User Guide

Quality, Design and Innovation

home.liebherr.com/fridge-manuals

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The manufacturer works constantly on the further development of all the types and models. Therefore please understand that we have to reserve the right to make design, equipment and technical modifications.

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

The instructions apply to several models. Differences may occur. Text relating only to specific appliances is marked with an asterisk (*).

Instructions are marked with a ▶, and results are marked with a ▷.

These operating instructions apply to:

R(sd) (d)	52..
SR(sdd)	52..

1 Appliance at a glance

- Natural coolant
- Energy-optimised cooling circulation
- Energy-efficient insulation
- Low energy consumption
- Intuitive digital controls
- Enabled functions are shown on the display
- Control the temperature within the climate range, regardless of the room temperature. Choose either °F or °C for the temperature display.
- Large net cooling capacity
- Shelves made from safety glass
- Bright LED interior lighting
- Signal alert when door is left open
- Transport handles on all large drawers
- Built-in door handles on the appliance housing
- Transport wheels on the rear

- Easy to clean
- Soft-closing
- This appliance has a SabbathMode function, to allow the appliance to be used on religious occasions. For more information, go to Star-K online at www.star-k.org.

1.2 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:

- Standalone appliance
- Features (depending on the model)
- Installation materials (depending on the model)
- “Quick Start Guide”
- “Installation Guide”
- Service Brochure

1.3 Overview of the appliance and equipment

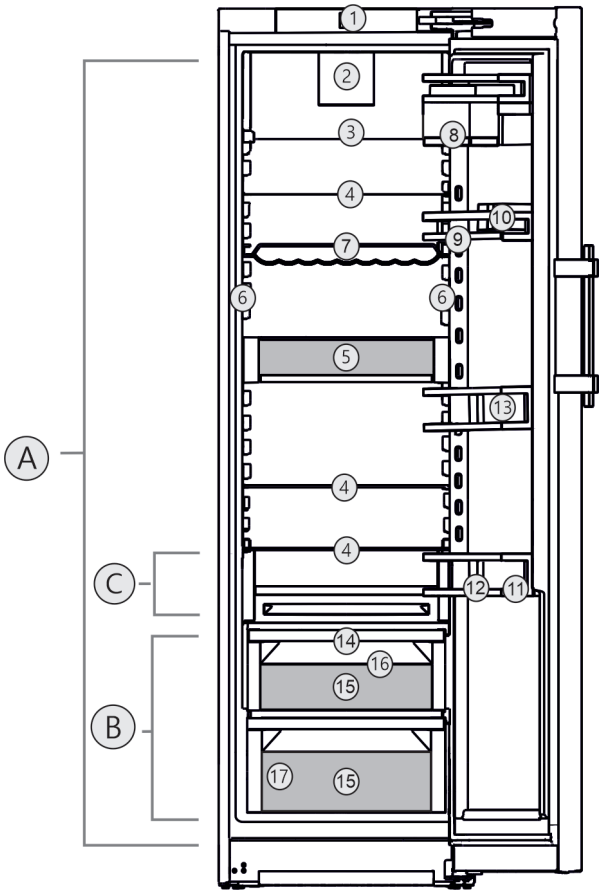


Fig. 1 Example illustration

Temperature range

(A) Fridge compartment
(B) EasyFresh
(C) Coldest zone

Equipment

(1) Control and display elements
(2) Fan with FreshAir activated charcoal filter
(3) Separable storage shelf
(4) Storage shelf
(5) VarioSafe
(6) LED Light column, both sides
(7) Bottle shelf
(8) VarioBox
(9) Can rack
(10) Butter dish
(11) Bottle rack
(12) Bottle holder
(13) Door shelf
(14) Lid for EasyFresh-Safe
(15) EasyFresh-Safe
(16) Outlet
(17) Serial tag

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.

1.4 Appliance range of use

Intended use

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

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

The appliance is not suitable for freezing food;

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

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
- Use on moving substrates, such as ships, rail travel or aeroplanes

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

Climate classifications

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

Note

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

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

Climate classification	for ambient temperatures of
T	16 °C to 43 °C

1.5 Conformity

The refrigerant circuit has been tested for leaks. This device 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

1.6 EPREL database

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

2 General safety instructions

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.
- 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 assemble, connect and dispose of the appliance according to the instructions.
- Please keep these instructions in a safe place and pass them on to any subsequent owners.

Fire hazard:

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

Danger of tipping and falling:

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

Danger of food poisoning:

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

Danger of frostbite, numbness and pain:

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

Danger of crushing:

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

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 observe the specific information in the other sections:

⚠	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	It contains useful instructions and tips.

3 Putting into operation

3.1 Switching on appliance

Ensure that the following conditions 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 marketing leaflets are removed from the drawers.

▶ Switch on the appliance from the display.

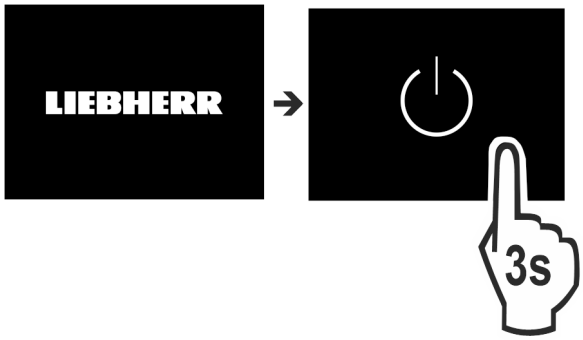


Fig. 2

▶ After switching on the appliance, select the language.

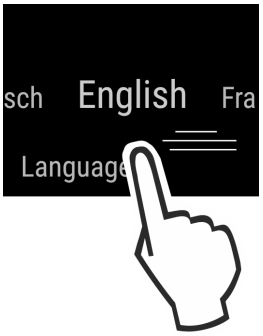


Fig. 3

▶ The status screen appears.
▶ If the DemoMode is displayed together with the blue screen after switching on the appliance, the DemoMode can be deactivated within the next 5 minutes.

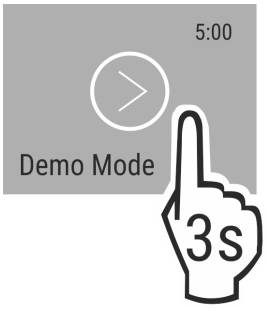


Fig. 4

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

Note
The manufacturer recommends:
▶ Storing food: wait approx. 6 hours for the set temperature to be reached.

3.2 Inserting the components

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

- ❑ Foods that easily absorb or give off smell or taste are stored in sealed containers or covered.
- ❑ Raw meat and fish are in clean, sealed containers to prevent them coming into contact with or dripping onto other foods.
- ❑ Liquids are in sealed containers.
- ❑ 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 Fridge section

The natural air circulation creates a range of temperatures.

Arrange your food as follows:
- ▶ In the top section and in the door: butter and cheese, preserves and tubes.
- ▶ In the coldest zone *Fig. 1 (C)*: Perishable foods such as ready-to-eat meals, meat and sausages
- ▶ On the bottom shelf: Raw meat and fish

4.1.2 EasyFresh-Safe

This compartment is great for non-packaged foods, such as fruit and vegetables.

The air moisture in the compartment depends on the moisture content of the items being stored and the number of times the door is opened. You can adjust the air moisture.

Arrange your food as follows:
- ▶ Store your loose fruit and vegetables.
- ▶ Excessive air moisture: Regulate the air humidity (see 7.7 Adjusting the moisture levels) .

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.

4.2.1 Fridge section

Always follow the best-before date stated on the packaging.

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 1.4 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.
- Sort your food: home.liebherr.com/food.
- Keep all food properly packed and covered. This prevents frost from forming.
- Only take food out for as long as necessary so that it doesn't warm up too much.
- Inserting warm food: allow to cool down to room temperature first.
- For longer periods of absence, use HolidayMode (see HolidayMode) .

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

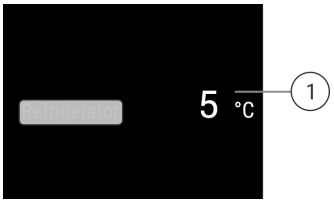


Fig. 5

(1) Temperature display of the fridge section

6.1.2 Navigation

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

The appliance is operated by swiping and confirming in the display:

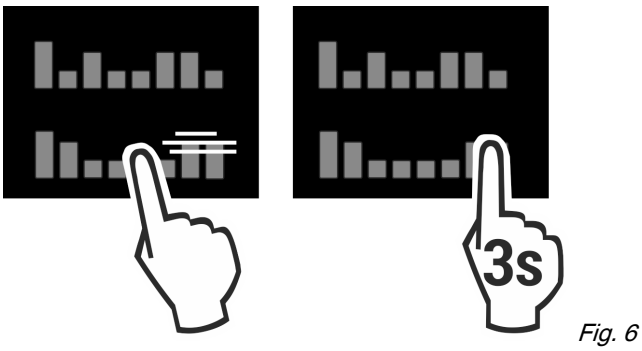


Fig. 6

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 s. 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.
	

Symbol	Appliance status
	**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
	SuperCool[x]
	PowerCool[x]
	HolidayMode
	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 Turn on/off the temperature zone

▶ 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 active.
▷ Display switches back to the menu.

Switching the temperature zone on/off

▶ To Confirm, press for 3 seconds.
▷ You hear the confirmation tone.
▷ Display returns to the Status screen.

6.2.3 Activating/deactivating settings

You can activate/deactivate the following settings:

Symbol	Setting
	WiFi[1]
	Entry lock[2]
	SabbathMode[2]
	Cleaning Mode[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
	Temp. unit
	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
D1	D-Value [1]
Software	Software

▶ Swipe left in the display until Settings appears.
▶ Confirm settings by tapping.
▶ Swipe until About appliance appears in the display.
▶ Confirm with a short tap.
▶ Go to the Customer menu: Enter the code 151.
▶ Swipe in the customer menu until you see the setting you want.

[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

Temperature zone	Recommended setting
Fridge section	5 °C

Setting the temperature

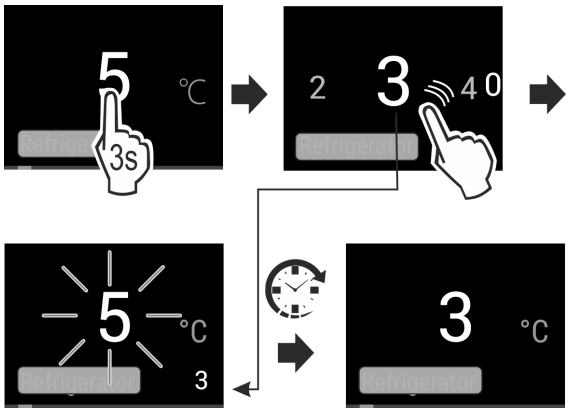


Fig. 7

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

SuperCool

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

This function is relevant to the fridge section *Fig. 1 (A)*

Use:
- Cool large amounts of food quickly.

Activating/deactivating the function
▶ Using the fridge section: activate the function when you add the goods.
▶ Activating/deactivating (see 6.2 Control concept) .

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

PowerCool

This function provides the perfect blanket temperature to cool your food.

This function refers to the fridge section *Fig. 1 (A)*.

Use:
- At higher room temperatures (from approx. 35 °C)
- When humidity is high e.g. on summer days
- When storing moist goods, to avoid condensation building up inside

Activating/deactivating the function
▶ Activating/deactivating (see 6.2 Control concept) .

Note
The fan can run even when function is deactivated. This ensures optimal temperature distribution in the appliance.

▷ Function activated: Energy consumption of the appliance is slightly increased.

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

The following functions are on:
- *SuperCool*

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

6.3.4 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.

HolidayMode

This function minimises the energy consumption during an extended absence. The temperature of the refrigerator compartment is set to 15 °C and this is displayed on the status screen when the temperature has been reached.

Use:
- Save energy if you plan to be away for a while.
- Avoid coming home to bad smells and mould.

Activating/deactivating the function
▶ Empty everything from the fridge section.
▶ Activating/deactivating (see 6.2 Control concept) .
▷ On: Fridge temperature is raised.
▷ Off: the previously set temperature is restored.

EnergySaver

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

Temperature zone	Recommended setting	Temperature when EnergySaver activated
5 °C Fridge compartment	5 °C	7 °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.

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

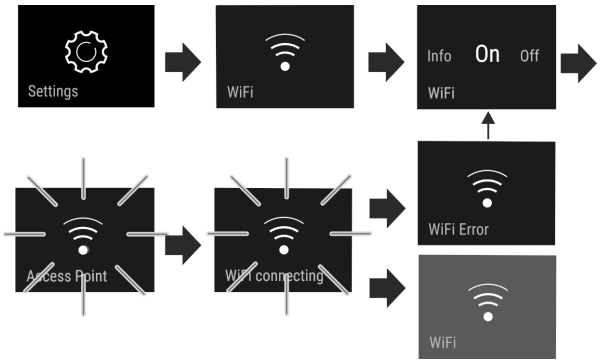


Fig. 8

▶ 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) .

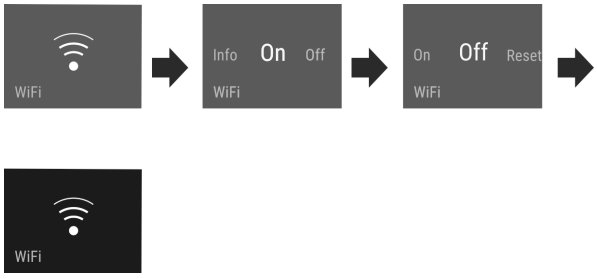


Fig. 9

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

Restoring the connection

▶ Restore settings (see 6.2 Control concept) .

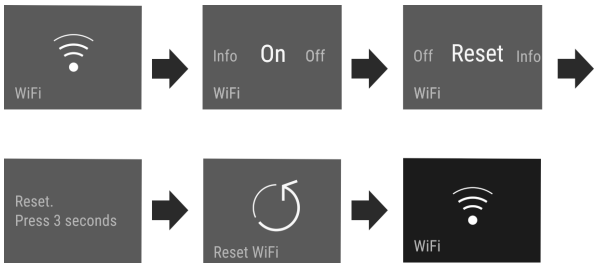


Fig. 10

▷ 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) .

Door alarm

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

The options are as follows:

- 1 min
- 2 min
- 3 min
- Off

Choose the setting

▶ Set the time (see 6.5 Warnings) .

Temperature unit

This setting enables you to switch between Celsius and Fahrenheit as the temperature unit.

Selecting the setting value

▶ Set the value (see 6.2 Control concept) .

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 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.

CleaningMode

Use this setting to easily clean the appliance.

This setting refers to the fridge section *Fig. 1 (A)*.

Use:

- Clean the fridge section by hand.

What happens on the appliance when this setting is on:

- The display permanently shows: CleaningMode.
- The fridge section is switched off.
- The internal light is on.
- Reminders and warnings are not shown. There is no acoustic signal.

Activating/deactivating settings

▶ Activating/deactivating the setting (see 6.2 Control concept) .
▷ On: fridge section is off. Light stays on.
▷ Off: preset temperature is restored.

After 60 min the setting turns off automatically. The appliance then continues running in normal mode.

D1 D-Value

The stainless steel rear wall is inside the appliance on delivery. The *D-Value* is set to **D1**. You can remove the stainless steel back wall for cleaning.

The appliance is designed for use with and without the stainless steel rear panel, so the appliance can be operated without it. If the appliance is use without the stainless steel rear panel, the *D-Value* must be set to **D2**.

Note
Liebherr recommends the following:
▶ Operate the appliance with stainless steel rear wall to avoid visible condensation and goods freezing to the rear wall or each other.

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.

Replace FreshAir active carbon filter

This message appears when the air filter needs replacing.
▶ Change the air filter every six months.
▶ Confirm the message with OK.
▷ The service interval resets.
▷ The air filter guarantees the air quality in the fridge.

Activating the setting

▶ Activating/deactivating (see 6.2 Control concept) .

Turn off appliance

This setting turns off the whole appliance.

Switching off the entire appliance

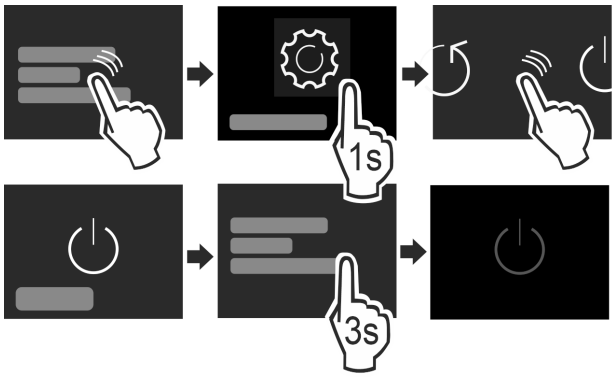


Fig. 11

▶ Activating/deactivating (see 6.2 Control concept) .
▷ Off: Display goes black.

6.5 Warnings

Warnings are issued with an acoustic signal and visually with a symbol on the display. The signal gets louder until the alert stops.

6.5.1 Message

Close 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.

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 audible signal stops.
▷ The display switches to the Status screen.
▶ Close the door.
▶ Contact Customer Services (see 9.4 Customer Services) .

6.5.2 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 Door rack

7.1.1 Move/remove the door rack

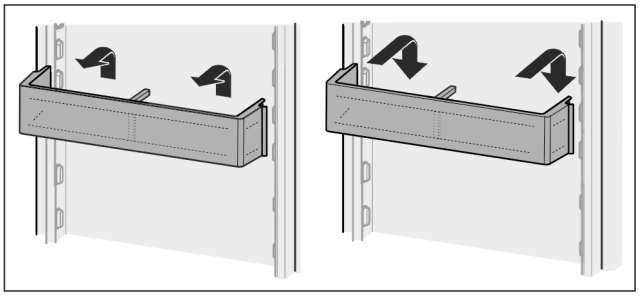


Fig. 12

▶ Slide the rack upwards.
▶ Pull forwards.
▶ Re-insert it in reverse order.

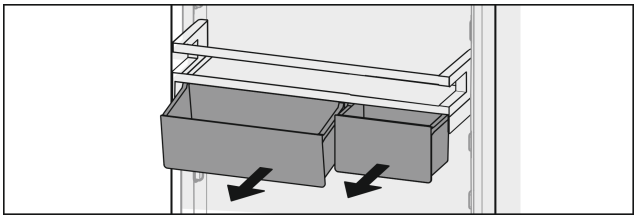


Fig. 13

You can use just one or both VarioBoxes. To store oversized bottles, just suspend one box over the bottle rack.

Move the VarioBox shelf:

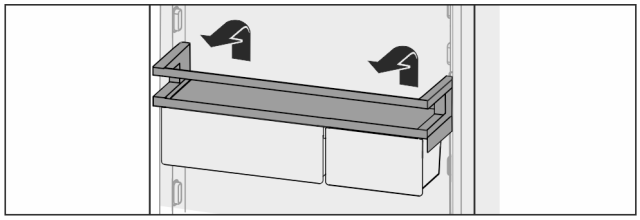


Fig. 14

▶ Pull it up and out.
▶ Put it back in at any position.

Moving the VarioBoxes:

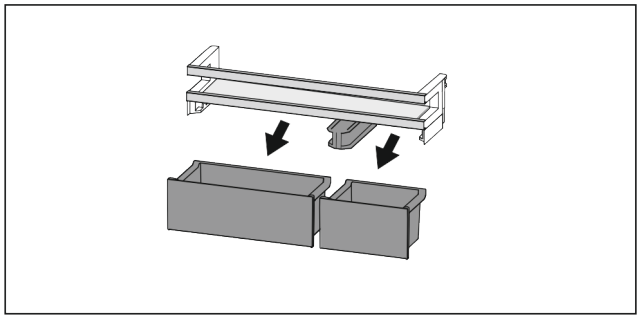


Fig. 15

If the door rack is removed:

▶ Remove containers.

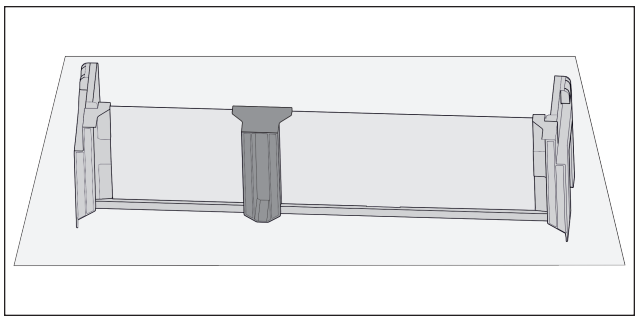


Fig. 16

▶ Place the shelf on the table.

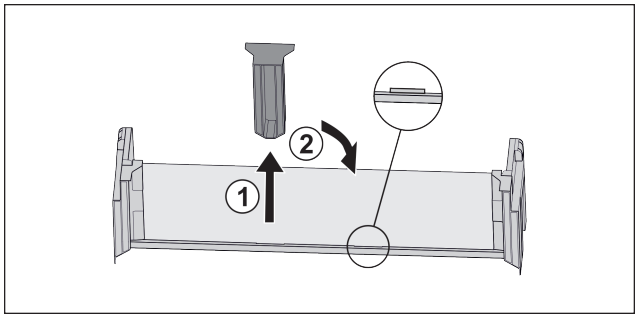


Fig. 17

▶ Pull off the middle holder *Fig. 17 (1)*.
▶ Insert the middle holder in the second position *Fig. 17 (2)*.

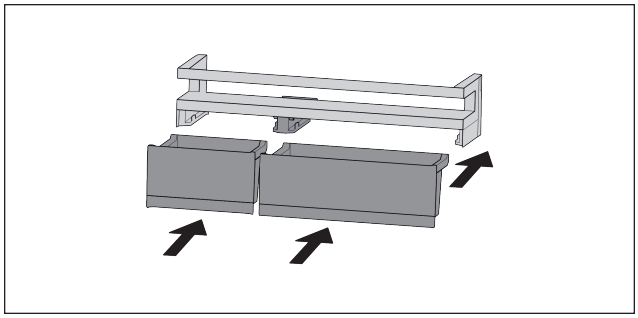


Fig. 18

▶ Replace containers.

7.1.2 Disassembling the door rack

The door rack can be taken apart for cleaning.

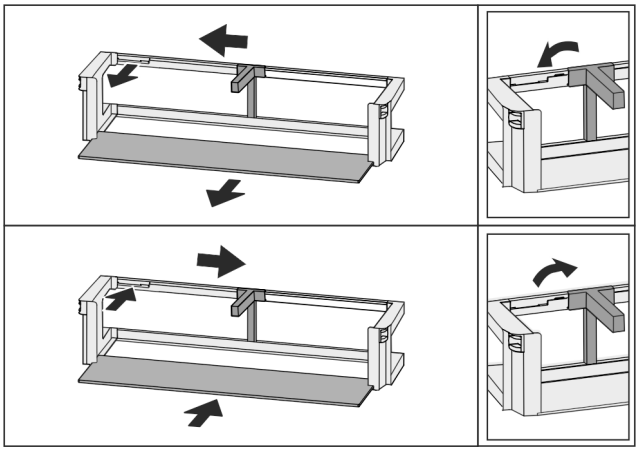


Fig. 19

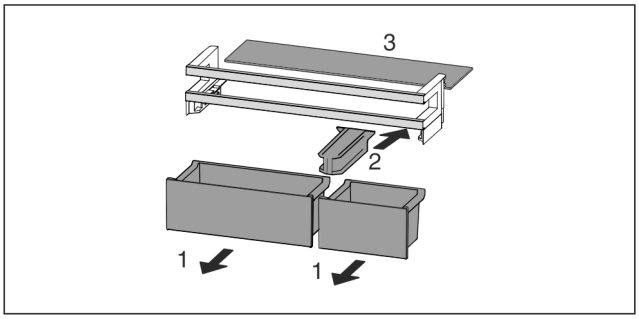


Fig. 20

▶ Disassemble the door rack.

7.2 Shelves

7.2.1 Adjusting/removing the shelves

The shelves are prevented from being pulled out accidentally by pull out stops.

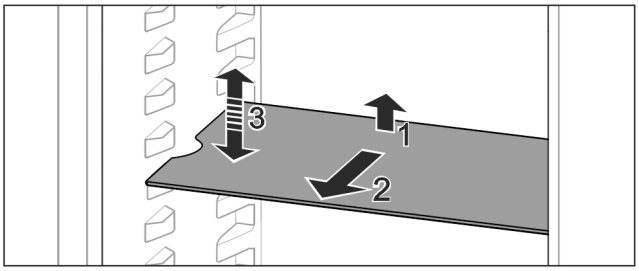


Fig. 21

▶ Lift the shelf and pull forward.
▷ Line up the side runner.
▶ Adjust the height of the shelf: Lift or lower it to the desired height and slide it in.

-or-

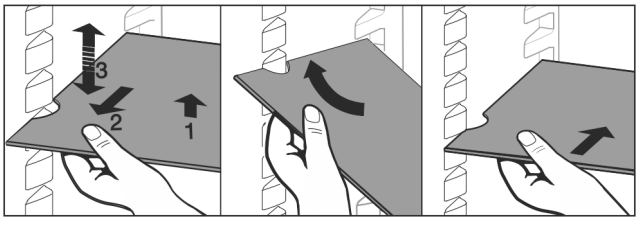


Fig. 22

▶ Remove the shelf completely: Pull it out to the front.

▶ Easier removal: Set the shelf at an angle.

*** Depending on model and options**

▶ Insert the shelf again: Slide it in all the way.
▷ The pull-out stoppers point downwards.
▷ The pull-out stoppers are behind the front support.

You can also remove the shelf above the EasyFresh compartments.

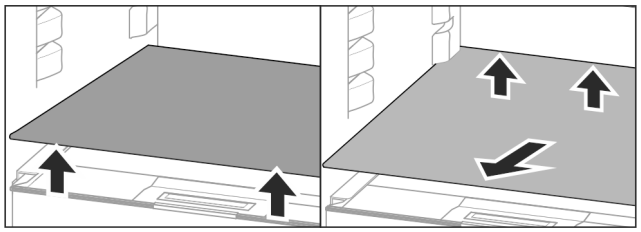


Fig. 23

Removing the shelf:
▶ Lift the shelf at the front and back.
▶ Pull it out towards you.

Do not store any goods on the compartment cover below!

Inserting the shelf:
▶ Place the shelf at an angle, sloping down towards the back.
▷ The pull-out stoppers point downwards.
▶ Slide the shelf into place.

7.3 Dividing shelf

7.3.1 Using the dividing shelf

The shelves are prevented from being pulled out accidentally by pull out stops.

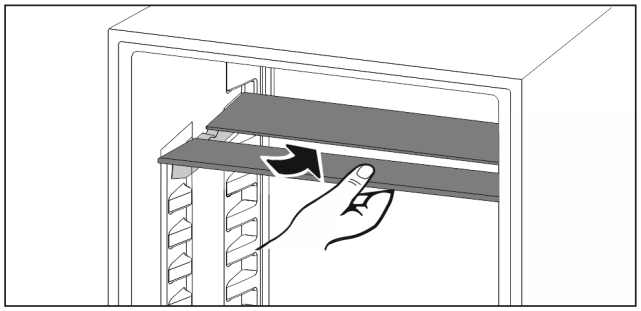


Fig. 24

▶ Push the dividing shelf underneath as shown.

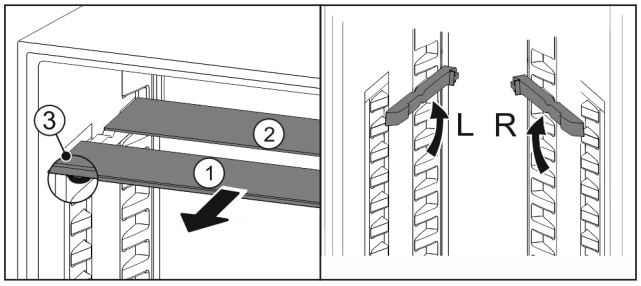


Fig. 25

Adjusting the height:
▶ Pull the glass panels out *Fig. 25 (1)* from the front, one at a time.
▶ Release the support rails and click in at the height you want.
▶ Slide in the glass panels one at a time.
▷ Flat pull-out stoppers at the front, right behind the support rails.
▷ High pull-out stoppers at the back.

Using both shelves:
▶ Hold the glass panel with one hand and pull it to the front.
▷ The glass panel *Fig. 25 (1)* and trim strip are at the front.
▷ The stops *Fig. 25 (3)* point down.

7.4 VarioSafe

The VarioSafe provides space for compact foodstuffs and packages, pots and glasses.

7.4.1 Using the VarioSafe

You can remove the drawer and slide it back in at 2 different heights. This is handy for storing taller items in the drawer.

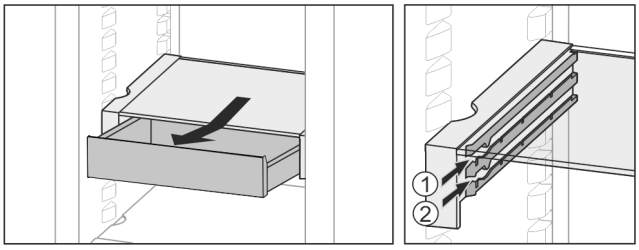


Fig. 26

▶ Remove the drawer.
▶ Slide back at the height you want *Fig. 26 (1)* or *Fig. 26 (2)*.

7.4.2 Repositioning the VarioSafe

You can shift the height of the entire VarioSafe.

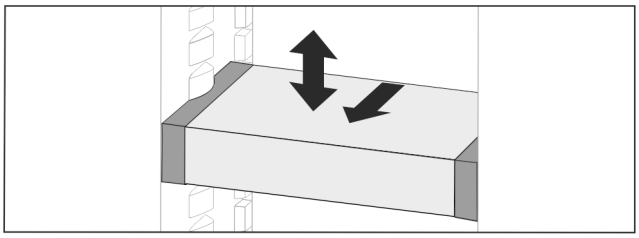


Fig. 27

▶ Pull forwards.
▷ Line up the side runner.
▶ Lift or lower to the height you want.
▶ Slide to the rear.

7.4.3 Removing the entire VarioSafe

You can remove VarioSafe as a whole unit.
▶ Pull forwards.
▷ Line up the side runner.

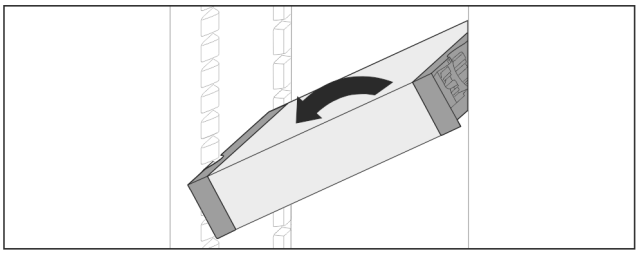


Fig. 28

▶ Tip to the side and pull towards you.

7.4.4 Disassembling the VarioSafe

You can take the VarioSafe apart for cleaning.

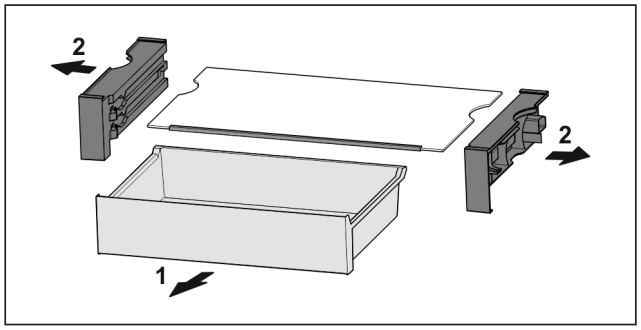


Fig. 29

▶ Disassembling the VarioSafe

7.5 Drawers

Drawers can be removed for cleaning.

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.

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

7.5.1 Removing the drawer

Drawer on rails

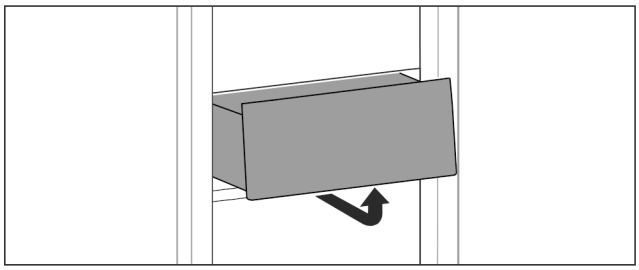


Fig. 30

▶ Remove the drawer as shown in the illustration.

Drawer on telescopic rails

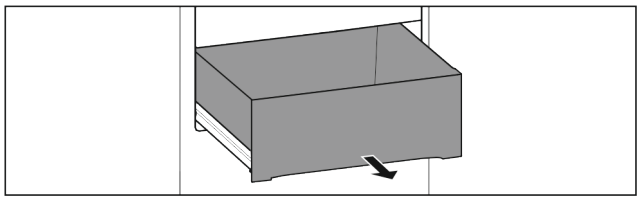


Fig. 31

Ensure that the following conditions are met:

❑ Drawer is completely pulled out (see Fig. 1595) .

Partial pull-out fridge compartment:

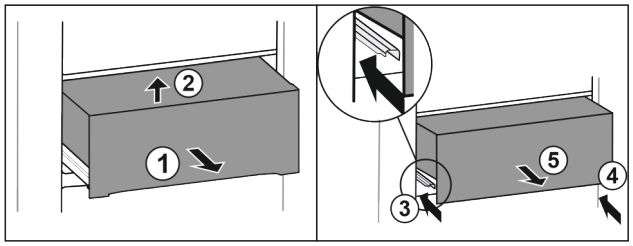


Fig. 32

▶ Pull out the drawer half-way *Fig. 32 (1)*.
▶ Lift at the front *Fig. 32 (2)*.
▶ Insert left rail *Fig. 32 (3)*.
▶ Insert right rail *Fig. 32 (4)*.
▶ Take out the drawer to the front *Fig. 32 (5)*.

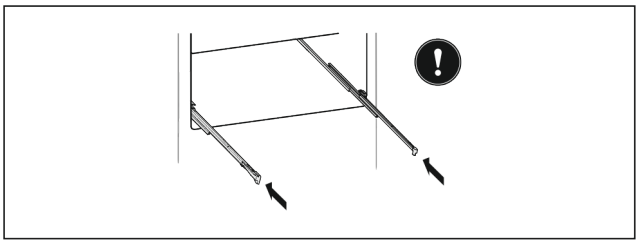


Fig. 33

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

▶ Push the rails in completely.

7.5.2 Inserting the drawer

Drawer on rails

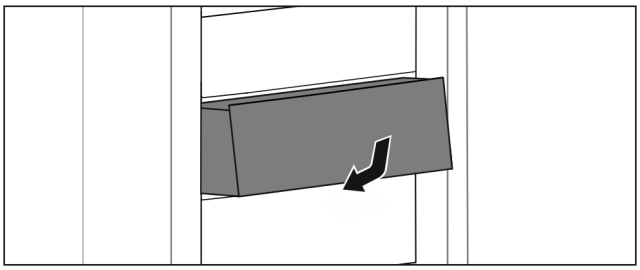


Fig. 34

▶ Insert the drawer as shown.

Drawer on telescopic rails

Partial pull-out fridge compartment:

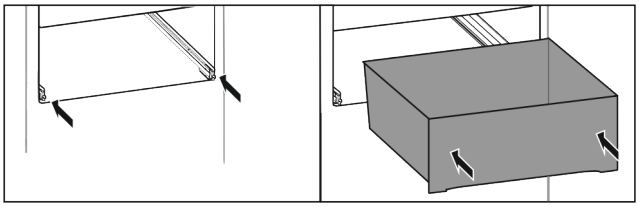


Fig. 35

▶ Slide the rails in.
▶ Place the drawer on the rails.
▶ Push all the way back.

7.6 EasyFresh-Safe cover

You can remove the compartment cover for cleaning.

7.6.1 Removing the compartment cover

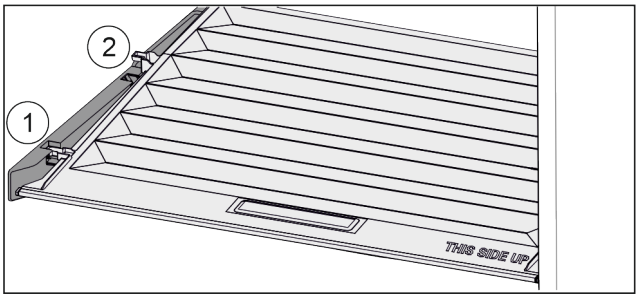


Fig. 36

When the drawers are removed:

▶ Pull the lid up at the front to the opening in the retaining parts *Fig. 36 (1)*.
▶ Lift from the back and pull it up and out *Fig. 36 (2)*.

7.6.2 Inserting the compartment cover

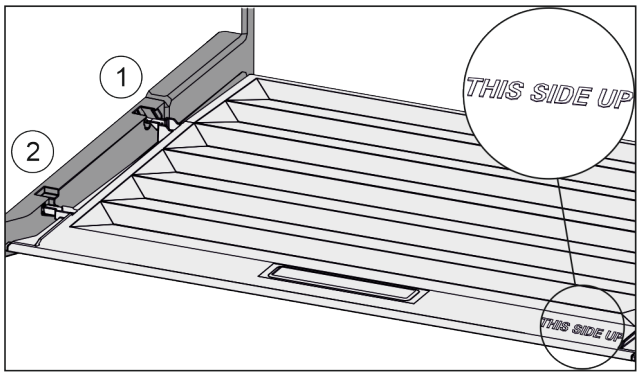


Fig. 37

If the text THIS SIDE UP points upwards:

▶ Insert the lip of the cover over the opening of the rear bracket *Fig. 37 (1)* and click into place *Fig. 37 (2)*.

▶ Position the cover where you want it (see 7.7 Adjusting the moisture levels) .

7.7 Adjusting the moisture levels

You can adjust the moisture in the drawer yourself by adjusting the compartment cover.

The compartment lid is attached to the drawer and can be hidden by a shelf or additional drawers.

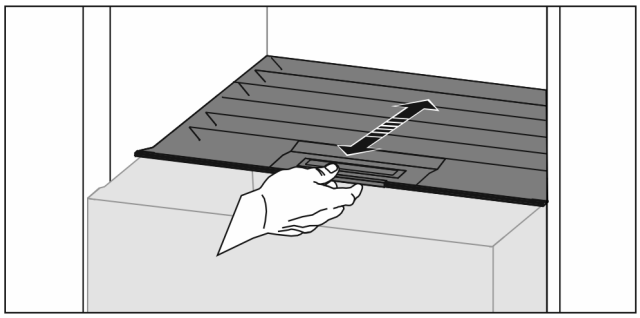


Fig. 38

Low air humidity

▶ Open the drawer.

▶ Slide the compartment cover forwards.

▷ With the drawer closed: Gap between the cover and the compartment.

▷ The air moisture in the Safe decreases.

High air moisture

▶ Open the drawer.

▶ Slide the cover back.

▷ With the drawer closed: The cover seals the compartment.

▷ The air moisture in the Safe increases.

If there is too much moisture in the compartment:

▶ Choose the setting “low air moisture”.

-or-

▶ Remove any excess moisture with a cloth.

7.8 Accessories

7.8.1 Butter dish

Opening/closing the butter dish

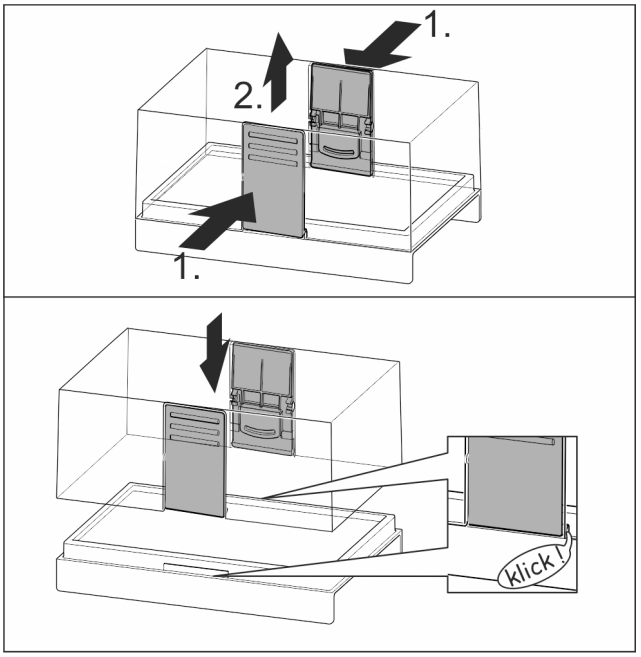


Fig. 39

Dismantling the butter dish

You can take the butter dish apart for cleaning.

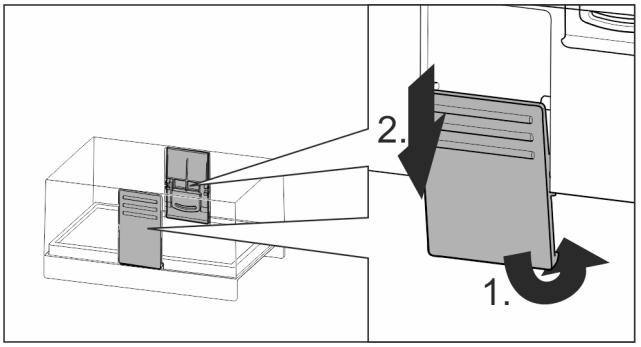


Fig. 40

▶ Disassembling the butter dish.

7.8.2 Egg rack

You can pull out and turn the egg rack. You can use both sides of the egg rack so you can label specifics like the purchase date.

Using the egg rack

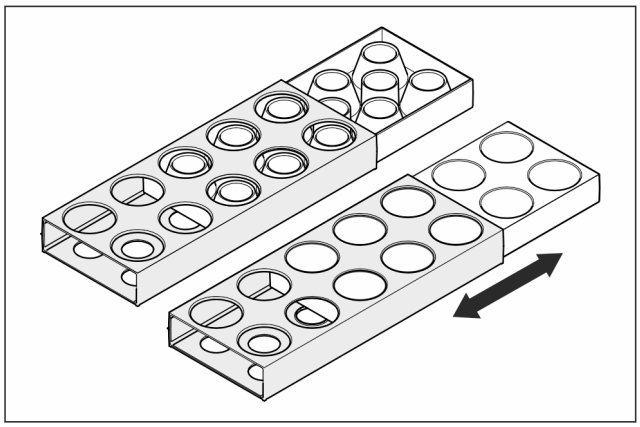


Fig. 41

▶ Top layer: for storing hen eggs.
▶ Bottom layer: for storing quail eggs.

7.8.3 Bottle holder

Using the bottle holder

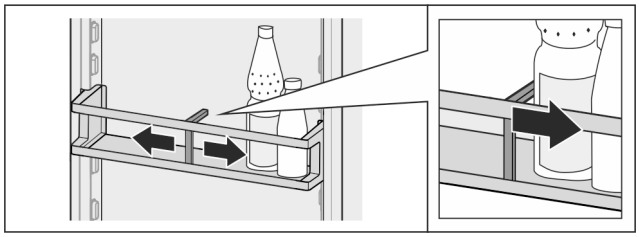


Fig. 42

▶ Push the bottle holder onto the bottles.
▷ The bottles are prevented from falling over.

Removing the bottle holder

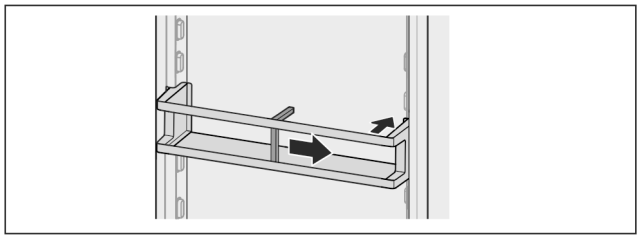


Fig. 43

▶ Move the bottle holder all the way to the right.
▶ Push the bottle holder to the back to remove.

8 Maintenance

8.1 FreshAir carbon filter

The FreshAir carbon filter is in the compartment above the fan.

It guarantees the best air quality.

❑ Replace the carbon filter every 6 months.
With the *Reminder* setting on, a message on the display prompts you to replace it.
❑ The carbon filter can be disposed of with the regular household waste.

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

8.1.1 Removing the FreshAir carbon filter

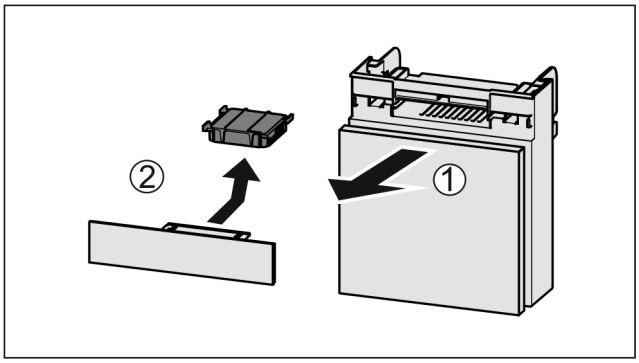


Fig. 44

▶ Pull out the compartment *Fig. 44 (1)*.
▶ Remove the carbon filter *Fig. 44 (2)*.

8.1.2 Inserting the FreshAir carbon filter

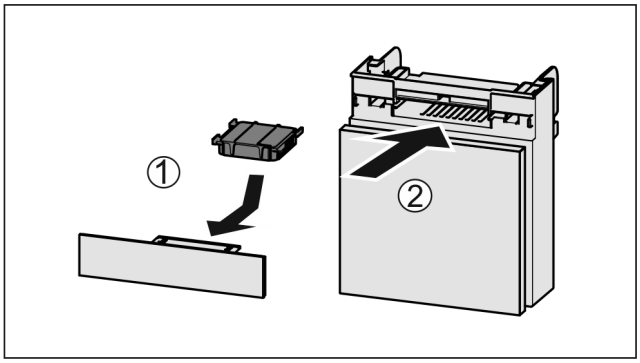


Fig. 45

▶ Insert the carbon filter as shown in the diagram *Fig. 45 (1)*.
▷ The carbon filter clicks into place.
If the carbon filter is pointing downwards:
▶ Push the compartment in *Fig. 45 (2)*.
▷ The carbon filter is now ready for use.

8.2 Defrosting the appliance

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

Defrosting is performed automatically. The water from the thawing process drains through the outlet and evaporates.

A layer of frost or ice can from briefly due to the energy-optimised control of the device.

▶ Clean the drain opening regularly (see 8.3 Cleaning the appliance) .

8.3 Cleaning the appliance

8.3.1 Ready

WARNING
Danger of electric shock!
▶ Remove the refrigerator connector or interrupt the power supply.

WARNING
Risk of fire
▶ Do not damage the refrigeration circuit.

▶ Empty the appliance.

8.3.2 Clean the housing

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

WARNING
Risk of injury and damage as a result of hot steam!
Hot steam can lead to burns and can damage the surfaces.
▶ Do not use any 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.

▶ Plastic surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.
▶ Metal surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.
▶ Drain outlet *Fig. 1 (16)*: remove any deposits with a thin item such as a cotton bud.

8.3.4 Clean the components

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

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

- VarioSafe
- EasyFresh-Safe cover
- Drawer

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:

- Door rack
- VarioBox
- Bottle rack
- Shelf
- Dividing shelf
- Holder of the dividing shelf
- Egg rack
- Butter dish

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

8.3.5 After cleaning

▶ Wipe the appliance and the components dry.
▶ Connect and switch on the appliance.
The temperature is cold enough:
▶ Place the food inside.
▶ Repeat cleaning regularly.

9 Customer help

9.1 Technical specifications

Temperature range	
Cooling	2 °C to 9 °C

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

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

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
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 turning on and off	Normal switching noise

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

Noise	Possible cause	Type of noise	Lifting
Vibration	Improper setup.	Defective noise	Level the appliance using the adjustable feet.
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 1.4 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) .
	→ 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 status display does not light up.	→ The status display is switched off.	▶ Turn on the status display .
	→ The door is open.	▶ Close the door.
	→ The appliance is switched off.	▶ Switch the appliance on.
	→ LED is faulty.	▶ Contact Customer Services (see 8 Maintenance) .
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.
The appliance is hot to touch on the outside*.	→ The heat of the refrigeration circuit is used to avoid condensation.	▶ This is normal.

*** Depending on model and options**

9.3.2 Features

Defect	Cause	Remedy
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.

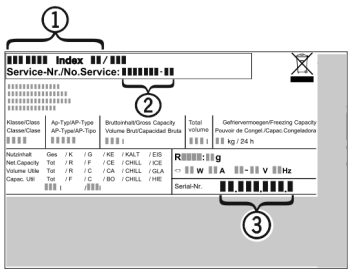


Fig. 46

(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 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 8.3 Cleaning the appliance) .
- ▶ Leave the door open to avoid bad smells building up.

11 Disposing of the appliance

WARNING
Danger of entrapment for children!
Before you dispose of your old refrigerator or freezer:
- ▶ Dismantle doors.
- ▶ Leave storage shelves in the appliance so that children cannot easily climb into the appliance.

The appliance contains some reusable materials and should be disposed of properly - not simply with unsorted household refuse. Appliances which are no longer needed must be disposed of in a professional and appropriate way, in accordance with the current local regulations and laws.



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.

Do not damage the refrigeration circuit of the old appliance during removal to prevent the refrigerant contained (information on the type plate (see 9.5 Model plate)) and the oil from escaping in an uncontrolled manner.

For Germany:

Disposing of the appliance

The appliance can be disposed of free of charge in Class 1 collection containers at your local recycling centre. When purchasing a new fridge/freezer and if your sales area is > 400 m^2, the retailer with also take back the old appliance free of charge.

Decommission the appliance:

▶ Pull out the plug.

▶ Remove the connection cable from the appliance.



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EN Refrigerator

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