User Guide

Quality, Design and Innovation

home.liebherr.com/fridge-manuals

LIEBHERR

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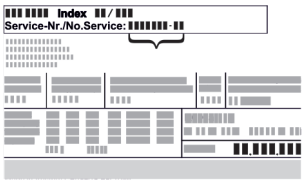
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The manufacturer is constantly working to improve all types and models. Therefore, please be aware that we reserve the right to make changes to the shape, equipment and technology.

Symbol	Explanation
	**Read instructions** Please read the information in these instructions carefully to understand all of the benefits of your new appliance.

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

These operating instructions apply to:

CBN (sd)(sg)(b)(d)	57..
SBN (sd)(bs)(d)(h)	42.. / 52..

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

1 The appliance at a glance

1.1 Delivered contents

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

Delivery contains the following parts:

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

1.2 Appliance and equipment overview

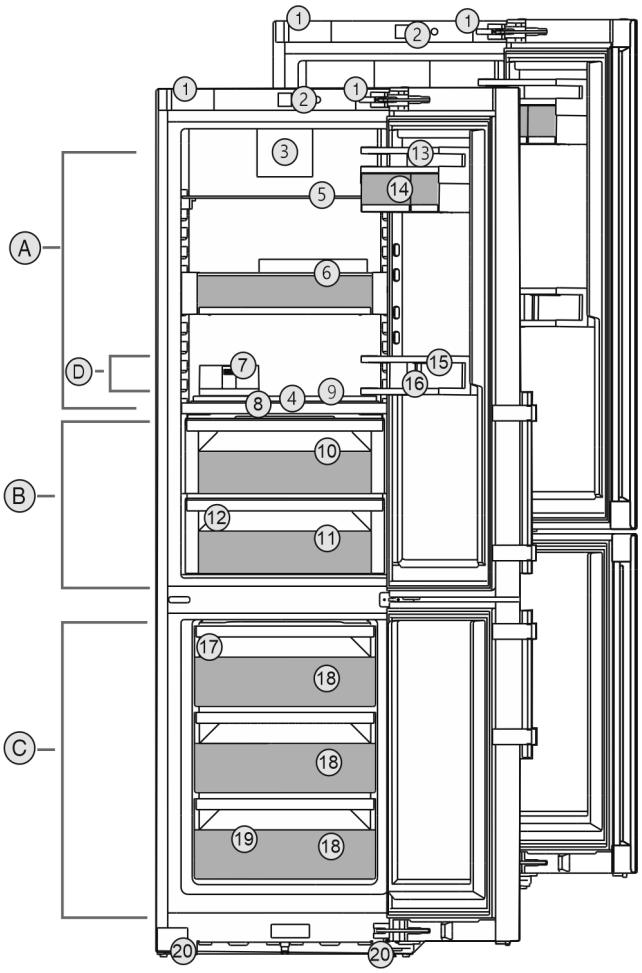


Fig. 1 Example illustration

Temperature range

(A) Fridge compartment
(B) BioFresh
(C) Freezing compartment
(D) Coldest zone

Equipment

(1) Transport handles
(2) Control elements
(3) Fan with FreshAir activated charcoal filter
(4) HydroBreeze*
(5) Split shelf
(6) VarioSafe*
(7) Butter dish
(8) Lid for Fruit & Vegetable-Safe
(9) Variable bottle shelf
(10) Fruit & Vegetable-Safe
(11) Meat & Dairy-Safe
(12) Drain hole
(13) Storage rack
(14) VarioBox
(15) Bottle holder*
(16) Bottle rack*
(17) IceMaker*
(18) Freezer drawer
(19) Serial tag
(20) Adjustable feet at the front, transport castors at the back, carrying handle at the top (rear) and bottom (front)

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

1.3 Range of appliance use

Normal use

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

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

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

All other types of uses are not permitted.

Foreseeable misuse

The following uses are specifically prohibited:

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

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

Climate ratings

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

Note

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

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

1.4 Conformity

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

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

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

1.5 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 type plate.

2 General safety instructions

Please keep these operating instructions in a safe place so you can refer back to them at any time.

If you pass the appliance on, please hand these operating instructions to the new owner.

Read these operating instructions before use in order to use the appliance safely and correctly. Follow the instructions, safety instructions and warning messages included at all times. They are important for ensuring you can operate and install the appliance safely and without any problems.

Dangers for the user:

- This appliance can be operated by children as well as by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they are supervised or have been instructed in the safe use of the appliance and understand the associated risks. Children must not play with the appliance. Cleaning and user maintenance must not be performed by children unless they are supervised. Children between the ages of 3 and 8 may load and unload the appliance. Children under the age of 3 must be kept away from the appliance if they are not constantly supervised.
- The socket must be easily accessible so that the appliance can be disconnected quickly from the electricity in an emergency. It must not be located in the area behind the appliance.
- When disconnecting the appliance from the outlet, always take hold of the plug. Do not pull on the cable.
- Disconnect the power plug or switch off the power if a fault occurs.
- Do not damage the mains power line. Do not operate the appliance from a defective mains power line.
- Repairs and work on the appliance may only be carried out by after sales service or other specifically trained qualified personnel.
- The appliance should only be assembled, connected and disposed of in accordance with the instructions.
- The manufacturer is not liable for damage arising from incorrect connection to the water supply.*

Risk of fire:

* Depending on model and options

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

Tipover hazard:

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

Risk of food poisoning:

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

Danger of frostbite, feelings of numbness and pain:

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

Risk of injury and damage:

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

Risk of crushing:

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

Symbols on the device:



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



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



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

Observe the warning messages and other detailed information in the other sections:

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

3 Start-up

3.1 Turning on the appliance

Make sure that the following requirements are met:

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

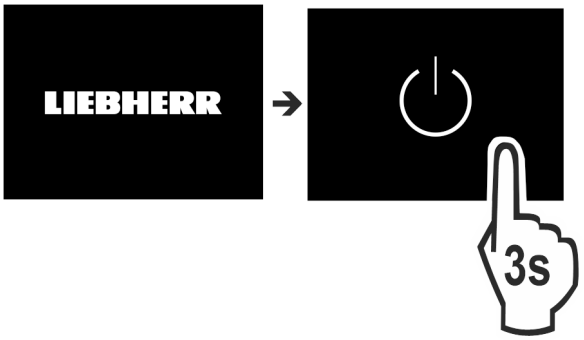


Fig. 2

▶ Switch on the appliance using the display.

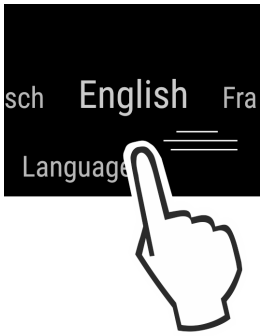


Fig. 3

▶ Select the language.
▷ The status display appears.

The appliance starts in DemoMode:

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

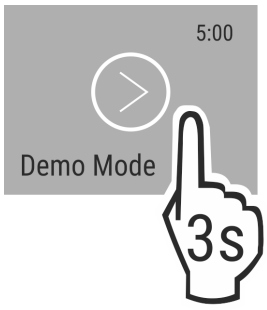


Fig. 4

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

Note
The manufacturer recommends:
▶ Place the food inside: Wait for around 6 hours until the set temperature is reached.
▶ **Store frozen foods** at -18 °C or colder.

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 smart-device.liebherr.com).
▶ Install the SmartDevice app (see apps.home.liebherr.com).

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

4 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 (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.

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 7.8 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".

* Depending on model and options

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

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

Before freezing, please note the following:

❑ SuperFrost is activated (see 6.3 Functions) when the amount of food to freeze exceeds approx. 2 kg.
❑ With a small 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.
▶ The *BottleTimer* function must be used when freezing bottles and cans with drinks.

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

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 1 °C	up to 90 days
Hard cheese	at 1 °C	up to 110 days

Guideline storage times for the Meat & Dairy-Safe*		
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
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
Fruit		
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

Guideline storage times for the Fruit & Vegetable-Safe*		
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
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 then 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.
- Defrost frozen food in the fridge
- If you intend to be away for an extended period, empty the fridge compartment and switch it off.*
- 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

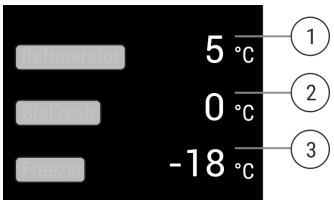


Fig. 5

(1) Fridge compartment temperature display
(2) Temperature display BioFresh
(3) Freezer compartment temperature display

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

6.1.2 Navigation

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

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



Fig. 6

Back:

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

Back to Status display:

- Close and open the door.
- Wait 10 seconds. The display changes 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.
	

*** Depending on model and options**

Symbol	Appliance status
 	**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[x]*
	PowerCool[x]
	SuperFrost[x]
 *	IceMaker and MaxIce[x]*
	PartyMode[x]
*	HolidayMode*
	EnergySaver
*	HydroBreeze*
	VarioTemp

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

▶ Swipe left in the display until the function appears.
▶ Confirm selected function with a short tap.
▷ You hear the confirmation tone.
▷ Status appears in the menu.
▷ Function is on/off.

6.2.2 Selecting function value

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

Symbol	Function
	**Cool:** Setting the temperature Turn on/off the temperature zone
	**Freeze:** Setting the temperature Turn on/off the temperature zone
	**VarioTemp:** 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 it is activated.
▷ 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]
	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

Symbol	Settings
	Door alarm
°C/°F	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
B5*	BioFresh B-Value [1]*
D1	D-Value [1]
*	TubeClean[2]*
5 *	Ice cube[1]*
Software	Software

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

[1] **Select the 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

5 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 Fridge	5 °C
-18 Freezing compartment	-18 °C
0 BioFresh	(see BioFresh B-Value*)

Setting the temperature

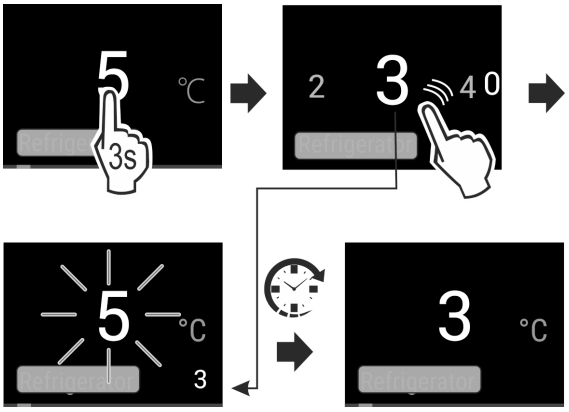


Fig. 7

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

▶ Deactivate IceMaker. *
▶ Set the value. (see 6.2 Operating logic) .
▷ appears.

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) .

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) .

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

PowerCool

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

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

Use:

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

Activating/deactivating settings

▶ Activating/deactivating (see 6.2 Operating logic) .

Note
The fan can keep running even if the function has been deactivated. This ensures optimum temperature distribution in the appliance.

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

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* *
- *SuperFrost*
- *IceMaker* and *MaxIce**

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 15 °C and this is displayed on the status screen when the temperature has been reached.*

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: The previously set temperature is restored.

EnergySaver

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

Temperature zone	Recommended setting	Temperature when EnergySaver activated
5 °C Fridge compartment	5 °C	7 °C
-18 °C Freezing compartment	-18 °C	-16 °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.

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:

- For storing unpackaged salad, vegetables and fruit with high natural moisture levels.

  The following settings are possible:
  - 1: Function duration when the door is opened 4 s
  - 2: Function duration when the door is opened 6 s
  - 3: Function duration when the door is opened 8 s
  - Off: HydroBreeze is deactivated.

Activating/deactivating settings

▶ Activating/deactivating (see 6.2 Operating logic) .

IceMaker / MaxIce*

This function activates the production of ice cubes.*

The function refers to the freezer compartment *Fig. 1 (C)*.*

Use:*

- If this function is activated, you can decide between the normal IceMaker function and MaxIce.
- The MaxIce makes approx. 1.5 kg of ice cubes per 24 h within a short time.

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

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

Activating the function*

Make sure that the following requirements are fulfilled:

❑ The water supply is established at the fixed water connection. See Assembly Manual.*
❑ IceMaker is put into operation.

▶ Activate the function. (see 6.2 Operating logic)
-or-
▶ Activate via the Liebherr SmartDevice-App.

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

Deactivating the function*

▶ Deactivate the function. (see 6.2 Operating logic)
▷ If ice cubes are currently being made, the system completes the process. After that, the IceMaker switches off.

VarioTemp

This function allows you to use the freezing compartment *Fig. 1 (C)* as a variable temperature zone. You can set the temperature from -2 °C to 14 °C.

Liebherr recommends:

- Using the freezing compartment at temperatures between 4 °C and 9 °C to store food such as pre-prepared meals, cheese or preserves.
- Using the freezing compartment at 0 °C to store packaged fruit and vegetables.
- Using the freezing compartment at -2 °C to store fresh fish and seafood.
- Using the freezing compartment at temperatures between 10 °C and 14 °C to store foodstuffs sensitive to low temperatures, such as sweet potato, squash or tropical fruit, as well as any food or beverages that should not be too cold when consumed.

Activating/deactivating the function

▶ Activating/deactivating (see 6.2 Operating logic) .
▷ *VarioTemp* function is active/inactive.

Setting the temperature

▶ Select the optimum temperature depending on the application.
▶ Set the value (see 6.2 Operating logic) .
▷ The temperature slowly adjusts to the set value.

WARNING
Danger of food poisoning!
▶ Do not re-freeze defrosted food.

▶ Use defrosted food as quickly as possible.

Cleaning the IceMaker*

When you switch on *VarioTemp*, you have to clean the IceMaker.
▶ Clean the IceMaker using the *TubeClean* function (see 8.3.6 Cleaning the IceMaker*) .

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).

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.

❑ 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

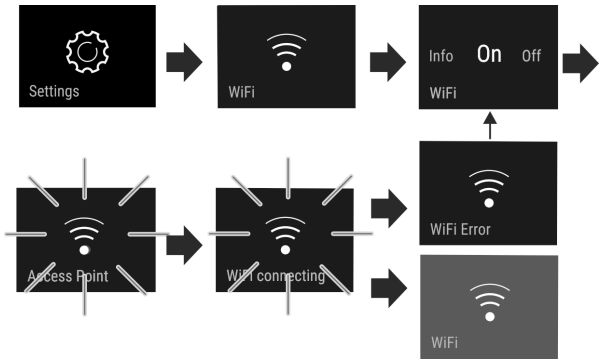


Fig. 8

▶ 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) .

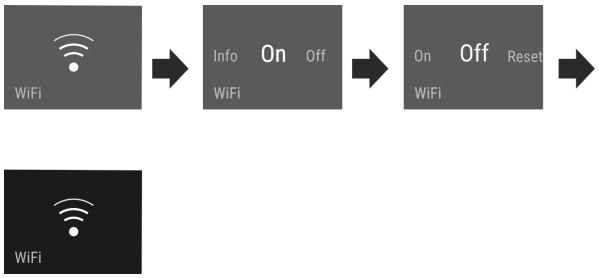


Fig. 9

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

Restoring the connection

▶ Restore settings (see 6.2 Operating logic) .

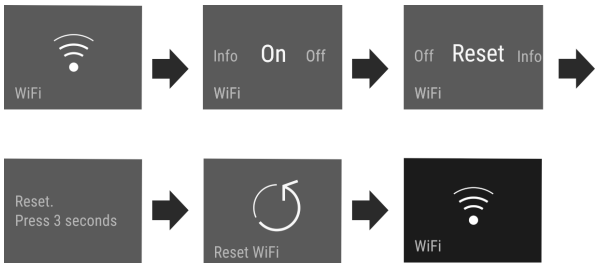


Fig. 10

▷ 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%

Choosing the setting

▶ Set the level (see 6.2 Operating logic) .

Door alarm

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

Options are as follows:

- 1 min
- 2 min
- 3 min
- Off

Choosing the setting

▶ Set the level (see 6.5 Error messages) .

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.
- IceMaker is out of use.*
- The internal light is off.
- The defrost cycle only works for the specified time without taking account of fridge use.
- After a power cut the appliance automatically returns to SabbathMode.

Activating/deactivating SabbathMode

▶ To activate this function, swipe the display until you 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.

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.

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.

TubeClean*

This setting cleans the IceMaker pipes.*

Make sure that the following requirements are met:*

❑ IceMaker cleaning process is ready (see 8.3.6 Cleaning the IceMaker*) .

Activate setting*

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

5 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) .

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 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 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

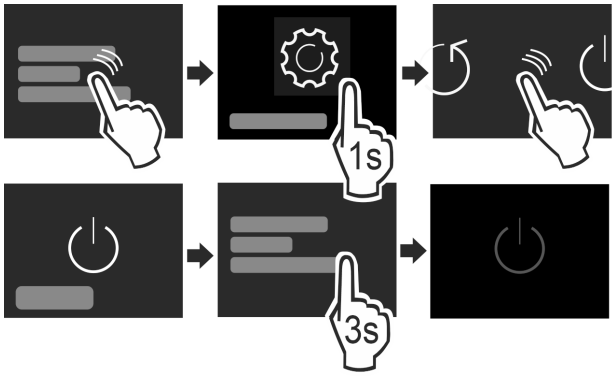


Fig. 11

▶ Turning off the IceMaker .*
▶ Activating/deactivating (see 6.2 Operating logic) .
▷ Off: Display turns black.

6.5 Error messages

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

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

6.5.1 Warnings

Close the door

This message appears if the door is open too long.

You can set the time before this message appears .

▶ Stop alarm: Confirm the message.

-or-

▶ Close the door.

Power failure.

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

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

Temperature alarm

This message appears if the 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.
▷ The status display is displayed.
▷ Current temperature is displayed.

Error

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

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

6.5.2 Message

Insert IceMaker drawer*

This message appears if the IceMaker drawer is open.

▶ Push in the IceMaker drawer.
▷ The message disappears.
▷ The IceMaker produces ice cubes.

6.5.3 DemoMode

If “D” appears 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

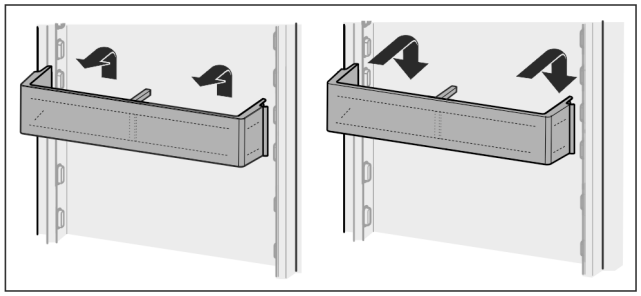


Fig. 12

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

7.1.2 To dismantle door racks

The door racks can be disassembled for cleaning.

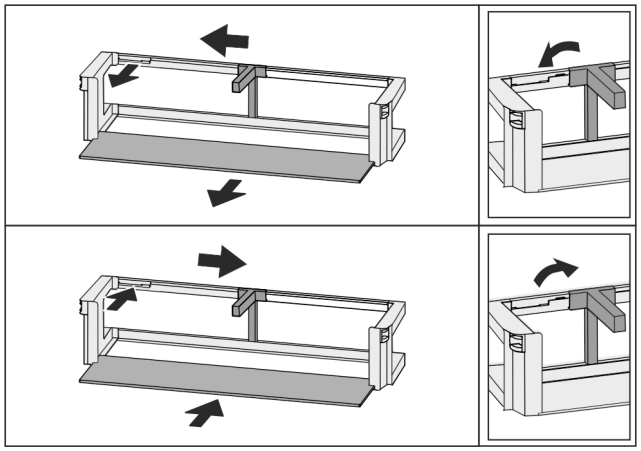


Fig. 13

▶ Disassemble the door racks.

7.2 Shelves

7.2.1 Moving/removing shelves

Extension stops secure the shelves against being accidentally pulled out

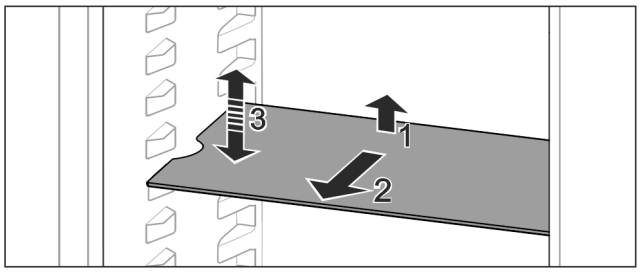


Fig. 14

▶ 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-

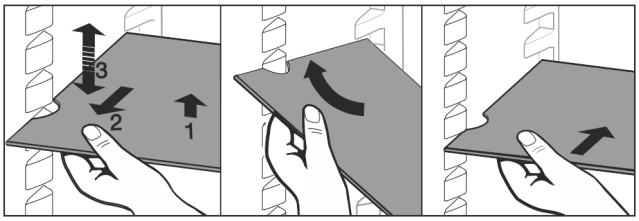


Fig. 15

▶ 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

Extension stops secure the shelves against being accidentally pulled out

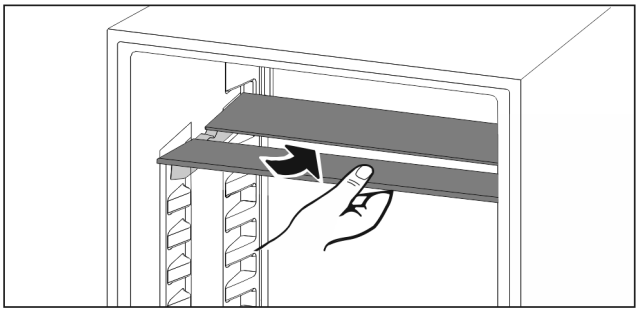


Fig. 16

▶ Push the split shelf underneath as in the illustration

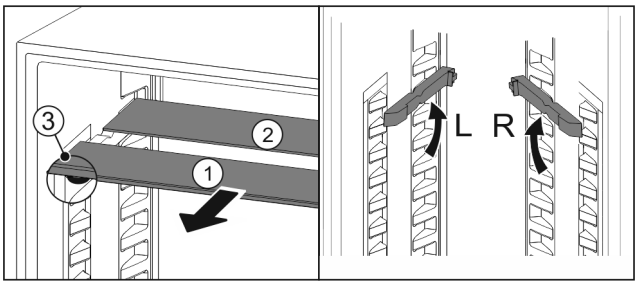


Fig. 17

Adjusting heights:

▶ Pull the glass panels out *Fig. 17 (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. 17 (1)* with the trim strip is at the front.
▷ The stops *Fig. 17 (3)* point downward.

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.

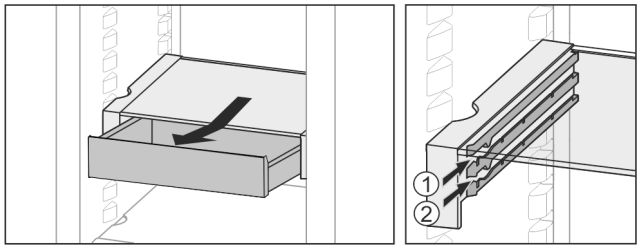


Fig. 18

▶ Remove the drawer.
▶ Slide in at any height *Fig. 18 (1)* or *Fig. 18 (2)*.

7.4.2 Moving the VarioSafe

You can shift the height of the entire VarioSafe unit.

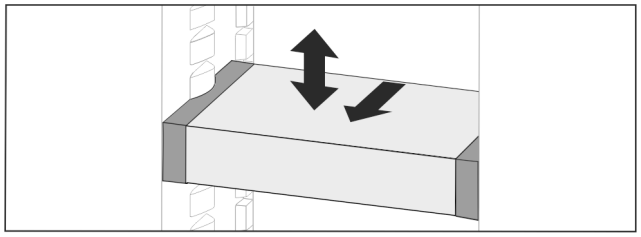


Fig. 19

▶ 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.

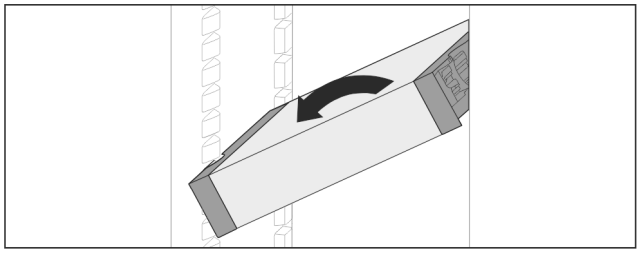


Fig. 20

▶ Tilt and pull to the front.

7.4.4 Disassembling the VarioSafe

The VarioSafe can be dismantled for cleaning.

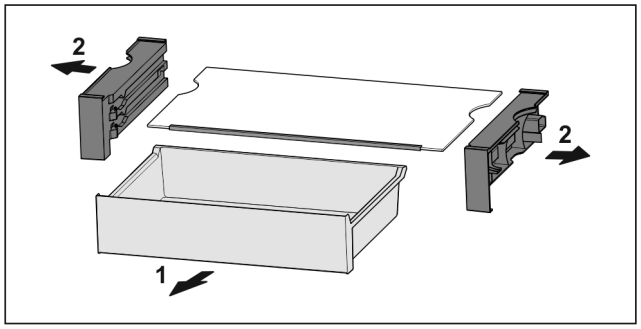


Fig. 21

▶ Dismantling the VarioSafe.

7.5 Variable bottle shelf

7.5.1 Using the bottle shelf

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

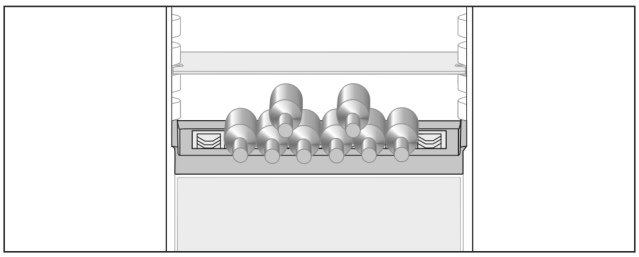


Fig. 22

▶ 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.

7.5.2 Removing the bottle shelf

You can remove the bottle shelf for cleaning.
▶ Remove the glass panel above the bottle shelf.

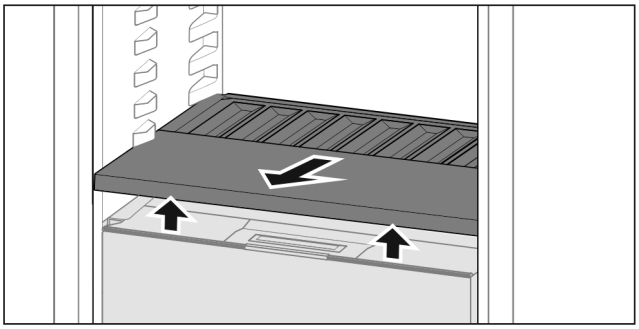


Fig. 23

▶ 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.*

7.5.3 Inserting the bottle shelf

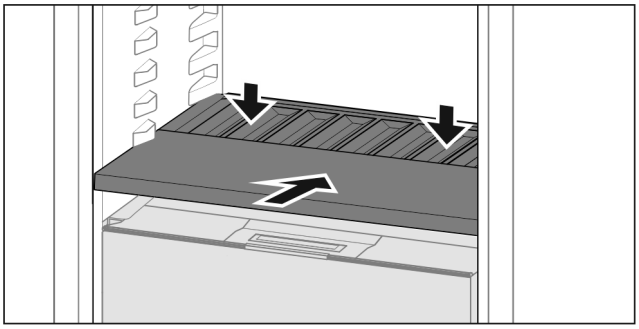


Fig. 24

▶ 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.

7.6 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.

Note
Insufficient ventilation results in an increase in energy consumption and reduction of the refrigerating performance.
▶ Leave the bottom drawer in appliance!
▶ Never obstruct the vents on the interior rear wall!

7.6.1 Remove the drawer

Drawer on telescopic rails

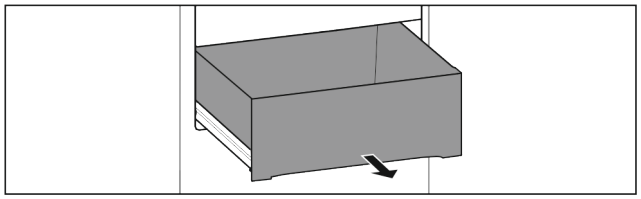


Fig. 25

Make sure that the following requirements are fulfilled:

❑ Drawer is completely pulled out (see Fig. 1321) .

Full extension:

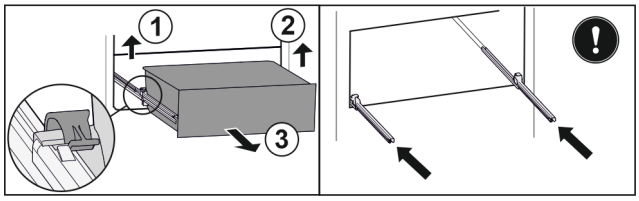


Fig. 26

▶ Lift the left clamp and simultaneously pull the drawer on the left to the front *Fig. 26 (1)*.
▶ Lift the right clamp and simultaneously pull the drawer on the right to the front *Fig. 26 (2)*.
▶ Remove the drawer to the front *Fig. 26 (3)*.
▶ Slide the rails in.

Fully extendible glass drawer:*

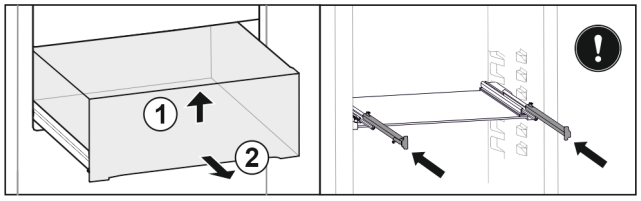


*Fig. 27 **

▶ Lift up the drawer at the front *Fig. 27 (1)*.*
▶ Take off to the front *Fig. 27 (2)*.*
▶ Slide the rails in.*

Partial pull-out freezing compartment*

Note
If the magnet on the top drawer in the freezing compartment is damaged or removed, the door sensor will malfunction.*
▶ Do not damage or remove the magnet.

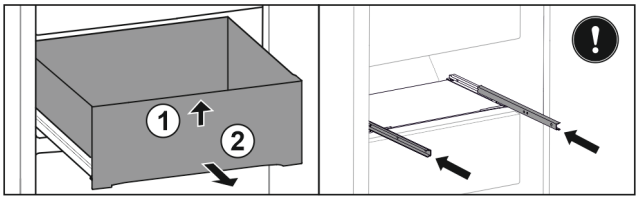


*Fig. 28 **

If the drawer is in the top of the freezing compartment:*
▶ Lift up the drawer at the front *Fig. 28 (1)*.*
▶ Remove to the front *Fig. 28 (2)*.*
▶ Slide the rails in.*

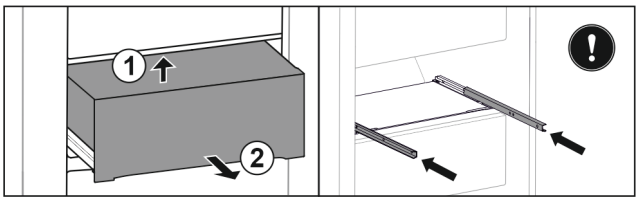


*Fig. 29 **

If the drawer is in the middle of the freezing compartment:*
▶ Pull out the drawer halfway.*
▶ Lift up at the back from below *Fig. 29 (1)*.*
▶ Remove to the front *Fig. 29 (2)*.*
▶ Slide the rails in.*

7.6.2 Inserting the drawer

Drawer on telescopic rails

Full extension:

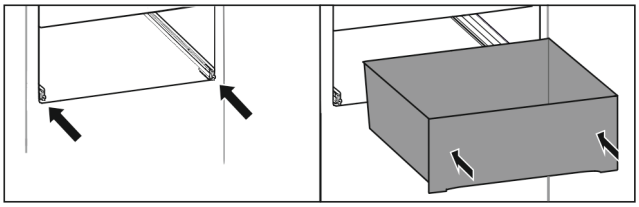


Fig. 30

▶ 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 freezing compartment*

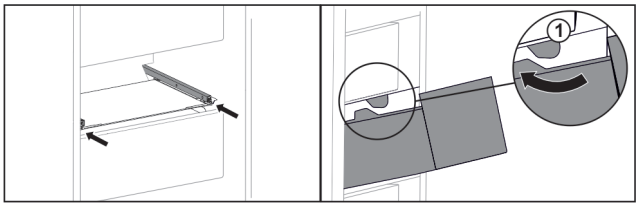


Fig. 31

▶ Slide the rails in.*
▶ Guide the drawer around the stoppers *Fig. 31 (1)*.*
▶ Place the drawer on the rails.*
▶ Push all the way back.*

7.7 Fruit & Vegetable-Safe cover

The compartment lid can be removed for cleaning.

7.7.1 Removing the compartment lid*

Make sure that the following requirements are fulfilled

❑ Bottle shelf is removed (see 7.5 Variable bottle shelf) .

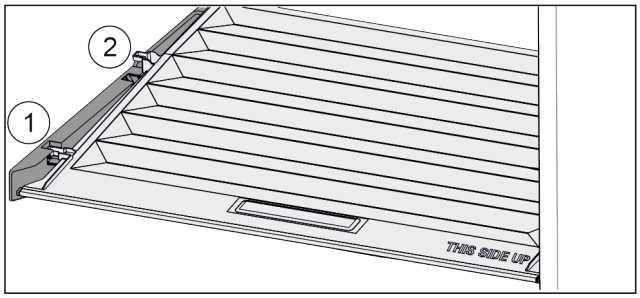


Fig. 32

If the drawers are removed:

▶ Pull the lid up at the front in the retaining parts to the opening *Fig. 32 (1)*.
▶ Lift from the back and pull it up and out *Fig. 32 (2)*.

7.7.2 Inserting the compartment lid

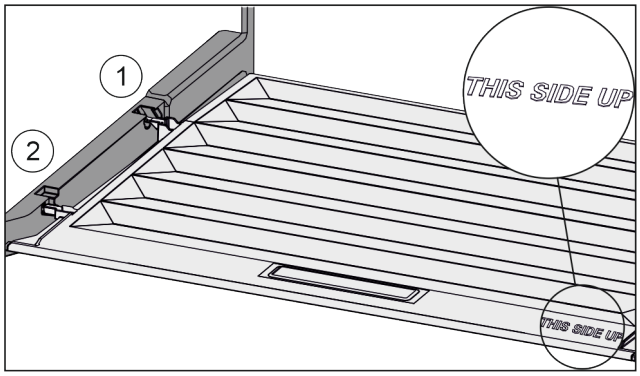


Fig. 33

If the text THIS SIDE UP is on top:

▶ Insert the lip of the cover over the opening of the rear bracket *Fig. 33 (1)* and click into place *Fig. 33 (2)*.
▶ Position the cover where you want it (see 7.8 Humidity control) .

7.8 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.

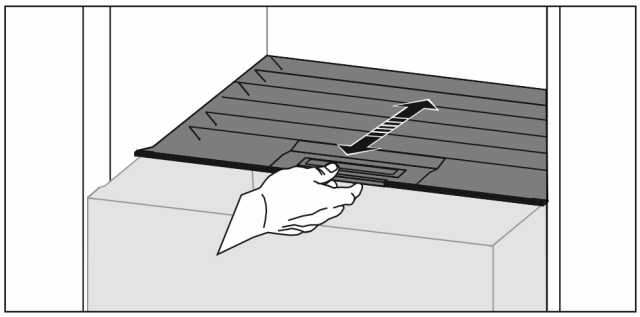


Fig. 34

Low air humidity

▶ Open the drawer.
▶ 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.

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 8.3.4 Cleaning the equipment) .
- The water tank is properly engaged.
- Moisture is set to “high moisture” (see 7.8 Humidity control) .
- HydroBreeze is on (see HydroBreeze*) .

7.9.1 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 Appliance and equipment overview) .

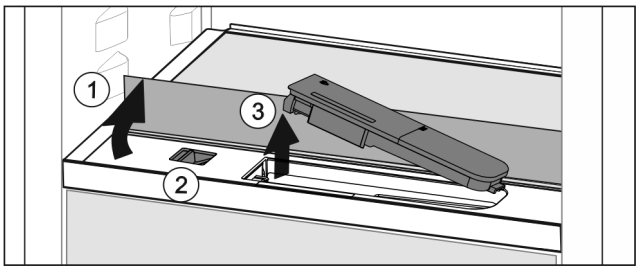


Fig. 35

▶ 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. 35 (1)*.
▷ The glass panel is upright.
▶ Slide the slider *Fig. 35 (2)* to the left.
▷ The water tank jumps out of its recess.
▶ Remove the water tank *Fig. 35 (3)*.

▶ Cleaning the water tank (see 8.3.4 Cleaning the equipment) .
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.

7.9.2 Disassembling the water tank

You can disassemble the water tank for cleaning.

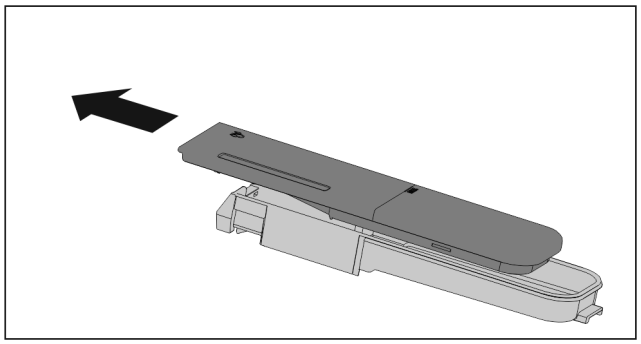


Fig. 36

▶ Disassemble the water tank.

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.

7.10.1 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.

7.11 VarioSpace

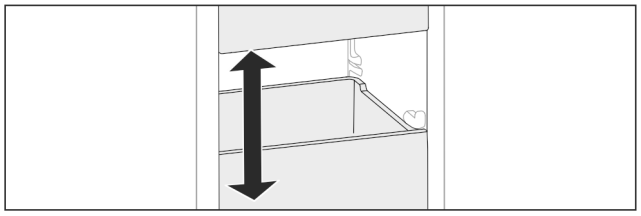


Fig. 37

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

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

7.12 Accessories

7.12.1 Butter dish*

Opening/closing the butter dish

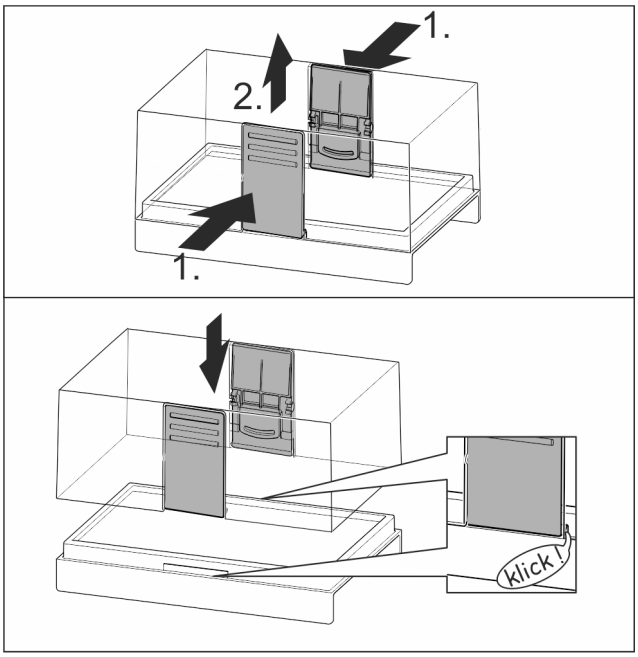


Fig. 38

Dismantling the butter dish

You can disassemble the butter dish for cleaning.

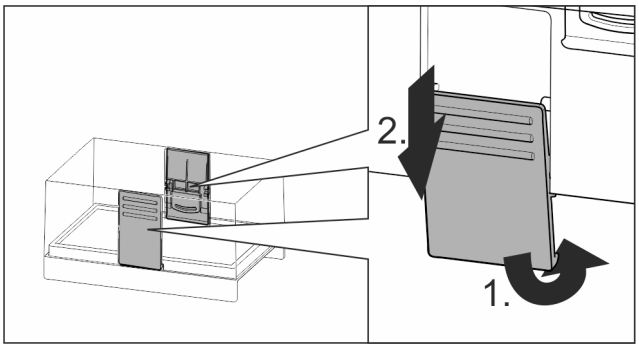


Fig. 39

▶ Disassemble the butter dish.

7.12.2 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

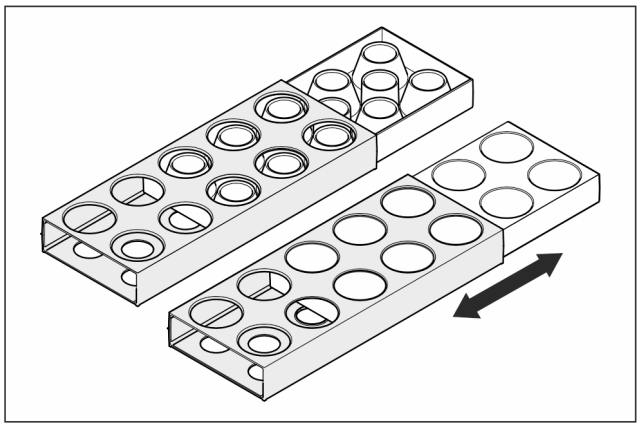


Fig. 40

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

7.12.3 Bottle rack*

Using the bottle rack

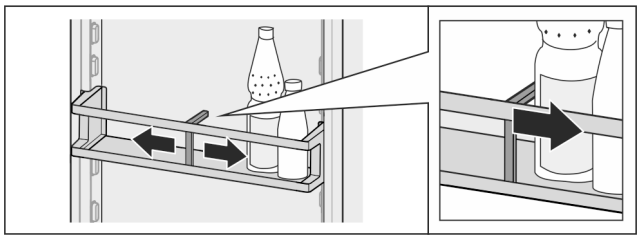


Fig. 41

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

Removing the bottle rack

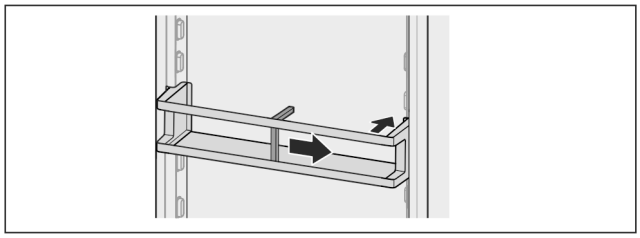


Fig. 42

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

FlexSystem

Using the FlexSystem*

The FlexSystem helps you store and arrange food clearly and in the way you want. It lets you clearly divide your food into fruit, vegetables or by use-by dates, for example.

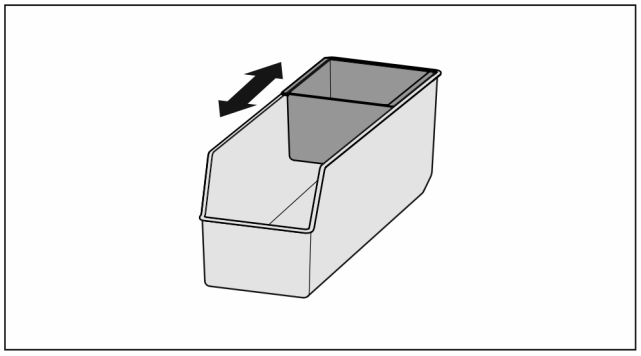


Fig. 43

▶ Move the inside tray.

Removing the FlexSystem

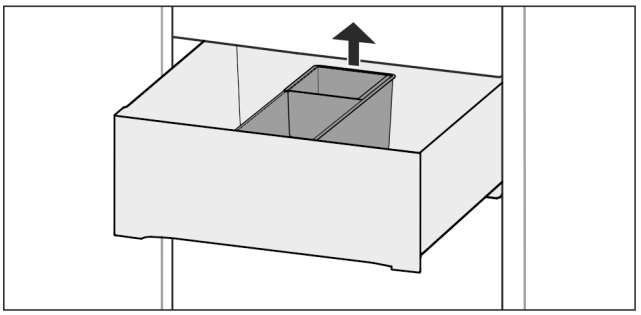


Fig. 44

▶ Lift the FlexSystem at the back.
▶ Pull up and out.

Inserting the FlexSystem

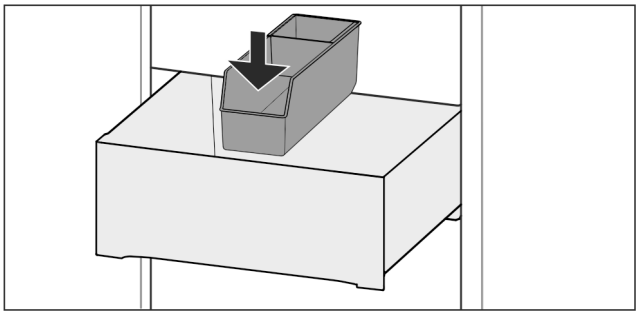


Fig. 45

▶ Insert front of the FlexSystem first.
▶ Lower the back part.

Disassembling the FlexSystem

The FlexSystem can be dismantled for cleaning.

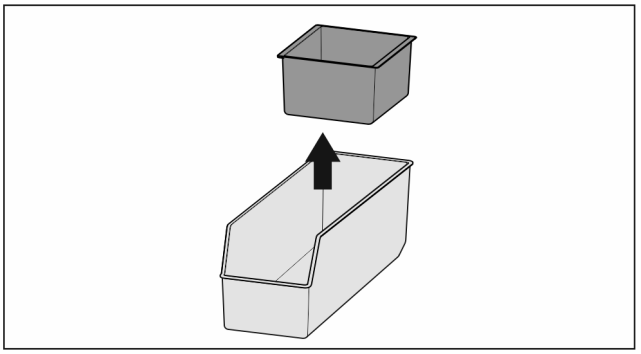


Fig. 46

▶ Dismantling the FlexSystem.

7.12.5 Freezer packs

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

The freezer packs are in the drawer.

Using the freezer packs

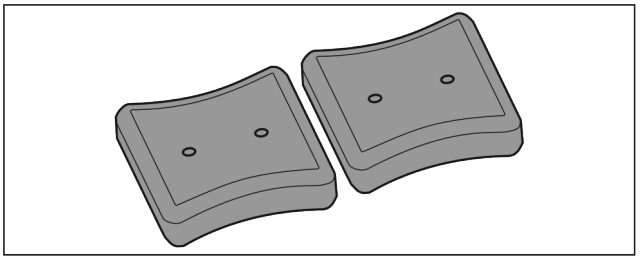


Fig. 47

When the freezer packs are fully frozen:

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

7.12.6 Ice cube tray with lid*

Using the ice cube tray

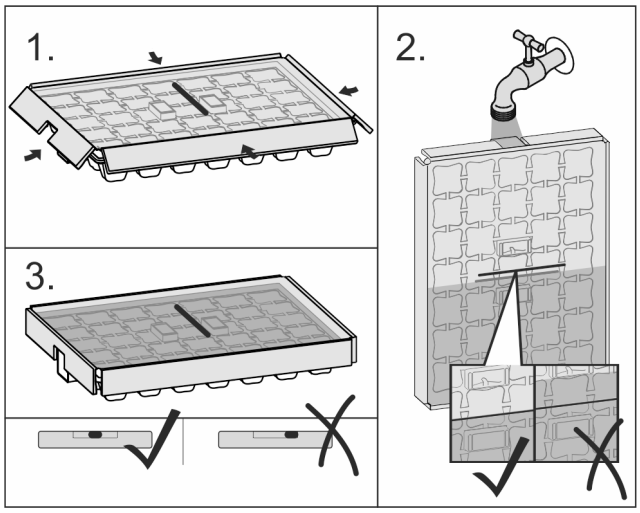


Fig. 48

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.

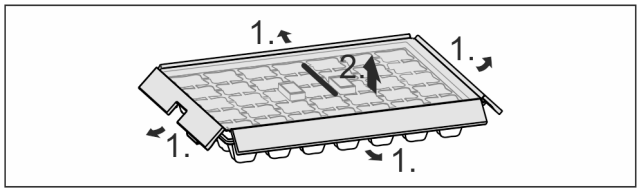


Fig. 49

▶ Disassemble the ice cube tray.

7.12.7 Flexible ice compartment divider*

Using the flexible ice compartment divider

Appliances with an IceMaker have a large ice cube tray with a movable divider so that food can be stored on the other side if necessary.

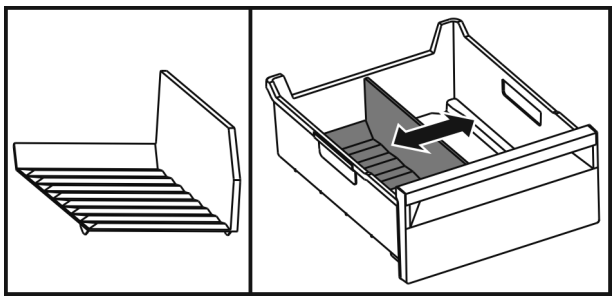
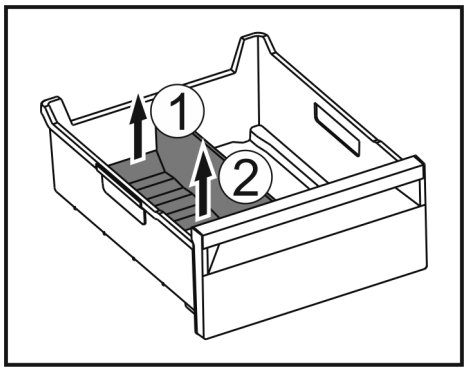


Fig. 50

▶ Move the divider.

Removing the flexible ice compartment divider



▶ Lift the back of the divider *Fig. 50 (1)*.
▶ Lift it up and out *Fig. 50 (2)*.

Putting in the flexible ice compartment divider

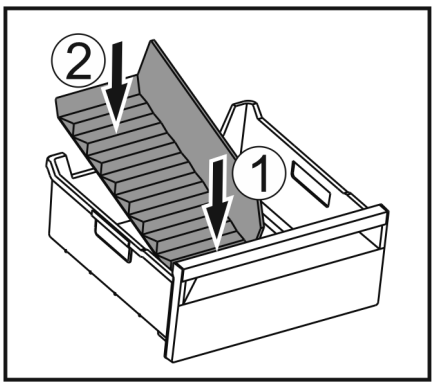


Fig. 51

▶ Put in the divider at the front at first *Fig. 51 (1)*.
▶ Lower the rear part *Fig. 51 (2)*.

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 (home.liebherr.com).

8.1.1 Removing the FreshAir carbon filter

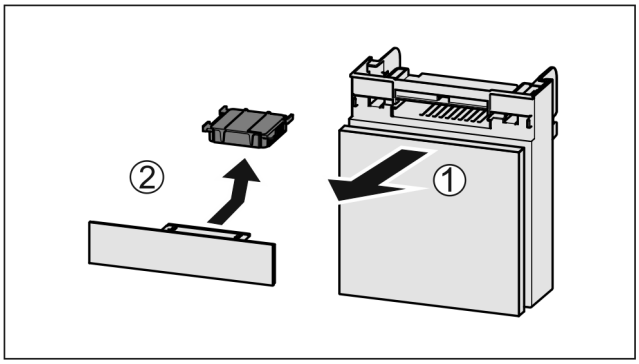


Fig. 52

▶ Pull out the compartment *Fig. 52 (1)*.

▶ Remove the carbon filter *Fig. 52 (2)*.

8.1.2 Inserting the FreshAir carbon filter

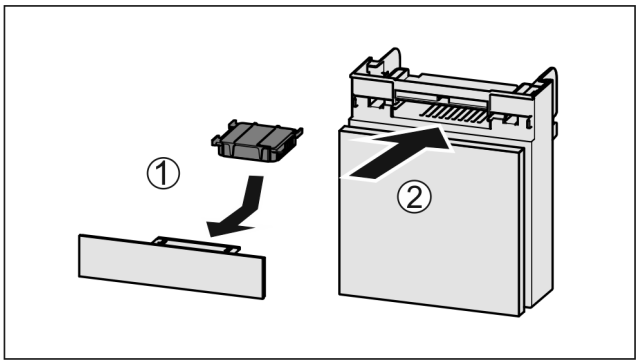


Fig. 53

▶ Insert the carbon filter as shown in the diagram *Fig. 53 (1)*.
▷ The carbon filter clicks into place.
If the carbon filter is pointing downwards:
▶ Push the compartment in *Fig. 53 (2)*.
▷ The carbon filter is now ready for use.

8.2 Defrosting the appliance

8.2.1 Defrosting the refrigerator compartment

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 8.3 Cleaning the appliance) .

8.2.2 Defrosting the freezer compartment with NoFrost

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

The appliance does not have to be defrosted.

8.3 Cleaning the appliance

8.3.1 Preparation

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

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

▶ Empty appliance.
▶ Pull out the power plug.
-or-
▶ Activate CleaningMode. (see CleaningMode)

8.3.2 Cleaning the housing

NOTICE
Improper cleaning!
Damage to the appliance.
▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
▶ Do not use steel wool or sponges that scour or scratch.
▶ Do not use caustic or abrasive cleaning materials or those containing sand, chloride, or acids.

WARNING
Risk of injury or damage due to hot steam.
Hot steam can cause scalding/burns and damage to surfaces.
▶ Do not use steam cleaners.

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

8.3.3 Cleaning the interior

NOTICE
Improper cleaning!
Damage to the appliance.
▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
▶ Do not use steel wool or sponges that scour or scratch.
▶ Do not use caustic or abrasive cleaning materials or those containing sand, chloride, or acids.

▶ Plastic surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.
▶ Metal surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.
▶ Drain outlet *Fig. 1 (12)*: Remove any deposits with a thin item such as a cotton bud.

8.3.4 Cleaning the equipment

NOTICE
Improper cleaning!
Damage to the appliance.
▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
▶ Do not use steel wool or sponges that scour or scratch.
▶ Do not use caustic or abrasive cleaning materials or those containing sand, chloride, or acids.

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

- VarioSafe
  *
- Fruit & Vegetable-Safe cover*
- Drawer
  Please note: Do not remove the magnet on the drawer. The magnet ensures that the IceMaker functions.*
- Divider in the IceMaker 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
- Bottle rack*
- Shelf

- Split shelf
- Holder for the split shelf
- HydroBreeze water tank and water tank lid*
- Egg rack*
- Butter dish*
- Ice cube tray*
- Ice cube scoop*

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

8.3.5 Cleaning the HydroBreeze*

We recommend cleaning in the following situations:

❑ Initial commissioning
❑ HydroBreeze was off for longer than 48 hours.
❑ Refill the water tank.

Make sure that the following requirements are fulfilled

❑ HydroBreeze is off (see HydroBreeze*) .
❑ Water tank was removed and cleaned in the dishwasher.

▶ Wipe out the recess with a damp cloth.
▶ Insert the water tank.
▶ Activate the HydroBreeze.

8.3.6 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.
❑ The IceMaker has been activated. (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 function. (see 6.2 Operating logic)
▷ The rinse process is prepared (max. 60 min.): The symbol flashes.
▷ Water pipes are rinsed: Symbol flashes.
▷ Rinsing process is complete: Function turns off automatically.
▶ 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.
▶ Dispose of any ice cubes that are produced within 24 hours of the first ice cube production.

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.

8.3.7 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 550 mm (see installation instructions, appliance dimensions)	Appliance width 600 mm (see installation instructions, appliance dimensions)	Appliance width 700 mm (see installation instructions, appliance dimensions)
Partial pull-out freezer compartment*	12 kg*	15 kg*	25 kg*

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

Ice cube production with IceMaker*	
Ice cube production / 24 h	At a temperature of -18 °C: 1.2 kg of ice cubes
Maximum ice cube production / 24 h	When the MaxIce function is active: 1.5 kg of ice cubes

Time required to reach various temperatures with VarioTemp		
Initial temperature	Target temperature	Time required to reach target temperature
-18 °C	0 °C	>8 h
-18 °C	8 °C	>12 h
8 °C	14 °C	>6 h
14 °C	-18 °C	>4 h

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.

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 and off.	Normal switching noise
Rattling or humming	Valves are active.	Normal switching noise

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

9.3 Technical faults

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

You may be able to rectify the following faults yourself.

9.3.1 Appliance function

Defect	Cause	Remedy
The appliance does not work.	→ The appliance is not switched on.	▶ Switch on the appliance.
	→ The power plug is not properly inserted in the wall socket.	▶ Check the power plug.
	→ The powerfuse in the wall socket is not OK.	▶ Check the fuse.
	→ Power failure.	▶ Keep the appliance closed. ▶ Protect your food: Lay freezer packs on top of the food or use another freezer if the power is off for a prolonged period. ▶ Do not re-freeze defrosted food.
	→ The appliance connector is not correctly inserted in the appliance.	▶ Check the appliance connector.
The temperature is not cold enough	→ This means that the door of the appliance is not closed properly	▶ Close the appliance door
	→ Insufficient ventilation	▶ Clear and clean the ventilation grille.
	→ The ambient temperature is too high	▶ Solution: (see 1.3 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 temperature is incorrectly set	▶ Set to a colder temperature and check after 24 hours.

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

9.3.2 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*
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:	**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.
- ▶ Repairs and work on the appliance and the power supply cable not described in the Manual (see 8 Maintenance) should only be carried out by a qualified service provider.
- ▶ A damaged power cable may only be replaced by the manufacturer, the manufacturer's Customer Service or a similarly qualified person.
- ▶ For appliances with an IEC connector, the change can be made by the customer.

9.4.1 Contact Customer Service

Make sure to have the following appliance information to hand:

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

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

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

9.5 Rating plate

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

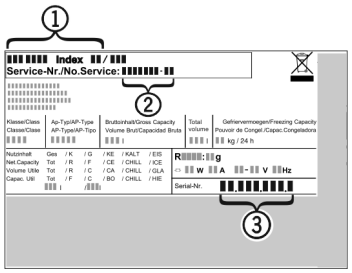


Fig. 54

(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 8.3 Cleaning the appliance) .
▶ Leave the door open to prevent bad smells

11 Disposal

11.1 Preparing appliance for disposal

Li-Ion

Liebherr uses batteries in some of its appliances. In the EU, for environmental reasons, legislation obliges the end user to remove these batteries before disposing of the old appliances. If your appliance contains batteries, a corresponding notice is attached to the appliance.

Lamps — If you can remove the lamps yourself without destroying them, also remove these before disposal.

▶ Take the appliance out of operation.
▶ Appliance with batteries: Remove the batteries. For description, see **Maintenance** chapter.
▶ If possible: Remove lamps without destroying them.

11.2 Disposing of the appliance in an environmentally friendly manner

The appliance still contains valuable materials and must be collected separately from unsorted municipal waste so it can be recycled.

Li-Ion Li-Ion

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

Lamps — Dispose of removed lamps via the respective collection systems.

For Germany: — You can dispose of the appliance free of charge via the class 1 collection containers at the local recycling and recyclable material collection centers. When purchasing a new fridge/freezer, if the sales area > 400 m^2, retailers will also take back the old appliance free of charge.

WARNING
Leaking refrigerant and oil!
Fire. The refrigerant contained within the appliance is environmentally friendly, but flammable. The oil contained within the appliance is flammable. Escaping refrigerant and oil can ignite if they are of high enough concentration and are exposed to an external heat source.
- ▶ Do not damage the pipelines of the coolant circuit and the compressor.

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



home.liebherr.com/fridge-manuals

EN Combined fridge-freezer with BioFresh

Issue date: 20220719

Part number index: 7080470-00

Liebherr-Hausgeräte Marica EOOD
Bezirk Plovdiv
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Bulgarien



Installation Guide

Quality, Design and Innovation



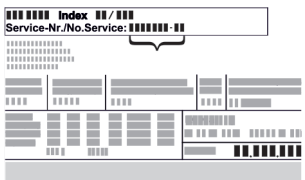
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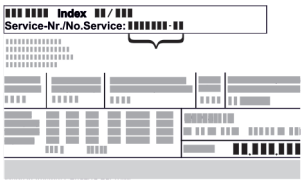
The manufacturer is continually working on the further development of all types and models. Please be aware that we reserve the right to make changes to the shape, equipment and technology.

Symbol	Explanation
	**Read instructions** Please read the information in these instructions carefully to understand all of the benefits of your new appliance.
	**Full instructions on the internet** You can find detailed instructions on the internet using the QR code on the front of these instruction or by entering the service number at **home.liebherr.com/fridge-manuals**. The service number can be found on the serial tag:  *Fig.* Example illustration

Symbol	Explanation
	**Check appliance** Check all parts for transport damage. If you have any complaints, please contact your agent or customer service.
	**Differences** These instructions apply to a range of models, so differences are possible. Sections that apply to certain models only are marked with an asterisk (*).
	**Instructions and results** Instructions are marked with a ▶. Results are marked with a ▷.
	**Videos** Videos about the appliances are available on the YouTube channels of Liebherr-Hausgeräte.

1 General safety instructions

- Please keep this assembly manual in a safe place so you can refer back to it at any time.
- If you pass the appliance on, please hand this assembly manual to the next user.
- Read this assembly manual carefully before installation and use to ensure safe and correct use of the appliance. Follow the instructions, safety instructions and warning messages included at all times. They are important for ensuring you can operate and install the appliance safely and without any problems.
- First read the general safety instructions in the “General safety instructions” section of the **operating instructions**, which accompany these installation instructions, and follow them. If you cannot find the **operating instructions**, you can download the **operating instructions** from the internet by entering the service number at **home.liebherr.com/fridge-manuals**. The service number can be found on the serial tag:



- **Observe the warning messages and other detailed information in the other sections when installing the appliance:**

	DANGER	identifies a situation involving direct danger which, if not obviated, may result in death or severe bodily injury.

* Depending on model and options

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

2 Installation conditions

⚠ **WARNING**
Fire hazard due to dampness!
If live parts or the mains lead become damp this may cause short circuits.
▶ The appliance is designed for use in enclosed areas. Do not operate the appliance outdoors or in areas where it is exposed to splash water or damp conditions.

Intended use
- Install and use the appliance in indoor spaces only.

2.1 Location

⚠ **WARNING**
Leaking coolant and oil!
Fire. The coolant contained in the appliance is eco-friendly, but also flammable. The oil contained in the appliance is flammable. Escaping coolant and oil can ignite if the concentration is high enough and in contact with an external heat source.
▶ Do not damage the pipelines of the coolant circuit and the compressor.

- If the appliance is installed in a very humid environment, condensation can build up on the outside of the unit. Always make sure the installation location is well ventilated .
- The more coolant there is in the appliance, the larger the room in which the appliance is installed must be. If the room is too small, any leak may create a flammable mixture of gas and air. For each 8 g of coolant the installation space must be at least 1 m^3. Information on the coolant is on the model plate inside the appliance.

2.1.1 Supporting floor

- The floor of the installation site must be horizontal and even.
- The surface supporting the appliance must be at the same level as the surrounding floor.

2.1.2 Positioning

- Do not install the appliance in direct sunlight, next to an oven, radiator or similar.
- Install the appliance with the rear panel up against the wall and always use the supplied wall spacers (see below).

2.2 Building the appliance into kitchen units

The appliance can be built into kitchen units.

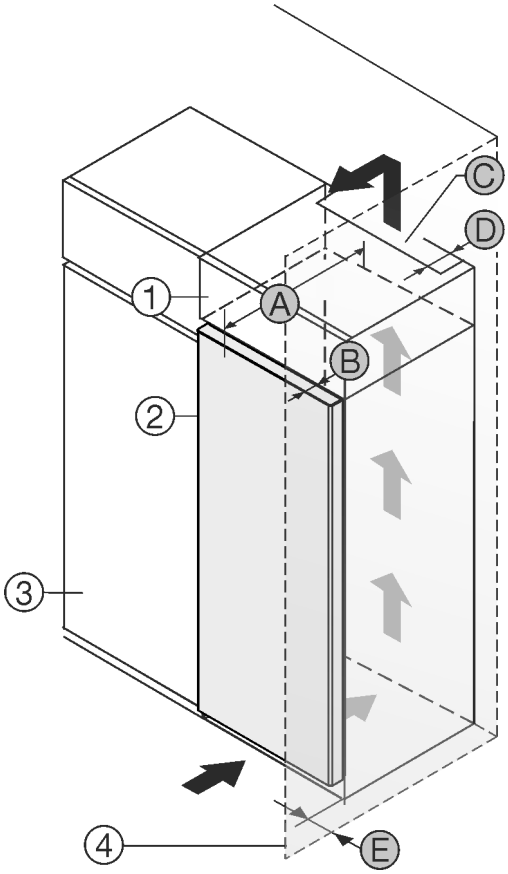


*Fig. 1 **

(1) Top cupboard
(2) Appliance
(3) Kitchen cabinet
(4) Wall
(A) Appliance depth
(B) Door depth
(C) Ventilation cross section
(D) Distance to the back of the appliance
(E) Distance to the side of the appliance

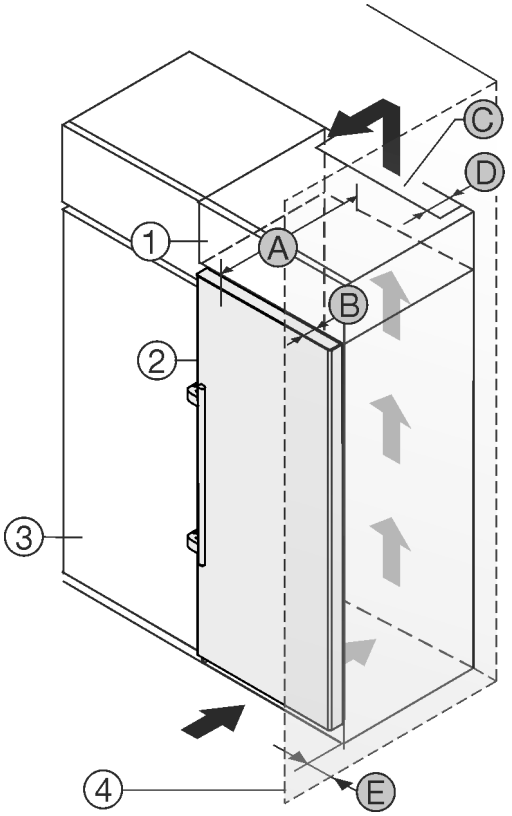


Fig. 2 *

(1) Top cabinet
(2) Appliance
(3) Kitchen cabinet
(4) Wall
(A) Appliance depth
(B) Door depth
(C) Ventilation cross section
(D) Distance to the back of the appliance
(E) Distance to the side of the appliance

A*	B*	C*	D*	E*
675 mm[x]	65 mm	Min.300 cm²	Min.50 mm	Min.13 mm

Appliances without handle / with recessed grip

A*	B*	C*	D*	E*
675 mm[x]	75 mm	Min.300 cm²	Min.50 mm	Min.57 mm

Appliances with lever handle

Set up the appliance directly next to the kitchen cabinet *Fig. 1 (3)*.*

There must be a ventilation shaft at the depth *Fig. 1 (D)* of the back of the top cupboard over the entire width of the top cupboard.*

The ventilation cross-section *Fig. 1 (C)* must be maintained under the ceiling.*

If the appliance is set up with the hinges next to a wall *Fig. 1 (4)*, the distance between the appliance and the wall must be at least 13 mm.*

If the appliance is set up with the hinges next to a wall *Fig. 1 (4)*, the distance between the appliance and the wall must be at least 20 mm.*

If the appliance is set up with the hinges next to a wall *Fig. 1 (4)*, the distance between the appliance and the wall must be at least 57 mm. This is how far the handle protrudes when the door is open.*

In order to be able to fully open the door, the appliance must protrude by the depth of the door *Fig. 1 (B)* from the front of the kitchen cabinet. The appliance may protrude further depending on the depth of the kitchen cabinets *Fig. 1 (3)* and whether wall spacers are used.*

Set up the appliance directly next to the kitchen cabinet *Fig. 2 (3)*.*

There must be a ventilation shaft at the depth *Fig. 2 (D)* of the back of the top cupboard over the entire width of the top cupboard.*

The ventilation cross-section *Fig. 2 (C)* must be maintained under the ceiling.*

If the appliance is set up with the hinges next to a wall *Fig. 2 (4)*, the distance between the appliance and the wall must be at least 57 mm. This is how far the handle protrudes when the door is open.*

In order to be able to fully open the door, the appliance must protrude by the depth of the door *Fig. 2 (B)* from the front of the kitchen cabinet. The appliance may protrude further depending on the depth of the kitchen cabinets *Fig. 2 (3)* and whether wall spacers are used.*

Note
Please contact Customer Services to acquire a kit to limit the door opening angle to 90° for appliances with soft close mechanisms.

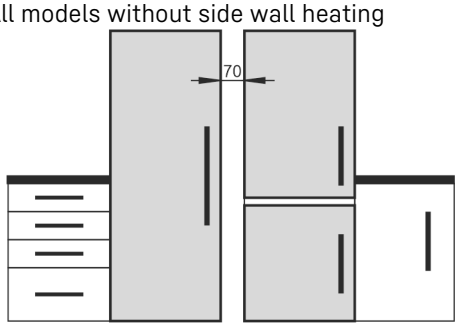
Ensure that the following conditions are met:

- Recess dimensions are adhered to .
- Ventilation requirements are complied with (see 4 Ventilation requirements) .

2.3 Installing multiple appliances

NOTICE
Risk of damage due to condensate!
▶ Do not install the appliance directly alongside a further refrigerator/freezer.

These appliances are designed for a variety of installation options. Combine appliances only if the appliance is suitable. The following table shows the installation options by model:

Installation option	Model
Single	All models
Side-by-side (SBS)	Model names starting with **S...**. See the supplied SBS installation guide for the correct positioning.
Side-by-side with a gap of 70 mm between appliances Otherwise condensation will build up between the units.	All models without side wall heating  *Fig. 3*

Assemble the appliances together, following their specific installation instructions.

*** Depending on model and options**

2.4 Mains connection

WARNING
Improper use!
Fire. If a mains cable/plug comes into contact with the back of the appliance, the mains cable/plug can be damaged by appliance vibrations and this may result in a short circuit.
- ▶ Stand the appliance so that it is not touched by connectors or main cables.
- ▶ Do not connect any appliances to sockets in the area of the back of the appliance.
- ▶ Multi-sockets/power distributors and other electronic appliances (such as halogen transformers) may not be placed and operated at the back of appliances.

3 Installation dimensions

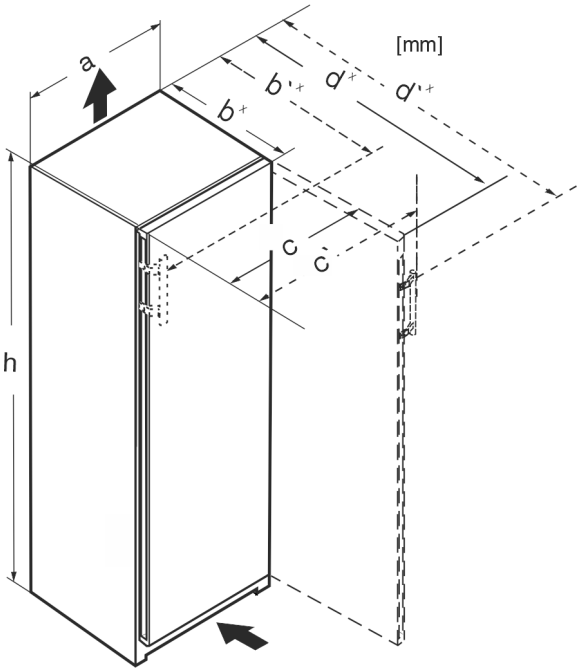


Fig. 4

	h	a	b	b'	c	c'	d	d'
RBa 4250	1255	597	675[x]	719[x]	609	654	1215[x]	1222[x]
R(sd)d 5250	1855	597	675[x]	719[x]	609	654	1215[x]	1222[x]
RB(sd)(bsc)(d) 5250	1855	597	675[x]	719[x]	609	654	1215[x]	1222[x]
SR(B)sdd 5250	1855	597	675[x]	719[x]	609	654	1215[x]	1222[x]
RBstd 528i	1855	597	675[x]	–	609	–	1217[x]	–
SRB(bs)(st)d 528i	1855	597	675[x]	–	609	–	1217[x]	–
RBbsc 5280	1855	597	675[x]	–	609	–	1217[x]	–
SRBstd 5280	1855	597	675[x]	–	609	–	1217[x]	–
SRB(bs)(st)d 529i	1855	597	675[x]	719[x]	609	654	1215[x]	1222[x]
SRBsdd 5260	1855	597	675[x]	719[x]	609	654	1215[x]	1222[x]

[x] For appliances with supplied wall spacers, the dimensions must be increased by 15 mm .

4 Ventilation requirements

NOTICE
Danger of overheating due to insufficient air ventilation!
The compressor may be damaged if there is insufficient air ventilation.
- ▶ Take care to ensure adequate air ventilation.
- ▶ Observe the ventilation requirements.

If the appliance is integrated into a fitted kitchen, the following ventilation requirements must be adhered to:
- There are spacer fins at the back of the appliance to provide sufficient ventilation. Make sure that these are not positioned in recesses or openings.
- As a rule, the larger the ventilation space the more efficiently the appliance can run.

5 Transporting the device

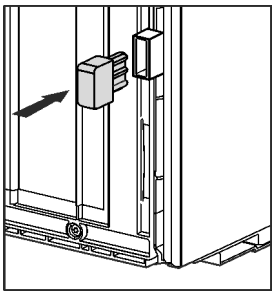
- ▶ Transport the appliance in its packaging.
- ▶ Transport the appliance upright.
- ▶ Use two people to transport the appliance.

6 Unpacking the appliance

Before you connect the appliance, report any damage immediately to the delivery company.
- ▶ Check the appliance and the packaging for damage during transport. Contact the supplier immediately if you suspect any level of damage.
- ▶ Remove all materials from the back or the side walls of the appliance that may prevent proper installation or ventilation.
- ▶ Remove all protective films from the appliance. Do not use sharp or pointed objects for this.

7 Mounting wall spacers

The wall spacers must be used to achieve the declared energy consumption value and to prevent condensation in the event of high surrounding humidity. This increases the appliance depth by approx. 15 mm. The appliance will work perfectly well without the spacers but will consume slightly more energy.
- ▶ If your appliance is supplied with wall spacers, mount these on the back of the appliance, bottom left and right.



8 Setting up the appliance

CAUTION
Risk of injury!
- ▶ The appliance must be transported to its place of installation by two people.

CAUTION
Risk of injury and damage!
The door may strike the wall and be damaged as a result. In the case of glass doors, the damaged glass may cause injuries!
- ▶ Protect the glass door from striking against the wall. Fit a door stop, e.g. one made of felt, to the wall.
- ▶ A limiter restricting door opening to 90° can be ordered from the aftersales service.

WARNING
Unstable appliance!
Risk of injury and damage. The appliance can topple over.
- ▶ Attach the appliance according to the operating instructions.

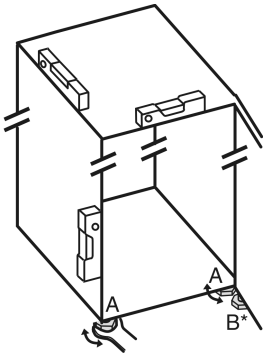
WARNING
Fire hazard and danger of damage!
- ▶ Do not place appliances emitting heat e.g. microwaves, toasters etc. on the appliance!

Ensure that the following conditions are met:
- ❑ Only move the device when it is not loaded.
- ❑ Only set up the appliance when someone is available to help.

9 Setting up the appliance so that it is level

CAUTION
Risk of injury or damage from the appliance tipping or the door falling open!
If the additional adjustable foot on the base support is not correctly positioned on the floor, there is a risk of the door falling open or the appliance tipping. This can lead to injury or property damage.
- ▶ Unscrew the additional adjustable foot on the support until it reaches the floor.
- ▶ Then turn it another 90°.

- ▶ Set up the appliance so that it is level using the supplied open-ended wrench to turn the adjustable feet (A) and a spirit level.
- ▶ Then prop up the door: Turn the adjustable foot (B) on the bearing bracket until it comes into contact with the floor, then turn an additional 90°.



- ▶ Then prop up the door: Turn the adjustable foot on the bearing bracket (B) using the open-ended wrench SW10 until it comes into contact with the floor, then turn an additional 90°.

10 After setting up

- ▶ Take off the protective film from the exterior of the appliance.
- ▶ Take off the protective film from the trim panels.
- ▶ Take off the protective film from the trim panels and drawer fronts.
- ▶ Take off the protective film from the stainless steel rear panel.
- ▶ Remove all transport safety components.
- ▶ Clean the appliance .
- ▶ Note the type (model, number), appliance designation, appliance/serial number, purchase date and dealer's address in the fields provided for this .

11 Disposing of packaging

WARNING
Danger of suffocation due to packing material and plastic film!
- ▶ Do not allow children to play with packing material.

The packaging is made of recyclable materials:
- corrugated board/cardboard
- expanded polystyrene parts
- polythene bags and sheets
- polypropylene straps
- nailed wooden frame with polyethylene panel*
- ▶ Take the packaging material to an official collecting point.

12 What the symbols mean

	Risk of injury here! Follow the safety notes!
	These instructions apply to a range of models. Follow this step only if it applies to your appliance.
	To install, please follow the detailed description in the Guide.
	This section applies either to a single-door appliance or a double-door appliance.
	Choose one of the options: Appliance with right-hinged door or appliance with left-hinged door.
	Installation step required if your model has IceMaker and/or Infinity-Spring.
	Just loosen the screws or tighten them slightly.
	Tighten the screws.

*** Depending on model and options**

	Check to see if the next step applies for your model.
	Check the correct assembly/seat of the components used.
	Measure the specified measurement and adjust if necessary.
	Tool for assembly: Metre rule
	Tool for assembly: Cordless screwdriver and attachments
	Tool for assembly: Spirit level
	Tool for assembly: Size 7 and size 10 spanners
	Two people are required for this step.
	Carry out this step at the marked place on the appliance.
	Aids for assembly: String
	Aids for assembly: Square
	Aids for assembly: Screwdriver
	Aids for assembly: Scissors
	Aids for assembly: Non-permanent marker pen
	Accessory kit: Remove components
	Dispose of components that are no longer needed.

13 **** freezer compartment door*

It is very easy to reposition the hinge of the **** freezer compartment door if the main door hinge is swapped. If the main door of the appliance can be opened to more than 115° (1), you can open the freezer compartment without repositioning the hinge. If the opening angle (2) of the appliance door is less than this, the hinge must be repositioned.

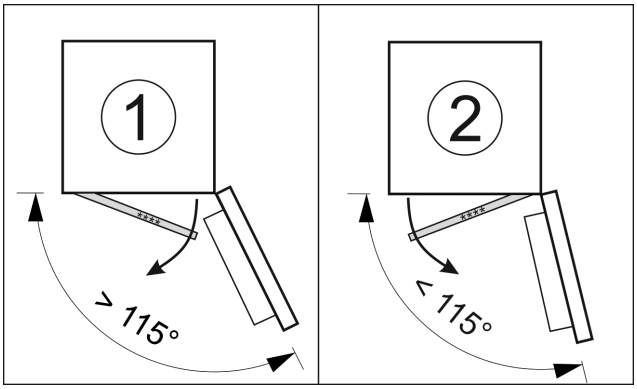


Fig. 5

13.1 Moving the door hinge

The slider for moving the door hinge is located on the back of the **** freezer compartment door at the bottom.

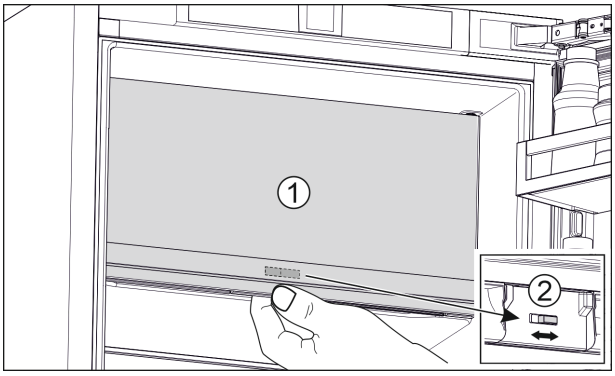


Fig. 6

▶ Close the **** freezer compartment door (1).
▶ Grab the **** freezer compartment door from below.
▶ Move the slider (2) either to the right or to the left.

14 Door hinge change

Tools

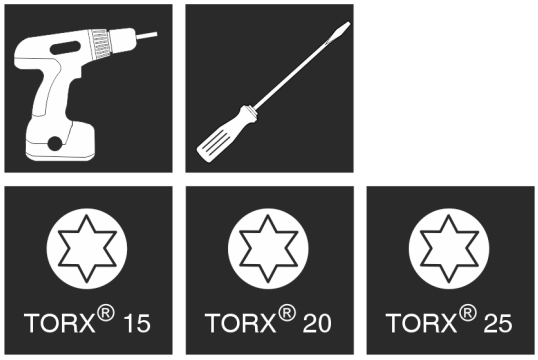


Fig. 7

WARNING
Danger of injury due to door falling out!
If the bearing parts are not screwed on tightly enough, the door may fall out. This can result in serious injuries. In addition, the door may not close with the result that the appliance does not cool properly.
- ▶ Screw on the bearing brackets/bearing pins tightly with 4 Nm.
- ▶ Check all screws and retighten them if necessary.

NOTICE
Risk of condensation damage for Side-by-Side appliances!
Certain appliances can be set up as Side-by-Side combinations (two appliances next to each other).
If your appliance is **a Side-by-Side (SBS) appliance**:
- ▶ Set up the SBS combination in accordance with the enclosed document.

If the **positioning of the devices is stipulated**:
- ▶ Do not change the door hinges over.

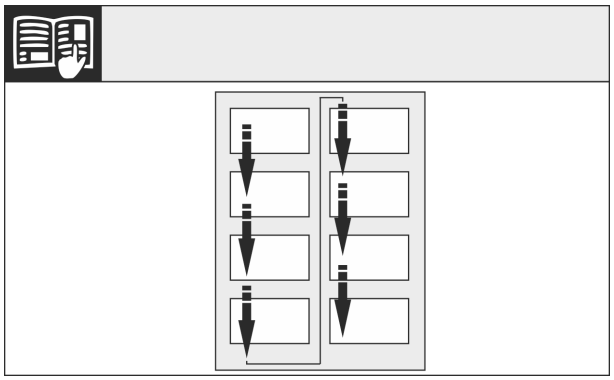


Fig. 8

Remember the reading direction.

14.1 Removing the soft stop mechanism

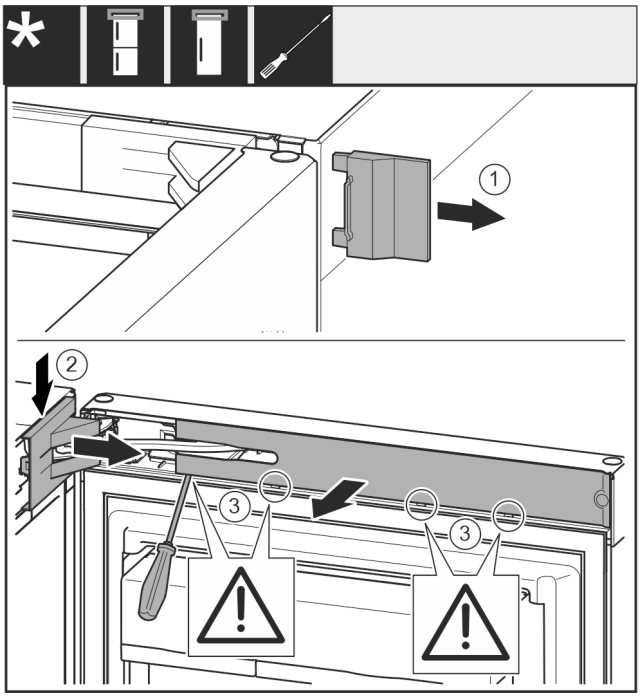


Fig. 9

- ▶ Open the door.

NOTICE
Risk of damage!
If the door seal is damaged, the door may fail to close properly and the cooling will be inadequate.
- ▶ Do not damage the door seal with the screwdriver!

- ▶ Remove the outer cover. *Fig. 9 (1)*
- ▶ Disengage and release the bearing bracket cover. Remove the bearing bracket cover. *Fig. 9 (2)*
- ▶ Unlatch the panel with a slotted screwdriver and swivel it to one side. *Fig. 9 (3)*

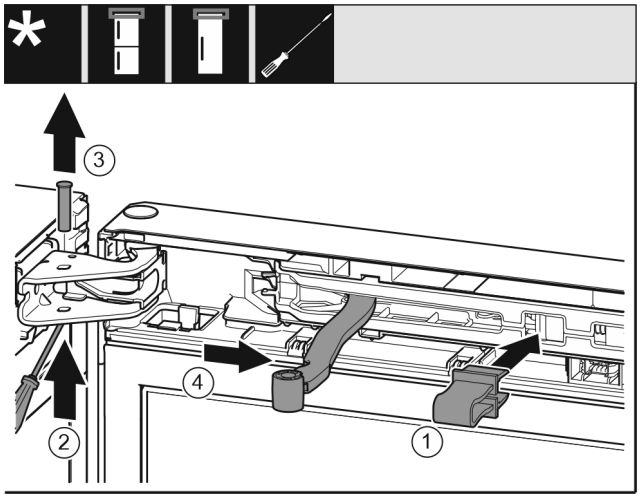


Fig. 10

CAUTION
Crushing hazard by joint folding up!
- ▶ Engage safety device.

- ▶ Engage the locking device in the opening. *Fig. 10 (1)*
- ▶ Push out the bolt with a screwdriver. *Fig. 10 (2)*
- ▶ Remove the bolt upwards. *Fig. 10 (3)*
- ▶ Turn the hinge in the direction of the door. *Fig. 10 (4)*

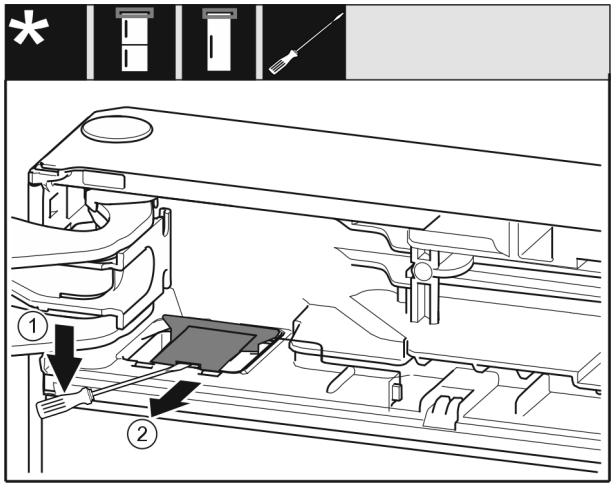


Fig. 11

- ▶ Unlatch the cover with a slotted screwdriver and lift it up. *Fig. 11 (1)*
- ▶ Take out the cover. *Fig. 11 (2)*

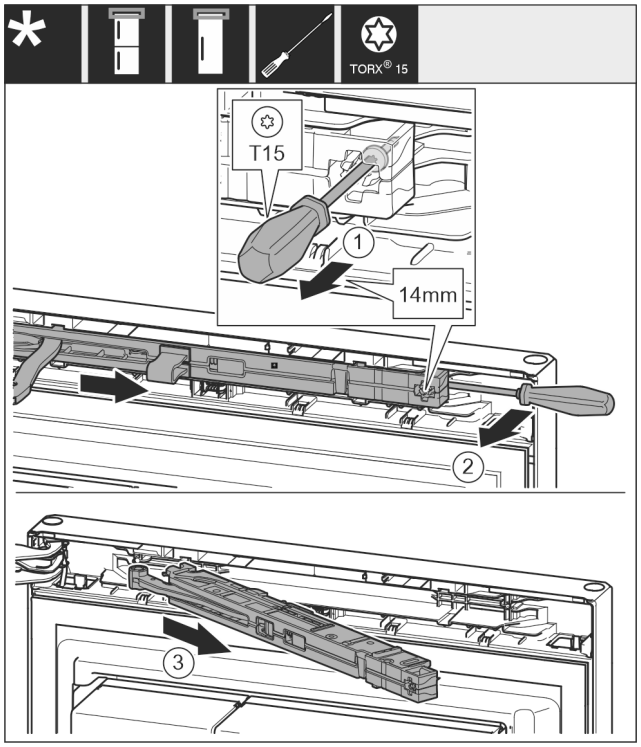


Fig. 12

- ▶ Undo the soft stop mechanism screw with a T15 screwdriver approx. 14 mm. *Fig. 12 (1)*
- ▶ Insert a screwdriver behind the soft stop mechanism on the handle side and rotate the unit forwards. *Fig. 12 (2)*
- ▶ Remove the soft stop mechanism. *Fig. 12 (3)*

14.2 Removing the door

Note

- ▶ Remove any food from the door racks before removing the door, so that no food falls out.

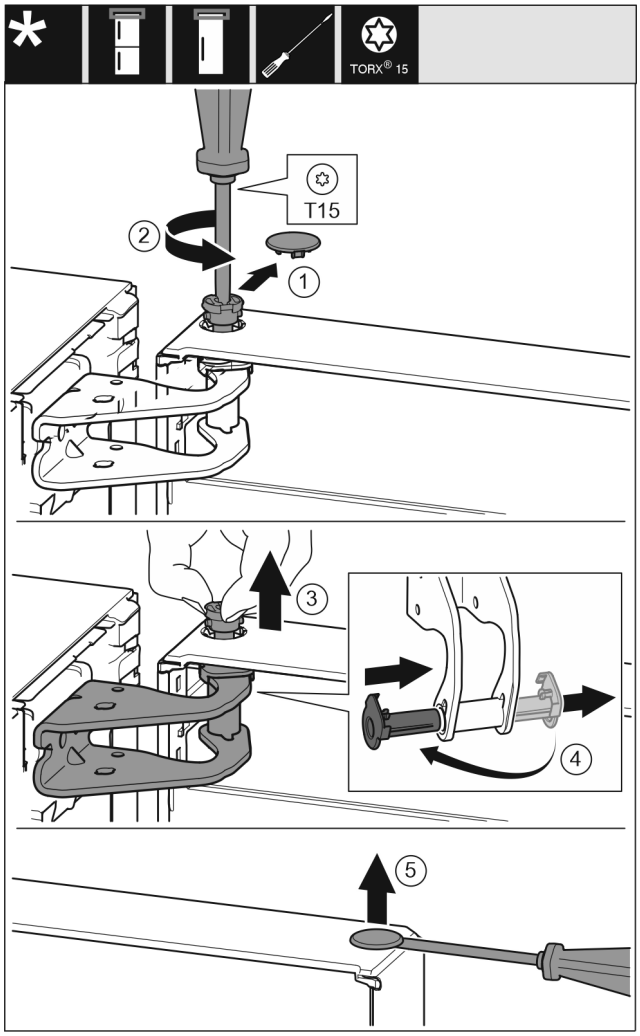


Fig. 13

CAUTION

Risk of injury if the door tips!

- ▶ Take good hold of the door.
- ▶ Set down the door carefully.

- ▶ Carefully remove the protective cover. *Fig. 13 (1)*
- ▶ Undo the bolt a little with a T15 screwdriver. *Fig. 13 (2)*
- ▶ Hold the door and remove the bolts with your fingers. *Fig. 13 (3)*
- ▶ Pull the bearing bush out of the guide. Insert from the other side and latch into place. *Fig. 13 (4)*
- ▶ Lift the door and place it to one side.
- ▶ Carefully lift the plugs out of the door bearing bush with a slotted screwdriver and pull them out. *Fig. 13 (5)*

14.3 Reversing the freezer compartment door*

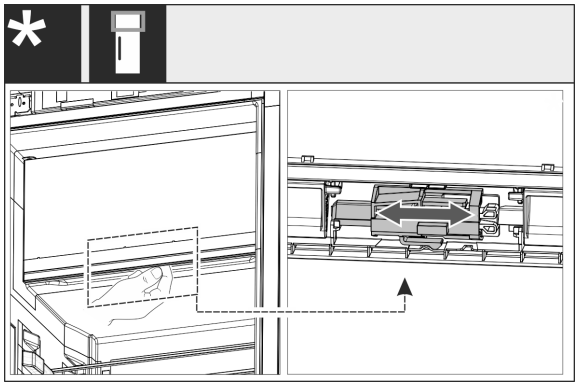


Fig. 14

▶ For single-door appliances: Reverse the door hinge of the 4-star compartment by shifting the lever. The door of the 4-star compartment must be shut for this. Move the lever on the back of the door from below.

14.4 Moving the upper bearing parts to the other side

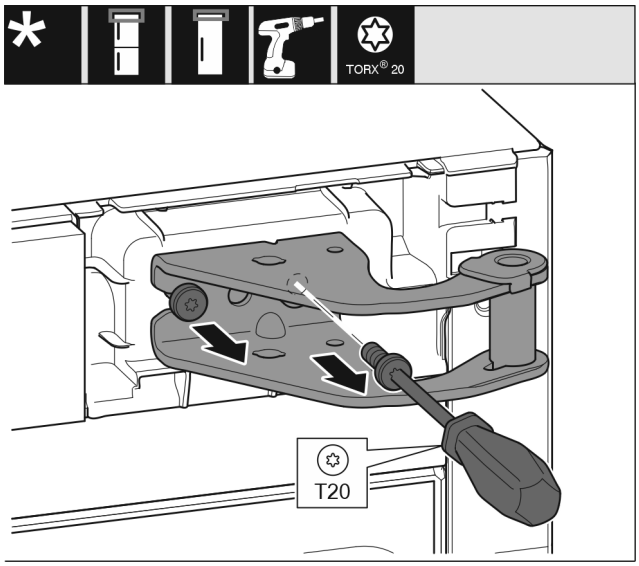


Fig. 15

▶ Remove both screws with a T20 screwdriver.
▶ Lift up and remove the bearing bracket.

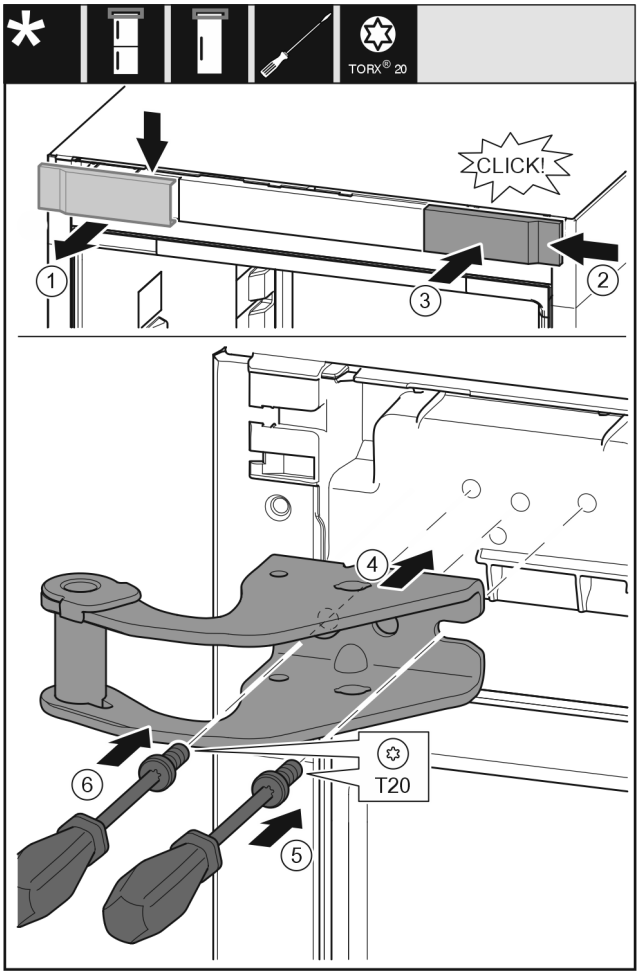


Fig. 16

▶ Take off the cover from above to the front. *Fig. 16 (1)*
▶ Rotate the cover 180° and clip onto the other side from the right. *Fig. 16 (2)*
▶ Latch the cover into place. *Fig. 16 (3)*
▶ Position the upper bearing bracket. *Fig. 16 (4)*
▶ Insert the screw with a T20 screwdriver and tighten it. *Fig. 16 (5)*
▶ Insert the screw with a T20 screwdriver and tighten it. *Fig. 16 (6)*

14.5 Moving the lower bearing parts to the other side

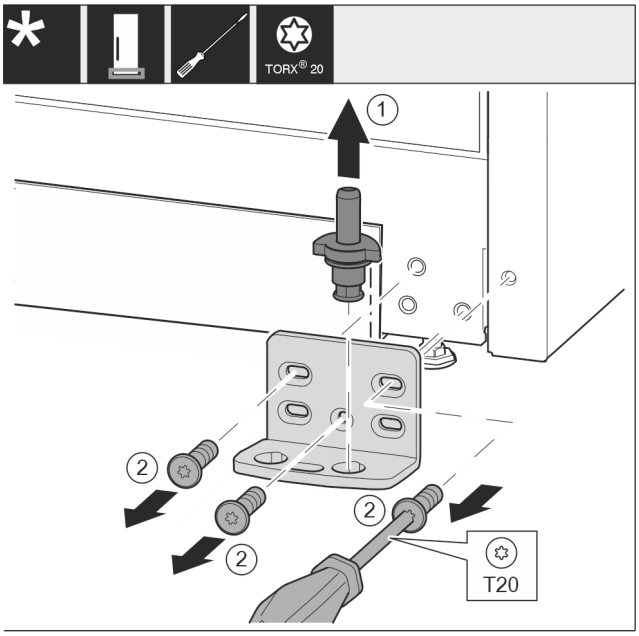


Fig. 17

- ▶ Lift the bearing pin completely upward and pull it out. *Fig. 17 (1)*
- ▶ Take out the screws with a T20 screwdriver and take off the bearing bracket. *Fig. 17 (2)*

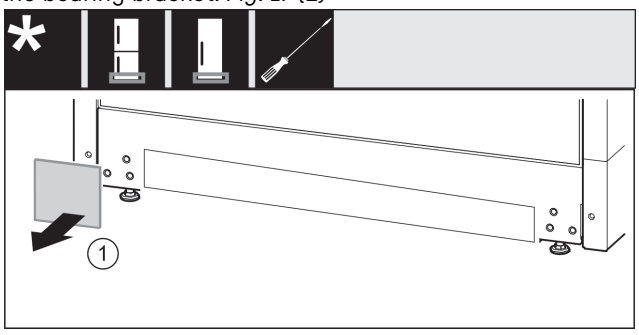


Fig. 18

- ▶ Remove the cover. *Fig. 18 (1)*

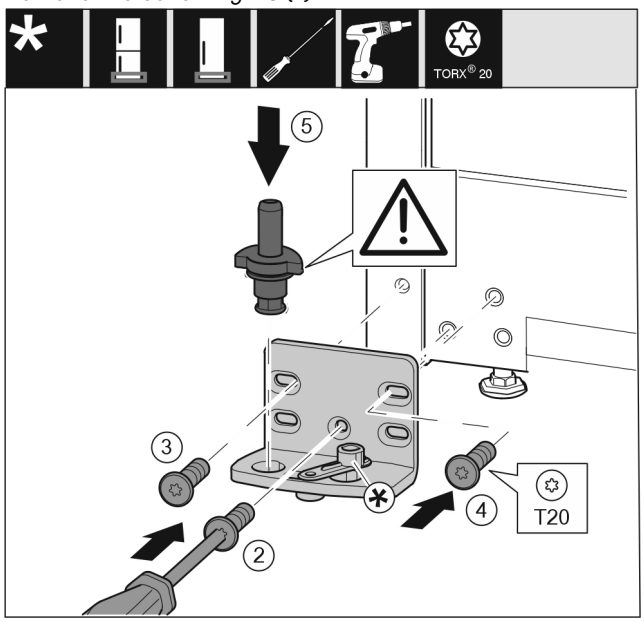


Fig. 19

- ▶ Place the bearing bracket on the other side and screw it on with a T20 screwdriver. Start with screw 2 at the bottom in the middle. *Fig. 19 (2)*
- ▶ Screw in screws 3 and 4 tightly. *Fig. 19 (3,4)*
- ▶ Insert the bearing pin completely. Make sure that the latching lug is pointing to the rear. *Fig. 19 (5)*

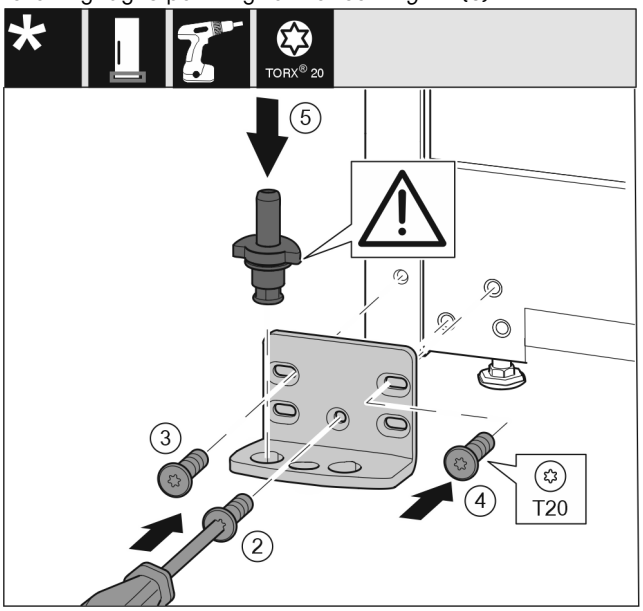


Fig. 20

- ▶ Place the bearing bracket on the other side and screw it on with a T20 screwdriver. Start with screw 2 at the bottom in the middle. *Fig. 20 (2)*
- ▶ Screw in screws 3 and 4 tightly. *Fig. 20 (3,4)*
- ▶ Insert the bearing pin completely. Make sure that the latching lug is pointing to the rear. *Fig. 20 (5)*

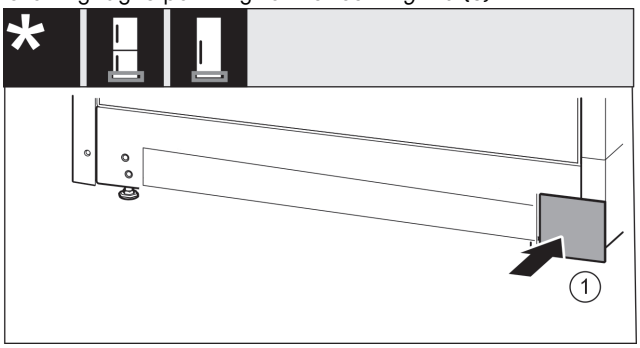


Fig. 21

- ▶ Put the cover back on the other side. *Fig. 21 (1)*

14.6 Moving the handles to the other side*

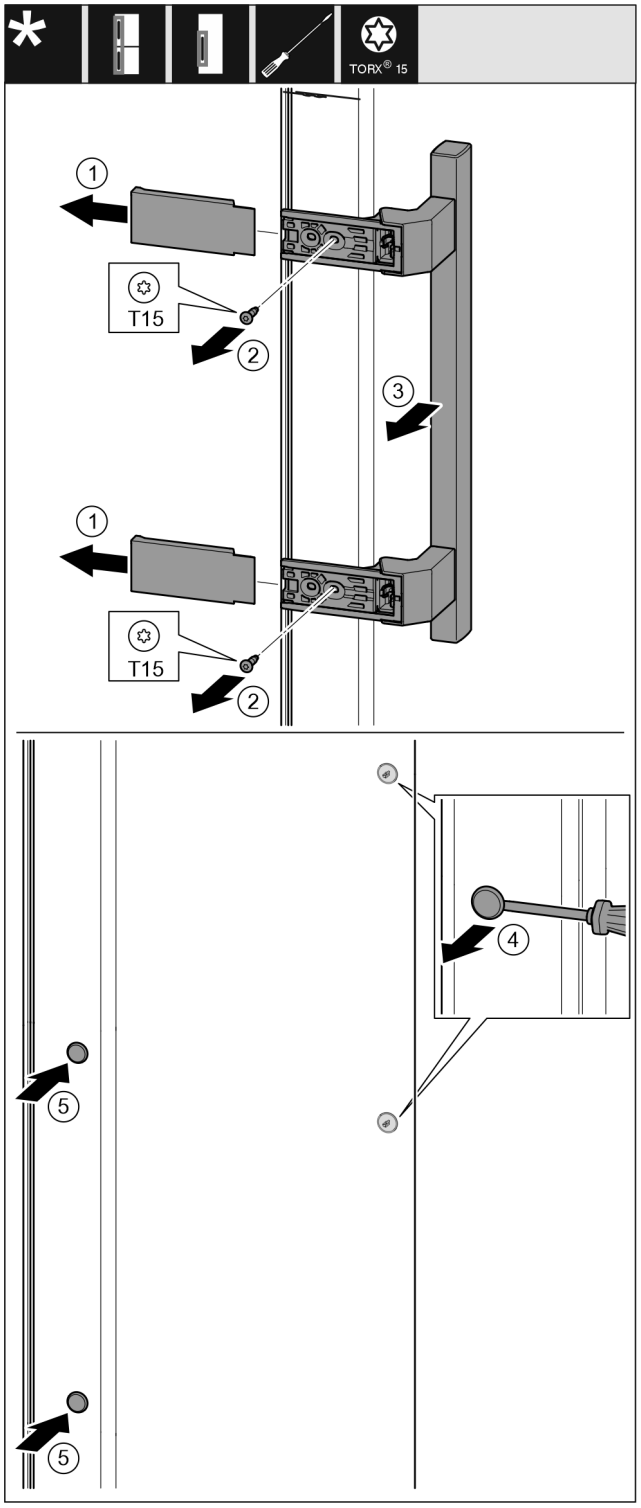


Fig. 22

- ▶ Pull off the cover. *Fig. 22 (1)*
- ▶ Remove the screws with a T15 screwdriver. *Fig. 22 (2)*
- ▶ Take off the handle. *Fig. 22 (3)*
- ▶ Carefully lift up the side plugs with a slotted screwdriver and pull them out. *Fig. 22 (4)*
- ▶ Insert the plugs again on the other side. *Fig. 22 (5)*

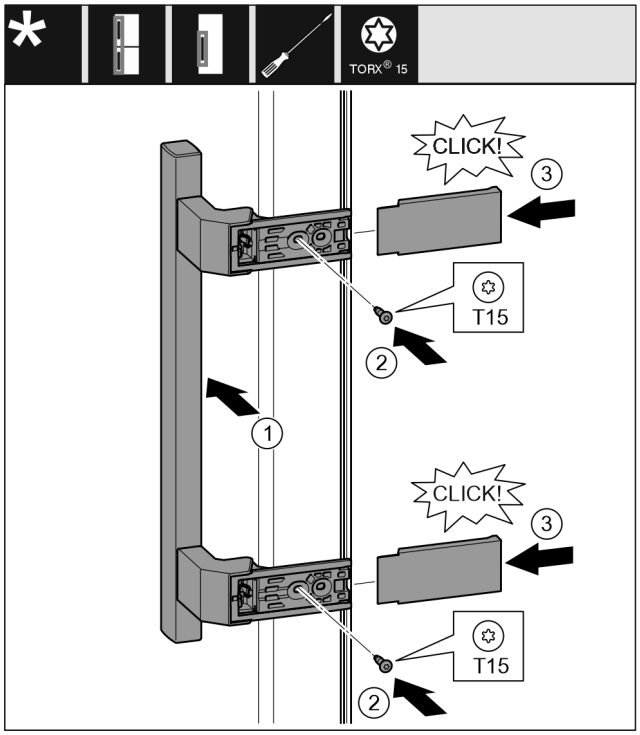


Fig. 23

- ▶ Position the handle on the other side. *Fig. 23 (1)*
- ▷ The screw holes must be exactly above each other.
- ▶ Tighten the screw with a T15 screwdriver. *Fig. 23 (2)*
- ▶ Position the covers on the side and push them on. *Fig. 23 (3)*
- ▷ Ensure that they latch into place.

14.7 Fitting the door

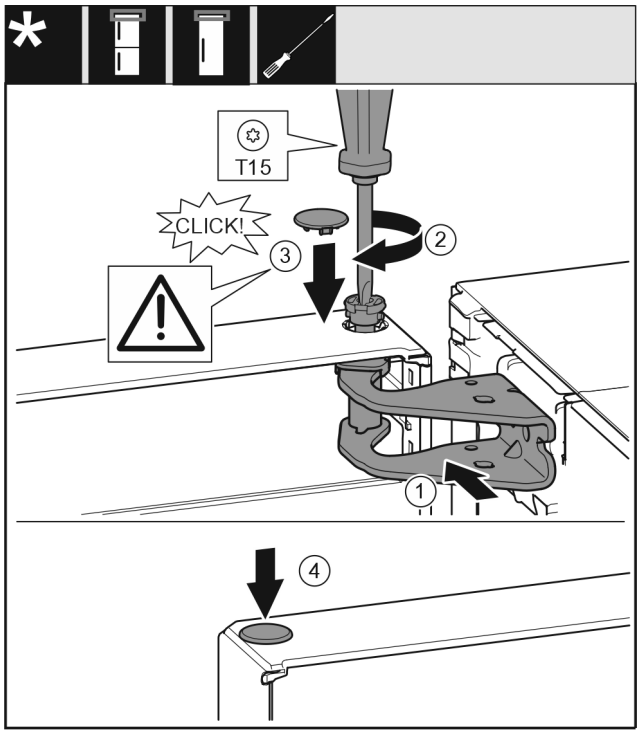


Fig. 24

- ▶ Place the door on the lower bearing pins.
- ▶ Align the top of the door with opening in the bearing bracket. *Fig. 24 (1)*
- ▶ Insert the bolt and tighten with a T15 screwdriver. *Fig. 24 (2)*

▶ Fit the protective cover to protect the door: Insert the protective cover and check that it is flush to the door. If not, insert the bolt fully. *Fig. 24 (3)*
▶ Insert the plugs. *Fig. 24 (4)*

14.8 Aligning the door

WARNING
Risk of injury due to the door dropping out!
If the bearing parts are not screwed into place firmly enough, the door may drop out. This may lead to severe injuries. What is more, the door may not close and therefore the appliance may fail to cool properly.
▶ Screw the turn hinges firmly into place with 4 Nm.
▶ Check all of the screws and retighten if necessary.

▶ Align the doors flush with the appliance housing using the two slots in the bearing bracket if needed. To do this undo the middle screw in the bottom bearing bracket with the T20 tool supplied. Undo the remaining screws a little with the T20 tool or with a T20 screwdriver and align using the slotted holes.
▶ Prop up the door: Take off the adjustable foot on the bearing bracket using the open-ended wrench SW10 until it comes into contact with the floor, then turn an additional 90°.

14.9 Fitting the soft stop mechanism

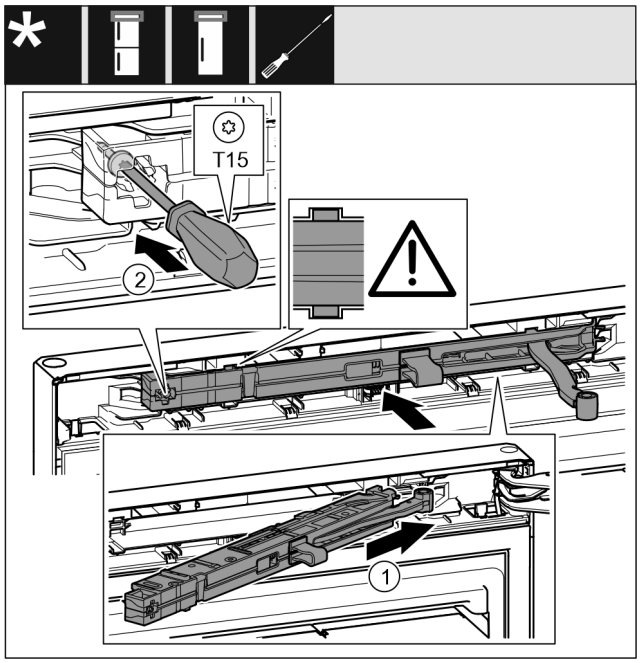


Fig. 25
▶ Slide the soft stop unit on the bearing bracket side at an angle into the slot as far as it will go. *Fig. 25 (1)*
▶ Slide the unit in completely.
▷ The unit is positioned correctly when the rib on the soft stop unit is in the guide in the housing.
▶ Tighten the screw with a T15 screwdriver. *Fig. 25 (2)*

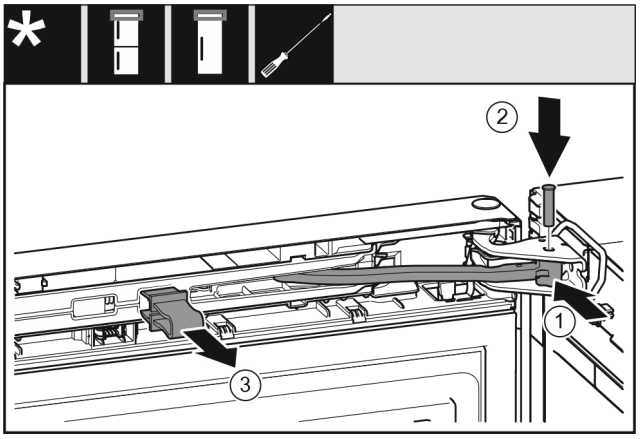


Fig. 26
The door is open 90°.
▶ Turn the hinge in the bearing bracket. *Fig. 26 (1)*
▶ Insert the bolt in the bearing bracket and hinge. Make sure that the latching lug sits correctly in the groove. *Fig. 26 (2)*
▶ Remove the locking device. *Fig. 26 (3)*

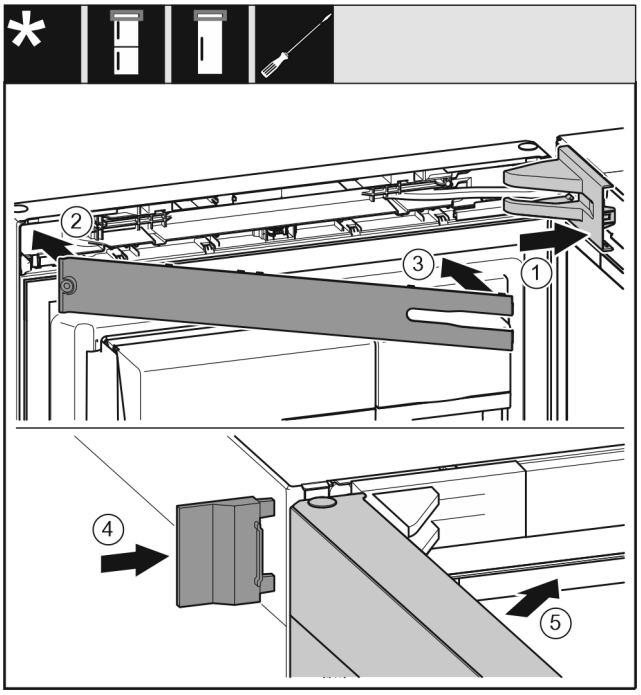


Fig. 27
▶ Position the bearing bracket cover and latch it in place. If necessary push it apart carefully. *Fig. 27 (1)*
▶ Position the panel. *Fig. 27 (2)*
▶ Swing in the panel and latch it into place. *Fig. 27 (3)*
▶ Slide on the outer cover. *Fig. 27 (4)*
▶ Close the upper door. *Fig. 27 (5)*

15 Water connection*

WARNING
Electricity in combination with water!
Electric shock.
▶ Before connecting to the water pipe: Disconnect the appliance from the mains.
▶ Before connecting to water supply lines: Shut off the water supply.
▶ The connection to the drinking water mains may only be carried out by a qualified gas and water engineer.

WARNING
Unclean water!
Contaminants.
▶ Only connect to the drinking water supply.

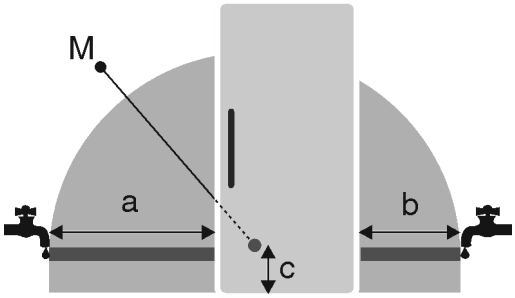


*Fig. 28 **

a	b	c	M*
~ 1150 mm	~ 1000 mm	~ 150 mm	Solenoid valve

The appliance's water connection and inlet solenoid valve are suitable for a water pressure of up to 1 MPa (10 bar).

Specifications for proper operation (flow rate, ice cube size, noise level):

Water pressure:	
bars	MPa
1.5 - 6.2	0.15 - 0.62

Water pressure when using the water filter:	
bars	MPa
2.8 - 6.2	0.28 - 0.62

If the pressure exceeds 0.62 MPa (6.2 bar): Activate the pressude reducer first.

Ensure that the following conditions are met:

❑ Water pressure is maintained.
❑ Water is supplied to the appliance via a cold water pipe which can withstand the operating pressure and is connected to the drinking water supply.
❑ Enclosed hose is used. Old hoses are disposed of.*
❑ A filter with a seal is located in the hose connector.*
❑ A stopcock must be provided between the hose line and the domestic water connection to cut off the water supply if necessary.*
❑ The stopcock must be located outside the back of the appliance and within easy reach so that the appliance can be placed as far back as possible and the stopcock can be turned off quickly. Distances are adhered to.
❑ All devices and equipment used to supply water must comply with the regulations in force in the respective country.
❑ The rear of appliance is accessible so that you can connect the appliance to the drinking water supply.
❑ Do not damage or kink the hose during installation.

Note
Different sized hoses are available as optional accessories.*

16 Connecting the water supply*

Connecting the hose to the appliance

The solenoid valve is at the bottom on the back of the appliance. It has a R3/4 connecting thread.
▶ Remove the cover *(2)*.
▶ Easy to fit: Place the straight end of the hose *(7)* to the left on the floor.
▶ Slide the nut *(4)* over the angled end of the hose *(3)* up to the end and secure.

NOTICE
Damaged solenoid thread pitch.
The solenoid leaks: Water may leak out.
▶ Locate the nut *Fig. 29 (1)* carefully and screw onto the thread.

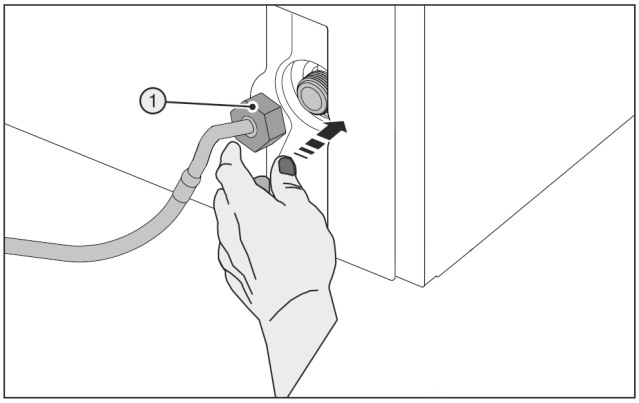


Fig. 29
▶ Position the nut *Fig. 29 (1)* carefully and screw it directly onto the thread with two fingers until it is seated securely.

WARNING
Broken auxiliary tool *(5)*.
Cuts.
▶ Only use an auxiliary tool *(5)* at room temperature.

▶ Tighten the nut *Fig. 29 (1)*clockwise with the auxiliary tool *(5)* until maximum torque is reached and the auxiliary tool *(5)* overtightens.

Connecting the hose to the stopcock
▶ Screw the nut *(7)* onto the stopcock *(8)*.

WARNING
Broken auxiliary tool *(5)*.
Cuts.
▶ Only use an auxiliary tool *(5)* at room temperature.

▶ Tighten the nut *(7)*clockwise with the auxiliary tool *(5)* until maximum torque is reached and the auxiliary tool *(5)* overtightens.
▶ Hook the clip *(6)* into the auxiliary tool *(5)* and fix it to the stainless steel pipe to store it.

Check the water system
▶ Slowly open the stopcock *(8)*.
▶ Check the entire water system for tightness.
▶ Clean the IceMaker (see User Guide, Maintenance).

Air the water system

Airing is required in the following cases:
- Initial operation
- Replacing the InfinitySpring water tank

Ensure that the following conditions are met:
- Appliance is properly connected
- Water tank is inserted (see User Guide, Maintenance)
- Water filter is in place (see the User Guide, Maintenance)
- Appliance is on

▶ Opening the appliance door
▶ Press your drinking glass or cup against the lower part of the InfinitySpring dispenser.
▷ The top part moves out and air or water pours into the glass.
▶ Continue until the water flows evenly into the glass.
▷ There is no more air in the system.
▶ InfinitySpring Cleaning (see the User Guide, Maintenance).

17 Connecting device

WARNING
Failure to connect properly
Fire hazard.
▶ Do not use an extension cable.
▶ Do not use distributor blocks.

NOTICE
Failure to connect properly
Damage to the electronics.
▶ Do not connect the appliance to a stand-alone inverter, e.g. solar power systems and petrol generators.
▶ Do not use an energy saving plug.

Note
Only use the supplied mains cable.
▶ A longer mains cable can be ordered from Customer Service.

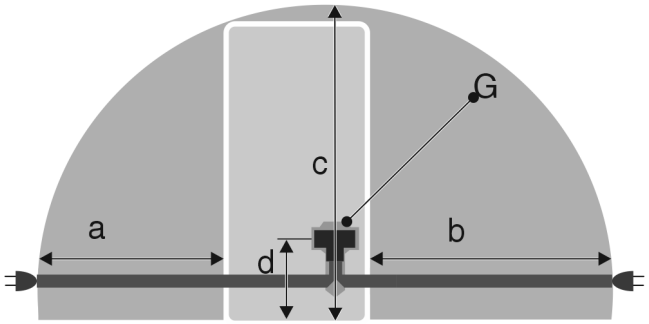


*Fig. 30 **

a*	b*	c*	d*	G*
~ 1350 mm	~ 1800 mm	~ 2050 mm	~ 150 mm	Appliance plug

Ensure that the following conditions are met:
- The type of current and voltage at the installation site match the information on the serial tag .
- The socket is earthed according to the regulations and fused.
- The fuse tripping current is between 10 and 16 A.
- The socket is easily accessible.
- The socket is not located behind the appliance but in areas a or b *(a, b, c)*.

▶ Check the electrical connection.
▶ Insert the appliance plug *(G)* into the back of the appliance. Ensure that they latch into place.
▶ Connect the mains plug to the power supply.
▷ The Liebherr logo appears on the screen.
▷ The display switches to the standby symbol.



home.liebherr.com/fridge-manuals

EN fridge with BioFresh

Issue date: 20220727

Part number index: 7080530-01

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