

User Guide

Quality, Design and Innovation



home.liebherr.com/fridge-manuals



LIEBHERR

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The appliance at a glance

We hope you enjoy your new appliance.

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

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

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

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

These operating instructions apply to:

IRBhi 51..

1 The appliance at a glance

1.1 Additional benefits

- Natural coolant
- Energy-optimized refrigerant circuit
- Energy-efficient insulation
- Low energy consumption
- User-friendly electronic controls
- Active function indicators
- Temperature can be controlled in the appliance independent of ambient conditions according to its climate rating - Temperature can be displayed as °C or °F
- Large refrigeration capacity
- Safety glass storage shelves
- Bright LED interior light
- Door ajar alarm
- Integrated transport grips on appliance housing
- Transport castors at back
- Easy to clean
- Door hinges can be reversed
- Door-on-door system for easy kitchen cabinet installation
- Soft stop mechanisms
- This appliance has a SabbathMode function, so you can use it on religious holidays. Further information can be found on the Star-K website www.star-k.org.

1.2 Delivered contents

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

Delivery contains the following parts:

- Integrated appliance
- Equipment (depending on your model)
- Installation parts (depending on your model)
- User Guide

- Installation Guide
- Warranty documents

1.3 Appliance and equipment overview

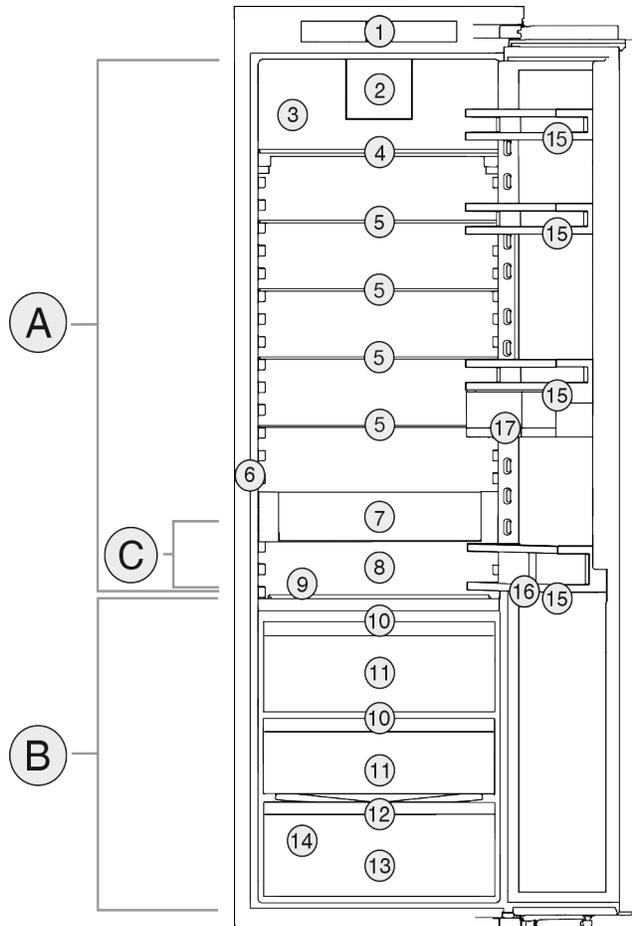


Fig. 1 Example illustration

- | Temperature range | |
|--|---|
| <p>(A) Fridge compartment</p> <p>(C) Coldest zone</p> | <p>(B) BioFresh</p> |
| Equipment | |
| <p>(1) Control elements</p> <p>(2) Fan with FreshAir activated charcoal filter</p> <p>(3) Dry rear panel</p> <p>(4) Split shelf</p> <p>(5) Shelf</p> <p>(6) InfinitySpring</p> <p>(7) VarioSafe</p> <p>(8) Space for baking tray</p> <p>(9) Variable bottle shelf</p> | <p>(10) Lid for Fruit & Vegetable-Safe</p> <p>(11) Fruit & Vegetable-Safe</p> <p>(12) Drain hole</p> <p>(13) Meat & Dairy-Safe</p> <p>(14) Serial tag</p> <p>(15) Storage rack</p> <p>(16) Bottle rack</p> <p>(17) VarioBox</p> |

General safety instructions

Note

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

1.4 Range of appliance use

Normal use

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

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

The appliance is not suitable for freezing food;

All other types of uses are not permitted.

Foreseeable misuse

The following uses are specifically prohibited:

- Storage and cooling of medication, blood plasma, laboratory preparations or similar substances and products in accordance with the CMDCAS and FDA 510(k)
- Use outdoors
- Use in moist areas exposed to the rain
- Use in outdoor areas with very high humidity
- Use in areas at risk of explosion

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

Climate ratings

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

Note

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

Climate rating	for ambient temperatures from
SN	50 °F (10 °C) to 90 °F (32 °C)
N	61 °F (16 °C) to 90 °F (32 °C)
ST	61 °F (16 °C) to 101 °F (38 °C)
T	61 °F (16 °C) to 110 °F (43 °C)

1.5 Conformity

The refrigerant circuit has been tested for leaks. When installed, the appliance complies with the relevant safety regulations and the safety standards CAN/CSA-C22.2 No. 60335-1-11, 60335-2-24-06 and UL 60335-1, UL 60335-2-24.

BioFresh meets EN ISO 8561 requirements for a chill compartment.

2 General safety instructions

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

Dangers for the user:

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. Cleaning and user maintenance must not be performed by children unless they are supervised. Children between the ages of 3 and 8 may load and unload the appliance. Children under the age of 3 must be kept away from the appliance unless they are constantly supervised.
- Always hold the appliance at the plug when disconnecting it from the household power. Do not pull on the cable.
- Disconnect the power plug or fuse if there is a malfunction.
- Do not damage the power cable. Do not operate the appliance with a faulty power cable. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. For Plug and Play connections, the change may be carried out by the customer.
- Repairs and work on the appliance may only be carried out by Customer Service or other specifically trained qualified personnel.
- Only install, connect and dispose of the appliance in accordance with the instructions.
- Only operate the appliance after it has been installed.

General safety instructions

- Please keep the instructions safe and pass them on to any new owner if required.
- The manufacturer is not liable for damage arising from a defective fixed water connection.

Risk of fire:

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

Risk of falling or toppling over:

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

Danger of poisoning:

- Do not consume spoiled food.

- **WARNING:** Connect to potable water supply only.
- Do not use any old or already premounted water supply lines.

Danger of frostbite, feeling of numbness and pain:

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

Risk of injury and damage:

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

Risk of crushing:

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

California Proposition 65

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

FCC Warning

- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC information

- This appliance has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

Start-up

These limits are designed to provide reasonable protection against harmful interference from an installation in residential areas. This appliance generates, uses and can radiate radio-frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this appliance does cause harmful interference to radio or television reception, which can be determined by switching the appliance on and off, the user should try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the appliance and receiver.
- Connect the appliance to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radio Frequency Exposure Statement

- This appliance is found to comply with FCC radio frequency (RF) exposure limits set for an uncontrolled environment. This transmitter must not be set up or operated in conjunction with another antenna or another transmitter.
- This appliance should be installed and operated at a minimum separation distance of 20 cm between the antenna and your body. The user must follow the specific operating instructions to comply with the limits of RF exposure.

IC information

- This appliance has license-exempt transmitters/receivers, which comply with the license-exempt Radio Standards Specification (RSS) of Innovation, Science and Economic Development Canada. Operation is subject to the following two conditions:
 - This appliance may not cause interference.
 - This device must accept any interference, including interference that may cause undesired operation of the device.

IC Radio Frequency Exposure Statement

- This appliance is found to comply with IC RSS-102 radio frequency (RF) exposure limits set for an uncontrolled environment. This

appliance should be installed and operated at a minimum separation distance of 20 cm between the antenna and your body.

Symbols on the device:



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



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



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

Observe the detailed information in the other sections:

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

3 Start-up

3.1 Turning on the appliance

Make sure that the following requirements are met:

- Appliance is 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 advertising material has been removed from the drawers.
- ▶ Switch on the appliance from the display.

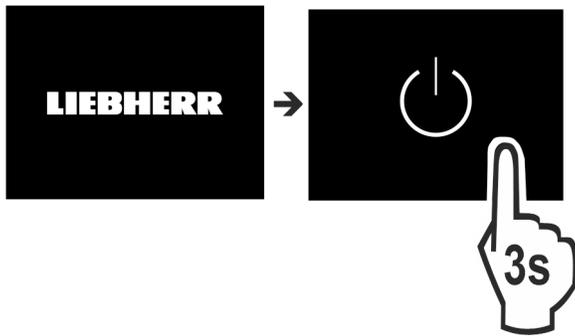


Fig. 2

- ▶ After switching on the appliance, select the language.



Fig. 3

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

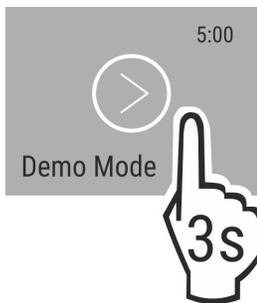


Fig. 4

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

Note

The manufacturer recommends:

- ▶ Putting away groceries: Wait approx. 6 hours until the set temperature has been reached.

3.2 Insert the equipment

- ▶ Insert the supplied equipment to help you make the most of the appliance.
- ▶ Install the SmartDevice app (see <https://apps.home.liebherr.com/>).
- ▶ Insert the water tank (see 8.2.2 Inserting the water tank).
- ▶ Insert the water filter (see 8.3.2 Installing the water filter).*

- ▶ Insert the drip tray (see 8.2.3 Removing / inserting the drip tray).

Note

You can purchase accessories from the [Liebherr household appliance store](http://home.liebherr.com) (home.liebherr.com).

4 Food management

4.1 Storing food



WARNING

Danger of fire

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

Note

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

- ▶ Always keep the air slots unobstructed.

When storing food, remember these basic rules:

- Do not obstruct the air vents on the back wall.
- Do not obstruct the air vents on the fan.
- Food is well sealed.
- Food that easily absorbs or emits odor or taste, are in sealed containers or are covered.
- Raw meat or fish is in clean, sealed containers so that other food cannot be touched or drip on them.
- Liquids are in sealed containers.
- Food is stored spaced apart to ensure good air circulation.

Note

Failure to follow these guidelines can lead to food perishing.

4.1.1 Fridge

The natural air circulation means the temperature varies in different sections.

Arranging the food:

- ▶ In the top section and in the door: butter and cheese, preserves, and tubes.
- ▶ The coldest zone *Fig. 1 (C)* is for: easily perishable food such as prepared meals.

4.1.2 BioFresh

BioFresh allows some fresh food to be stored longer compared to conventional cooling.

The taste, freshness, and nutritional value (vitamin B and C groups) of the food are preserved to a large extent. Fruit and vegetables spoil less quickly and lose less water, and food remains fresher and more wholesome

Food management

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

If the temperature drops below 32 °F (0 °C), food can start to freeze.

Note

Store cold-sensitive fruit and vegetables in the cooling section, such as cucumber, eggplant, zucchini, and tropical fruit.

Fruit & Vegetable-Safe

This provides a fresh storage climate with the lid closed. A moist climate is suitable for storing unsealed food with a high moisture content (e.g. salad, vegetables, fruit).

The humidity depends on the moisture content of the stored items and how frequently the door is opened. You can regulate the moisture.

Arranging the food:

- ▶ Place unsealed fruit and vegetables.
- ▶ Excessive moisture: Regulate the air humidity (see 7.10 Humidity control) .

Meat & Dairy-Safe

The DrySafe provides a relatively dry storage environment. A dry climate is suitable for dry or sealed food (e.g. dairy products, meat, fish, sausage).

Arranging the food:

- ▶ Place dry or sealed food.

4.2 Storage times

The storage times given are guidelines

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

4.2.1 Fridge

The best-before date stated on the packaging applies.

4.2.2 BioFresh

Note

You can check the guideline settings in the BioFresh app <https://home.liebherr.com/de/deu/service/apps/landing-page-apps-emea.html> .

Guideline storage times for the Meat & Dairy-Safe		
Butter	at 34 °F (1 °C)	up to 90 days
Hard cheese	at 34 °F (1 °C)	up to 110 days
Milk	at 34 °F (1 °C)	up to 12 days
Sausage, cold cuts	at 34 °F (1 °C)	up to 8 days

Guideline storage times for the Meat & Dairy-Safe		
Poultry	at 34 °F (1 °C)	up to 6 days
Pork	at 34 °F (1 °C)	up to 6 days
Beef	at 34 °F (1 °C)	up to 6 days
Game	at 34 °F (1 °C)	up to 6 days

Note

- ▶ Note that higher-protein foods spoil more quickly So, shellfish and crustaceans perish faster than fish, and fish perishes faster than meat.

Guideline storage times for the Fruit & Vegetable-Safe		
Vegetables, lettuce		
Artichokes	at 34 °F (1 °C)	up to 14 days
Celery	at 34 °F (1 °C)	up to 28 days
Cauliflower	at 34 °F (1 °C)	up to 21 days
Broccoli	at 34 °F (1 °C)	up to 13 days
Endives	at 34 °F (1 °C)	up to 27 days
Mâche	at 34 °F (1 °C)	up to 19 days
Peas	at 34 °F (1 °C)	up to 14 days
Kale	at 34 °F (1 °C)	up to 14 days
Carrots	at 34 °F (1 °C)	up to 80 days
Garlic	at 34 °F (1 °C)	up to 160 days
Cabbage turnip	at 34 °F (1 °C)	up to 14 days
Iceberg lettuce	at 34 °F (1 °C)	up to 13 days
Herbs	at 34 °F (1 °C)	up to 13 days
Leeks	at 34 °F (1 °C)	up to 29 days
Mushrooms	at 34 °F (1 °C)	up to 7 days

Guideline storage times for the Fruit & Vegetable-Safe		
Radishes	at 34 °F (1 °C)	up to 10 days
Brussels sprouts	at 34 °F (1 °C)	up to 20 days
Asparagus	at 34 °F (1 °C)	up to 18 days
Spinach	at 34 °F (1 °C)	up to 13 days
Savoy cabbage	at 34 °F (1 °C)	up to 20 days
Fruit		
Apricots	at 34 °F (1 °C)	up to 13 days
Apples	at 34 °F (1 °C)	up to 80 days
Pears	at 34 °F (1 °C)	up to 55 days
Blackberries	at 34 °F (1 °C)	up to 3 days
Dates	at 34 °F (1 °C)	up to 180 days
Strawberries	at 34 °F (1 °C)	up to 7 days
Figs	at 34 °F (1 °C)	up to 7 days
Blueberries	at 34 °F (1 °C)	up to 9 days
Raspberries	at 34 °F (1 °C)	up to 3 days
Red currants	at 34 °F (1 °C)	up to 7 days
Cherries, sweet	at 34 °F (1 °C)	up to 14 days
Kiwi	at 34 °F (1 °C)	up to 80 days
Peaches	at 34 °F (1 °C)	up to 13 days
Plums	at 34 °F (1 °C)	up to 20 days
Cranberries	at 34 °F (1 °C)	up to 60 days
Rhubarb	at 34 °F (1 °C)	up to 13 days
Gooseberries	at 34 °F (1 °C)	up to 13 days

Guideline storage times for the Fruit & Vegetable-Safe		
Grapes	at 34 °F (1 °C)	up to 29 days

5 Energy saving

- Always ensure good ventilation. Keep clear of obstruction all ventilation openings in the appliance enclosure or in the structure for building-in.
- Never block air slits in the fan.
- Do not install the appliance in direct sunlight or next to a stove, heater or similar heat source.
- Energy consumption depends on installation conditions such as the ambient temperature (see 1.4 Range of appliance use) . A warmer ambient temperature can increase the energy consumption.
- Avoid opening the appliance door for any longer than necessary
- The lower the temperature is set the higher the energy consumption.
- Sort your food items: home.liebherr.com/food.
- All food stored in the appliance should be well wrapped and covered. This prevents frost buildup.
- Only take food out for as long as necessary so that it does not get too warm.
- Insertion of warm foods: first let the food cool down to room temperature.
- For longer periods of absence, use HolidayMode (see HolidayMode) .

6 Use

6.1 Controls and displays

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

6.1.1 Status display

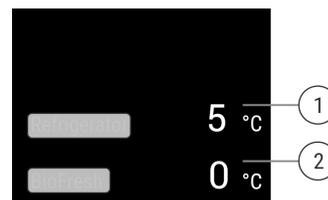


Fig. 5

(1) Fridge compartment temperature display

(2) Temperature display BioFresh

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

Use

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 Umrechnung von s wurde noch nicht definiert! (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.
- Select . The display returns to the function/setting.

Back to Status display:

- Close and open the door.
- Wait 10 Umrechnung von s wurde noch nicht definiert! (10 s). The display switches to the Status display.

6.1.3 Display symbols

The display symbols provide information about the current appliance status.

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

6.2 Operating logic

6.2.1 Activating/deactivating settings

You can activate/deactivate the following functions:

Symbol	Function
	SuperCool [*]
	PartyMode [*]
	HolidayMode
	EnergySaver

^{*} 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 selected value 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

- ▶ Press Confirm 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

Symbol	Setting
	Cleaning Mode ²
	Reminders ¹
	Reset ²
	Switch off ²

- ▶ Swipe left in the display until Settings  appears.
- ▶ Confirm settings by tapping.
- ▶ Swipe until you can see the setting you want.

¹ Activate setting (short press)

- ▶ Tap briefly to confirm.
- ▷ You hear the confirmation tone.
- ▷ Status appears in the menu.
- ▷ Setting is activated / deactivated.

² Activate setting (long press)

- ▶ Press 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 the display to the left until the settings  are displayed.
- ▶ Confirm the settings by tapping.
- ▶ Swipe until you can 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 Calling up the customer menu

The customer menu provides the following settings:

Symbol	Function
	BioFresh B-Value ¹
	D-Value ¹
	Software

- ▶ Swipe left in the display until Settings  appears.
- ▶ Confirm the settings by tapping.
- ▶ Swipe until About Appliance  appears.
- ▶ Tap briefly to confirm.
- ▶ Call up the customer menu: Enter the code 151.
- ▶ Swipe in the customer menu until you can see the setting you want.

¹ Select the setting value

- ▶ Tap briefly to confirm.
- ▷ You hear the confirmation tone.
- ▷ Status appears briefly in the display.
- ▷ The display switches back to the menu.

² Activate setting

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

6.3 Functions

Temperature

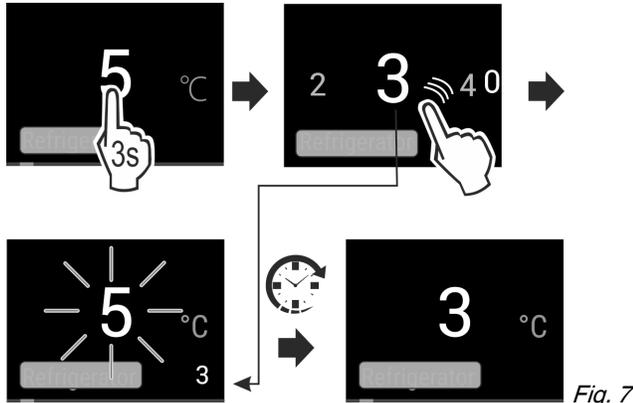
The temperature depends on the following factors:

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

Temperature zone	Recommended setting
 Fridge	41 °F (5 °C)
 BioFresh	(see BioFresh B-Value)

Use

Setting the temperature



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

Setting the temperature in the BioFresh

You can set the temperature using the **BioFresh B-Value** in the customer menu. (see BioFresh B-Value)

SuperCool

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

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

Use:

- Cool large amounts of food quickly.

Activating/deactivating settings

- ▶ Using the fridge section: activate the function when you add the goods.
- ▶ Activating/deactivating (see 6.2 Operating logic) .
- 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 activated:

- *SuperCool*
- *InfinitySpring*

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

Activating/deactivating settings

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

The function is automatically switched off after 24 hours.

HolidayMode

This function minimizes the energy consumption during an extended absence. The temperature of the refrigerator compartment is set to 59 °F (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 mold.

Activating/deactivating settings

- ▶ Empty everything from the fridge section.
- ▶ Activating/deactivating (see 6.2 Operating logic) .
- ▷ 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
 Fridge compartment	41 °F (5 °C)	45 °F (7 °C)

Use:

- Save energy.

Activating/deactivating settings

- ▶ Activating/deactivating (see 6.2 Operating logic) .
- ▷ 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 Operating logic) .

Setting up the WLAN connection

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 Residential Appliances Store \(https://home.liebherr.com/shop/de/deu/smartdevicebox.html\)](https://home.liebherr.com/shop/de/deu/smartdevicebox.html).

More information about the availability, prerequisites and individual options can be found on the Internet at <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 appliance status on the SmartDevice-App.

- Install the SmartDevice app (see <https://apps.home.liebherr.com/>).

Setting up the WLAN connection

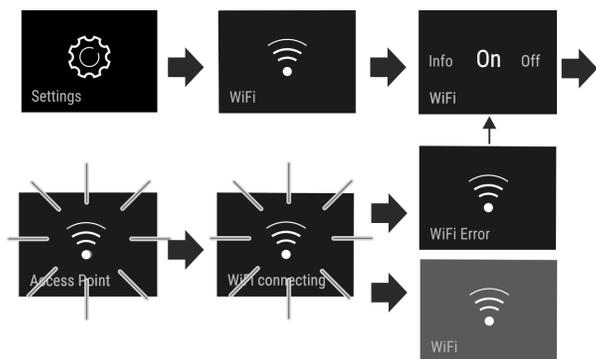


Fig. 8

- ▶ Activate (see 6.2 Operating logic) .
- ▷ 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

- ▶ Deactivate the setting (see 6.2 Operating logic) .

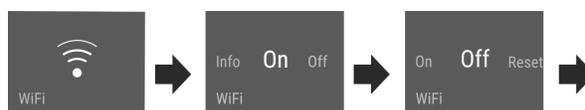


Fig. 9



There is no connection: The symbol  is displayed constantly.

Restoring the connection

- ▶ Restore settings (see 6.2 Operating logic) .

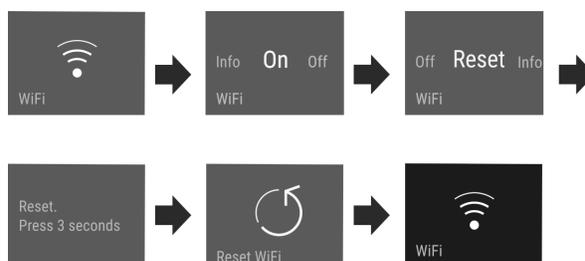


Fig. 10

- ▷ Connection and other settings are restored to factory settings.



Entry lock

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

Use:

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

Activating/deactivating settings

- ▶ Activating/deactivating (see 6.2 Operating logic) .



Display brightness

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

You can set the following brightness levels:

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

Use

Choosing the setting

- ▶ Set the level (see 6.2 Operating logic).



Door alarm

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

Options are as follows:

- 1 min
- 2 min
- 3 min
- Off

Choosing the setting

- ▶ Set the level (see 6.5 Warnings).



Temperature unit

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

Selecting the setting value

- ▶ Set the value (see 6.2 Operating logic).



Info

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

It provides the following information:

- Model name
- Index
- Serial number
- Service number

View appliance data

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



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

If there was a power outage during SabbathMode:

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

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 timer interval is also stopped. The function is no longer executed in SabbathMode.
- Reminders and warnings are not displayed. No acoustic signals are emitted and the display does not show warnings / settings such as temperature alarm or door alarm.
- InfinitySpring 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 reach Settings  and press for 1 second. The menu shows the available settings.
- ▶ Swipe the display until the symbol for SabbathMode (Menora) appears. Press the symbol for 3 seconds.
 - ▷ The display changes color.
 - ▷ SabbathMode has been activated.

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

SabbathMode has been deactivated.



CleaningMode

This setting makes it easy to clean the appliance.

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

Use:

- Clean the fridge section manually.
- Clean the InfinitySpring.

What happens with the appliance when this setting is on:

- The display shows CleaningMode permanently.
- The refrigerator compartment is switched off.
- The internal light is on.

- Reminders and warnings are not shown. There is no acoustic signal.
- InfinitySpring is out of use.

Activating/deactivating settings

- ▶ Activate/deactivate setting (see 6.2 Operating logic) .
- ▷ On: Fridge compartment is switched off. Light stays on.
- ▷ Off: preset temperature is restored.

The setting is automatically deactivated after 60 minutes. Then the appliance continues operation in normal mode.

B5 BioFresh B-Value

In the delivery condition of the appliance, the value is set to **B5**. The status indicator on the display shows the appropriate target temperature in the BioFresh.

You can change this value slightly if a higher or lower ambient temperature makes it necessary. When setting the value, note:

Value	Description
B1	Lowest temperature
B1-B4	The temperature can drop to below 32 °F (0 °C), so food can freeze easily.
B5	Default temperature
B9	Highest temperature

BioFresh B-Value

Choosing the setting

- ▶ Make your settings in the Customer menu (see 6.2 Operating logic) .

D1 D-Value

The *D-Value* is preset for your appliance and may not be changed.

Reminder

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

Replace water filter*

This message appears when the water filter needs replacing.

- ▶ Replace the water filter every 6 months.
- ▶ Confirm the message with OK.
- ▷ The service interval resets.
- ▷ The water filter guarantees the best water quality.

Replace the FreshAir active carbon filter

This message appears when the air filter needs replacing.

- ▶ Replace 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.

Activate setting

- ▶ Activating/deactivating (see 6.2 Operating logic) .

Reset

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

Activate the setting

- ▶ Activating (see 6.2 Operating logic) .

Turn off appliance

This setting turns off the whole appliance.

Switch off whole appliance

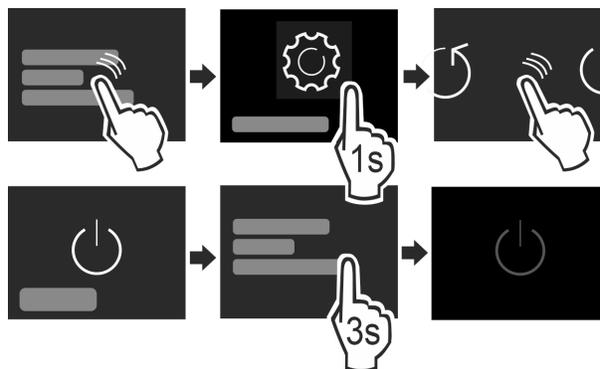


Fig. 11

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

You can set the time before this message appears .

- ▶ Stop alarm: Confirm the message.

-or-

- ▶ Close the door.

Error

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

Equipment

- ▶ Open the door.
- ▶ Take note of the error code.
- ▶ Confirm the message.
- ▷ The acoustic warning ceases
- ▷ The display changes to the Status screen.
- ▶ Close the door.
- ▶ Contact Customer Service (see 9.4 Customer service) .

6.5.2 DemoMode

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

Switching off DemoMode

When you see a time counting down:

- ▶ Confirm within the countdown.
- ▷ DemoMode is off.

If there is no countdown:

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

7 Equipment

7.1 Door racks

7.1.1 Moving/removing door racks

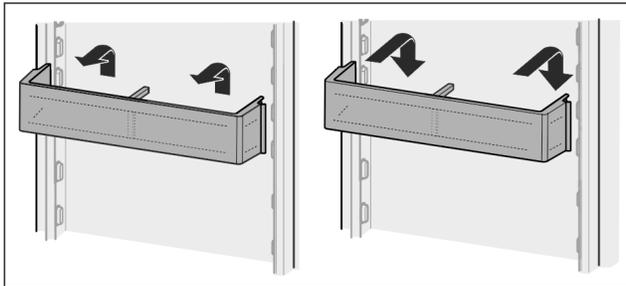


Fig. 12

- ▶ Slide racks up.
- ▶ Pull to the front.
- ▶ Re-insert in reverse order.

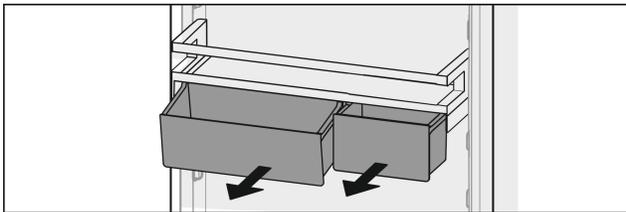


Fig. 13

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

Move the VarioBox shelf:

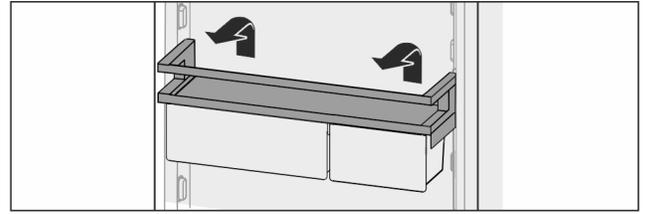


Fig. 14

- ▶ Pull up and out.
- ▶ Replace at any position.

Moving the VarioBoxes:

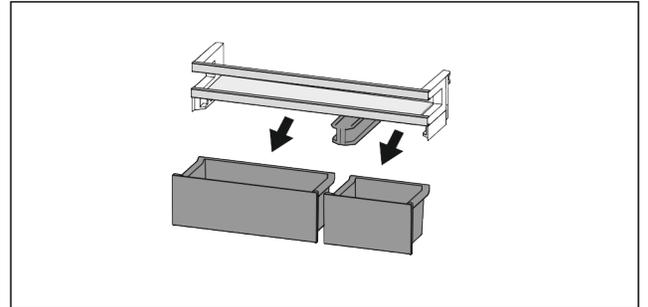


Fig. 15

If the door rack is removed:

- ▶ Remove boxes.

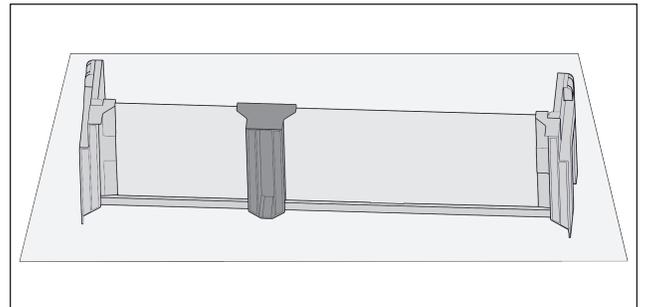


Fig. 16

- ▶ Place the shelf on the table.

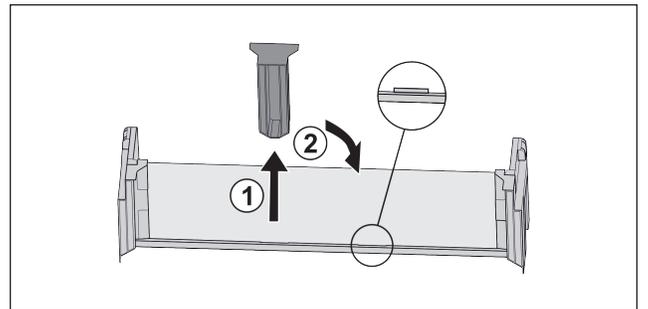


Fig. 17

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

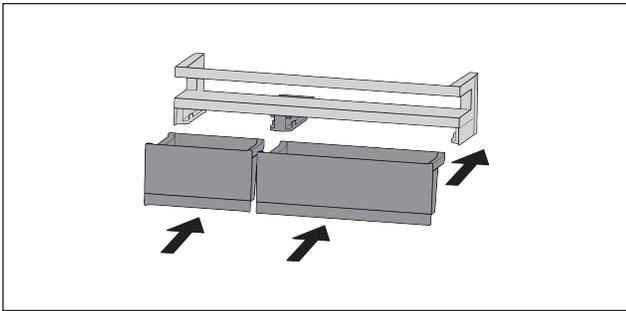


Fig. 18

► Replacing boxes.

7.1.2 To dismantle door racks

The door racks can be disassembled for cleaning.

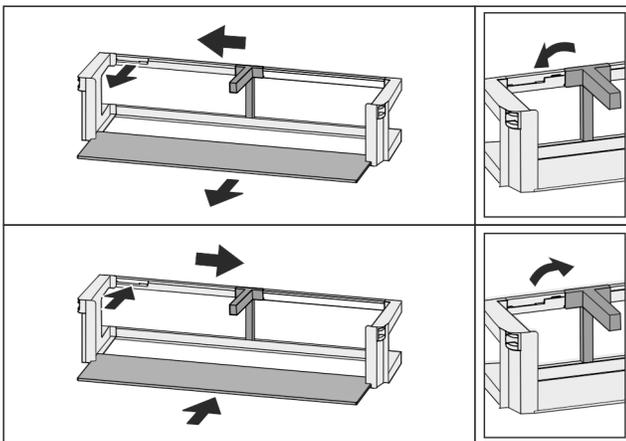


Fig. 19

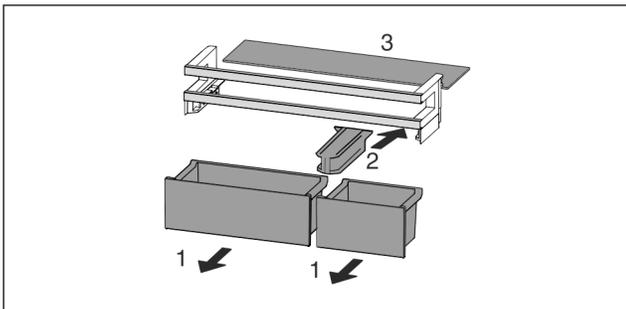


Fig. 20

► Disassemble the door racks.

7.2 Shelves

7.2.1 Moving/removing shelves



CAUTION

Broken shelves!
Danger of cuts.

► Only remove storage shelves when there is nothing on them

Extension stops secure the shelves against being accidentally pulled out

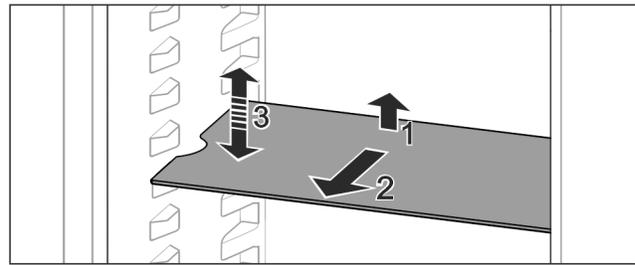


Fig. 21

► Lift the shelf and pull to the front.

▷ Side recess to shelf position.

► Reposition the shelf: Lift up or lower to the desired height and insert.

-or-

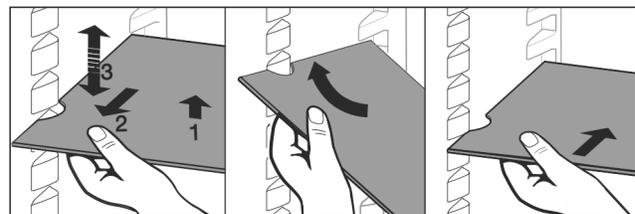


Fig. 22

► Take out the shelf completely: Pull out to the front.

► Easier removal: Set the shelf at an angle.

► Reinsert the shelf: Push it in to its stop limit.

▷ Pull-out stoppers are pointing down.

▷ Pull-out stoppers are behind the front shelf.

7.3 Split shelf*

7.3.1 Using the split shelf



CAUTION

Broken shelves!
Danger of cuts.

► Only remove storage shelves when there is nothing on them

Extension stops secure the shelves against being accidentally pulled out

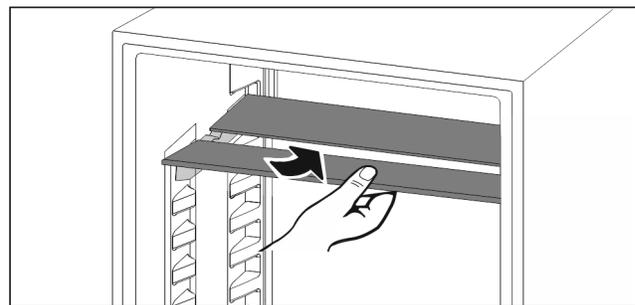


Fig. 23

► Push the split shelf underneath as in the illustration

Equipment

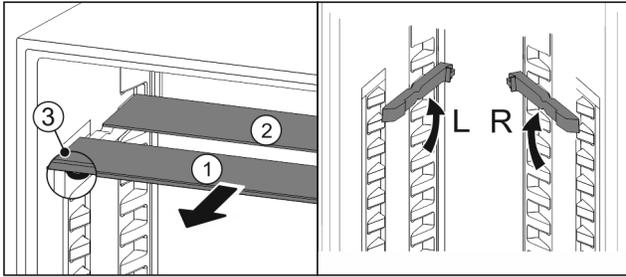


Fig. 24

Adjusting heights:

- ▶ Pull the glass panels out Fig. 24 (1) from the front, one at a time.
- ▶ Pull the support rails out of their retainers and snap into place at the height you want them.
- ▶ Slide in the glass panels one at a time.
- ▷ Flat pull-out stoppers at the front, right behind the support rail.
- ▷ Taller pull-out stoppers at the back.

Using both shelves:

- ▶ Hold the bottom glass panel with one hand and pull it to the front.
- ▷ The glass panel Fig. 24 (1) with the trim strip is at the front.
- ▷ The stops Fig. 24 (3) point downward.

7.4 VarioSafe

The VarioSafe provides space for small food, packs, tubes, and jars.

7.4.1 Using the VarioSafe

You can remove the drawer and slide it back in at two different heights. This is to accommodate taller small items in the drawer.

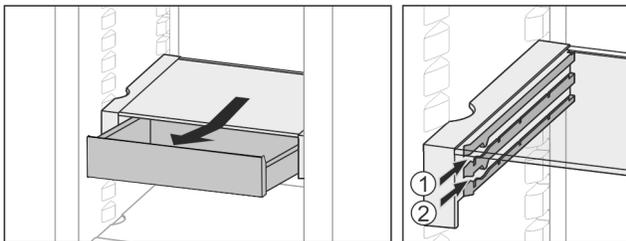


Fig. 25

- ▶ Remove the drawer.
- ▶ Slide in at any height Fig. 25 (1) or Fig. 25 (2).

7.4.2 Moving the VarioSafe

You can shift the height of the entire VarioSafe unit.

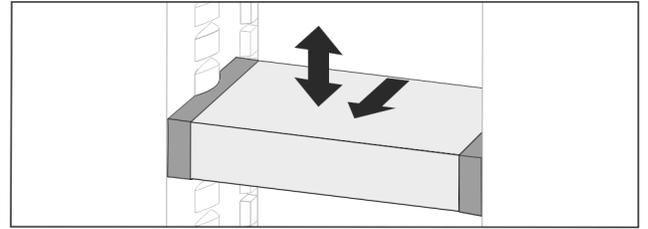


Fig. 26

- ▶ Pull to the front.
- ▷ Side recess to shelf position.
- ▶ Raise or lower to any height.
- ▶ Slide to the rear.

7.4.3 Removing the VarioSafe completely

You can remove the entire VarioSafe unit.

- ▶ Pull to the front.
- ▷ Side recess to shelf position.

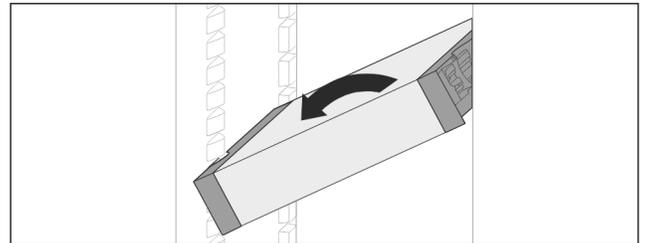


Fig. 27

- ▶ Tilt and pull to the front.

7.4.4 Disassembling the VarioSafe

The VarioSafe can be dismantled for cleaning.

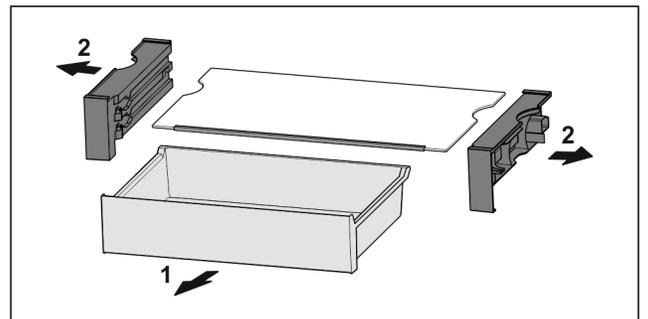


Fig. 28

- ▶ Dismantling the VarioSafe.

7.5 InfinitySpring

The built-in water dispenser provides convenient drinking water. The water temperature depends on the temperature in the fridge.

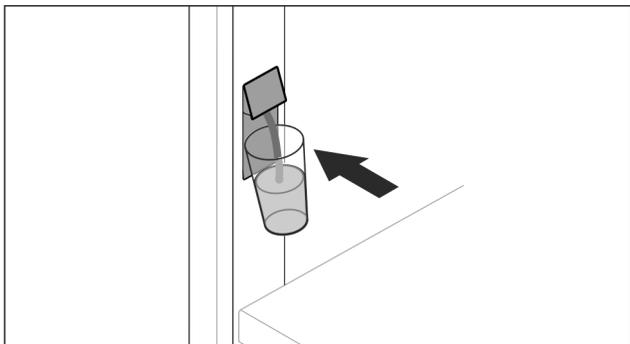


Fig. 29

- ▶ Push the glass against the button pushbutton of the dispenser.
- ▷ The outlet unit moves out: water pours into the glass.
- ▶ Avoid splashes: Remove the glass slowly.
- ▶ If dispensing larger quantities of water: If the water flow stops, remove the water tank and push your container against the button push button of the dispenser again.

7.6 Space for baking tray

There is space for a baking tray Fig. 1 (8) above the drawers.

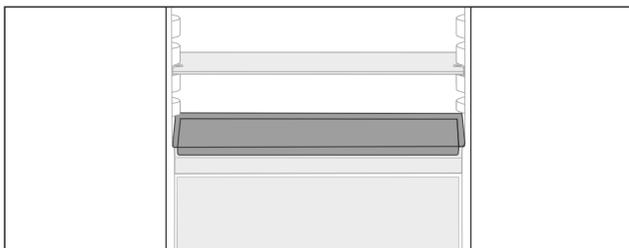


Fig. 30

Make sure that the following requirements are fulfilled

- Max. baking tray dimensions are adhered to (see 9.1 Technical specifications).
- Baking tray has cooled to room temperature.
- The bottom door stopper is set at least one position up.

When door 90° is open:

- ▶ Slide the baking tray onto the lower side runs.

-or-

If baking tray is uneven:

- ▶ Use the supplied support rails.

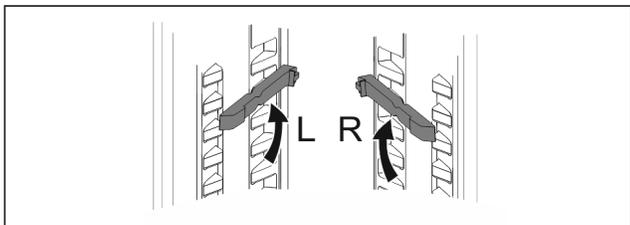


Fig. 31

- ▶ Snap support rails into the lowest runs.
- When door 90° is open:
- ▶ Slide the baking tray in on the support rails.

7.7 Variable bottle shelf

7.7.1 Using the bottle shelf

Use the variable bottle shelf or the glass panel placed on the fridge floor.

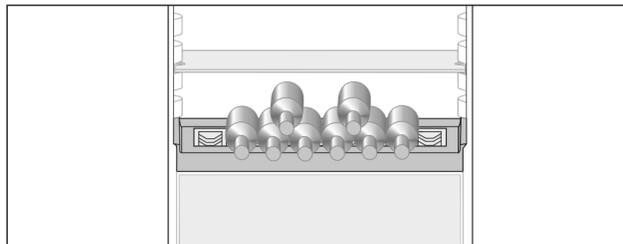


Fig. 32

- ▶ Remove the glass shelf and store separately.
- ▶ Place the bottles with the base pointing backwards facing the rear wall

Note

If the bottles protrude over the front of the bottle shelf:

- ▶ Move the bottom door rack higher up.

7.7.2 Removing the bottle shelf

You can remove the bottle shelf for cleaning.

- ▶ Remove the glass panel above the bottle shelf.

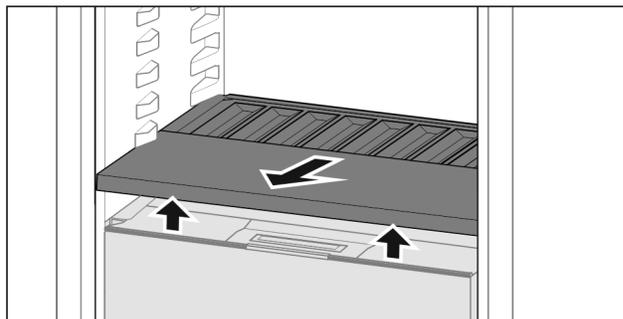


Fig. 33

- ▶ Lift the bottle shelf at the front and pull out.

Note

Liebherr recommends the following:

Do not place any goods on the drawer cover below.

Equipment

7.7.3 Inserting the bottle shelf

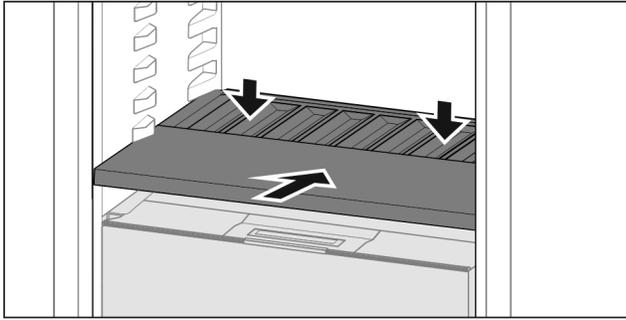


Fig. 34

- ▶ Slide in the bottle shelf until it engages and push down.
- ▷ The lugs at the back of the bottle shelf are connected automatically.
- ▷ LED lights up.

7.8 Drawers

You can remove the drawers for cleaning.

How the drawers are removed and inserted differs depending on the pull-out system. Your appliance can include a variety of pull-out systems.

Note

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

- ▶ Never obstruct the vents on the interior rear wall!

7.8.1 Remove the drawer

Drawer on telescopic rails

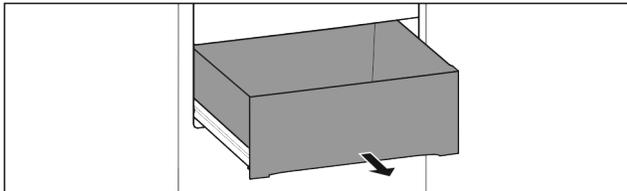


Fig. 35

Make sure that the following requirements are fulfilled:

- Drawer is completely pulled out (see Fig. 89) .

Full extension:*

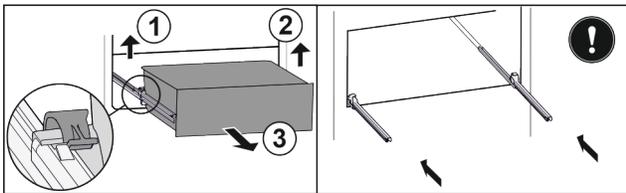


Fig. 36*

- ▶ Lift the left clamp and simultaneously pull the drawer on the left to the front Fig. 36 (1).*
- ▶ Lift the right clamp and simultaneously pull the drawer on the right to the front Fig. 36 (2).*
- ▶ Remove the drawer to the front Fig. 36 (3).*

- ▶ Slide the rails in.*

Partial pull-out fridge compartment:*

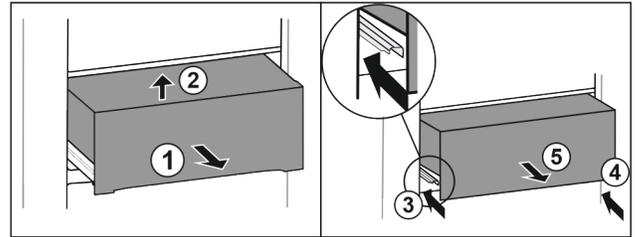


Fig. 37*

- ▶ Pull out the drawer halfway Fig. 37 (1).*
- ▶ Lift at the front Fig. 37 (2).*
- ▶ Slide in left rail Fig. 37 (3).*
- ▶ Slide in right rail Fig. 37 (4).*
- ▶ Remove the drawer to the front Fig. 37 (5).*

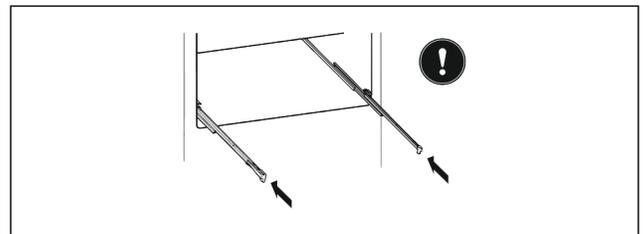


Fig. 38*

If the rails are not yet fully pushed in after removing the drawer:*

- ▶ Push the rails in completely.*

7.8.2 Inserting the drawer

Drawer on telescopic rails

Full extension:*

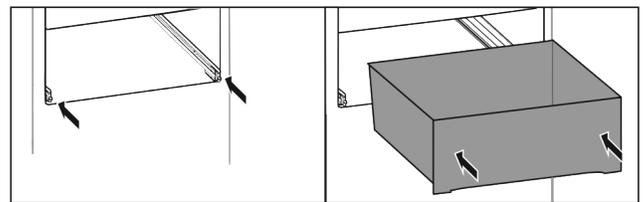


Fig. 39*

- ▶ Slide the rails in.*
- ▶ Place the drawer on the rails.*
- ▶ Push all the way back.*
- ▷ Full extension: Latches audibly in place at the back.*

Partial pull-out fridge compartment:*

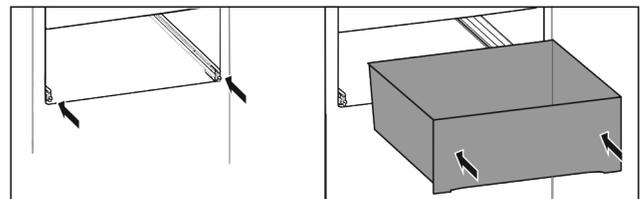


Fig. 40*

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

7.9 Fruit & Vegetable-Safe cover

The compartment lid can be removed for cleaning.

7.9.1 Removing the compartment lid

Make sure that the following requirements are fulfilled

- ❑ Bottle shelf is removed (see 7.7 Variable bottle shelf) .

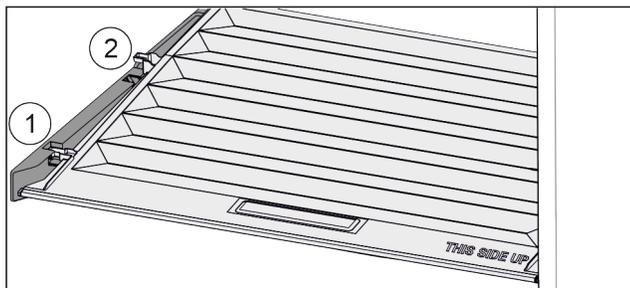


Fig. 41

If the drawers are removed:

- ▶ Pull the lid up at the front in the retaining parts to the opening Fig. 41 (1).
- ▶ Lift from the back and pull it up and out Fig. 41 (2).

7.9.2 Inserting the compartment lid

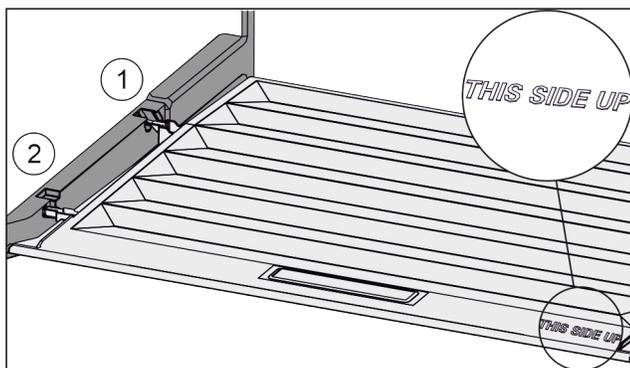


Fig. 42

If the text THIS SIDE UP is on top:

- ▶ Insert the lip of the cover over the opening of the rear bracket Fig. 42 (1) and click into place Fig. 42 (2).
- ▶ Position the cover where you want it (see 7.10 Humidity control) .

7.10 Humidity control

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

The compartment cover is on the drawer itself and can be covered with shelves or additional drawers.

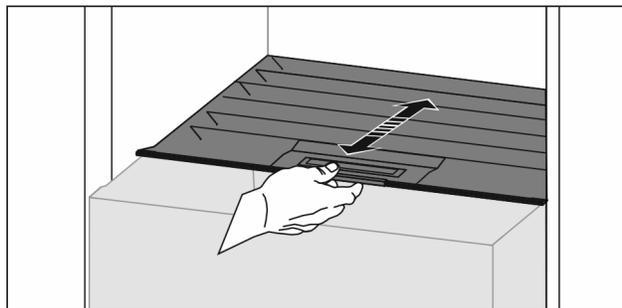


Fig. 43

Low air humidity

- ▶ Open the drawer.
- ▶ Pull the drawer cover to the front.
- ▷ If the drawer is closed: Gap between lid and compartment.
- ▷ Moisture levels lower in the Safe.

High air moisture:

- ▶ Open the drawer.
 - ▶ Slide the compartment cover to the back.
 - ▷ If the drawer is closed: The cover seals the compartment.
 - ▷ Moisture levels rise in the Safe.
- If there is too much moisture in the compartment:

- ▶ Choose a "low moisture setting".

-or-

- ▶ Remove the moisture with a cloth.

Note

With the "low humidity" setting, the Fruit & Vegetable-Safe can also be used as a Meat & Dairy-Safe.

- ▶ Choose a "low moisture" setting.

Maintenance

7.11 Accessories

7.11.1 Butter dish

Opening/closing the butter dish

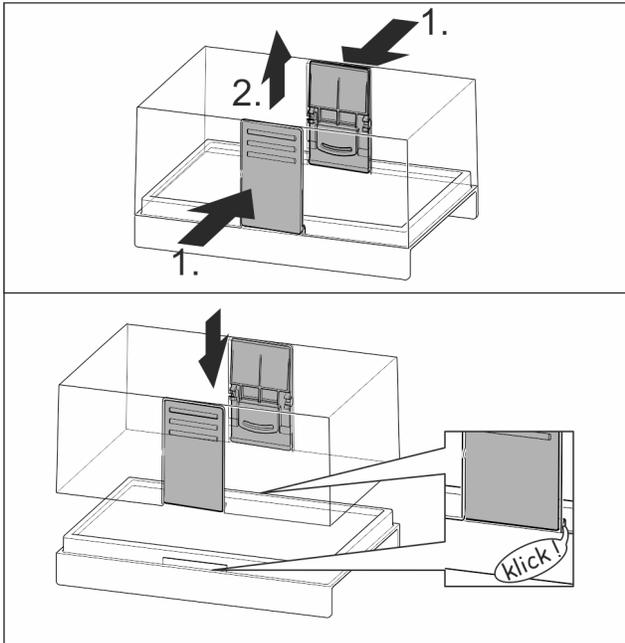


Fig. 44

Dismantling the butter dish

You can disassemble the butter dish for cleaning.

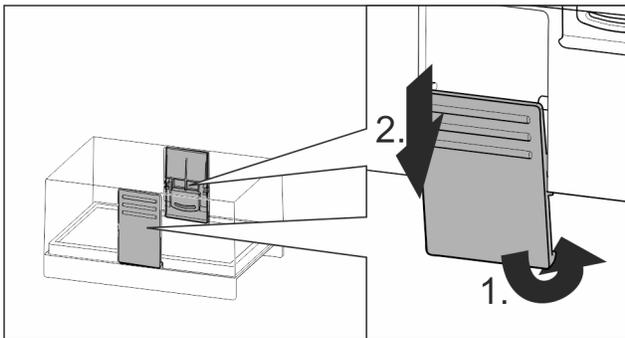


Fig. 45

- ▶ Disassemble the butter dish.

7.11.2 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

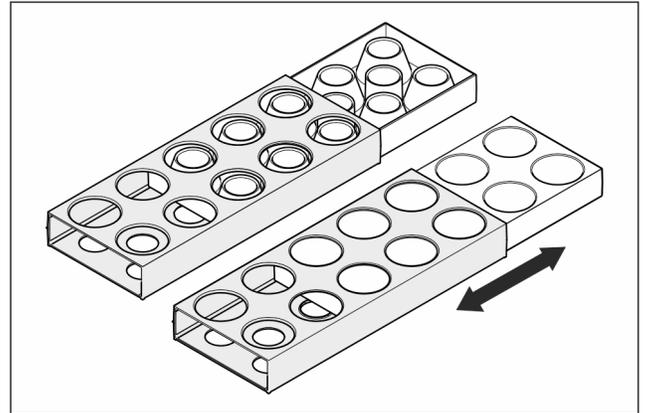


Fig. 46

- ▶ Top section: store hen eggs.
- ▶ Bottom section: store quail eggs.

7.11.3 Bottle rack

Using the bottle rack

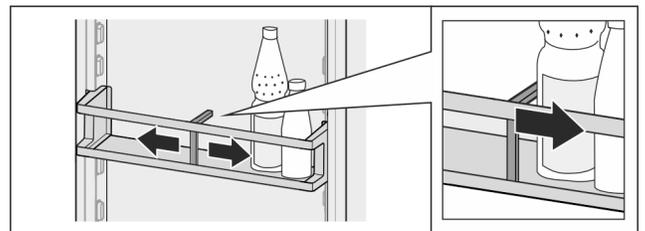


Fig. 47

- ▶ Slide the bottle rack at the edges.
- ▷ Stops bottles from tipping over.

Removing the bottle rack

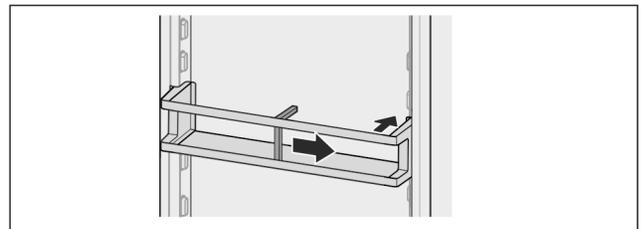


Fig. 48

- ▶ Slide the bottle rack all the way to the right edge.
- ▶ Remove to the back.

8 Maintenance

8.1 FreshAir carbon filter

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

It guarantees the best air quality.

- Change the carbon filter every 6 months.

With an active *Reminder*, a change prompt appears in the display.

- You can dispose of the carbon filter with the regular household waste.

Note

The FreshAir carbon filter is available for purchase from the [Liebherr home appliance store](http://home.liebherr.com) (home.liebherr.com).

8.1.1 Removing the FreshAir carbon filter

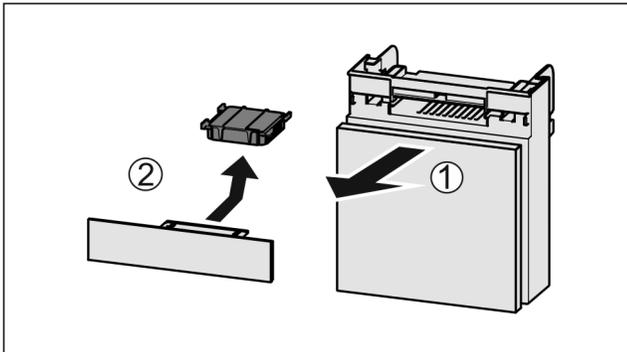


Fig. 49

- ▶ Pull out the compartment Fig. 49 (1).
- ▶ Remove the carbon filter Fig. 49 (2).

8.1.2 Inserting the FreshAir carbon filter

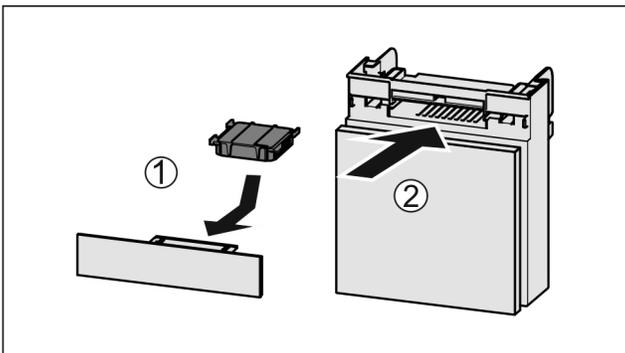


Fig. 50

- ▶ Insert the carbon filter as shown in the diagram Fig. 50 (1).
- ▷ The carbon filter clicks into place.
- ▶ Push the compartment in Fig. 50 (2).
- ▷ The carbon filter is now ready for use.

8.2 Water tank

The InfinitySpring water tank is located behind the lowest drawer.

8.2.1 Removing the water tank

- ▶ Turn off the water tap.
- ▶ Run the InfinitySpring for 30 seconds and collect the remaining water in a glass.
- ▶ Remove the drawer.
- ▶ Turn the water tank all the way to the left and pull it out.

- ▷ Water dripping out is collected in the drip tray.
- ▶ Drain the water from the drip tray.
- ▶ Clean the drip tray with a cloth or in the dishwasher.

8.2.2 Inserting the water tank

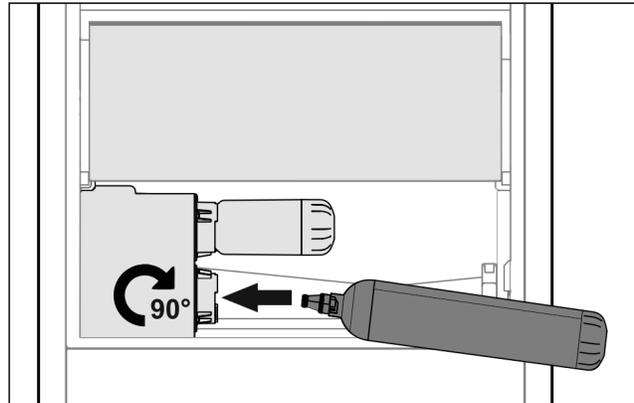


Fig. 51

- ▶ Remove the drawer.
- ▶ Insert the water tank and turn approx. 90° to the right until it engages.
- ▶ Check that the water tank is sealed and no water leaks out.
- ▶ Insert the drawer.
- ▶ Turn on the water tap.
- ▶ Vent the water system (see Installation Instructions, Water Connection)

Instead of the water filter, you can use an additional water tank.

Note

The water tank is available as a spare part.

8.2.3 Removing / inserting the drip tray

You can remove the drip tray for cleaning.

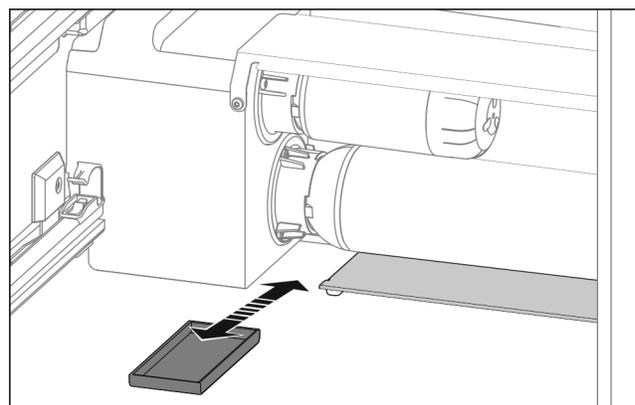


Fig. 52

- ▶ Pull out the drip tray to the front.

8.3 Water filter

The water filter is located behind the lowest drawer.

Maintenance

It absorbs deposits in the water and reduces the taste of chlorine.

- ❑ Replace the water filter at least every 6 months under the specified usage conditions or if the flow rate drops significantly.
- ❑ The water filter contains carbon and can be disposed of with the regular household waste.

Note

You can purchase the water filter from the [Liebherr household appliance store](http://home.liebherr.com) (home.liebherr.com).

8.3.1 Removing the water filter

- ▶ Remove the drawer.
- ▶ Turn the water filter all the way counterclockwise and pull it out.
- ▷ Water dripping out is collected in the drip tray.
- ▶ Clean the drip tray with a cloth or in the dishwasher.

8.3.2 Installing the water filter

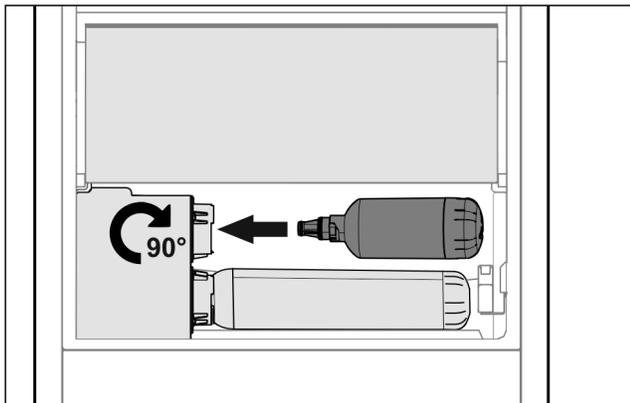


Fig. 53

Make sure that the following conditions are fulfilled

- ❑ Water pressure is maintained (see Installation Instructions, Water Connection).
- ▶ Remove the drawer.
- ▶ Insert the water filter and turn clockwise approx. 90° until it engages.
- ▶ Make sure the filter does not leak and no water is coming out.
- ▶ Insert the drawer.



CAUTION

New water filters may contain particulate matter.

- ▶ Dispense 101.44 fl oz (3 l) of water through the Infinity-Spring and pour away.
- ▷ The water filter is now ready for use.

8.4 Defrosting the appliance



WARNING

Appliance incorrectly defrosted!
Injuries and damage.

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

Defrosting is performed automatically. The water from the thawing process runs out via the drain opening and is evaporated.

- ▶ Clean the drain opening regularly (see 8.5 Cleaning the appliance).

8.5 Cleaning the appliance

8.5.1 Preparation



WARNING

Danger of electric shock.

- ▶ Unplug refrigerator or disconnect power.



WARNING

Danger of fire

- ▶ Do not damage the refrigerant circuit.

- ▶ Empty appliance.

8.5.2 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 (12): Remove any deposits with a thin item such as a cotton bud.

8.5.3 Cleaning the equipment

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 a little washing up liquid:

- VarioSafe
- Fruit & Vegetable-Safe cover
- Drawer
- Variable bottle shelf
- FlexSystem*

Clean with a damp cloth:

- Retracting rails
- Please note: the grease in the tracks is there for lubrication purposes and must not be removed!

Clean in the dishwasher up to 140 °F (60 °C):

- Door racks
 - VarioBox
 - Bottle rack
 - Shelf
 - Split shelf*
 - Holder for the split shelf
 - Drip tray
 - Egg rack
 - Butter dish
- ▶ Disassemble the equipment: see the relevant section.
▶ Clean the equipment.

8.5.4 Cleaning the InfinitySpring

You can clean the InfinitySpring outlet and around it without disconnecting the appliance from the mains.

We recommend cleaning in the following situations:

- Initial commissioning
 - If out of use for longer than 5 days.
- ▶ Press the bottom pushbutton of the dispenser.
▷ The outlet unit moves out.
▶ Clean the water outlet and around it with a soft, damp cloth, lukewarm water and a little washing up liquid.
▶ Release the bottom pushbutton.
▶ Dispense 67.63 fl oz (2 l) of water through the InfinitySpring and pour away.*

8.5.5 After cleaning

- ▶ Wipe dry the appliance and items of equipment
- ▶ Connect and switch on the appliance.
When the temperature is sufficiently cold
- ▶ Place the food inside.
- ▶ Repeat cleaning regularly.

9 Customer support

9.1 Technical specifications

Temperature zone	
Cool:	36 °F to 46 °F
BioFresh	32 °F (0 °C) to 38 °F (3 °C)

Max. door capacity	
Appliance height (see Installation Guide, Appliance Dimensions)	Door
40-1/4 (1022 mm)	" 17.64 lbs (8 kg)
47-15/16 (1218 mm)	" 30.86 lbs (14 kg)
54-15/16 (1395 mm)	" 30.86 lbs (14 kg)
61-7/8 (1572 mm)	" 39.68 lbs (18 kg)
69-11/16 (1770 mm)	" 39.68 lbs (18 kg)

Max. size baking tray	
Width	18-3/8 " (466 mm)
Depth	15-3/16 " (386 mm)
Height	1-15/16 " (50 mm)

Lighting	
Energy efficiency class ¹	Light source
This product contains an energy efficiency class G light source	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 noises while in operation.

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

Examples:

- Activated functions (see 6.3 Functions)
- Running fan
- Freshly sorted food

Customer support

- High ambient temperature
- Door opened for long periods

Noise	Possible cause	Type of noise
Bubbling and splashing	Coolant is flowing into the cooling circuit.	Normal noise
Spitting and hissing	Coolant is spraying into the cooling circuit.	Normal noise
Humming	The appliance cools. The volume depends on the cooling output.	Normal noise
Sipping noises	The self-closing door is being opened and closed.	Normal noise
Whirring and murmuring	The fan is running.	Normal operating noise
Clicking	Components are being switched on/off	Normal switching noise
Rattling humming or	Valves are active.	Normal switching noise

Noise	Possible cause	Type of noise	How to resolve
Vibration	Unsuitable installation.	Error noise	Check installation. Set up the appliance.
Clattering	Equipment, Objects inside the appliance	Error noise	Secure equipment parts. Leave a gap between items.

9.3 Technical faults

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

You may be able to rectify the following faults yourself.

9.3.1 Appliance function

Defect	Cause	Remedy
The appliance does not work.	The appliance is not switched on.	▶ Switch on the appliance.
	The power plug is not properly inserted in the wall socket.	▶ Check the power plug.
	The powerfuse in the wall socket is not OK.	▶ Check the fuse.
	Power failure.	▶ Keep the appliance closed. ▶ Protect your food: Lay freezer packs on top of the food or use another freezer if the power is off for a prolonged period. ▶ Do not re-freeze defrosted food.
	The appliance connector is not correctly inserted in the appliance.	▶ Check the appliance connector.
The temperature is not cold enough	This means that the door of the appliance is not closed properly	▶ Close the appliance door
	Insufficient ventilation	▶ Clear and clean the ventilation grille.
	The ambient temperature is too high	▶ Solution: (see 1.4 Range of appliance use) .
	The appliance was opened too frequently or for too long	▶ Wait to see whether the required temperature resets itself by itself. If not, contact Customer Service (see 9.4 Customer service) .
	The temperature is incorrectly set	▶ Set to a colder temperature and check after 24 hours.

Defect	Cause	Remedy
	The appliance is too near to a heat source (stove, heater etc).	► Change location of appliance or the heat source.
	The appliance was not properly installed in the recess.	► Make sure the appliance was installed correctly and the door closes properly.
The door seal is defective or should be replaced for other reasons.	The door seal is interchangeable. You can replace it without the use of any special tools.	► Contact Customer Service (see 9.4 Customer service) .
The appliance is iced up or condensation is building.	The door seal may have slipped out of its groove.	► Check the door seal is well placed in the groove.

9.3.2 Equipment

Defect	Cause	Remedy
The Infinity-Spring is not working.	There is air in the system.	► Vent the water system (see Installation Instructions, Water Connection).
	The water connection is not open	► Open the water connection
The water flow at the Infinity-Spring is irregular.	The aerator is not clean.	► Replace the aerator. Contact Customer Service (see 9.4 Customer service) .
The interior light does not turn on.	The appliance is not switched on.	► Switch on the appliance.
	The door was open for longer than 15 min.	► The interior light automatically switches itself off if the door stays open for approx. 15 min.
	The LED interior light is faulty or the cover is damaged:	 WARNING Risk of injury from electrical shock. Live parts are under the cover. ► The LED interior light should only be replaced or repaired by the Customer Service department or by engineers trained to do so.

9.4 Customer service

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

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



WARNING

Unprofessional repair!
Injuries.

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

Decommissioning

9.4.1 Contact Customer Service

Make sure to have the following appliance information to hand:

- Appliance name (model and index)
- Service no. (service)
- Serial no. (S no.)
- ▶ Showing appliance info on the display (see Info) .
- or-
- ▶ Referring to appliance info on the nameplate (see 9.5 Rating plate) .
- ▶ Take note of the appliance information.
- ▶ Inform Customer Service: Tell us the problem and the appliance details.
- ▷ This will help us give you fast and accurate support.
- ▶ Further instructions from customer service will follow.

9.5 Rating plate

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

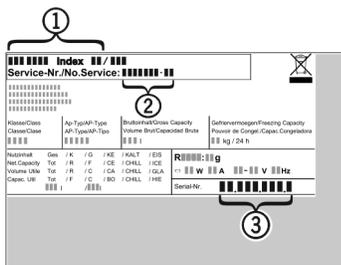


Fig. 54

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

- ▶ Information from the nameplate.

10 Decommissioning

- ▶ Empty appliance.
- ▶ Switch off the appliance (see 6.4 Settings) .
- ▶ Pull out the power plug.
- ▶ Remove the appliance connector if necessary: Pull it out and, at the same time, move it from the left to the right.
- ▶ Clean the appliance (see 8.5 Cleaning the appliance) .
- ▶ Leave the door open to prevent bad smells

11 Disposing of the appliance

Follow the local regulations for the disposal of appliances. Old appliances can be dangerous. Contact the local refuse collection department for additional information.



WARNING

Risk of child entrapment!

Before you throw away your old refrigerator or freezer:

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



WARNING

Electrical connection during disposal!

Electric shock.

- ▶ Disconnect the power plug.
- ▶ Cut off the plug from the mains cable and discard.
- ▶ Disconnect the mains cable from the discarded appliance. Dispose of separately from the appliance

Ensure during and after disposal that the appliance isn't stored in the vicinity of gasoline or other flammable vapors and liquids.



WARNING

Leaking refrigerant and oil!

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

- ▶ Do not damage the pipelines of the coolant circuit and the compressor.

When disposing of the appliance, ensure that the refrigeration circuit is not damaged to prevent uncontrolled escape of the refrigerant it contains (data on type plate) and oil.



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EN Built-in refrigerator with BioFresh

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For Service in the U.S.: Liebherr Service Center
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