



## User Guide

Quality, Design and Innovation



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



# LIEBHERR

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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 for action are marked with a ►, the results of action are marked with a ►.**

This User Guide applies to:

- ICBNd 5153
- ICBNd 5163
- ICBNdi 5183
- ICBb 5152
- ICBdi 5182

### Note

If your appliance has an N in its name, it is a NoFrost appliance.\*

## 1 The appliance at a glance

### 1.1 Delivered contents

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

Delivery contains the following parts:

- Integrated appliance
- Equipment (depending on your model)
- Installation parts (depending on your model)
- "Quick Start Guide"
- "Installation Guide"
- Service brochure

## 1.2 Overview of the appliance and its equipment

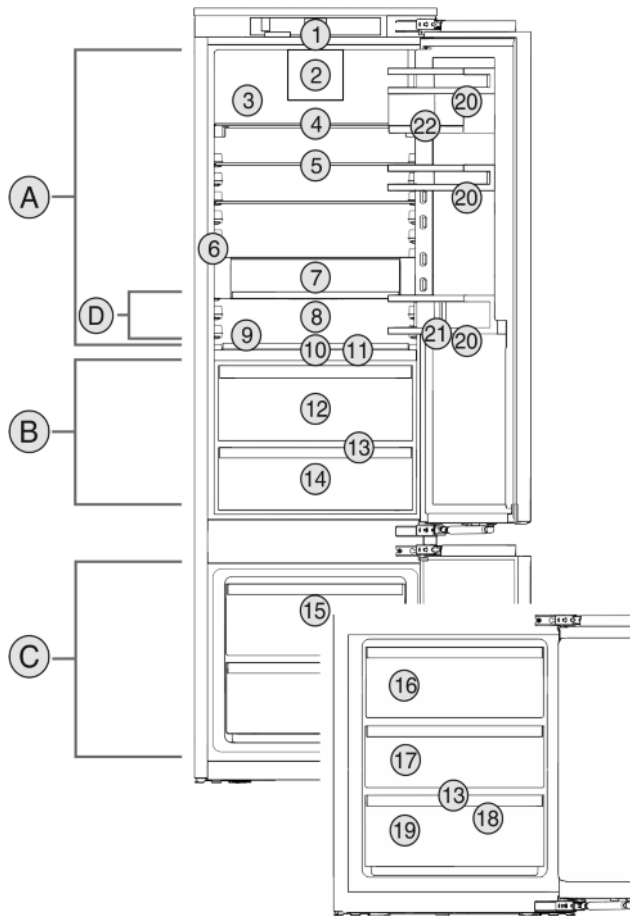


Fig. 1 Exemplary illustration

Temperature zone	
(A) Fridge	(C) Freezer
(B) BioFresh	
(D) Coldest zone	
Equipment	
(1) Controls	(12) Fruit & Vegetable-Safe
(2) Fan with FreshAir active carbon filter	(13) Drainage outlet
(3) Stainless steel rear wall	(14) Meat & Dairy-Safe
(4) Split shelf	(15) Freezer compartment
(5) Shelf	(16) IceMaker*
(6) InfinitySpring*	(17) VarioSpace
(7) VarioSafe*	(18) Freezer tray*
(8) Space for baking tray	(19) Rating plate
(9) Variable bottle shelf	(20) Door racks
(10) HydroBreeze*	(21) Bottle rack
(11) Fruit & Vegetable-Safe cover	(22) VarioBoxes

### Note

- The default arrangement of the shelves, drawers, and baskets is best for energy efficiency.

## 1.3 Range of appliance use

### Normal use

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

- in staff kitchens, bed and breakfasts,

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

All other types of uses are not permitted.

### Foreseeable misuse

The following uses are specifically prohibited:

- Storage and cooling of medication, blood plasma, laboratory preparations or similar substances and products in accordance with the Medical Device Directive 2007/47/EC
- Use in areas at risk of explosion

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

### Climate ratings

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

### Note

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

Climate rating	for ambient temperatures from
SN	10 °C to 32 °C
N	16 °C to 32 °C
ST	16 °C to 38 °C
T	16 °C to 43 °C

## 1.4 Conformity

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

The BioFresh compartment meets the requirements of a cold storage compartment as set out in DIN EN 62552:2020.

## 1.5 Product information

Product information is enclosed with the device in accordance with (EU) Ordinance 2017/1369. The complete product information sheet is available on the Liebherr website in the download area.

## 1.6 EPREL Database

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

# 2 General safety instructions

### Dangers for the user:

- This appliance can be operated by children as well as by persons with reduced physical,

# General safety instructions

sensory or mental capabilities or lack of experience and knowledge if they are supervised or have been instructed in the safe use of the appliance and understand the associated risks. Children must not play with the appliance. Cleaning and user maintenance must not be performed by children unless they are supervised. Children between the ages of 3 and 8 may load and unload the appliance. Children under the age of 3 must be kept away from the appliance if they are not constantly supervised.

- When disconnecting the appliance from the outlet, always take hold of the plug. Do not pull on the cable.
- Disconnect the power plug or switch off the power if a fault occurs.
- Do not damage the mains power line. Do not operate the appliance from a defective mains power line.
- Repairs and operations on the appliance may only be carried out by the customer service department or other specifically trained specialist engineers.
- Only install, connect and dispose of the appliance in accordance with the instructions.
- Only operate the appliance after it has been installed.
- Please keep the instructions and pass them on to any future owner.
- The manufacturer is not liable for damage arising from incorrect connection to the water supply.\*

## Risk of fire:

- The refrigerant contained within the appliance (specifications on the rating plate) is environmentally friendly, but flammable. Leaking refrigerant can ignite.
  - Do not damage the pipes of the refrigerant circuit.
  - Do not handle ignition sources inside the appliance.
  - Do not use electrical devices inside the appliance (e.g. steam cleaners, heaters, ice cream makers, etc.).
  - If refrigerant leaks: Remove naked flames or ignition sources located near the area of the leak. Air the room well. Contact the customer service department.
- Do not store explosive materials or spray cans with flammable propellants, such as e.g. butane, propane, pentane, etc. in the appliance. You can recognize such spray cans by the printed contents or a flame symbol. Any

leaking gasses can be ignited by electrical components.

- Alcoholic beverages or other containers holding alcohol must always be tightly sealed for storage purposes. Any leaking alcohol can be ignited by electrical components

## Tipover hazard:

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

## Risk of food poisoning:

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

## Danger of frostbite, feelings of numbness and pain:

- Avoid continued skin contact with cold surfaces or chilled/frozen food or adopt protective measures.

## Risk of injury and damage:

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

## Risk of crushing:

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

## Risk of damage to the slate front:

- Do not stick any stickers on the front.

## Symbols on the device:



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




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



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

## Follow the specific instructions in the other sections:

	DANGER	indicates a hazardous situation, which if not avoided, will result in death or serious injury.
	WARNING	indicates a hazardous situation, which if not avoided, could result in death or serious injury.

	CAUTION	indicates a hazardous situation, which if not avoided, will result in minor or moderate injury.
	NOTICE	indicates a hazardous situation, which if not avoided, could result in damage to property.
	Note	indicates useful advice and tips

## 3 Start-up

### 3.1 Turning on the appliance

Make sure that the following requirements are met:

- ☐ Appliance is 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 leaflets are removed from the drawers.
- Turning on the appliance



Fig. 2

- After turning on the appliance, select the language.

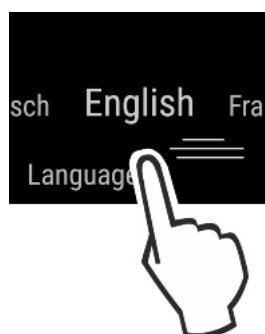


Fig. 3

- The status screen appears.
- If DemoMode appears along with the blue screen after the appliance is switched on, you can disable DemoMode within the next 5 minutes.

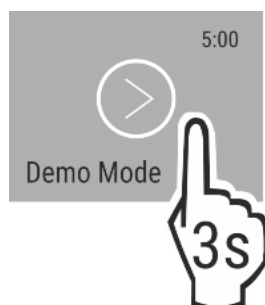


Fig. 4

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

#### Note

The manufacturer recommends:

- Storing food: wait around 2 hours for the appliance to reach the set temperatures.
- Store frozen produce at -18 °C or lower.

### 3.2 Insert the equipment

- Insert the supplied equipment to help you make the most of the appliance.
- Purchase the SmartDevice Box and insert it (see <https://smartdevice.liebherr.com/install>).
- 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).

#### Note

You can purchase accessories from the [Liebherr household appliance store](https://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.

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 (D) 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.

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

If the temperature drops below 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.

# Food management

## 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.



## 4.1.3 Freezer

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

### Freezing food

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

To ensure that the food freezes quickly to the core, keep to the following quantities per pack:

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

Before freezing, please note the following:

- ☐ Appliances without NoFrost:\*  
SuperFrost is activated (see 6.3 Functions) when the amount of food to freeze exceeds approx. 1 kg.\*
- ☐ Appliances with NoFrost:\*  
SuperFrost is activated (see 6.3 Functions) when the amount of food to freeze exceeds approx. 2 kg.\*
- ☐ With a small volume of frozen goods: SuperFrost is activated approx. 6 hours prior.
- ☐ With the maximum volume of frozen goods: SuperFrost is activated approx. 24 hours prior.

### Arranging the food:



### CAUTION

There is a risk of injury from pieces of broken glass! Bottles and cans containing drinks can split or crack when frozen. This applies in particular to carbonated drinks.

- Do not freeze bottles and cans containing drinks

### Appliances with NoFrost:\*

- With a small volume of frozen goods:\*
- Place sealed food in the top drawers.\*
- With the maximum volume of frozen goods:\*
- Remove the top drawers and place sealed food on the top shelves.\*

### Appliances without NoFrost:\*

- With a small volume of frozen goods:\*
- Place sealed food in the bottom drawers.\*
- With the maximum volume of frozen goods:\*
- Remove the bottom drawer and place sealed food into the appliance, so they are in contact with the floor or side walls.\*

For all appliances:\*

With the maximum capacity of frozen goods:

- Once SuperFrost activates automatically, place food into the drawer.

### Defrosting food

- in the fridge compartment
- in the microwave
- in the oven/fan oven
- at room temperature



### WARNING

Danger of food poisoning!

- Do not re-freeze defrosted food.

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

### Freezer tray\*

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

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

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

## 4.2 Storage times

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/landingpage/apps-emea.html>.

Guideline storage times for the Meat & Dairy-Safe		
Butter	at 1 °C	up to 90 days
Hard cheese	at 1 °C	up to 110 days
Milk	at 1 °C	up to 12 days
Sausage, cold cuts	at 1 °C	up to 8 days
Poultry	at 1 °C	up to 6 days
Pork	at 1 °C	up to 6 days
Beef	at 1 °C	up to 6 days
Game	at 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 1 °C	up to 14 days
Celery	at 1 °C	up to 28 days



Guideline storage times for the Fruit & Vegetable-Safe		
Cauliflower	at 1 °C	up to 21 days
Broccoli	at 1 °C	up to 13 days
Endives	at 1 °C	up to 27 days
Mâche	at 1 °C	up to 19 days
Peas	at 1 °C	up to 14 days
Kale	at 1 °C	up to 14 days
Carrots	at 1 °C	up to 80 days
Garlic	at 1 °C	up to 160 days
Cabbage turnip	at 1 °C	up to 14 days
Iceberg lettuce	at 1 °C	up to 13 days
Herbs	at 1 °C	up to 13 days
Leeks	at 1 °C	up to 29 days
Mushrooms	at 1 °C	up to 7 days
Radishes	at 1 °C	up to 10 days
Brussels sprouts	at 1 °C	up to 20 days
Asparagus	at 1 °C	up to 18 days
Spinach	at 1 °C	up to 13 days
Savoy cabbage	at 1 °C	up to 20 days
<b>Fruit</b>		
Apricots	at 1 °C	up to 13 days
Apples	at 1 °C	up to 80 days
Pears	at 1 °C	up to 55 days
Blackberries	at 1 °C	up to 3 days
Dates	at 1 °C	up to 180 days
Strawberries	at 1 °C	up to 7 days
Figs	at 1 °C	up to 7 days
Blueberries	at 1 °C	up to 9 days
Raspberries	at 1 °C	up to 3 days
Red currants	at 1 °C	up to 7 days
Cherries, sweet	at 1 °C	up to 14 days
Kiwi	at 1 °C	up to 80 days
Peaches	at 1 °C	up to 13 days
Plums	at 1 °C	up to 20 days
Cranberries	at 1 °C	up to 60 days
Rhubarb	at 1 °C	up to 13 days
Gooseberries	at 1 °C	up to 13 days
Grapes	at 1 °C	up to 29 days

## 4.2.3 Freezer

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

Guidelines for storage periods for various foods		
Fish, lean	at -18 °C	6 to 8 months
Cheese	at -18 °C	2 to 6 months
Poultry, beef	at -18 °C	6 to 12 months
Vegetables, fruit	at -18 °C	6 to 12 months

## 5 Energy saving

- Always ensure good ventilation. Do not obstruct ventilation openings or grilles.
- Never block air slits in the fan.
- Do not install the appliance in direct sunlight or next to a stove, heater or similar heat source.
- Energy consumption depends on installation conditions such as the ambient temperature (see 1.3 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](http://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.
- Defrost frozen food in the fridge
- If there is a thick layer of frost in the appliance Defrost the appliance.\*
- For longer periods of absence, use 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

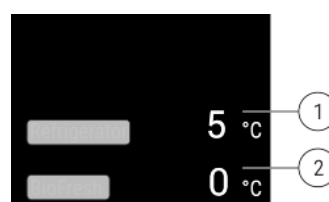


Fig. 5

(1) Fridge compartment temperature display

(2) BioFresh temperature display

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

#### 6.1.2 Navigation

Navigate in the menu to 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.






Select . 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






The display symbols provide information about the current appliance status.



Symbol	Appliance status
	<b>Standby</b> The appliance or temperature zone is turned off.
	<b>Flashing number</b> Appliance is working. Temperature flashes until the set temperature is reached.
	
	<b>Flashing symbol</b> 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*
	SuperFrost*
	IceMaker and MaxIce**
	PartyMode*
	HolidayMode



Symbol	Function
	EnergySaver
	HydroBreeze*

\* 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 the function value

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

Symbol	Function
	<b>Cool:</b> Setting the temperature Turn on/off the temperature zone
	<b>Freeze:</b> 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.
- Swipe on the display to select the setting value.

#### 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 <sup>1</sup>
	Entry lock <sup>2</sup>
	SabbathMode <sup>2</sup>
	Cleaning Mode* <sup>2</sup>
	Reminders <sup>1</sup>
	Reset <sup>2</sup>



Symbol	Setting
	Switch off <sup>2</sup>

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

#### <sup>1</sup> Activate setting (short press)



- ▶ Confirm with a short tap
- ▷ You hear the confirmation tone.
- ▷ Status appears in the menu.
- ▷ Setting is on/off.

#### <sup>2</sup> 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
	Language

- ▶ Swipe left in the display until Settings appears.
- ▶ Confirm settings by tapping.
- ▶ Swipe until you can see the setting you want.
- ▶ Confirm with a short tap
- ▶ Swipe in the display to select the setting value you want.
- ▶ Confirm with a short tap
- ▷ 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 <sup>1</sup>
	D-Value <sup>1</sup>
	Defrost <sup>2*</sup>
	TubeClean <sup>2*</sup>
	Ice cubes <sup>1*</sup>

- ▶ Swipe left in the display until Settings  appears.
- ▶ Confirm settings by tapping.
- ▶ Swipe until About Appliance  appears.
- ▶ Confirm with a short tap
- ▶ Call up the customer menu: Enter the code 151.

- ▶ Swipe in the customer menu until you can see the setting you want.

#### <sup>1</sup> Select the setting value

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

#### <sup>2</sup> Activate setting




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

## 6.3 Functions

### 6.3.1 Setting the 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
 5 °C Fridge	5 °C
 B5 BioFresh	B5
 -18 °C Freezer	-18 °C

#### Setting the temperature

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

#### Switching off the temperature zone

The fridge section can be switched off separately.

When the freezer is switched off, all temperature zones are switched off.

- ▶ Switching off the IceMaker \*
- ▶ Set the level (see 6.2 Operating logic) .

- ▷  appears.

#### 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.



## SuperFrost

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

This function is relevant to the freezer section *Fig. 1 (C)*.

Use:

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

### Activating/deactivating settings

With a small volume of frozen goods:

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

-or-

- ▶ Activate/deactivate 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*
- *IceMaker* and *MaxIce*
- *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.
- ▷ Off: Preset 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 is increased to 15 °C.

The set freezer temperature remains unchanged.

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

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: preset temperature is restored.



## EnergySaver

This function is designed to reduce energy consumption. Higher temperatures are preset for all temperature zones, which means the appliance has to cool less frequently.

Temperature of the fridge section: 7 °C

Temperature of the freezer section: -16 °C

Use:

- Save energy.

### Activating/deactivating settings

- ▶ Activating/deactivating (see 6.2 Operating logic) .
- ▷ On: Higher temperatures are preset for all temperature areas.
- ▷ Off: Preset temperatures are restored.



## HydroBreeze\*

HydroBreeze creates a fine mist in the drawer every 90 minutes for 4 seconds when the door is closed. This function is also activated when you open the door. The function is not activated when the appliance is delivered.

Use:

- Storage of unpackaged salad, vegetables, and fruit with high moisture content.

The following settings are possible:

- 1  
Operating time when door is opened: 4 seconds
- 2  
Operating time when door is opened: 6 seconds
- 3  
Operating time when door is opened: 8 seconds
- Off  
HydroBreeze is off.

### Activating/deactivating settings

- ▶ Activating/deactivating (see 6.2 Operating logic) .
- or-
- ▶ Activating/deactivating in the [Liebherr SmartDevice-App](#).\*



## IceMaker\*

Use IceMaker to generate ice cubes automatically. You can set the quantity and size

Use:

- Customize your ice cubes.

### Activating/deactivating settings

- ▶ Activating/deactivating (see 6.2 Operating logic) .
- or-
- ▶ Activating/deactivating in the [Liebherr SmartDevice-App](#).\*



## MaxIce\*

MaxIce produces approx. 1.5 kg of ice cubes very quickly.

Use:

- When activating the IceMaker, you can choose between normal mode and MaxIce.

### Activating/deactivating settings

- ▶ Activating/deactivating (see 6.2 Operating logic) .
- or-
- ▶ Activating/deactivating in the [Liebherr SmartDevice-App](#).\*

## 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
- Ukrainian
- Chinese

### Activating/deactivating settings

- Activating/deactivating (see 6.2 Operating logic) .



### Setting up the WLAN connection

This setting allows you to connect the appliance to the internet. The connection is managed with the SmartDevice Box. The appliance can then be integrated via the SmartDevice-App into a SmartHome-System. The SmartDevice-App and other compatible EcoSystems also allow you to use advanced options and settings.

#### Note

The SmartDevice Box is available from the [Liebherr home appliance store \(home.liebherr.com\)](https://home.liebherr.com).

More information about availability, requirements, and the individual options can be found online at [smartdevice.liebherr.com](https://smartdevice.liebherr.com).

Use:

- Use the appliance via the SmartDevice-App or compatible EcoSystems.
- Use advanced functions and settings.
- Check the appliance status on the SmartDevice-App.

- ☐ Purchase the SmartDevice Box and insert it (see <https://smartdevice.liebherr.com/install>).\*
- ☐ Install the SmartDevice app (see <https://apps.home.liebherr.com/>).

### Setting up the WLAN connection

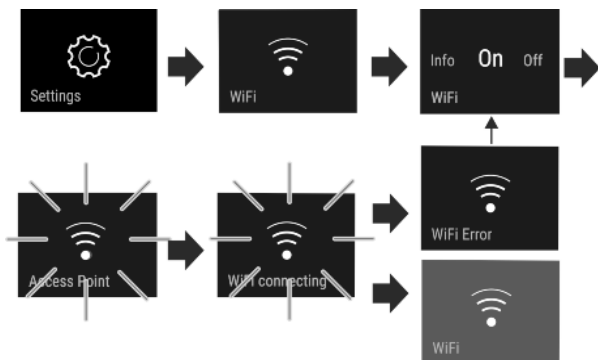


Fig. 7

- Activate (see 6.2 Operating logic) .
- ▷ The connection is set up: Connecting appears. The symbol flashes.
- ▷ The connection failed: WiFi Error appears.

### Disconnecting

- Deactivate the setting (see 6.2 Operating logic) .

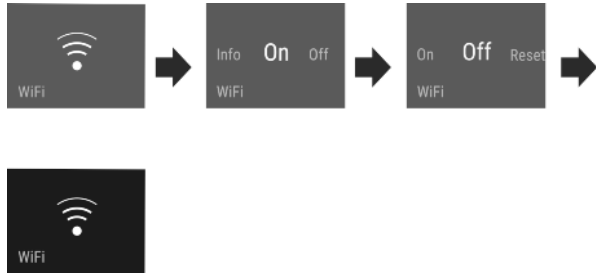


Fig. 8



No connection: The symbol appears permanently

### Restoring the connection

- Restore settings (see 6.2 Operating logic)

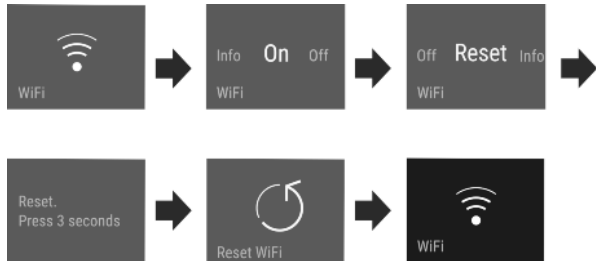


Fig. 9



▷ 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%

### 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) .




### Info

This setting gives you appliance data and 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](http://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.
- The reminder timings are kept.
- Reminders and warnings are not shown. There is no acoustic signal.
- IceMaker is out of use.\*
- 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 settings

- Activating/deactivating (see 6.2 Operating logic) .



### 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.

This setting automatically switches off after 60 min. The appliance goes back to normal mode.



### TubeClean\*

This setting cleans the IceMaker pipes.

Make sure that the following requirements are met:

- ☐ IceMaker cleaning process is ready (see 8.5.6 Cleaning the IceMaker\*) .

## Activate setting

- Activate the setting in the customer menu (see 6.2 Operating logic) .
- ▷ Rinse process is ready (max. 60 min.): Symbol flashes.
- ▷ Water pipes are rinsed: Symbol flashes.
- ▷ Rinsing process is complete: Function turns off automatically.



### Ice cubes\*

With this setting, you can choose the ice cube size.

## Choosing the setting

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



### BioFresh B-Value

The temperature can be set slightly lower or higher in the BioFresh zone. The temperature can be adjusted from **B1** (lowest temperature) to **B9** (highest temperature). The default setting is **B5**. If you select a setting between **B1** and **B4** the temperature may fall below 0 °C, causing food to become slightly frozen.

## Choosing the setting

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



### D-Value

The stainless steel rear wall is inside the appliance on delivery. The *D-Value* is therefore 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:

- Use the appliance with the stainless steel back wall to avoid visible condensate and the goods from freezing.

**Choosing the setting**

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

**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.

- Change the water filter every six months
- Confirm the message to reset the maintenance interval.
- ▷ The water filter provides 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 to reset the maintenance interval.
- ▷ The air filter optimizes the quality of air in the fridge section.

**Insert IceMaker drawer\***

This message appears when the IceMaker drawer is open.

- Push in IceMaker drawer.
- The message disappears when you insert the drawer.
- ▷ IceMaker produces ice cubes.

**Activate setting**

- Activating/deactivating (see 6.2 Operating logic) .

**Turning appliance off**

This setting switches off the whole appliance. The display goes black.

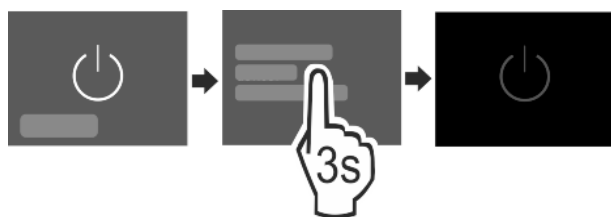
**Switch off whole appliance**

Fig. 10

- Deactivating the IceMaker \*
- Activating/deactivating (see 6.2 Operating logic) .

**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.

**Power failure.**

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

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

**Temperature alarm**

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

Temperature differences may be caused by:

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

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

- Confirm the display.
- ▷ Warmest temperature is displayed.
- Confirm the display again.
- ▷ Status display appears.
- ▷ Current temperature is displayed.

**Error**

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

- Open the door.
- Take note of the error code.
- Confirm the message.
- ▷ The 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.

# Equipment

## 7 Equipment

### 7.1 Door racks

#### 7.1.1 Moving/removing door racks

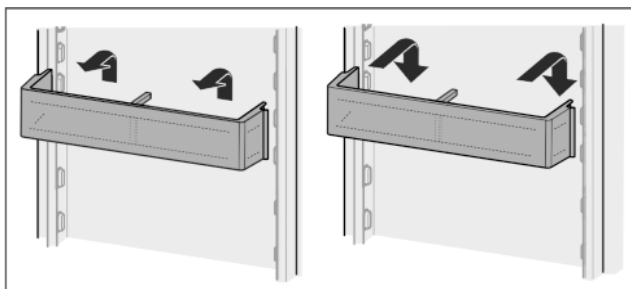


Fig. 11

- Remove racks as per the illustration

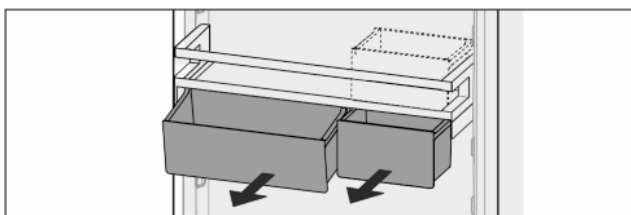


Fig. 12

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

#### Move the VarioBox shelf:

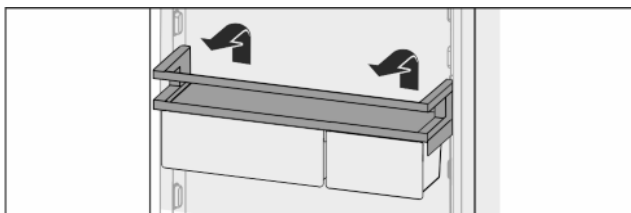


Fig. 13

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

#### Moving the VarioBoxes:

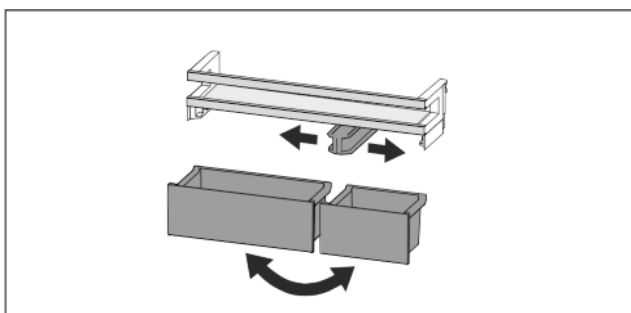


Fig. 14

Door rack is removed:

- Remove boxes.
- Move the middle holding part to where you want it.
- Replacing boxes.

#### 7.1.2 To dismantle door racks

The door racks can be disassembled for cleaning.

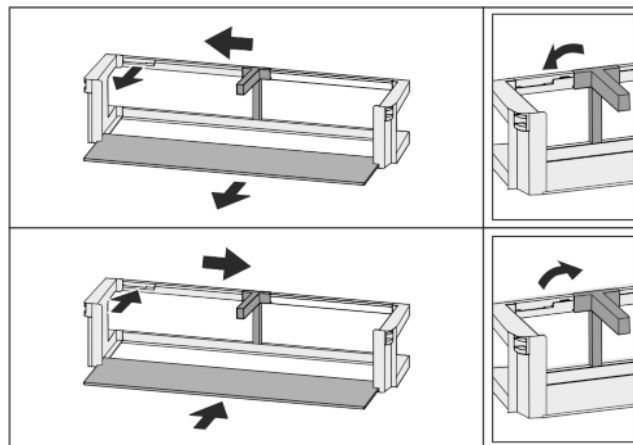


Fig. 15

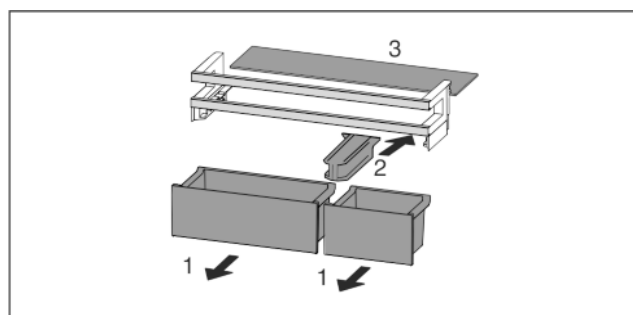


Fig. 16

- Disassemble the door racks.

### 7.2 Shelves

#### 7.2.1 Moving/removing shelves

Extension stops secure the shelves against being accidentally pulled out

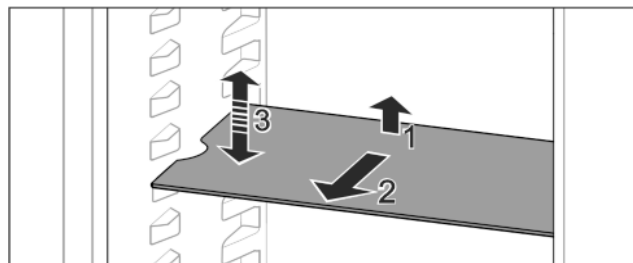


Fig. 17

- Lift the shelf and pull to the front.
- ▷ Side recess to shelf position.
- To move a shelf: set to the position you want and slide into place.

-or-

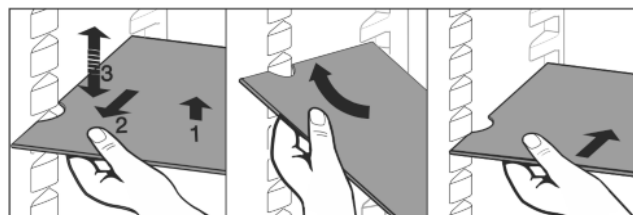


Fig. 18

- To completely remove a shelf: pull out to the front.
- Easier removal: Set the shelf at an angle.
- Reinserting the shelf: slide in until it engages.
- ▷ 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

Extension stops secure the shelves against being accidentally pulled out

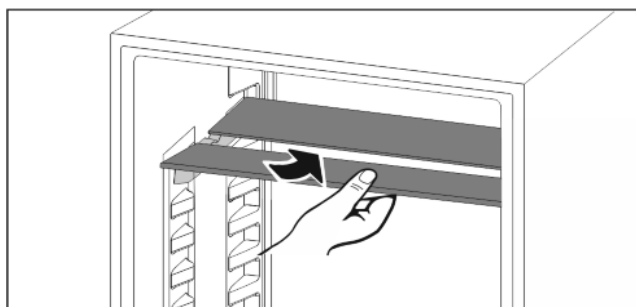


Fig. 19

- Push the split shelf underneath as in the illustration

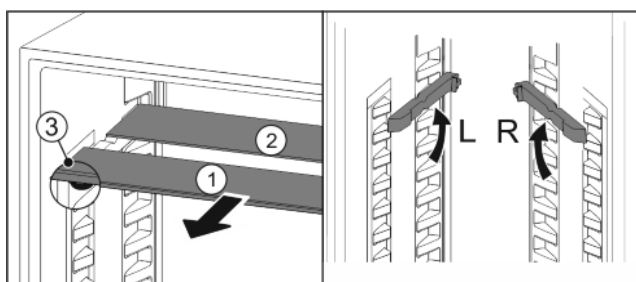


Fig. 20

#### Adjusting heights:

- Pull the glass panels out Fig. 20 (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:

- Lift the top glass plate and pull the bottom glass plate forwards.
- ▷ Glass panel Fig. 20 (1) with pull-out stoppers is at the front.
- ▷ Stoppers are pointing down Fig. 20 (3).

## 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.

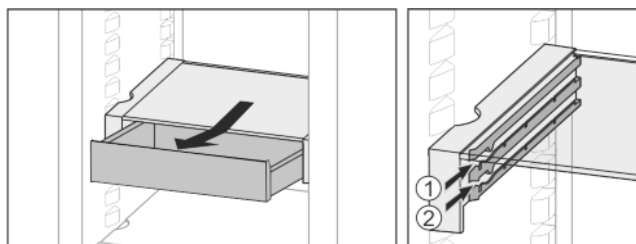


Fig. 21

- Remove the drawer.
- Slide in at any height Fig. 21 (1) or Fig. 21 (2).

### 7.4.2 Moving the VarioSafe

You can shift the height of the entire VarioSafe unit.

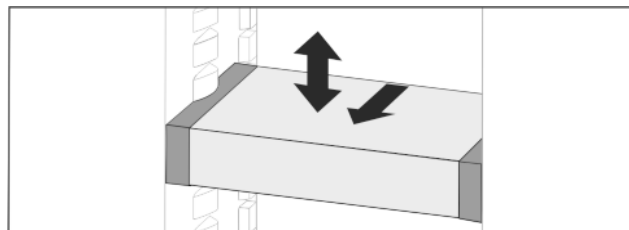


Fig. 22

- 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.

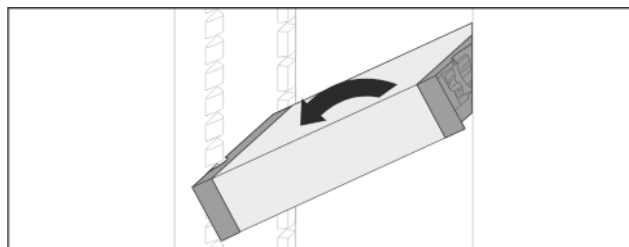


Fig. 23

- Tilt and pull to the front.

### 7.4.4 Disassembling the VarioSafe

The VarioSafe can be dismantled for cleaning.

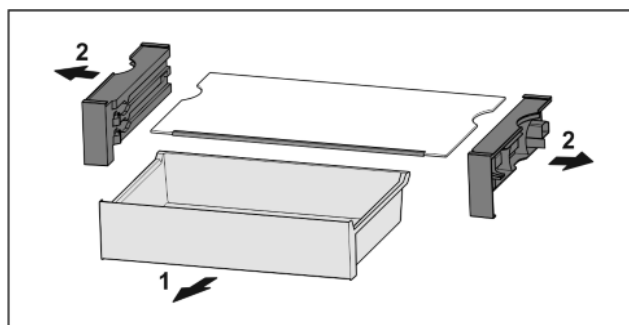


Fig. 24

- 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.



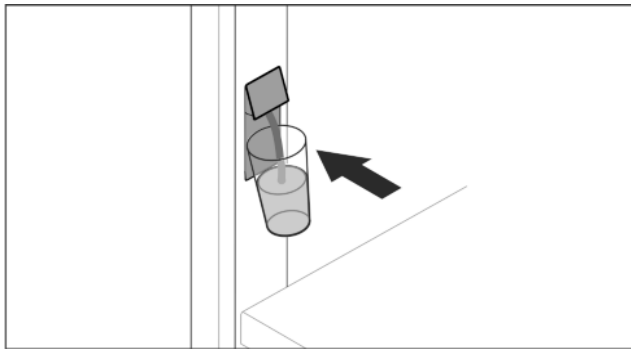


Fig. 25

- ▶ 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.

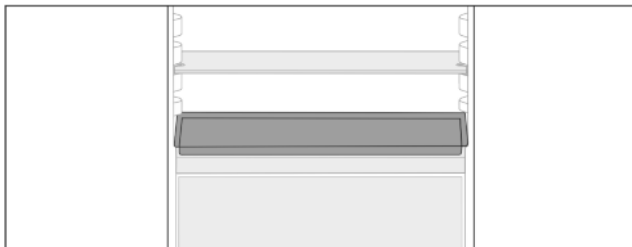


Fig. 26

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.

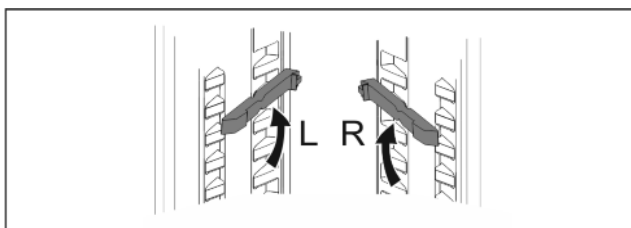


Fig. 27

- ▶ 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.

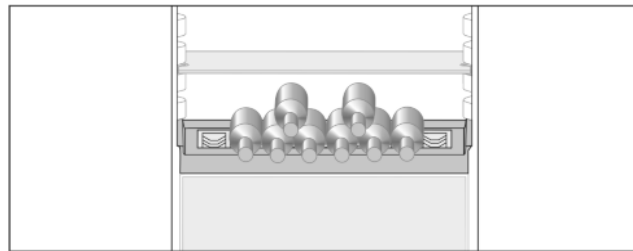


Fig. 28

- ▶ 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.

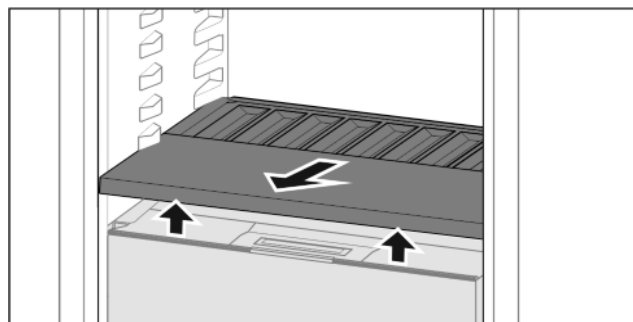


Fig. 29

- ▶ 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.

### 7.7.3 Inserting the bottle shelf

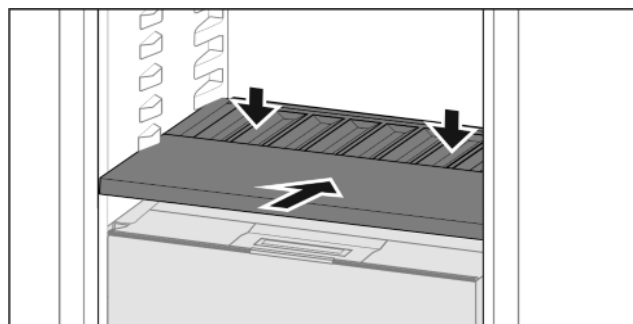


Fig. 30

- ▶ 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.

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

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

## 7.8.1 Remove the drawer

For appliances with NoFrost\*

### Note

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

- Leave the bottom drawer in appliance!\*
- Never obstruct the vents on the interior rear wall!\*

Appliances without NoFrost:\*

### 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!\*

### Drawer without pull-out system\*

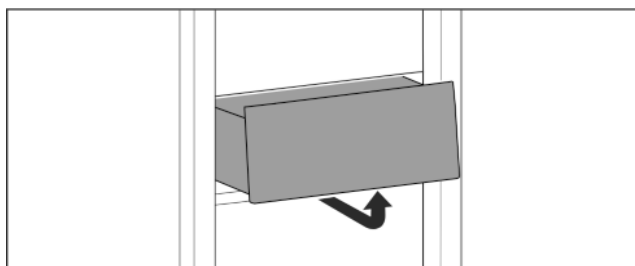


Fig. 31\*

- Remove the drawer as shown in the diagram.\*

### Drawer on retractable rails

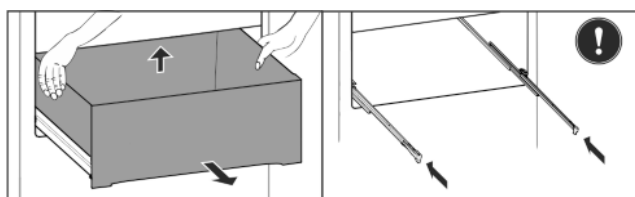


Fig. 32

- Pull out the drawer.
- Lift and pull away to the front.
- Slide the rails in.

## 7.8.2 Inserting the drawer

### Drawer without pull-out system\*

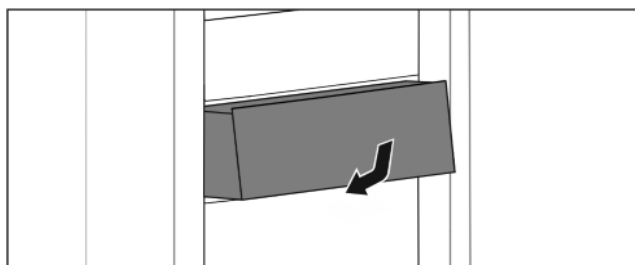


Fig. 33\*

- Insert the drawer as shown in the diagram.\*

### Drawer on retractable rails

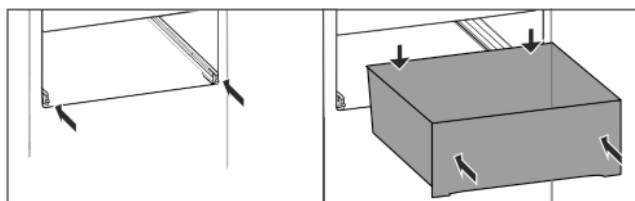


Fig. 34

- Rails are in place.
- Slide the drawer all the way to the back on the rails.

- Click into place at the 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).

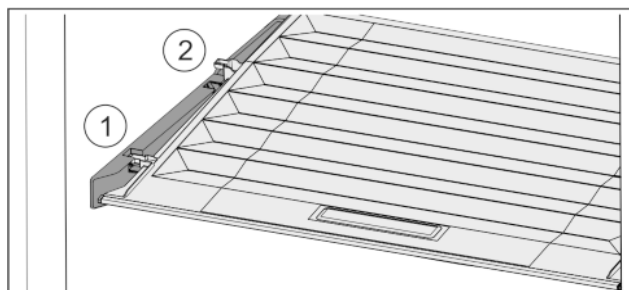


Fig. 35

If the drawers are removed:

- Pull the lid up at the front in the retaining parts to the opening Fig. 35 (1).
- Lift from the back and pull it up and out Fig. 35 (2).

### 7.9.2 Inserting the compartment lid

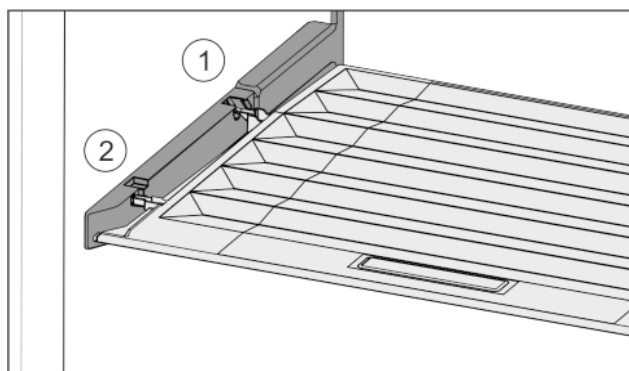


Fig. 36

- Insert the lip of the cover over the opening of the rear bracket Fig. 36 (1) and click into place Fig. 36 (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.

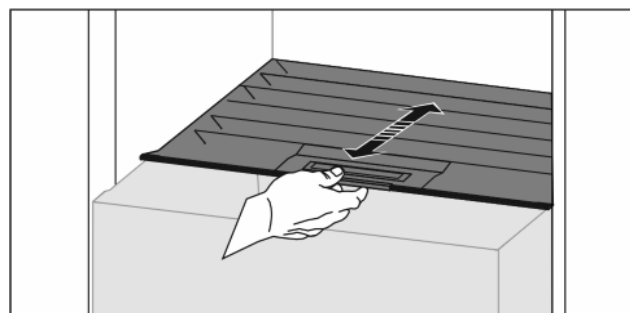


Fig. 37

### Low air humidity

- Open the drawer.

# Equipment

- ▶ Pull the drawer cover to the front.
- ▷ If the drawer is closed: Gap between lid and compartment.
- ▶ Switch off HydroBreeze.\*
- ▷ 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.
- ▶ Activate the HydroBreeze.\*
- ▷ 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.

## 7.11 HydroBreeze\*

HydroBreeze emits a mist over the refrigerated goods to provide moisture every time the door is opened.

The HydroBreeze and its water tank are located in the adjustable bottle shelf.

Make sure that the following requirements are fulfilled

- The water tank is clean (see 8.5.3 Cleaning the equipment) .
- The water tank is properly engaged.
- Moisture is set to "high moisture" (see 7.10 Humidity control) .
- HydroBreeze is on (see HydroBreeze\*) .

### 7.11.1 Fill the water tank



## WARNING

Contaminated water!  
Poisoning.

- ▶ Fill with drinking water only.
- ▶ HydroBreeze is off: Empty the water tank.
- ▶ HydroBreeze is out of use for a prolonged period: Empty the water tank.

## NOTICE

Sugary liquids!  
Damage to the HydroBreeze.

- ▶ Fill with drinking water only.

## Note

Use filtered, decarbonized water to provide the best-quality drinking water and keep the HydroBreeze working smoothly. This water quality can be achieved using a table water filter of the kind available in trade retail outlets.

- ▶ Fill the water tank with filtered, decarbonized drinking water.

The water tank is built into the adjustable bottle shelf (see 1.2 Overview of the appliance and its equipment) .

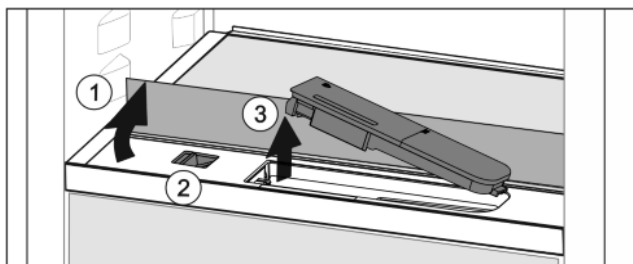


Fig. 38

- ▶ Press on the back-left corner of the front glass plate.
  - ▷ The glass panel folds upwards.
  - ▶ Lift the glass panel and fold to the back as far as it will go Fig. 38 (1).
  - ▷ The glass panel is upright.
  - ▶ Slide the slider Fig. 38 (2) to the left.
  - ▷ The water tank jumps out of its recess.
  - ▶ Remove the water tank Fig. 38 (3).
- Angular opening:
- ▶ Fill with drinking water up to the level mark.
  - ▶ Insert the water tank, bottom first, into the recess.
  - ▶ Slowly lower the front part and push the tank in.
  - ▷ Water tank is engaged.

### 7.11.2 Disassembling the water tank

You can disassemble the water tank for cleaning.

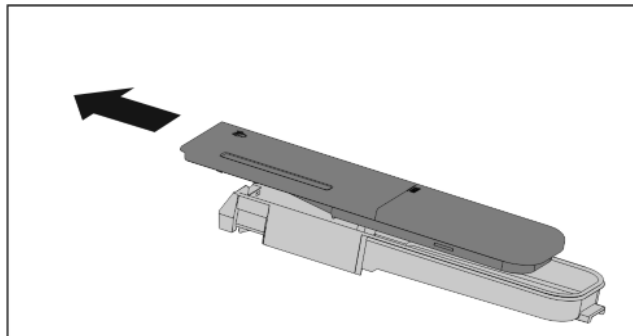


Fig. 39

- ▶ Disassemble the water tank.

## 7.12 IceMaker\*

The IceMaker is used exclusively for the production of ice cubes in household quantities.

Make sure that the following conditions are fulfilled

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

### 7.12.1 Producing ice cubes

The production capacity depends on the freezer temperature. The lower the temperature, the more ice cubes can be produced in a certain period.

Once IceMaker is switched on for the first time, it can take up to 24 hours to produce the first ice cubes.

- ▶ Activate the IceMaker (see 6.2 Operating logic) .
- ▶ To make a large quantity of ice cubes: Activate the MaxIce (see 6.2 Operating logic) .
- ▶ To make a large quantity of ice cubes: Move or remove the separators in the IceMaker drawer.\*
- ▶ Distribute ice cubes evenly in the drawer to increase its capacity.
- ▶ Close the drawer: The IceMaker starts making ice again.

## Note

When a certain level is reached in the IceMaker drawer, it stops making ice cubes. The IceMaker does not fill the drawer to the very top.

## 7.13 VarioSpace

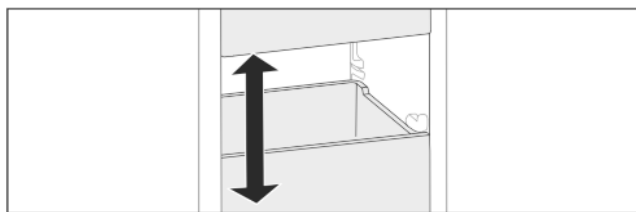


Fig. 40

You can remove the glass panels as well as the drawers. This provides more room for large food items such as poultry, joints of meat, large game, and tall baked goods. You can freeze these items whole for later preparation.

- Do not exceed the load capacity of the glass panels (see 9.1 Technical specifications).

## 7.14 Accessories

### 7.14.1 Butter dish

Opening/closing the butter dish

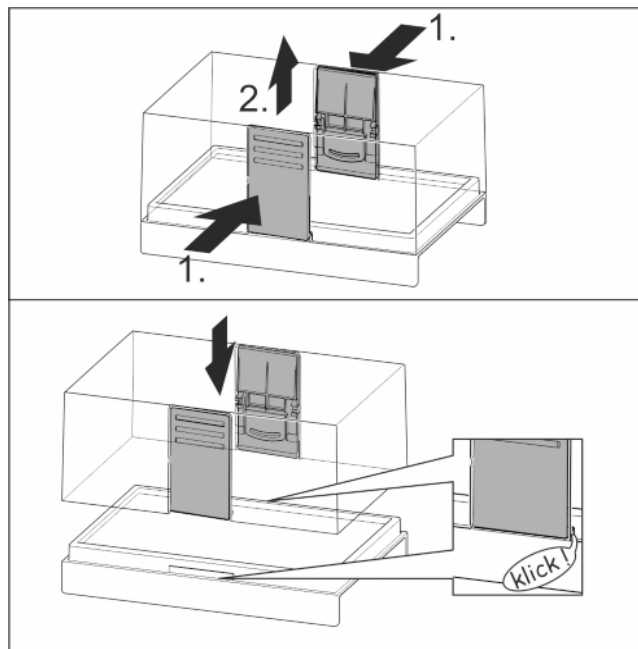


Fig. 41

Dismantling the butter dish

You can disassemble the butter dish for cleaning.

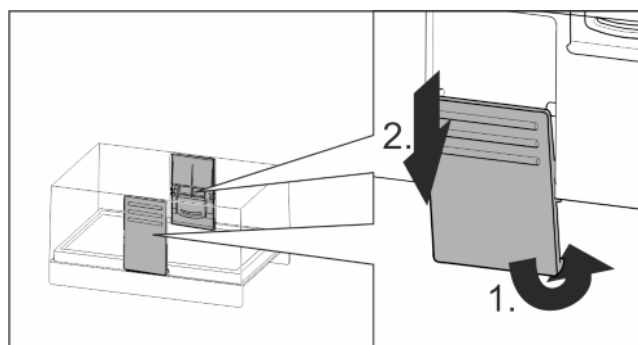


Fig. 42

- Disassemble the butter dish.

### 7.14.2 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

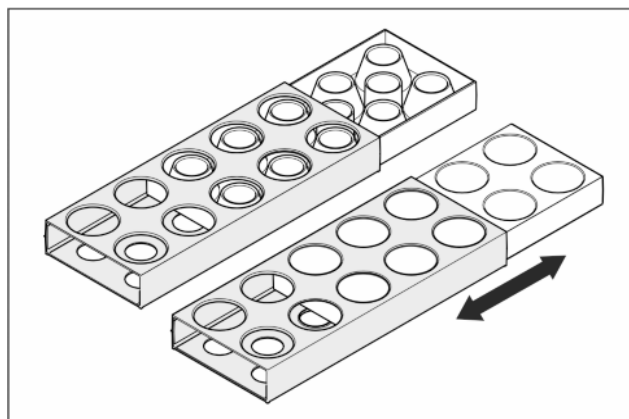


Fig. 43

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

### 7.14.3 Bottle rack

Using the bottle rack

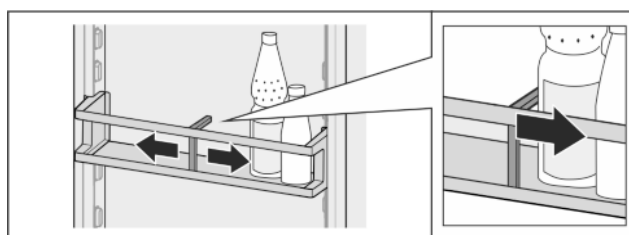


Fig. 44

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

Removing the bottle rack

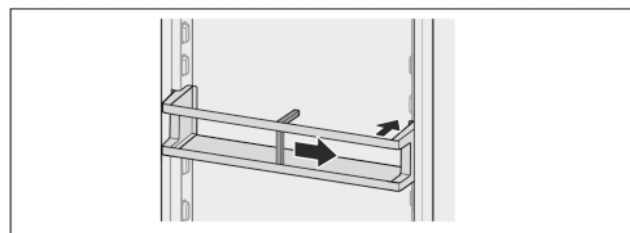


Fig. 45

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

### 7.14.4 Freezer packs

The freezer packs prevent the temperature from rising too fast in the event of a power failure.

Appliances with NoFrost\*

The freezer packs are in the drawer.\*

Appliances without NoFrost:\*

The freezer packs are clipped into the ceiling of the freezer.\*

Using the freezer packs

Appliances with NoFrost:\*

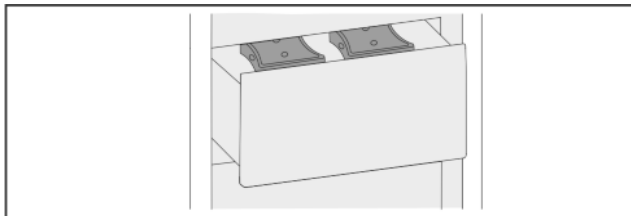


Fig. 46\*

When the freezer packs are fully frozen:\*

- Place on the frozen goods in the top, front part of the freezer.\*

Appliances without NoFrost:\*

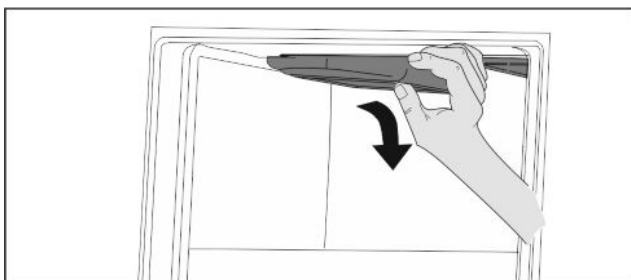


Fig. 47\*

The top drawer is removed:\*

- Hold the sides of the frozen freezer pack and push them down and out.\*
- Place freezer packs on the frozen goods in the top, front part of the freezer.\*

Snap the freezer packs back into place after use:\*

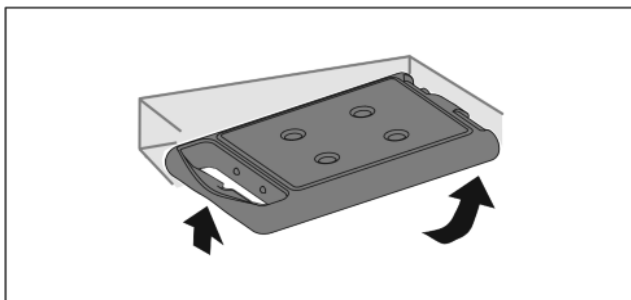


Fig. 48\*

Top drawer is removed:\*

- Slide the freezer pack into the back of the freezer ceiling and snap into place at the front.\*

## 7.14.5 Ice cube tray with lid

Using the ice cube tray

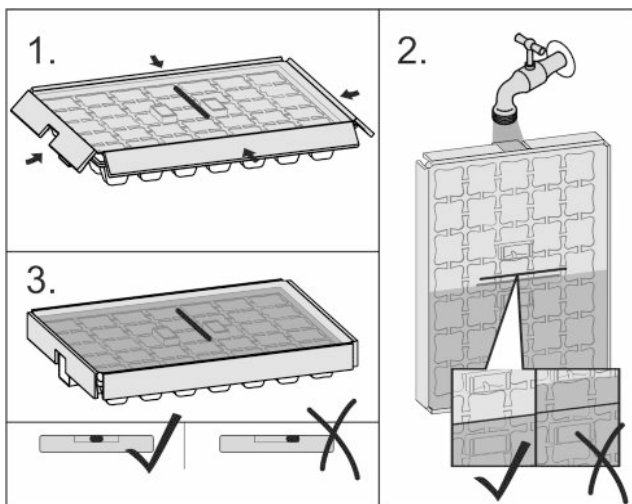


Fig. 49

When water is frozen:

- Hold the ice cube tray briefly under warm water.
- Remove the lid.
- Gently turn the ends of the ice cube tray in opposite directions.
- Release the ice cubes.

## Dismantling the ice cube tray

You can dismantle the ice cube tray for cleaning.

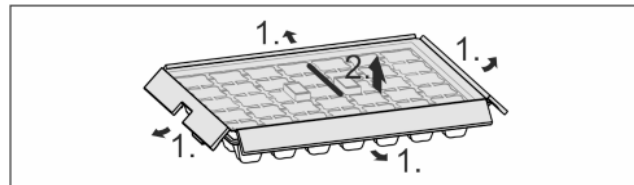


Fig. 50

- Disassemble the ice cube tray.

# 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

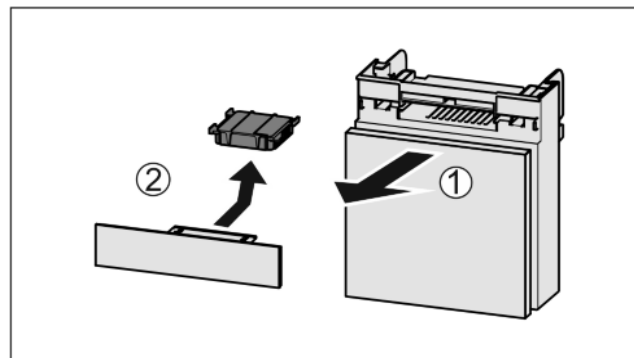


Fig. 51

- Pull out the compartment Fig. 51 (1).
- Remove the carbon filter Fig. 51 (2).

## 8.1.2 Inserting the FreshAir carbon filter

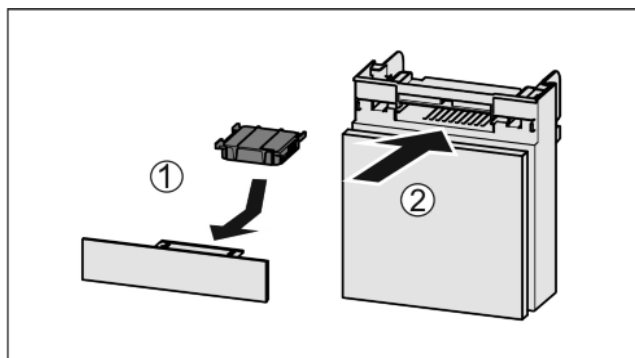


Fig. 52

- ▶ Insert the carbon filter as shown in the diagram Fig. 52 (1).
- ▷ The carbon filter clicks into place.  
If the carbon filter is pointing downwards:
- ▶ Push the compartment in Fig. 52 (2).
- ▷ The carbon filter is now ready for use.

## 8.2 Water tank\*

The InfinitySpring is located behind the lowest drawer in the fridge section.

### 8.2.1 Removing the water tank

- ▶ Remove the drawer.
- ▶ Turn the water tank all the way to the left and pull it out.
- ▶ Catch any dripping water with your hand or with a dish.
- ▷ Only cold water can be used with the InfinitySpring.

### 8.2.2 Inserting the water tank

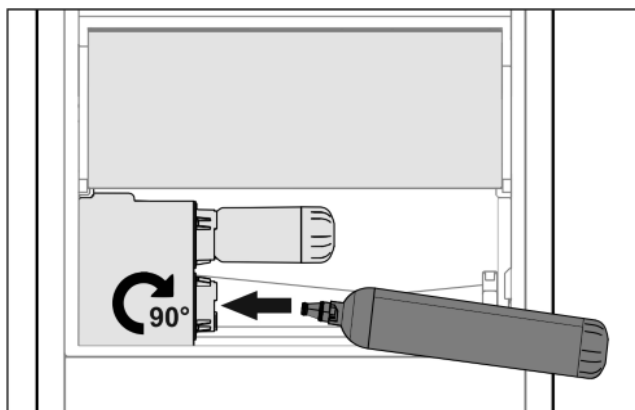


Fig. 53

- ▶ 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.
- ▶ 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.

## 8.3 Water filter\*

The water filter is located behind the lowest drawer in the fridge section.

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.
- ▶ Catch any dripping water with your hand or with a dish.

### 8.3.2 Installing the water filter

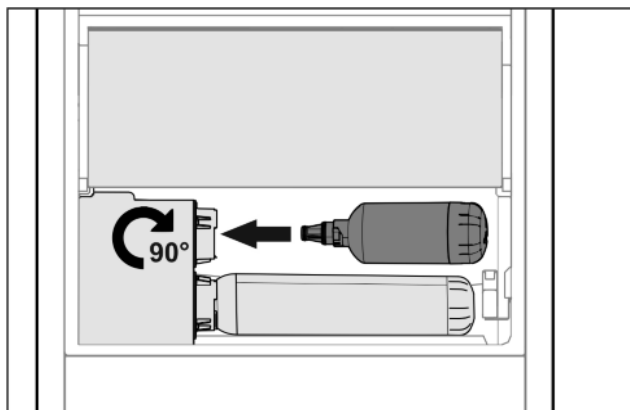


Fig. 54

- ▶ 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 3 l of water through the InfinitySpring and pour away.

- ▷ The water filter is now ready for use.

## 8.4 defrost 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.
- ▶ Do not damage the pipes of the refrigerant circuit.

### 8.4.1 Defrosting the refrigerator

Defrosting is automatic. The thawing water drains through the outlet and evaporates.

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



# Maintenance

## 8.4.2 Defrosting freezers with NoFrost\*

Defrosting is automatic with the NoFrost system. The moisture condenses on the evaporator and is periodically defrosted and evaporated

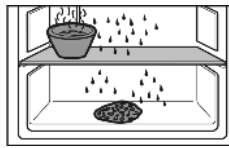
- The appliance does not have to be defrosted.

## 8.4.3 Defrosting the freezer manually\*

After prolonged use, a layer of frost or ice can form.

The following can encourage this process.

- Door is frequently opened.
- Hot food is placed inside.
  - One day before defrosting:
    - Activate SuperFrost (see 6.3 Functions) .
    - ▷ The frozen food will retain "the cold better".
    - Switch off the appliance (see 6.4 Settings) .
    - Disconnect the power plug or switch off the power
    - Put freezer packs on the frozen food.
    - Wrap the frozen food in newspaper or blankets and store in a cold place
    - Put a pot with hot, not boiling, water on a middle shelf of the compartment.



- ▷ This will speed up defrosting.
- Leave the appliance door open during the defrosting process.
- Remove lumps of ice that come loose
- Make sure that the thawing water does not run into the housing cabinet.
- If necessary, soak up the water with a sponge or a cloth
- Clean the appliance (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.
- Pull out the power plug.\*

### 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.

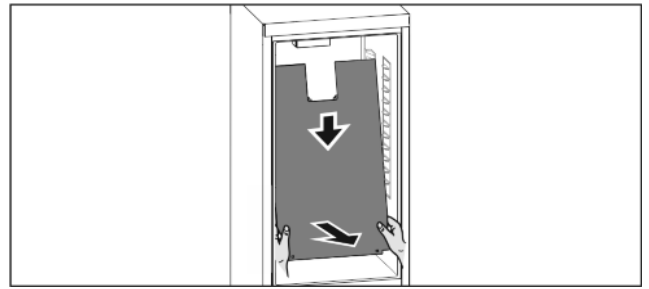
Metal surfaces:

- Clean by hand with a soft, clean cloth, lukewarm water and a little detergent.

To clean the drainage outlet *Fig. 1 (13)*:

- Remove any deposits with a thin item such as a cotton bud.

**Remove stainless steel back panel:**



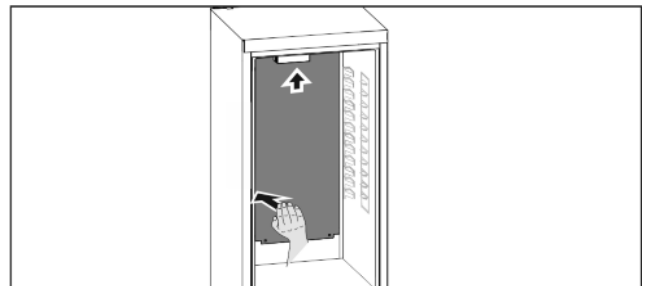
*Fig. 55*

You can remove the stainless steel back wall for cleaning.

With all equipment parts removed:

- Hold the back wall at the bottom with both hands and pull down forcefully at the same time.
- Pull the back wall down and out.
- ▷ The back wall is removed.
- If the appliance is still used with the rear wall removed:
- Set *D-Value* to D2 (see *D-Value*) .

**Insert the stainless steel back panel:**



*Fig. 56*

With all equipment parts removed:

- Slide the back panel from bottom to top.
- If the rear wall is inserted in the upper gap:
- Push the back panel on the left side forcefully backwards.
- ▷ Back wall snaps into place.
- Set *D-Value* to D1 (see *D-Value*) .

### 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:**

- Drip tray
- 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 60 °C:**

- Door racks
- VarioBox
- Bottle rack
- Shelf
- Split shelf
- Holder for the split shelf
- HydroBreeze water tank and water tank lid\*
- Egg rack



- Butter dish
- Ice cube tray
- 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 2 l of water through the InfinitySpring and pour away.\*

## 8.5.5 Cleaning the HydroBreeze\*

We recommend cleaning in the following situations:

- ☐ Initial commissioning
- ☐ HydroBreeze was off for longer than 48 hours.

Make sure that the following requirements are fulfilled

- ☐ HydroBreeze is off (see HydroBreeze\*) .
- ☐ Water tank is removed and clean (see 8.5.3 Cleaning the equipment) .
- Wipe out with a damp cloth.
- Remove any dirt in front of the concentrator.
- Insert the water tank.
- Activate the HydroBreeze.

## 8.5.6 Cleaning the IceMaker\*

There are various options for cleaning the IceMaker.

We recommend cleaning in the following situations:

- ☐ Initial commissioning
- ☐ If out of use for longer than 5 days.\*

Make sure that the following requirements are met:

- ☐ IceMaker drawer is emptied.
- ☐ IceMaker drawer is fully inserted.
- ☐ IceMaker is on (see 6.2 Operating logic) .

### On first use or if not used for prolonged periods

Clean the IceMaker with TubeClean.

- Place a 1.5 l empty container (max. height 10 cm) in the drawer under the IceMaker.
- Activate the TubeClean (see 6.2 Operating logic) .
- Take out the IceMaker drawer and remove the container.
- Clean the IceMaker drawer with warm water and a little detergent.
- Push in the IceMaker drawer.
- ▷ Ice cube production starts automatically.

Without water filter\*

- Dispose of any ice cubes that are produced within 24 hours of the first ice cube production.\*

With water filter.\*

- Dispose of any ice cubes that are produced within 48 hours of the first ice cube production.\*

-or-

- Dispense 2 l of water through the InfinitySpring and pour away.\*

### When cleaning is required

Clean the IceMaker manually.

- Remove the IceMaker drawer and clean with warm water and a little detergent.
- Push in the IceMaker drawer.
- ▷ Ice cube production starts automatically.

## 8.5.7 After cleaning

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

# 9 Customer support

## 9.1 Technical specifications

Temperature zone	
Cool:	3 °C to 9 °C
BioFresh	0 °C to 3 °C
Freezing	-26 °C to -15 °C

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

Max. equipment capacity			
Equipment	Appliance width 55 cm (see Installation Guide, Appliance Dimensions)	Appliance width 60 cm (see Installation Guide, Appliance Dimensions)	Appliance width 70 cm (see Installation Guide, Appliance Dimensions)
Drawer Freezer	12 kg	12 kg	
Glass panel, freezer	35 kg	35 kg	55 kg

Max. size baking tray	
Width	466 mm
Depth	386 mm
Height	50 mm

Ice cube production*	
Ice cube production / 24 h	At -18 °C: 90 to 100 ice cubes
Max. ice cube production / 24 h	With MaxIce on: 130 ice cubes

Lighting	
Energy efficiency class <sup>1</sup>	Light source
This product contains an energy efficiency class F light source	LED

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

## 9.2 Operating noises

The appliance makes noises while in operation.

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

Examples:

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

Noise	Possible cause	Type of noise
Bubbling and splashing	Coolant is flowing into the cooling circuit.	Normal noise
Spitting and hissing	Coolant is spraying into the cooling circuit.	Normal noise
Humming	The appliance cools. The volume depends on the cooling output.	Normal noise
Sipping noises	The self-closing door is being opened and closed.	Normal noise
Whirring and murmuring	The fan is running.	Normal operating noise

Noise	Possible cause	Type of noise
Clicking	Components are being switched on/off	Normal switching noise
Rattling or humming	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
<b>The appliance does not work.</b>	→ 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.
<b>The temperature is not cold enough</b>	→ 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 1.3 Range of appliance use) .
	→ The appliance was opened too frequently or for too long	► Wait to see whether the required temperature resets itself by itself. If not, contact Customer Service (see 9.4 Customer service) .
	→ Too much fresh food was placed inside without SuperFrost.	► Solution: (see SuperFrost)
	→ The 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.

Defect	Cause	Remedy
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 IceMaker cannot be switched on.*	→ The appliance and therefore the IceMaker are not connected.	► Connect the appliance (see Installation Guide).
The IceMaker is not making any ice cubes.*	→ The IceMaker is not switched on.	► Activate the IceMaker.
	→ The drawer of the IceMaker is not properly closed	► Close the drawer properly
	→ The water connection is not open	► Open the water connection*
The IceMaker is not working.*	→ There is air in the system.	► Vent the water system (see Installation Instructions, Water Connection).
The InfinitySpring is not working.*	→ The ice cube tray rotates.	► Tray again after 1 minute.*
	→ 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 InfinitySpring is irregular.*	→ The aerator is not clean.	► Replace the aerator. Contact Customer Service (see 9.4 Customer service) .
HydroBreeze is not keeping refrigerated foods moist.*	→ HydroBreeze is not activated.	► Activate the HydroBreeze.
	→ There is not enough water in the water tank	► Fill the water tank.
	→ There is dirt upstream of the concentrator.	► Clean the HydroBreeze.
	→ The water tank is not properly locked into place.	► Make sure the water tank clicks in properly.
	→ The lid of the Fruit & Vegetable-Safe is set to "low air moisture".	► Adjust the lid of the Fruit & Vegetable-Safe to "high air moisture".
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:	<div>  <b>WARNING</b>            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.         </div>

# Decommissioning

Defect	Cause	Remedy
		 <b>WARNING</b> Risk of injury from LED lamp! The light intensity of the LED lighting corresponds to risk group RG 2. If the cover is faulty: ► Do not gaze directly at this lighting unit with optical lenses while very close to the light source. This can cause damage to your eyes.

## 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

Risk of injury from repairs by non-professionals.

- Repairs and work on the appliance and the power supply cable not described in the Manual (see 8 Maintenance) should only be carried out by a qualified service provider.

### 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.

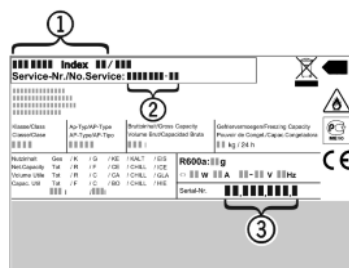


Fig. 57

- (1) Appliance name
- (2) Service no.
- (3) Serial no.
- Information from the nameplate.

## 10 Decommissioning

- Empty appliance.
- Switch off the IceMaker .\*

- 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

The device still contains valuable materials and must be collected separately from unsorted municipal waste so it can be recycled. Disused devices must be disposed of in a proper and professional manner according to the locally applicable regulations and laws.



When transporting the disused appliance, do not damage the coolant circuit to prevent the coolant (information on the nameplate)) or oil from leaking in an uncontrolled manner.

### For Germany:

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

### Decommission the appliance:

- Disconnect the power plug.
- Remove the connection cable from the appliance.





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**EN** Built-in combined fridge-freezer with BioFresh

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