35

When the water is frozen:

▶ Hold ice cube tray under hot water for a short time.
▶ Remove the lid.
▶ Gently turn the ends of the ice cube tray in opposite directions.
▶ Release the ice cubes.

Dismantling the ice cube tray

You can take the ice cube tray apart for cleaning.

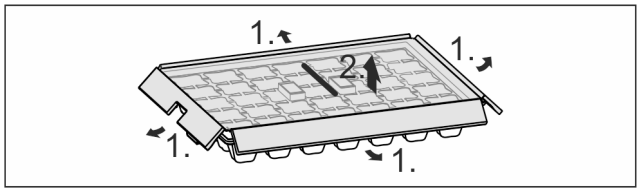


Fig. 36

▶ Disassembling the ice cube tray.

8 Maintenance

8.1 Defrosting the appliance

8.1.1 Defrosting with NoFrost

Defrosting is performed automatically with the NoFrost system. The moisture is deposited on the evaporator, is periodically defrosted and evaporates.

The appliance does not need to be defrosted.

8.2 Cleaning the appliance

8.2.1 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.

8.2.2 Cleaning the interior

NOTICE
Improper cleaning!
Damage to the appliance.
▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
▶ Do not uses 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.

8.2.3 Clean the components

NOTICE
Improper cleaning!
Damage to the appliance.
▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
▶ Do not uses 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:

- IceTower pull-out board*
- Drawer
  Please note: Do not remove the magnet on the drawer. The magnet ensures the functionality of the IceMaker.*
- Freezer tray

Clean with a damp cloth:

- Retractable rails
  Please note: The grease in the tracks is used for lubrication and must not be removed!

Wash in the dishwasher up to 60 °C:

- Ice cube tray*
- Ice cube scoop*

▶ To disassemble components: see the relevant section.
▶ Clean the components.

8.2.4 Cleaning the IceMaker*

There are various options for cleaning the IceMaker.

Cleaning is required in the following cases:

❑ Initial operation

❑ If out of use for more than 5 days.*

Ensure that the following conditions are met:

❑ IceMaker drawer is emptied.

❑ IceMaker drawer is in place.

❑ The IceMaker is activated. (see 6.2 Control concept)

First use or after a long period of non-use

Clean the IceMaker with the TubeClean function.

▶ Place a 1.5 l empty container (max. height 10 cm) into the drawer under the IceMaker.

▶ Activate the TubeClean function. (see 6.2 Control concept)

▷ The rinse process is prepared (max. 60 min.): Symbol flashes.

▷ Water pipes are rinsed: Symbol flashes.

▷ Rinsing process is complete: Function turns off automatically.

▶ Remove the IceMaker drawer and remove the container.

▶ Clean the IceMaker drawer with warm water and a little detergent.

▶ Push the IceMaker drawer in.

▷ The system starts making ice cubes automatically.

▶ Dispose of any ice cubes that were made 24 hours after the first ice cubes.

If cleaning is required

Clean the IceMaker by hand.

▶ Remove the IceMaker drawer and clean with warm water and a little detergent.

▶ Push the IceMaker drawer in.

▷ The system starts making ice cubes automatically.

8.2.5 After cleaning

▶ Wipe the appliance and the components dry.

▶ Connect and switch on the appliance.

▶ Activate SuperFrost (see 6.3 Functions) .
The temperature is cold enough:

▶ Place the food inside.

▶ Repeat cleaning regularly.

9 Customer help

9.1 Technical specifications

Temperature range	
Freeze	-28 °C to -15 °C

Maximum freezer quantity / 24 hrs	
Freezer compartment	See the type plate under “Freezer goods … /24 hours”

Maximum component capacity			
Features	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 glass shelf	12 kg	15 kg	--
Drawer on moulded rib	14 kg	19 kg	25 kg

Maximum component capacity			
Features	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 glass shelf	12 kg	15 kg	22 kg

Ice cube production with IceMaker*	
Ice cube production / 24 h	At a temperature of -18 °C: 0.8 kg of ice cubes
Maximum ice cube production / 24 hours	With the MaxIce function on: 1.2 kg of ice cubes

Lighting	
Class[1]	Light source
This product contains a light source that meets energy efficiency rating G	LED

1 The appliance may contain light sources with different energy efficiency classes. The lowest energy efficiency class is indicated.

For appliances with a WiFi connection:*

Frequency specification*	
Frequency band	2.4 GHz
Maximum radiated power	<100 mW
Purpose of the wireless equipment	Integration in the local WiFi network for data communication

9.2 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**.

  Examples:
  - Functions on (see 6.3 Functions)
  - Fan running
  - 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

Noise	Possible cause	Type of noise
Suction noises	Soft-closing door is being opened and closed.	Normal operating noise
Humming and rustling	The fan is running.	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.

Noise	Possible cause	Type of noise	Lifting
Rattling	Components, items inside the appliance	Defective noise	Secure components. Leave enough space between the items.

9.3 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.

9.3.1 Appliance function

Defect	Cause	Remedy
The appliance is not working.	→ 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. ▶ Protecting 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 plug does not fit the appliance properly.	▶ Check the appliance plug.
Temperature is not cold enough.	→ 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.	▶ Solution: (see 1.3 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 9.4 Customer Services) .
	→ 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.
The door seal is defective or needs to be replaced for another reason.	→ The door seal can be replaced. It can be replaced without the need for special tools.	▶ Contact Customer Services (see 9.4 Customer Services) .
The appliance builds up too much ice or condensation.	→ The door seal may have slipped out of its groove.	▶ Check that the door seal is well fitted in the groove.

9.3.2 Features

Defect	Cause	Remedy
You cannot activate the IceMaker.*	→ The appliance and therefore the IceMaker are not connected.	▶ Connect the appliance (see the Installation Guide).
The IceMaker is not producing ice cubes.*	→ The IceMaker is not on.	▶ Activate the IceMaker.
	→ The drawer of the IceMakers is not connected properly.	▶ Push the drawer in correctly.
	→ The water connection is not open.	▶ Open the water connection.*
The internal light does not come on.	→ The appliance is not switched on.	▶ Switch the appliance on.
	→ The door was open for longer than 15 minutes.	▶ Interior lighting turns off automatically after approx. 15 min. with the door open.
	→ The LED light is faulty or the cover is damaged:	**WARNING** Risk of injury due to electric shock! There are live electrical parts under the cover. ▶ Only ever have the inside LED light replaced or repaired by customer service or trained personnel.

9.4 Customer Services

First check if you can fix the error yourself (see 9 Customer help) . If you can't, contact Customer Services.

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

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 8 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.

9.4.1 Contact Customer Services

Make sure you have the following appliance data at the ready:

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

▶ Look up the appliance information on the display (see Info) .
-or-
▶ Referring to appliance info on the nameplate (see 9.5 Model plate) .

▶ Note down the appliance information.
▶ Notify Customer Services of the following: Give us the appliance data.
▷ This will help us to provide you with a faster, more accurate service.
▶ Follow any further instructions given by Customer Services.

9.5 Model plate

The model plate is behind the drawers on the inside of the appliance.

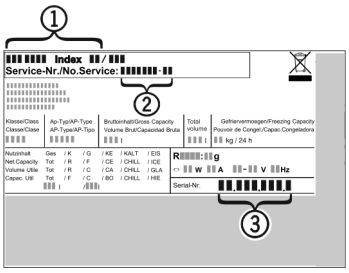


Fig. 37

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

▶ Note the data on the model plate.

10 Shutting down

- ▶ Empty the appliance.
- ▶ Turn off the IceMaker .*
- ▶ Turn off the appliance (see 6.4 Settings) .
- ▶ Remove mains connector.
- ▶ Remove appliance connector if required: Remove and move from left to right at the same time.
- ▶ Clean the appliance (see 8.2 Cleaning the appliance) .
- ▶ Leave the door open to avoid bad smells building up.

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 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.
- ▶ Appliances 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 disposed of separately from unsorted municipal waste.

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^2, 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.

▶ Transport the appliance without damaging it.
▶ Dispose of batteries, lamps and the appliance according to the above specifications.

home.liebherr.com/fridge-manuals

EN built-in fridges and freezers

Issue date: 20220630

Part number index: 7088270-00

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