User Guide

Quality, Design and Innovation

home.liebherr.com/fridge-manuals

LIEBHERR

Contents

* Depending on model and options

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.
	Additional information on the Internet
	The digital manual with additional information can be found via the QR code on the front of the manual or by entering the service number at **home.liebherr.com/fridge-manuals**.
	The service number can be found on the serial tag:
	Fig. Example illustration
	Check appliance
	Check all parts for transport damage. If you have any complaints, please contact your agent or customer service.
	Differences
	These instructions apply to a range of models, so differences are possible. Sections that apply to certain models only are marked with an asterisk (*).
	Instructions and results
	Instructions are marked with a ▶.
	Results are marked with a ▷.
	Videos
	Videos about the appliances are available on the YouTube channels of Liebherr-Hausgeräte.

These operating instructions apply to:

ICBNh	5183

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

1 Appliance at a glance

1.1 Scope of delivery

Check all parts for transport damage. Contact your dealer or customer service in the event of complaints. (see 10.4 Customer Service)

Your new appliance comes with the following parts:
- Built-in appliance
- Features (depending on the model)
- Installation materials (depending on the model)
- "Quick Start Guide"
- "Installation Guide"

1.2 Overview of the appliance and equipment
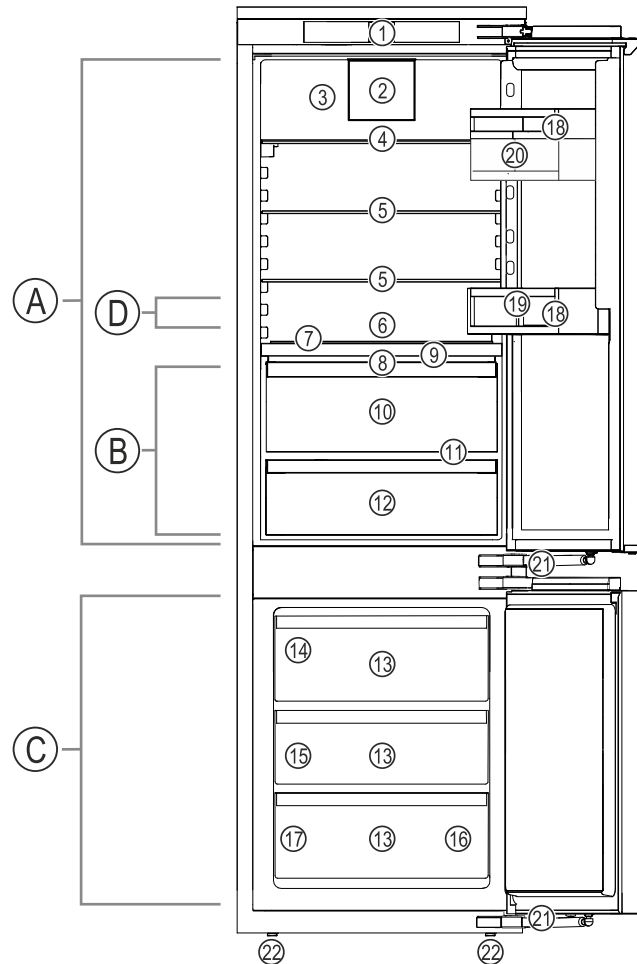
Fig. 1 Example illustration

Temperature range
(A) Fridge section
(B) BioFresh
(C) Freezer section
(D) Coldest area

Equipment
(1) Controls
(2) Fan with FreshAir activated charcoal filter
(3) Dry rear wall
(4) Divisible shelf
(5) Shelf
(6) Space for baking tray
(7) Variable bottle rack
(8) HydroBreeze
(9) Lid for Fruit & Vegetable-Safe
(10) Fruit & Vegetable-Safe
(11) Drain opening
(12) Fish & Seafood-Safe
(13) Freezer drawer
(14) IceMaker
(15) VarioSpace
(16) Freezer tray
(17) Type plate
(18) Door racks
(19) Bottle holder
(20) VarioBoxes
(21) Closing damper
(22) Adjustable foot

General safety instructions

1.3 SmartDevice

SmartDevice is the networking solution for your fridge-freezer.

If your appliance SmartDevice-enabled or compatible, you can quickly and easily connect your appliance to your WiFi. With the SmartDevice app, you can operate your appliance from a mobile device. Additional functions and setting options are available in the SmartDevice SmartDevice app.

SmartDevice-compatible appliance:
Your appliance is compatible for use with the SmartDeviceBox. You must first purchase and install the Smart-DeviceBox. In order to connect your appliance to the WiFi, you need to download the SmartDevice app.

More information about SmartDevice: **smartdevice.liebherr.com**

Purchasing the SmartDeviceBox in the Liebherr-Hausgeräte store: **home.liebherr.com/shop/de/deu/smartdevicebox.html**

Downloading the SmartDevice app:

After installing and configuring the SmartDevice, you can connect your appliance to the WiFi using the SmartDevice app and the WiFi appliance function (see WiFi) .

Note
The SmartDevice function is not available in the following countries: Russia, Belarus, Kazakhstan.

You cannot use the SmartDeviceBox.

1.4 Appliance range of use

Intended use

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

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

All other types of use are not permitted.

Foreseeable misuse

The following applications are expressly forbidden:

- Storing and refrigerating medicines, blood plasma, laboratory preparations or similar substances and products based on the Medical Device Directive 2007/47/EC
- Use in outdoor areas with very high humidity
- Use in areas at risk of explosions

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

Climate classifications

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

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

Climate classification	for ambient temperatures of
SN	10 °C to 32 °C
N	16 °C to 32 °C
ST	16 °C to 38 °C
T	16 °C to 43 °C
SN-ST	10 °C to 38 °C
SN-T	10 °C to 43 °C

1.5 Conformity

The refrigerant circuit has been tested for leaks. When installed, the appliance complies with the applicable safety regulations and with the corresponding directives.

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.

2 General safety instructions

Please keep these instructions in a safe place and pass them on to any subsequent owners.

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

Danger for the user:

- This device can be used by children and people with impaired physical, sensory or mental abilities or with a lack of experience and knowledge provided that they are supervised or have received instruction in the safe use of this device, and about the resulting hazards.
  Children must not play with this appliance. Cleaning and user maintenance work must not be carried out by children without adult supervision. Children aged between 3 and 8 are allowed to load and unload the appliance. Children below the age of 3 must be kept away from the appliance unless they are under continuous adult supervision.
- The socket must be easily accessible so that the appliance can be disconnected quickly from the electricity in an emergency. It must not be located in the area behind the appliance.
- When disconnecting the appliance from the supply, always take hold of the plug. Do not pull the cable.
- In the event of a fault pull out the mains plug or deactivate the fuse.
- Do not damage the mains power cable. Do not operate the appliance with a defective mains power cable.
- If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.
- Only customer service or other specially trained staff may repair or perform other operations on the appliance.
- Only install, connect and dispose of the appliance according to the instructions.
- Only use the appliance when is installed.
- Special lights, such as LED lights on the appliance, are used to illuminate the interior of the appliance and are not suitable for room lighting.
- The manufacturer is not liable for damage caused by a faulty fixed water connection.

Fire hazard:

- This appliance contains a refrigerant which is environmentally friendly, but flammable. Leaking refrigerant may ignite. It is hazardous for anyone other than an Authorised Service Person to service this appliance. In Queensland, the authorised Service Person MUST hold a Gas Work Authorisation for hydrocarbon refrigerants, to carry out Servicing or repairs where the gas system is being opened or charged.

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

Danger of tipping and falling:

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

Danger of food poisoning:

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

Danger of frostbite, numbness and pain:

- Avoid prolonged skin contact with cold surfaces or refrigerated/frozen goods or take protective measures, e.g wear gloves.
- Do not consume ice cream, water ice or ice cubes immediately and do not consume them too cold.

Danger of injury and damage:

- Hot steam can lead to injury. Do not use electrical heating or steam cleaning equipment, open flames or defrosting sprays to defrost.
- Do not use sharp implements to remove the ice.

Risk of crushing:

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

Symbols on the appliance:

This symbol may be located on the compressor. It relates to the oil in the compressor and makes reference to the risk that: Swallowing or inhaling can be fatal. This advice is only relevant to recycling. There is no danger in normal operation.

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

This or a similar sticker may be located on the rear of the appliance. This sticker indicates that there are vacuum insulation panels (VIP) or perlite panels in the door and/or housing. This advice is only relevant to recycling. Do not remove the sticker.

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

⚠	DANGER	indicates an immediately hazardous situation which will lead to death or serious injuries if it is not avoided.
⚠	WARNING	indicates a hazardous situation which may lead to death or serious injuries if it is not avoided.
⚠	CAUTION	indicates a hazardous situation which may lead to minor or moderate injuries if it is not avoided.
	NOTICE	indicates a hazardous situation which may lead to damage to property if it is not avoided.
	Note	indicates useful instructions and tips.

3 Functionality of the Touch & Swipe display

You operate your appliance using the Touch & Swipe display. You select appliance functions in the Touch & Swipe display (hereafter referred to as display) by tapping them. If you do not perform any action on the display for 10 seconds, the display either jumps back to the higher-level menu or directly to the status display.

3.1 Navigation and symbol explanation
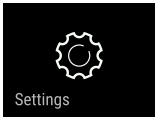
In the illustrations, different symbols are used to navigate the display. The following table describes these symbols.

Symbol	Description
	Briefly touch the display: Activates/deactivates function. Confirms selection. Opens submenu.
	Touch the display for a specified time (e.g. 3 seconds): Activates/deactivates function or value.
	Swipe left or right: Navigate in the menu.
	Briefly touch the Back symbol: Jumps back one menu level.
	Press and hold the Back symbol for 3 seconds: Jumps back to the status display.
	Arrow with clock: It takes more than 10 seconds for the following message to appear in the display.
2s 5s 10s	**Arrow with a time indication:** It takes the specified amount of time until the following message appears in the display.
	"Open Settings menu" symbol: Navigates to the Settings menu and opens the settings menu. If necessary: Navigate to the desired function in the Settings menu. (see 3.2.1 Opening the Settings menu)
	"Open Advanced menu" symbol: Navigates to the Advanced menu and opens the advanced menu. If necessary: Navigate to the desired function in the Advanced menu. (see 3.2.2 Opening the expanded menu)
No action for 10 seconds	If you do not perform any action on the display for 10 seconds, the display either jumps back to the higher-level menu or directly to the status display.
Open door and close it again.	If you open the door and immediately close it again, the display jumps directly back to the status display.

Note: Illustrations of the display are shown in the English version.

3.2 Menus

The appliance functions are distributed over various menus:

Menu	Description
Main menu	When you switch the appliance on, you are automatically in the main menu. From here you can navigate to the most important appliance functions, to the Settings menu and to the Advanced menu.
⚙ Settings Settings menu	The Settings menu contains additional appliance functions for setting up your appliance.
Advanced menu	The advanced menu contains special appliance functions for setting up your appliance. Access to the Advanced menu is protected by the numerical code **1 5 1**.

3.2.1 Opening the Settings menu
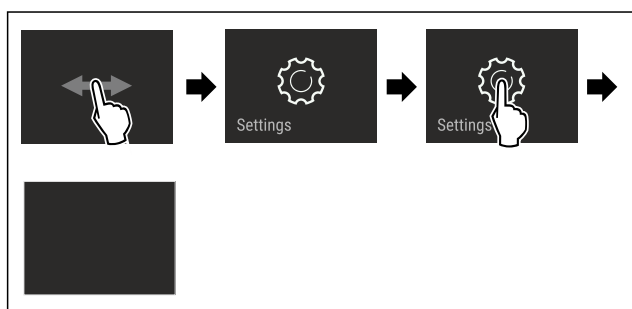
Fig. 2 Example illustration
▶ Carry out action steps according to the illustration.
▷ Settings menu is open.
▶ If necessary: Navigate to the desired function.

3.2.2 Opening the expanded menu
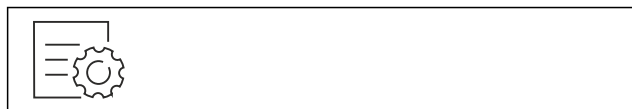
Fig. 3
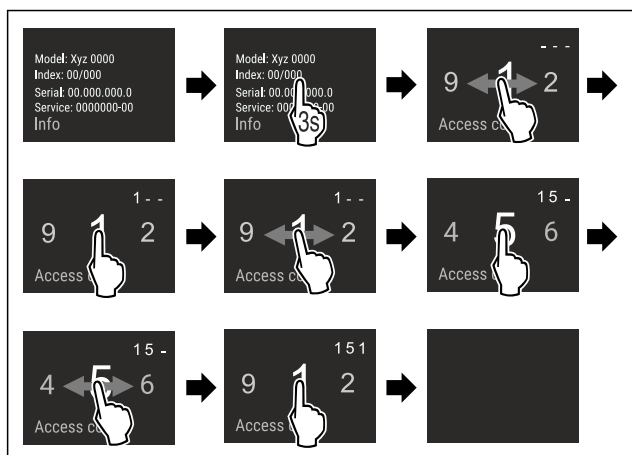
Fig. 4 Example illustration, access with numerical code 151
▶ Carry out action steps according to the illustration.
▷ The expanded menu is open.
▶ If necessary: Navigate to the desired function.

3.3 Sleep mode

If you do not touch the display for 1 minute, the display switches to sleep mode. In sleep mode, the display brightness is dimmed.

3.3.1 Ending sleep mode

▶ Touch the display briefly with your finger.
▷ Sleep mode is ended.

4 Putting into operation

4.1 Switching on appliance (first use)

Make sure that the following requirements are fulfilled:
❑ The appliance is properly installed and connected according to the installation instructions.
❑ All adhesive strips, adhesive and protective films and transport locks are removed from inside and on the appliance.
❑ All marketing leaflets are removed from the drawers.
❑ You are familiar with the functionality of the Touch & Swipe display. (see 3 Functionality of the Touch & Swipe display)

Switch on the appliance using the Touch & Swipe display:
▶ If the display is in sleep mode: Briefly touch the display.
▶ Carry out action steps according to the illustration.
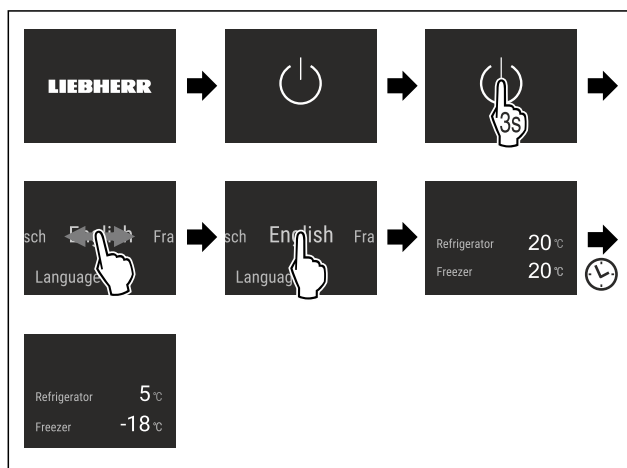
Fig. 5 Example illustration
▷ The status display appears.
▷ The appliance cools to the temperature set at the factory.
▷ The appliance starts in demo mode (status display with DEMO appears): If the appliance starts in demo mode, you can deactivate demo mode within the next 5 minutes. (see Demo mode)

More information:
- Start the IceMaker for the first time. (see 4.2 Starting the IceMaker for the first time)
- Start the HydroBreeze for the first time. (see 4.3 Starting the HydroBreeze for the first time)
- Start the SmartDevice for the first time. (see 1.3 Smart-Device) and (see WiFi)

Note
The manufacturer recommends:
▶ Stock with food: Wait for around 6 hours until the set temperature is reached.
▶ **Store frozen foods** at -18 °C or colder.
▶ Observe the notes on storing food. (see 5.1 Information regarding storage)

Storage

Note

Accessories can be purchased from the Liebherr-Hausgeräte store at home.liebherr.com/shop/de/deu/zubehor.html.

4.2 Starting the IceMaker for the first time

If your appliance is equipped with IceMaker, you must clean the IceMaker **before using it for the first time**.

Make sure that the following requirements are fulfilled:

❑ The water supply has been connected. See Installation Guide or mounting instructions.
❑ The appliance is properly installed and connected.

▶ Clean the IceMaker. (see 9.4.5 Cleaning the IceMaker)

4.3 Starting the HydroBreeze for the first time

If your appliance is equipped with HydroBreeze, you must clean the HydroBreeze **before using it for the first time**.

Make sure that the following requirements are fulfilled:

❑ The appliance is properly installed and connected.

▶ Clean the HydroBreeze. (see 9.4.4 Cleaning the HydroBreeze)
▶ Fill the water tank. (see 8.9.1 Fill the water tank)
▶ Activate HydroBreeze. (see HydroBreeze)

5 Storage

5.1 Information regarding storage

⚠️ **WARNING**

Risk of fire

▶ Do not use any electrical appliances in the food area of the appliance unless recommended by the manufacturer.

Note

The energy consumption increases and the cooling power goes down if ventilation is not sufficient.

▶ Always keep air slots clear.

Observe the following specifications for storage:

- Keep the air vents on the fan free.
- In the freezer compartment: Package food properly.
- Package or cover foods that readily take on or give off odours or taste in closed containers.
- Package raw meat or fish in clean, closed containers. This will prevent meat or fish from touching or dripping onto other food.
- Keep liquids in closed containers.
- Leave space between goods to ensure good air circulation.
- Store food according to the instructions on the packaging.
- Always observe the best-before date indicated on the packaging.

Note

Failure to follow these guidelines can lead to foodstuffs spoiling.

5.2 Fridge compartment

The air circulation in the appliance creates different temperature zones. You will find the different temperature zones in the appliance and equipment overview. (see 1.2 Overview of the appliance and equipment)

5.2.1 Arranging your food properly

▶ Upper area and door: Store butter, cheese, tinned food and tubes.
▶ Coldest temperature zone: Store perishable foods such as pre-cooked meals.

5.3 BioFresh

BioFresh will extend the storage time for some fresh foods compared to traditional refrigeration.

Note

If the temperature drops below 0 °C foods may freeze.

▶ Store cold-sensitive produce such as cucumbers, aubergines, courgettes and tropical fruit in the fridge compartment.

5.3.1 Fruit & Vegetable safe 🍎 🥕 ◎

This safe creates a storage climate of close to 0 °C. The tight lid ensures constant levels of humidity. This storage climate is suitable for storing unpackaged food with high intrinsic moisture (for example, lettuce, vegetables, fruit).

The humidity in the compartment depends on the moisture content of the chilled goods placed in it, and also depends on how often the compartment is opened. You can regulate the humidity level. (see 8.8 Adjusting the moisture levels)

Arranging your food properly

▶ Store unpackaged fruit and vegetables.
If the humidity is too high:
▶ Regulate the humidity. (see 8.8 Adjusting the moisture levels)

5.3.2 Meat & Dairy safe 🧀 🥩 🐟

This safe creates a storage climate of close to 0 °C. This storage climate is suitable for more sensitive foods (e.g. dairy products, meat, sausage).

Arranging your food properly

▶ Store dry or packaged food.

5.3.3 Fish & Seafood safe -2℃ 🐟 🦐 | 0℃ 🧀 🥩

This safe creates a storage climate of between -2 °C and 0 °C. This storage climate is great for dry or packaged groceries (for example, dairy products, meat, fish, seafood, sausage).

This compartment includes a Fish & Seafood tray that you can move or take away.

You can set the temperature via the Touch & Swipe display. Dividing the compartment into different temperature zones is only possible with the Fish & Seafood tray inserted. (see Setting the temperature in the fridge section)

The following temperature combinations are possible:

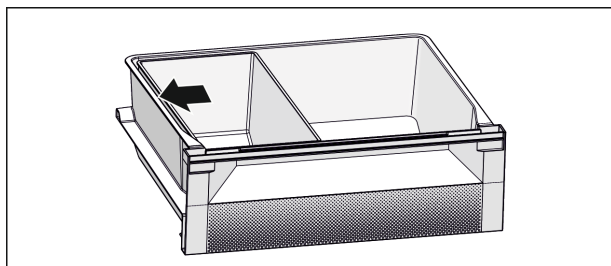| 0°C	0°C		-2°C	0°C		-2°C	-2°C

Fig. 6

Arranging your food properly

Fig. 7

▶ For an optimum cooling function: Position Fish & Seafood tray according to illustration (see Fig. 7) .
▶ Temperature zone -2 °C: Store fresh seafood or fish.
▶ Temperature zone 0 °C: Store dairy products or packaged meats.

Note

You can achieve the highest level of energy efficiency using the temperature combination **0 °C / 0 °C**.

Energy consumption is slightly higher using the temperature combination **-2 °C / 0 °C** and **-2 °C / -2 °C**.

5.4 Freezer compartment

Here, a dry, frosty storage climate is created at -18 °C. The frosty storage climate is suitable for storing frozen food for several months, for making ice cubes or freezing fresh food.

5.4.1 Freezing food

Freezing quantity

The maximum amount of fresh food that you can freeze within 24 hours is specified on the type plate (see 10.5 Model plate) under "Freezing capacity … kg/24h".

To ensure that food quickly freezes through, adhere to the following quantities per package:

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

Freezing food using SuperFrost

Depending on the quantity to be frozen, you can activate SuperFrost before freezing in order to achieve lower freezing temperatures. (see SuperFrost)
▶ Activate SuperFrost if the amount of food you have to freeze is more than approx. 2 kg.

The time at which you activate SuperFrost depends on the amount of food you have to freeze:

Freezing quantity	Time at which you should activate SuperFrost
Small amount of food to freeze	Activate SuperFrost about 6 hours before freezing. You can place the food in the freezer as soon as the appliance automatically deactivates SuperFrost.
Maximum amount of food to freeze	Activate SuperFrost about 24 hours before freezing. You can place the food in the freezer as soon as the appliance automatically deactivates SuperFrost.

Arranging your food properly

⚠️ **CAUTION**

Risk of injury from broken glass!
Bottles and cans with beverages can burst during freezing. This applies in particular to carbonated beverages.
▶ Only freeze bottles and cans with beverages if you have activated the BottleTimer function in the SmartDevice app.

Freezing quantity	Arranging your food properly
Small amount of food to freeze	Distribute packaged groceries throughout all drawers. If possible, place groceries at the back of the drawer near the rear wall.
Maximum amount of food to freeze	Distribute packaged groceries throughout all drawers. If possible, place groceries at the back of the drawer near the rear wall.

5.4.2 Defrosting food

⚠️ **WARNING**

Risk of food poisoning!
▶ Do not re-freeze thawed food.
▶ Use defrosted foodstuff as soon as possible.

You can defrost food in several ways:

- In the fridge compartment
- In the microwave
- In the oven/fan-assisted oven
- At room temperature
▶ Take out only as much food as necessary.

5.4.3 Freezer tray

You can freeze berries, herbs, vegetables and other small frozen food in the freezer tray without it all freezing together. The frozen food is less likely to get squashed and subsequent portioning is easier.

In addition, you can store the cold storage accumulators in the freezer tray to save space.
▶ Distribute food on the freezer tray without packaging and well spaced out.

5.5 Storage times

Refer to the specified storage times as a guide.

In the case of foods with a minimum shelf life, the date indicated on the packaging still applies.

5.5.1 Fridge section

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

5.5.2 BioFresh

Recommended storage periods in the Meat & Dairy-Safe		
Butter	at 1 °C	up to 90 days
Hard cheese	at 1 °C	up to 110 days
Milk	at 1 °C	up to 12 days
Sausage, cold meats	at 1 °C	up to 8 days
Poultry	at 1 °C	up to 6 days

Recommended storage periods in the Meat & Dairy-Safe		
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
▶ Remember that high-protein foods perish quicker; shellfish and crustaceans do not last as long as fish, and fish does not last as long as meat.

Recommended storage periods in the Fruit & Vegetable-Safe		
Vegetables, salads		
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
Chicory	at 1 °C	up to 27 days
Lettuce	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
Turnip	at 1 °C	up to 14 days
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	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
Currants	at 1 °C	up to 7 days
Sweet cherries	at 1 °C	up to 14 days
Kiwis	at 1 °C	up to 80 days
Peaches	at 1 °C	up to 13 days
Plums	at 1 °C	up to 20 days

Recommended storage periods in the Fruit & Vegetable-Safe		
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

Recommended storage periods in the Fish & Seafood-Safe		
Seafood		
Crabs	at -2 °C	up to 4 days
Mussels	at -2 °C	up to 6 days
Sushi	at -2 °C	up to 4 days
Fish	at -2 °C	up to 4 days

5.5.3 Freezer compartment

Recommended storage period for various types of food		
Ice cream	at -18 °C	2 to 6 months
Sausages, ham	at -18 °C	2 to 3 months
Bread, baked goods	at -18 °C	2 to 6 months
Game, pork	at -18 °C	6 to 9 months
Fatty fish	at -18 °C	2 to 6 months
Lean fish	at -18 °C	6 to 8 months
Cheese	at -18 °C	2 to 6 months
Poultry, beef	at -18 °C	6 to 12 months
Vegetables, fruit	at -18 °C	6 to 12 months

6 Saving energy

- Pay attention to good ventilation. Do not cover ventilation holes or grids.
- Always keep the fan air slits clear.
- Do not install the appliance in direct sunlight or near radiators or similar sources of heat.
- If the appliance is installed directly next to an oven, the energy consumption may increase slightly. This is dependent on the service life and usage intensity of the oven.
- Energy consumption depends on the installation conditions, e.g. the ambient temperature (see 1.4 Appliance range of use) . A warmer ambient temperature can increase the energy consumption.
- Open the appliance for as short a time as possible.
- The lower the temperature is set the higher the energy consumption.
- Sort your food: home.liebherr.com/food.
- Keep all food properly packed and covered. This prevents frost from forming.
- Only take food out for as long as necessary so that it doesn't warm up too much.
- Inserting warm food: allow to cool down to room temperature first.
- Thaw frozen food in the refrigerator.
- For longer periods of absence, use HolidayMode (see HolidayMode) .

7 Controls

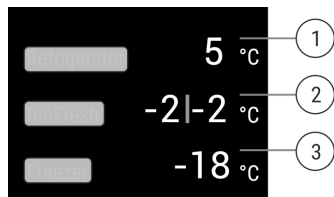## 7.1 Controls and displays

7.1.1 Status display

Fig. 8 The status display shows the actual temperature.
(1) Temperature display of the fridge section
(2) BioFresh tempera- ture display (Fish & SeaFood-Safe)
(3) Freezer compartment temperature display

The status display shows the actual temperature and is the initial display. Navigation to the functions takes place from there.

7.1.2 Display symbols

Display symbols provide information on the current appliance status:

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

7.2 Appliance functions

7.2.1 Notes on the appliance functions

The appliance functions are set at the factory so that your appliance is fully functional.

Before you alter, activate or deactivate the device functions, make sure that the following requirements are met:
❑ You have read and understood the descriptions of how the display works. (see 3 Functionality of the Touch & Swipe display)
❑ You have familiarised yourself with the operating and display elements of your appliance.

 Switching the appliance off and on

Use this function to switch the entire appliance off and on.

Switching off the appliance

When you switch the appliance off, then the previously saved settings are saved.

Make sure that the following requirements are fulfilled:
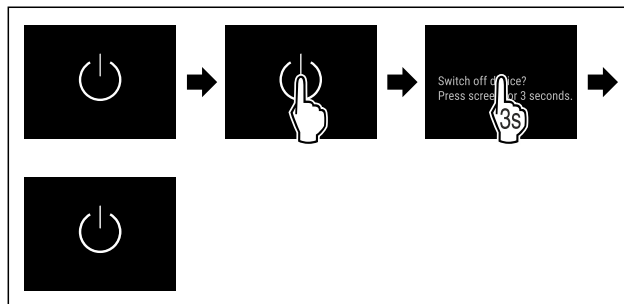❑ Handling instructions (see 11 Shutting down) are carried out.

Fig. 9

Fig. 10
▶ Carry out action steps according to the illustration.
▷ Appliance is switched off.
▷ The standby symbol appears in the display.
▷ Display turns black.

Switching on the appliance

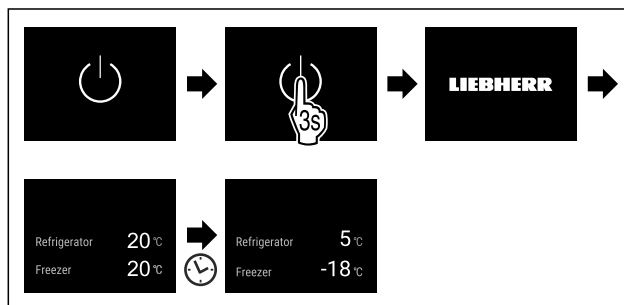If the display is in sleep mode:
▶ Briefly touch the display.

Fig. 11 Example illustration
▶ Carry out action steps according to the illustration.
When the appliance starts in demo mode:
▶ Deactivating demo mode. (see Deactivating demo mode)
▷ The appliance is switched on.
▷ Previous settings are restored.
▷ The appliance cools to the target temperature set.

 Switching temperature zone off and on

You can switch temperature zones of the appliance off independently.

Switching the fridge compartment off

Make sure that the following requirements are fulfilled:
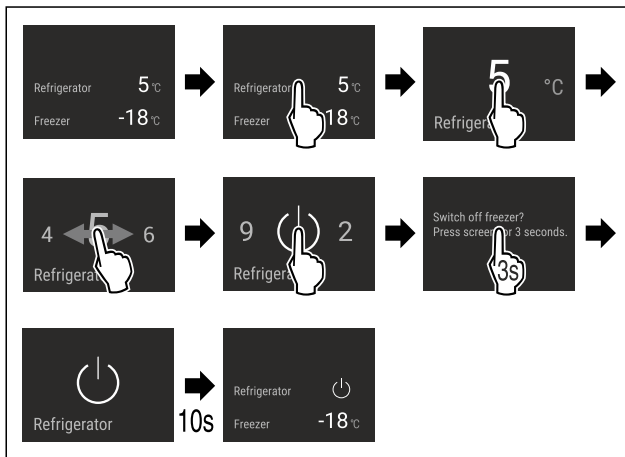❑ Refrigerator compartment has been emptied.

Controls

Fig. 12 Example illustration

▶ Carry out action steps according to the illustration.
▷ Refrigerator compartment is switched off.
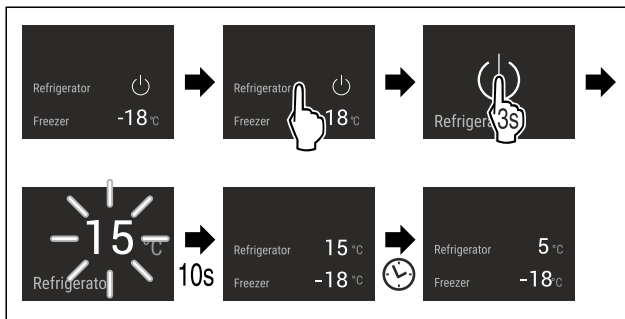
Switching the fridge compartment on

Fig. 13 Example illustration

▶ Carry out action steps according to the illustration.
▷ Refrigerator compartment is switched on.
▷ The appliance cools to the last set temperature.

WiFi

Use this function to connect your appliance to WiFi. You can then operate it via the SmartDevice app on a mobile device. You can also use this function to disconnect or reset the WiFi connection.

To connect your device to WiFi, you need the SmartDeviceBox.

More information on the SmartDevice: (see 1.3 SmartDevice)

Note
The SmartDevice function is not available in the following countries: Russia, Belarus, Kazakhstan.

You cannot use the SmartDeviceBox.

Establishing the WiFi connection for the first time

Make sure that the following requirements are fulfilled:

❑ You have purchased and inserted a SmartDeviceBox. (see 1.3 SmartDevice)
❑ You have installed the SmartDevice app (see apps.home.liebherr.com).
❑ Registration in the SmartDevice app is completed.
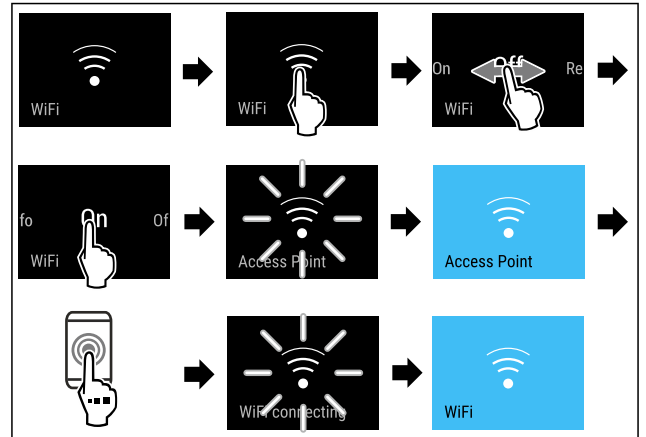

Fig. 14

Fig. 15

▶ Carry out action steps according to the illustration.
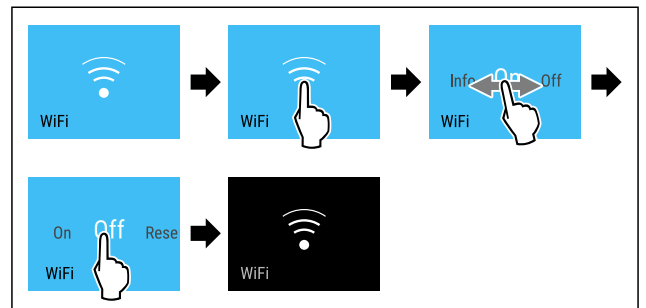▷ Connection is established.

Disconnecting from the WiFi

Fig. 16

Fig. 17

▶ Carry out action steps according to the illustration.
▷ There is no connection.
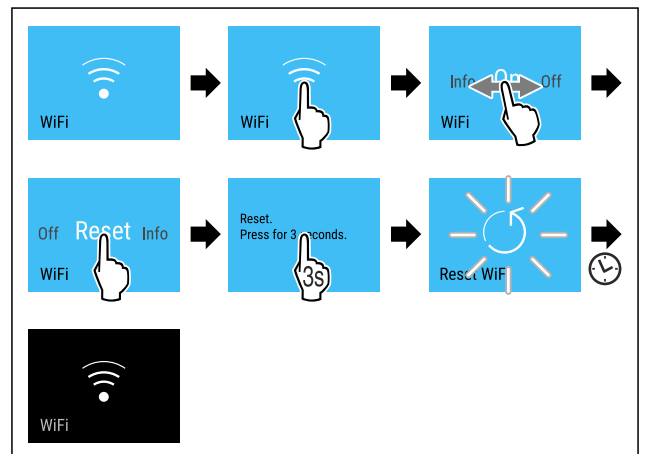
Resetting the WiFi connection

Fig. 18

Fig. 19

▶ Carry out action steps according to the illustration.
▷ WiFi connection and other WiFi settings are reset to factory settings.

Showing information about the WiFi connection
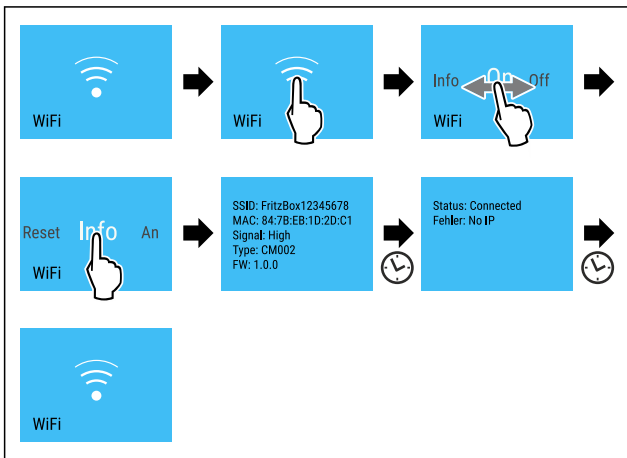

Fig. 20

Fig. 21

▶ Carry out action steps according to the illustration.

5 °C Temperature

Use this function to set the temperature.

The temperature depends on the following factors:
- Frequency of door opening
- Duration of door opening
- Room temperature of the installation site
- Type, temperature and quantity of food

Temperature zone	Factory-set temperature	Recommended setting
5 °C Fridge section	5 °C	4 °C
-18 °C Freezer section	-18 °C	-18 °C
Fruit & Vegetable-safe Meat & Dairy-safe	0 °C	B-Value (see BioFresh B-Value)
-2 I 0 °C Fish & Seafood-safe	-2 °C I 0 °C	(see 5.3.3 Fish & Seafood safe)

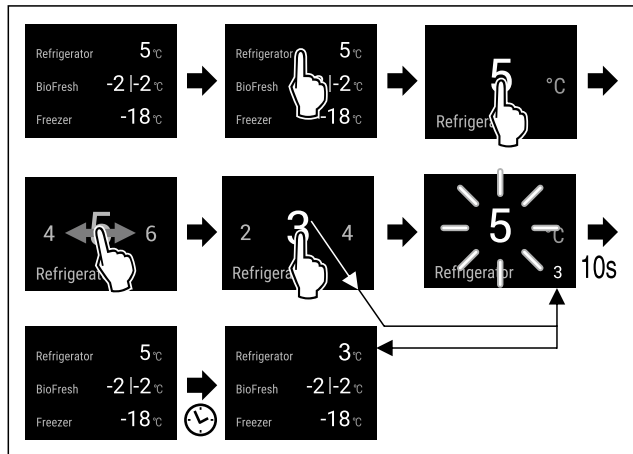**Setting the temperature in the fridge section**

Fig. 22 Example illustration

▶ Carry out action steps according to the illustration.
▷ Temperature is set.
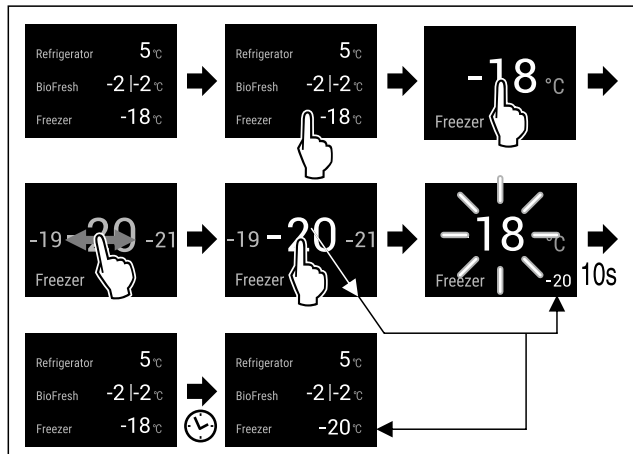
Setting the temperature in the freezer section

Fig. 23

▶ Carry out action steps according to the illustration.
▷ Temperature is set.

Setting the temperature in BioFresh

Set the temperature using the **BioFresh B-Value**. (see BioFresh B-Value)

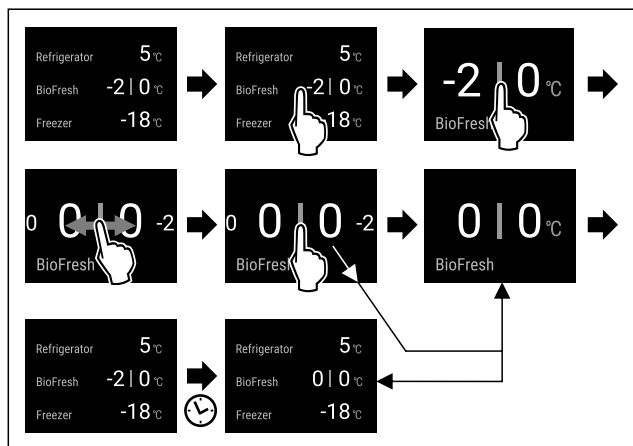**Setting the temperature in the Fish & Seafood safe**

Fig. 24 Example illustration

▶ Carry out action steps according to the illustration.
▷ Temperature is set.

Controls

℃/℉ Temperature unit

Use this function to set the temperature unit. You can set degrees Celsius or degrees Fahrenheit as the temperature unit.
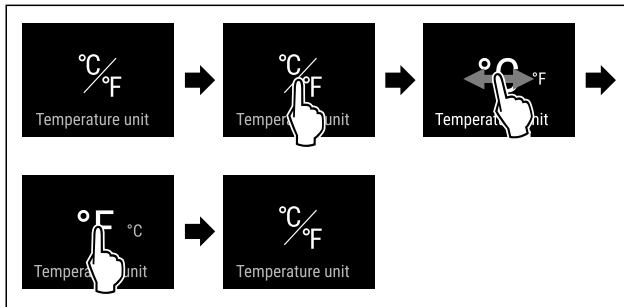
Setting the temperature unit

Fig. 25

Fig. 26 Example illustration: Switch from degrees Celsius to degrees Fahrenheit.

▶ Carry out action steps according to the illustration.
▷ The temperature unit is set.

B5 BioFresh B-Value

Use this function to set the BioFresh B-Value. With the BioFresh B-Value, you can set BioFresh slightly warmer or colder if necessary due to higher or lower ambient temperatures. The BioFresh B-Value is pre-set to value B5 as delivered. If you change the B-Value, refer to the following table:

Value	Description
B1	Lowest temperature
B1-B4	The temperature can drop below 0 °C which means foods can easily freeze.
B5	Pre-set temperature
B9	Highest temperature

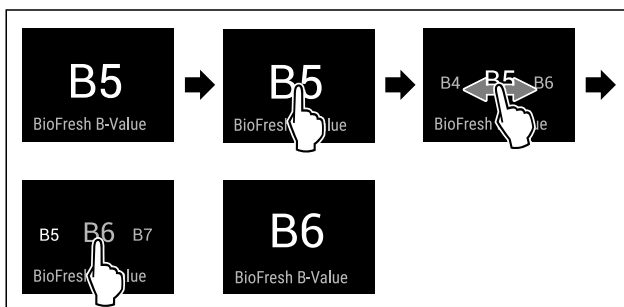### Setting the BioFresh B-Value

Fig. 27

Fig. 28 Example illustration: Switch from B5 to B6.

▶ Carry out action steps according to the illustration.
▷ The BioFresh B-Value is set.

D1 D-Value

The D-Value is pre-set for your appliance and is not permitted to be changed.

✳ SuperCool

You can use this function to activate or deactivate Super-Cool. If SuperCool is activated, then the appliance increases the cooling capacity. It allows you to achieve lower cooling temperatures. You can activate SuperCool when you would like to cool a large quantity of food quickly.

If the function is active, the appliance operates at higher power. As a result, the appliance's operating noise may be temporarily louder and energy consumption will increase.

Activating SuperCool

Time for activation of the function:

- When you would like to store fresh food in the fridge section: Activate the function when inserting food.
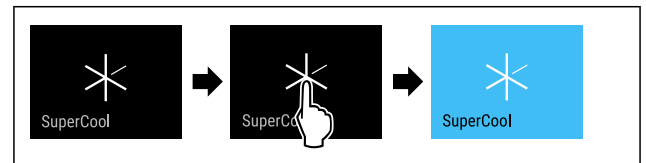

Fig. 29

Fig. 30

▶ Carry out action steps according to the illustration.
▷ SuperCool is activated.
▷ The temperature display turns blue.

Deactivating SuperCool

SuperCool is deactivated automatically after 18 hours. However, you can also deactivate SuperCool manually at any time:
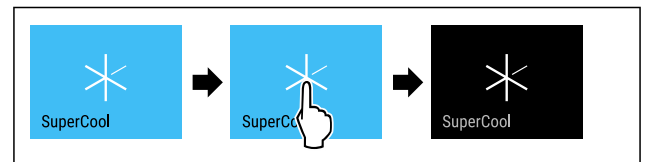

Fig. 31

Fig. 32

▶ Carry out action steps according to the illustration.
▷ SuperCool is deactivated.
▷ The appliance continues to run in normal mode.
▷ The appliance cools to the temperature set previously.

▣ VarioTemp

This function allows you to use the freezer compartment as an additional cooling zone. You can set the temperature from -2 °C to 14 °C. If you activate this function, it may cause more noise. However, the appliance is still fully functional.

For storage of foodstuff in the freezer compartment with the VarioTemp function activated, Liebherr recommends:

Temperature range	Foodstuff
4 °C to 9 °C	Cooked foods, cheese, preserves
0 °C	Packaged fruit and vegetables
-2 °C	Fresh fish and seafood
10 °C to 14 °C	Cold-sensitive foodstuffs such as sweet potatoes, pumpkin or exotic fruits, food or drinks that should not be eaten too cold

Activating VarioTemp

Make sure that the following requirements are fulfilled:
❑ The IceMaker has been cleaned. (see 9.4.5 Cleaning the IceMaker)

⚠ **WARNING**

Risk of food poisoning!
▶ Do not re-freeze thawed food.
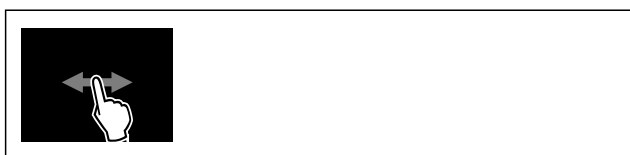▶ Use defrosted foodstuff as soon as possible.

Fig. 33

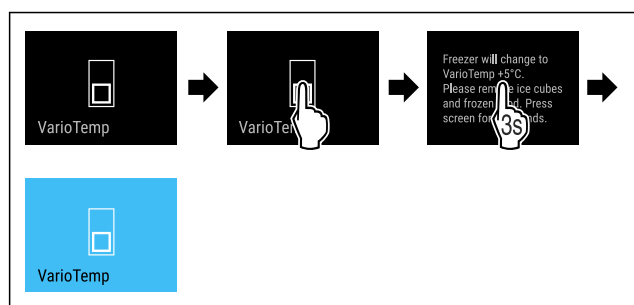*Fig. 34*
▶ Carry out steps according to the illustration.
▷ VarioTemp is activated.
▷ VarioTemp is set to the preselected value.
▷ The status display does not show the preset temperature until it is reached.

Adjusting VarioTemp

Make sure that the following requirements are fulfilled:
❑ The VarioTemp is activated. (see Activating VarioTemp)

⚠ **WARNING**

Risk of food poisoning!
▶ Do not re-freeze thawed food.
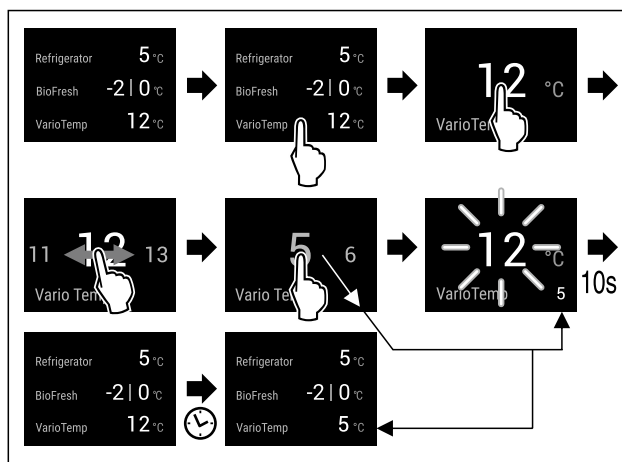▶ Use defrosted foodstuff as soon as possible.

Fig. 35 Example illustration: Change VarioTemp from 12 °C to 5 °C for a fridge-freezer combination with Fish & Seafood safe.
▶ Carry out steps according to the illustration.
▷ VarioTemp is adjusted.
▷ The status display does not show the new set temperature until it is reached.
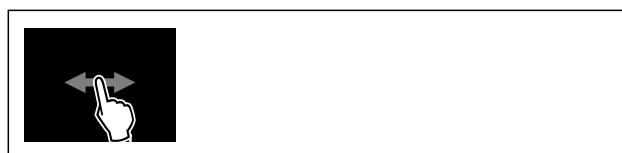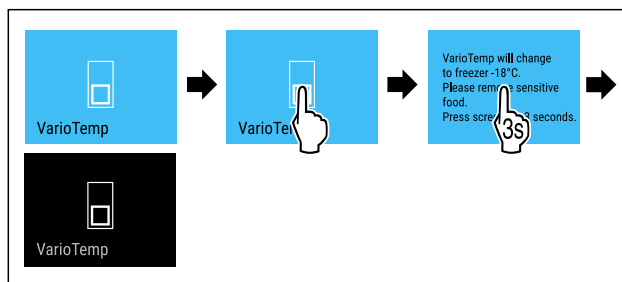
Deactivating VarioTemp

Fig. 36

Fig. 37
▶ Carry out steps according to the illustration.
▷ VarioTemp is deactivated.
▷ The freezer compartment is cooled to the preset temperature.

❄ SuperFrost

You can use this function to activate or deactivate SuperFrost. If SuperFrost is activated, then the appliance increases the freezing capacity. It allows you to achieve lower freezing temperatures.

Application:
- Quickly freeze fresh food through to the core.
  This ensures that the nutrition, appearance and taste of frozen food is maintained.
- Increase the cold reserve in stored frozen food before defrosting the appliance.

If the function is active, the appliance operates at higher power. As a result, the appliance's operating noise may be temporarily louder and energy consumption will increase.

Controls

Activating SuperFrost

Make sure that the following requirements are fulfilled:

❑ Freezing quantity and time for activation of SuperFrost are taken into account. (see Freezing food using SuperFrost)
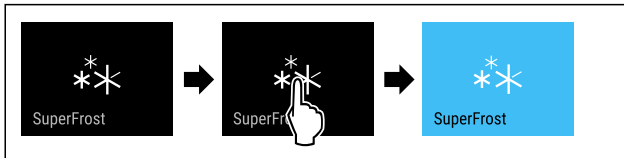❑ VarioTemp is deactivated. (see VarioTemp)

Fig. 38

Fig. 39

▶ Carry out action steps according to the illustration.
▷ SuperFrost is activated.
▷ The temperature display turns blue.

Deactivating SuperFrost

SuperFrost is automatically deactivated after 56 to 72 hours depending on the quantity of the food inserted. However, you can also deactivate SuperFrost manually at any time:

Fig. 40

Fig. 41

▶ Carry out action steps according to the illustration.
▷ SuperFrost is deactivated.
▷ The appliance continues to run in normal mode.
▷ The appliance cools to the temperature set previously.

Start defrosting cycle

Use this function to start the automatic defrosting cycle manually if it does not start automatically in the event of a fault.
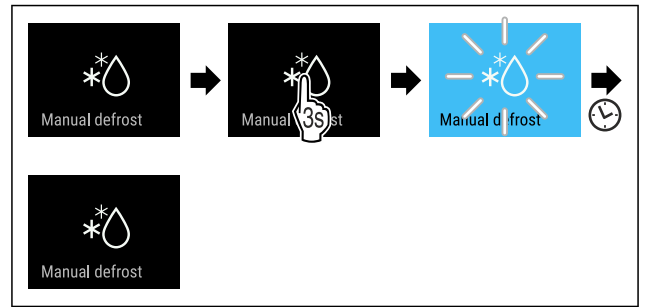
Starting defrosting cycle

Fig. 42

Fig. 43

▶ Carry out action steps according to the illustration.
▷ Defrosting cycle has started: Icon flashes until defrosting cycle is automatically completed.
▷ When defrosting cycle is finished: The device continues to run in normal mode.

Cancelling defrosting cycle

The defrosting cycle will be stopped automatically. However, you can also cancel the defrosting cycle at any time during the defrosting process:
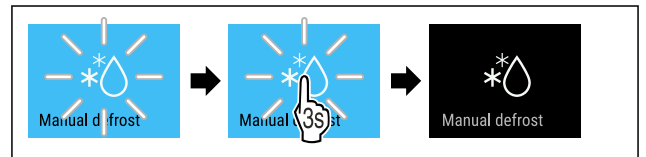

Fig. 44

▶ Carry out action steps according to the illustration.
▷ Defrosting cycle is cancelled.
▷ The device continues to run in normal mode.

PartyMode

You can use this function to activate or deactivate Party-Mode. PartyMode activates various functions that are useful for a party.

PartyMode activates the following functions:

- SuperCool
- SuperFrost
- IceMaker with MaxIce (see IceMaker / MaxIce)

You can adjust all listed functions individually and flexibly. When you deactivate PartyMode, all changes are discarded.

If the function is active, the device operates at higher power. As a result, the device's operating noise may be temporarily louder and energy consumption will increase.

Activating PartyMode

Make sure that the following requirements are fulfilled:

❑ The IceMaker has been started. (see 4.2 Starting the IceMaker for the first time)
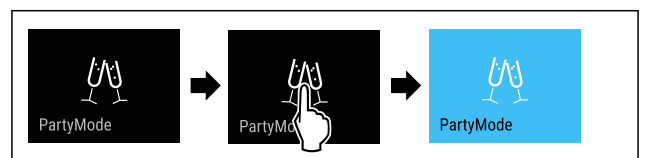

Fig. 45

Fig. 46

▶ Carry out action steps according to the illustration.
▷ PartyMode and the associated functions are activated.
▷ The temperature display turns blue.
▷ The current temperature flashes until the target temperature is reached.

Deactivating PartyMode

The PartyMode is automatically deactivated after 24 seconds. However, you can also deactivate PartyMode manually at any time:
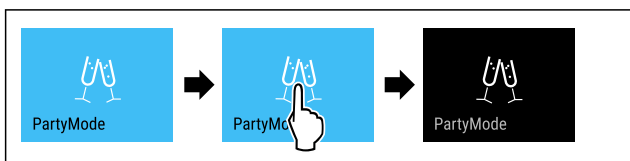

Fig. 47

Fig. 48

▶ Carry out action steps according to the illustration.
▷ PartyMode is deactivated.
▷ The appliance cools to the temperature set previously: The current temperature flashes until the target temperature is reached.

HolidayMode

You can use this function to activate or deactivate HolidayMode. If you activate HolidayMode, the fridge section is set to 15 °C. This saves you energy during longer periods of absence and prevents bad odours and growth of mould.

Appliance status when HolidayMode is active
Fridge section cools to 15 °C.
BioFresh cools to 15 °C.
The set temperature is maintained in the freezer section.
PartyMode is deactivated.
SuperCool is deactivated.

Activating HolidayMode

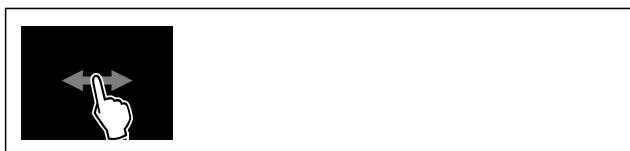▶ Empty the fridge section completely.
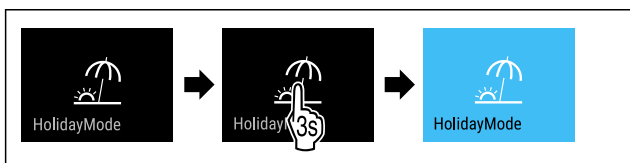▶ Empty BioFresh completely.

Fig. 49

Fig. 50

▶ Carry out action steps according to the illustration.
▷ HolidayMode is activated.
▷ Temperature display turns blue and shows HolidayMode symbol.

Deactivating HolidayMode

Fig. 51

Fig. 52

▶ Carry out action steps according to the illustration.
▷ HolidayMode is deactivated.
▷ The appliance cools to the temperature set previously.

SabbathMode

You can use this function to activate or deactivate SabbathMode. If you activate this function, some electronic functions are switched off. As a result, your device meets the religious requirements for Jewish holidays such as Sabbath and complies with STAR-K Kosher certification.

Device status when SabbathMode is active
The status display shows SabbathMode permanently.
All functions on the display are locked except for the **Deactivate SabbathMode function**.
Active functions remain active.
The display remains bright when you close the door.
The interior lighting is deactivated.
Reminders are not implemented. The set time interval stops.
Reminders and warnings are not displayed.
There is no door alarm.
There is no temperature alarm.
The IceMaker is switched off.
The defrosting cycle operates only for the specified time, without considering the appliance consumption.
After a power failure, the appliance returns to SabbathMode.

Device status

Note

This appliance has certification from the "Institute for Science and Halacha". (www.machonhalacha.co.il)

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

Controls

Activating SabbathMode

⚠️ **WARNING**

Danger of food poisoning from spoiled food!
If you have SabbathMode activated and a power failure occurs, no message appears in the status display about the power failure. Once the power is restored, the appliance continues to operate in SabbathMode. The power failure may mean that food spoils and the consumption of this food could lead to food poisoning.

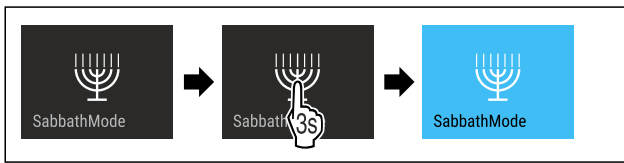After a power failure:
▶ Do not consume food that was frozen and has thawed out.

Fig. 53

Fig. 54
▶ Carry out action steps according to the illustration.
▷ SabbathMode is activated.
▷ The status display shows SabbathMode permanently.

Deactivating SabbathMode

The SabbathMode is automatically deactivated after 80 hours. However, you can also deactivate SabbathMode manually at any time:
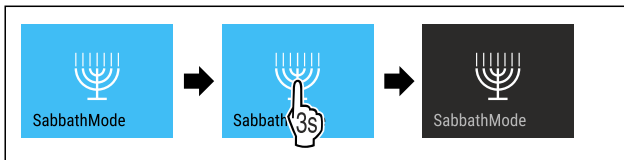

Fig. 55
▶ Carry out action steps according to the illustration.
▷ SabbathMode is deactivated.

🔄 EnergySaver

You can use this function to activate or deactivate Energy saving mode. If energy saving mode is activated, the energy consumption decreases and the temperature in the device increases. The food remains fresh, but the shelf life is shortened.

Temperature zone	Recommended setting (see Setting the temperature in the fridge section)	Temperature with active EnergySaver
5 °c Fridge section	4 °C	7 °C
-18 °c Freezer section	-18 °C	-16 °C

Temperatures
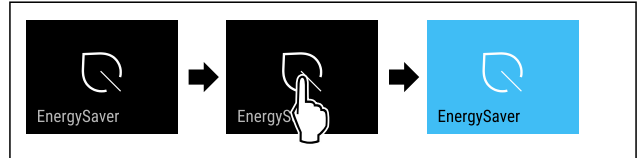
Activating EnergySaver

Fig. 56

Fig. 57
▶ Carry out action steps according to the illustration.
▷ Energy saving mode is activated.

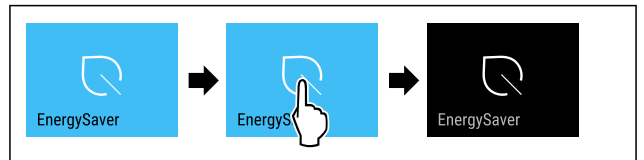### Deactivating EnergySaver

Fig. 58

Fig. 59
▶ Carry out action steps according to the illustration.
▷ Energy saving mode is deactivated.

🔄 HydroBreeze

You can use this function to activate or deactivate HydroBreeze. If you activate the function, HydroBreeze generates a fine, cool mist in BioFresh-safe. This extends the shelf life of unpackaged salad, vegetables and fruit with high intrinsic moisture.

If you activate the function, HydroBreeze activates every 90 minutes for 4 seconds when the door is closed. When you open the door, HydroBreeze activates according to the setting:

Value	Description
1	HydroBreeze is active for 4 seconds when the door is open.
2	HydroBreeze is active for 6 seconds when the door is open.
3	HydroBreeze is active for 8 seconds when the door is open.
Deactivated (pre-setting)	HydroBreeze is deactivated.

HydroBreeze duration when the door is open

Activating HydroBreeze

Note
If you activate HydroBreeze but there is no food in the drawer, condensate forms on the base of the drawer.
▶ Only activate HydroBreeze if you are storing food in the drawer.

Make sure that the following requirements are fulfilled:

❑ The HydroBreeze is clean. (see 9.4.4 Cleaning the Hydro-Breeze)
❑ The water tank is full. (see 8.9.1 Fill the water tank)

Activate HydroBreeze by selecting a value for the Hydro-Breeze duration:
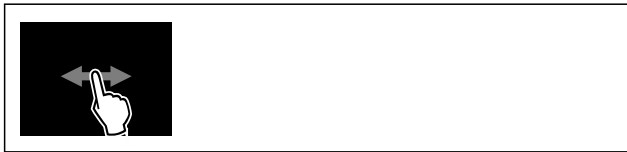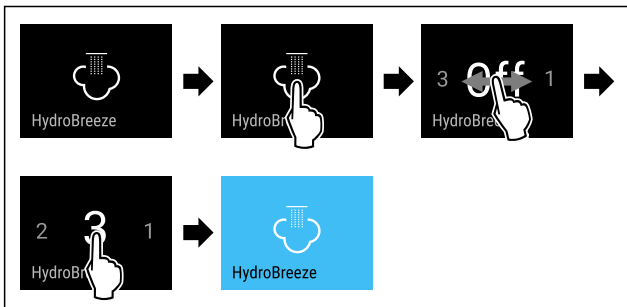
Fig. 60

Fig. 61 Example illustration: Activate HydroBreeze with value 3.

▶ Carry out action steps according to the illustration.
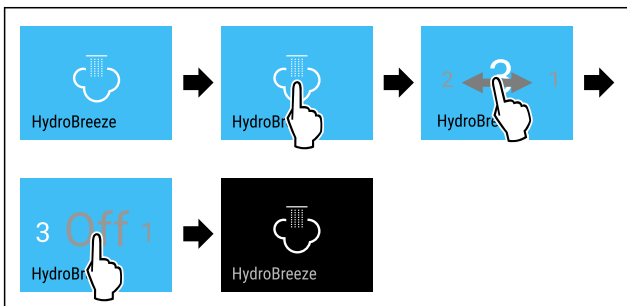▷ HydroBreeze is activated.

Deactivating HydroBreeze

Fig. 62

Fig. 63

▶ Carry out action steps according to the illustration.
▷ HydroBreeze is deactivated.

IceMaker / MaxIce

You can activate or deactivate ice cube production with the IceMaker function. Use the MaxIce function to increase the number of ice cubes in the IceMaker.

More information on the number of ice cubes:	(see 10.1 Technical specifications)
Further information on the IceMaker water supply:	(see IceMaker water supply)
More information on cleaning the lines of the IceMaker:	(see TubeClean)

If the function is active, the device operates at higher power. As a result, the device's operating noise may be temporarily louder and energy consumption will increase.

Activating IceMaker

Make sure that the following requirements are fulfilled:

❑ The water supply is established at the fixed water connection. See installation instructions.
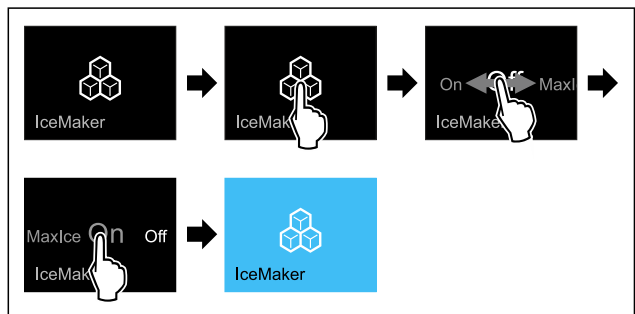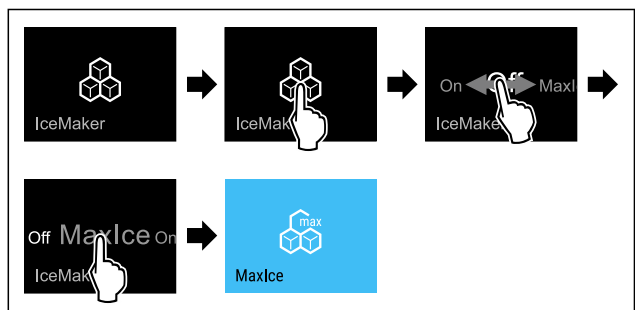❑ IceMaker is put into operation. (see 8.11 IceMaker)

Fig. 64

Fig. 65

▶ Carry out action steps according to the illustration.
-or-
▶ Activate with the SmartDevice app.

▷ IceMaker is activated. It can take up to 24 hours for the IceMaker to produce the first ice cubes.

Activating the IceMaker with MaxIce

If you have not activated the IceMaker function before, make sure that the following requirements are met:

❑ The water supply is established at the fixed water connection. See installation instructions.
❑ IceMaker is put into operation. (see 8.11 IceMaker)

Fig. 66

Fig. 67

▶ Carry out action steps according to the illustration.
-or-
▶ Activate with the SmartDevice app.

▷ The IceMaker is activated with MaxIce.

Controls

Changing between the IceMaker and MaxIce

If you have activated the IceMaker and would like to change to MaxIce:

Fig. 68

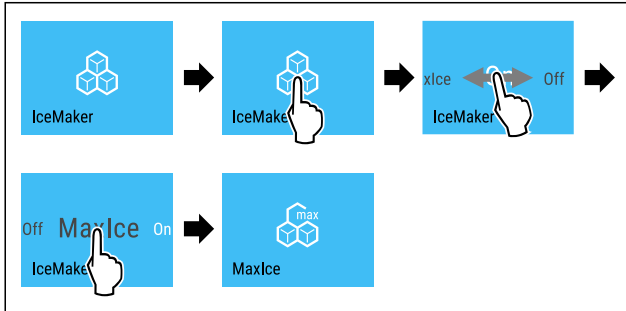*Fig. 69*

▶ Carry out action steps according to the illustration.
▷ The IceMaker is activated with MaxIce.

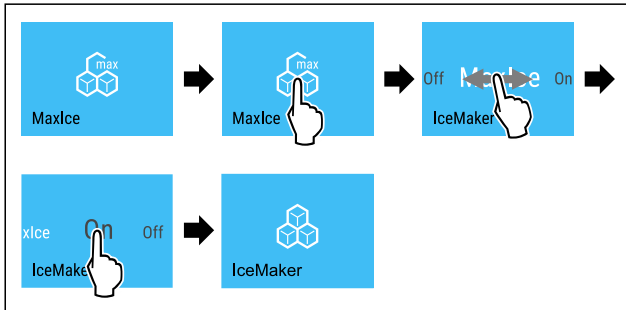If you have activated MaxIce and would like to change to the IceMaker:

Fig. 70

Fig. 71

▶ Carry out action steps according to the illustration.
▷ IceMaker is activated.
▷ MaxIce is deactivated.

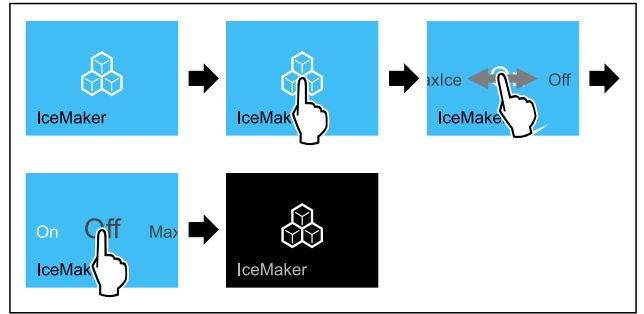### Deactivating the IceMaker / MaxIce

Fig. 72

Fig. 73 Example illustration of the active IceMaker function
▶ Carry out action steps according to the illustration.
-or-
▶ Deactivate with the SmartDevice app.

▷ IceMaker and MaxIce are deactivated.
▷ If ice cubes are currently being made, the system completes the process.
▷ The IceMaker goes off automatically.

IceMaker water supply

Use this function to set the IceMaker water supply. The IceMaker water supply regulates the amount of water supplied. The IceMaker water supply can be changed if the water supply does not match the water pressure and the ice cube size dispensed.

The IceMaker water supply is pre-set to value 5 as delivered. A value from 1 (smallest inflow volume) to 8 (largest inflow volume) can be selected.

Setting the IceMaker water supply

Make sure that the following requirements are fulfilled:

❏ The IceMaker has been started. (see 4.2 Starting the IceMaker for the first time)
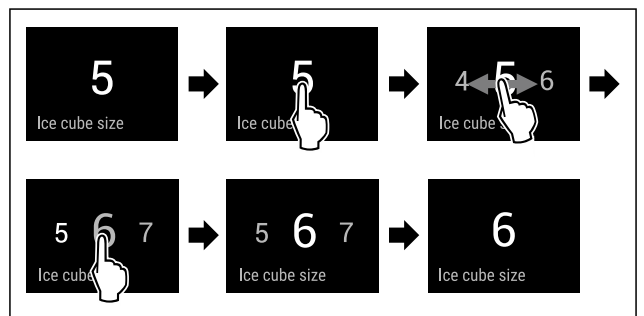❏ IceMaker is activated. (see   IceMaker / MaxIce)

Fig. 74

Fig. 75 Example illustration: Switch from value 5 to value 6.
▶ Carry out action steps according to the illustration.
▷ IceMaker water supply is set.

TubeClean

You can use this function to activate or deactivate Tube-Clean. If TubeClean is activated, it cleans the IceMaker lines.

Activating TubeClean

Make sure that the following requirements are fulfilled:

❑ IceMaker cleaning is prepared. (see 9.4.5 Cleaning the IceMaker)

❑ Empty container with a capacity of 1.5 l and with a maximum height of 10 cm is ready.
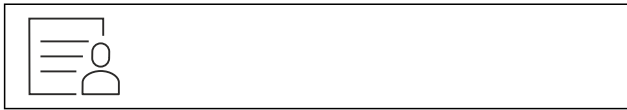
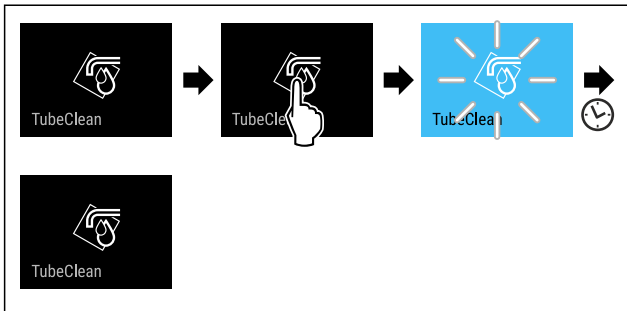▶ Place the container in the drawer under the IceMaker.

Fig. 76

Fig. 77

▶ Carry out action steps according to the illustration.

▷ TubeClean is activated.

▷ The cleaning process has started: Icon flashes until the cleaning process is automatically completed after 60 minutes.

▷ When the cleaning process is complete: The device continues to run in normal mode.

Deactivating TubeClean

TubeClean is automatically ended after 60 minutes. However, TubeClean can also be deactivated at any time during the cleaning process:
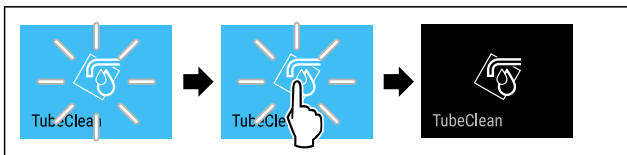

Fig. 78

▶ Carry out action steps according to the illustration.

▷ TubeClean is deactivated: Cleaning process is aborted.

▷ The device continues to run in normal mode.

CleaningMode

You can use this function to activate or deactivate CleaningMode. CleaningMode enables the appliance to be cleaned conveniently.

This setting applies to the fridge section.

Application:

- Clean the fridge section. (see 9.4 Cleaning the appliance)

Device status when CleaningMode is active
The status display shows CleaningMode permanently.
The fridge section is switched off.
Interior lighting is activated.
The reminders and warnings are not displayed. No signal tone sounds.

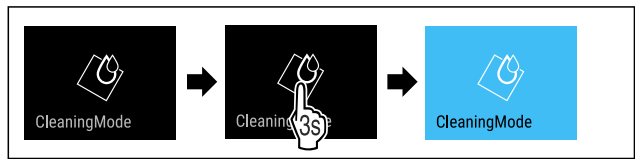*Device status*

Activating CleaningMode

Fig. 79

Fig. 80

▶ Carry out action steps according to the illustration.

▷ CleaningMode is activated.

▷ The status display shows CleaningMode permanently.

Deactivating CleaningMode

CleaningMode is deactivated automatically after 60 minutes. However, you can also deactivate Cleaning-Mode manually at any time:
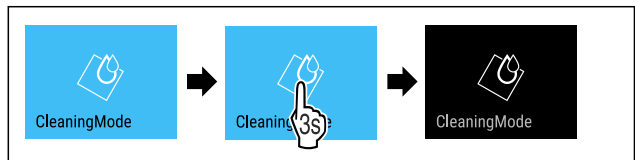

Fig. 81

▶ Carry out action steps according to the illustration.

▷ CleaningMode is deactivated.

▷ The appliance cools to the temperature set previously.

Display brightness

Use this function to set the display brightness in stages.

You can select the following brightness levels:

- 40 %
- 60 %
- 80 %
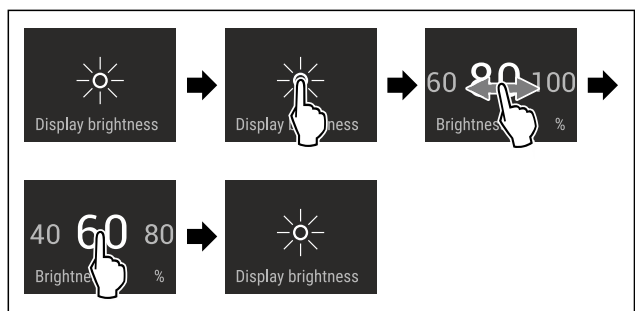- 100 % (pre-setting)

Setting the brightness

Fig. 82

Fig. 83 Example illustration: Switch from 80 % to 60 %.

▶ Carry out action steps according to the illustration.

▷ The brightness is set.

Controls

Door alarm

Use this function to activate or deactivate the door alarm. The door alarm sounds if the door is open for too long. The door alarm is activated on delivery. You can set how long the door may be open before the door alarm sounds.

The following values can be set:

- 1 minute
- 2 minutes
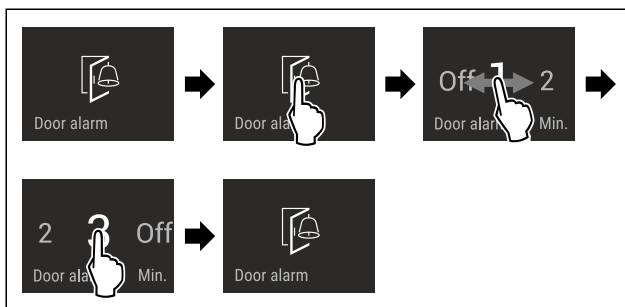- 3 minutes
- Off

Setting the door alarm

Fig. 84

Fig. 85 Example illustration: Change door alarm from 1 minute to 3 minutes.

▶ Carry out action steps according to the illustration.
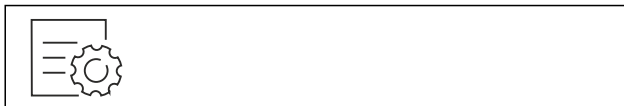▷ The door alarm is set.
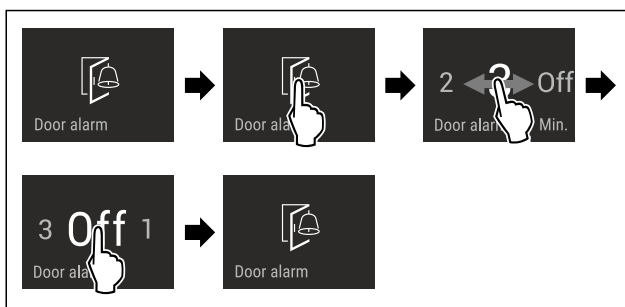
Deactivating the door alarm

Fig. 87

Fig. 88

▶ Carry out action steps according to the illustration.
▷ The door alarm is deactivated.

Input lock

You can use this function to activate or deactivate the input lock. The input lock prevents the appliance being operated accidentally, e.g. by children.

Application:

- Avoid unintentional modification of functions.
- Avoid unintentional switching off of the device.
- Avoid unintentional temperature setting.

Activating the input lock

If you activate the input lock, you can continue to navigate in the menus but you cannot select or change other functions.
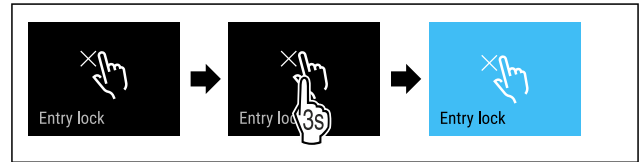
Fig. 89

Fig. 90

▶ Carry out action steps according to the illustration.
▷ Input lock is activated.

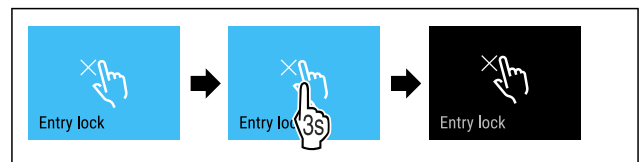**Deactivating the input lock**

Fig. 91

Fig. 92

▶ Carry out action steps according to the illustration.
▷ Input lock is deactivated.

Language

Use this function to set the display language.

You can select the following languages:

- Deutsch
- English
- Français
- Español
- Italiano
- Nederlands
- Čeština
- Polski
- Português
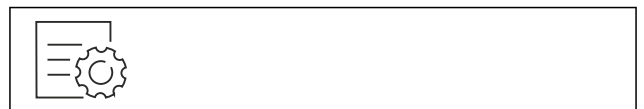- Bulgarian
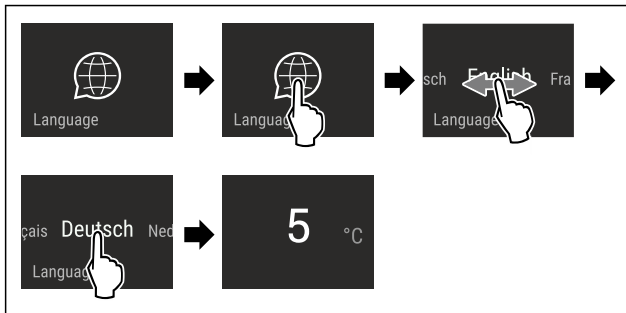- Русский
- 温度单位

Setting the language

Fig. 93

Fig. 94 Example illustration depending on the language and temperature

▶ Carry out action steps according to the illustration.
▷ The language is set.
▷ The display returns to the status display.

Device information

Use this function to indicate the model name, index, serial number and service number of your device. You will need the device information when you contact customer service. (see 10.4 Customer Service)

This function also opens the Advanced menu. (see 3 Functionality of the Touch & Swipe display)

Indicating the device information

Fig. 95

Fig. 96

▶ Carry out action steps according to the illustration.
▷ Display indicates device information.

Software

Use this function to indicate the software version of your device.

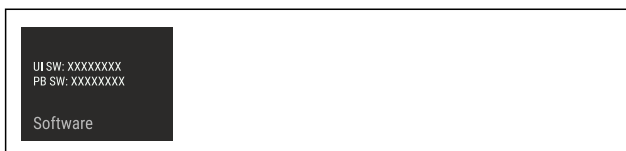**Indicating the software version**

Fig. 97

Fig. 98

▶ Carry out action steps according to the illustration.
▷ Display indicates software version.

Reminder

Use this function to activate or deactivate the reminders. The function is activated on delivery.

If the function is activated, the following reminders will appear:

- Replace the FreshAir activated carbon filter (see Replace the FreshAir activated carbon filter)
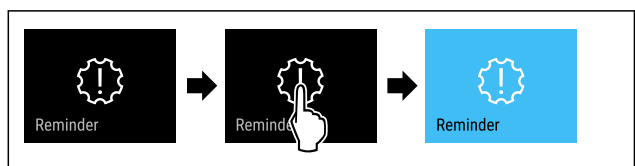
Activating the reminder

Fig. 99

Fig. 100

▶ Carry out action steps according to the illustration.
▷ Reminder is activated.
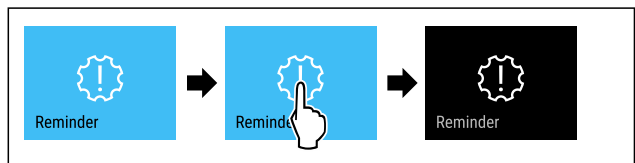
Deactivating the reminder

Fig. 101

Fig. 102

▶ Carry out action steps according to the illustration.
▷ Reminder is deactivated.

Demo mode

Demo mode is a special feature for dealers who want to demonstrate appliance features. If you activate demo mode, all refrigeration functions are deactivated.

If you switch on your appliance and "Demo" appears in the status display, then demo mode is already activated.

If you activate and then deactivate demo mode, the appliance will be reset to factory defaults. (see   Resetting to factory settings)

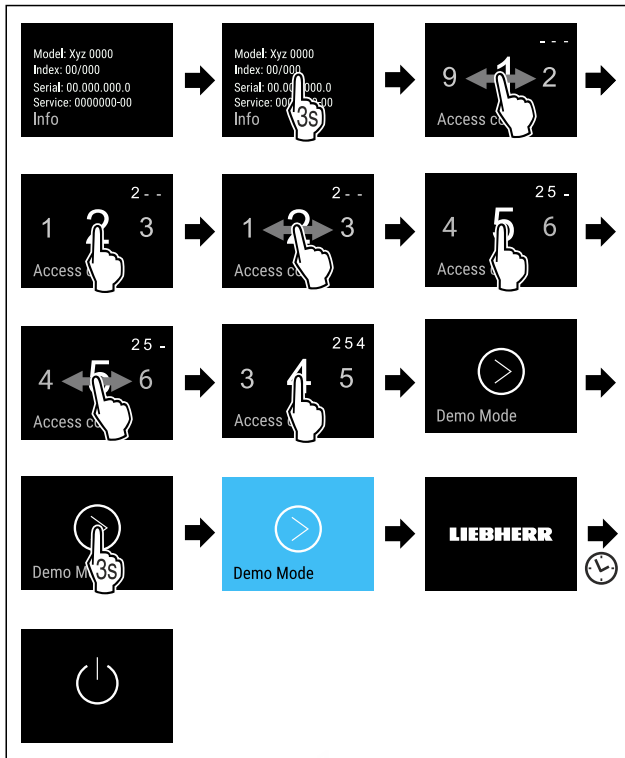**Activating demo mode**

Fig. 103

Fig. 104

▶ Carry out action steps according to the illustration.
▷ Demo mode is activated.
▷ Appliance is switched off.
▶ Switch on the appliance. (see 4.1 Switching on appliance (first use))
▷ "DEMO" appears in the status display.
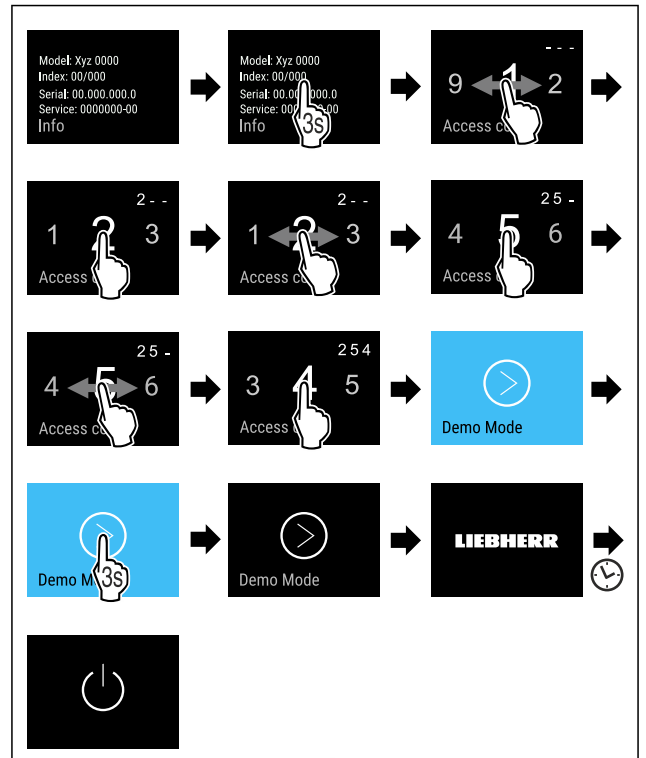
Deactivating demo mode

Fig. 105

Fig. 106

▶ Carry out action steps according to the illustration.
▷ Demo mode is deactivated.
▷ Appliance is switched off.
▶ Switch on the appliance. (see 4.1 Switching on appliance (first use))
▷ Appliance is reset to factory settings.

Resetting to factory settings

Use this function to reset all settings to factory defaults. All settings you have made so far are reset to their original settings.
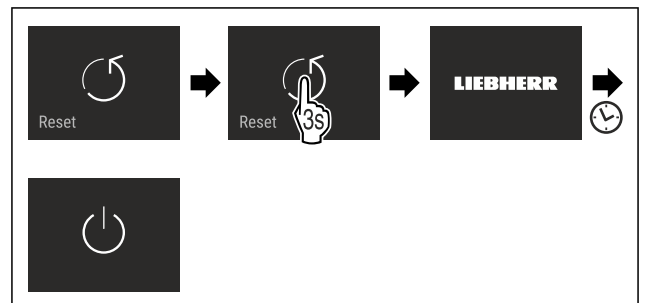
Performing a reset

Fig. 107

Fig. 108

▶ Carry out action steps according to the illustration.
▷ Device is reset.
▷ Device is switched off.
▶ Restart the device. (see 4.1 Switching on appliance (first use))
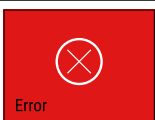
7.3 Messages

There are two categories of messages:

Category	Importance
Warning	Warnings appear in the event of a door alarm or malfunction. Simple warnings can be cancelled by yourself. In the event of serious malfunctions, you must contact customer service. (see 10.4 Customer Service)
Reminder	Reminders remind you of general processes. You can carry out these operations to end the message.

7.3.1 Overview of warnings

Behaviour of the appliance in the event of warnings:

- Warning appears in red on the display.
- The alarm tone sounds at an ever-increasing volume.
- The interior lighting pulsates for some warnings.

| Message	Cause	Exit the message
Door alarm	The message appears if the door is open for too long.	Carry out action steps (see Door alarm) .
Power outage alarm	The message appears if the freezing temperature has risen due to a power failure.	Carry out action steps (see Power outage alarm) .
Temperature alarm	The message appears if the freezing temperature does not correspond to the set temperature.	Carry out action steps (see Temperature alarm) .
Error	The message appears if there is an appliance error. A component of the appliance has a fault.	Carry out action steps (see Error) .

7.3.2 Ending warnings

Door alarm
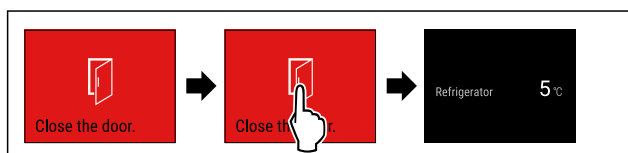
Fig. 109 Example illustration

▶ Carry out action steps according to the illustration.

-or-

▶ Close the door.

▷ The display returns to the status indicator.

You can set how long the door may be open before the door alarm sounds. (see Setting the door alarm)

Power outage alarm

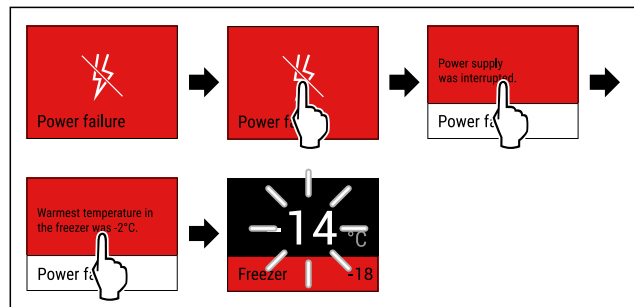When the power failure has ended, the appliance cools down to the previously set target temperature.

Fig. 110 Example illustration

▶ Briefly touch the display.

▷ Display shows information about the warning.

▶ Briefly touch the display.

▷ Warmest freezing temperature is displayed.

▷ If the freezing temperature was below -9 °C: Food can still be consumed.
If the freezing temperature has risen above -9 °C:

▶ Check the food.

▶ Briefly touch the display.

▷ The display returns to the status indicator: Current temperature and target temperature are displayed.

Temperature alarm

Temperature differences can be caused by:

- You have put in warm, fresh food.
- Too much warm air has got in while you were sorting out the freezer or removing items.
- There has been a longer power failure.
- The appliance is faulty.

▶ Eliminate causes.

▷ The appliance cools to the target temperature set previously.
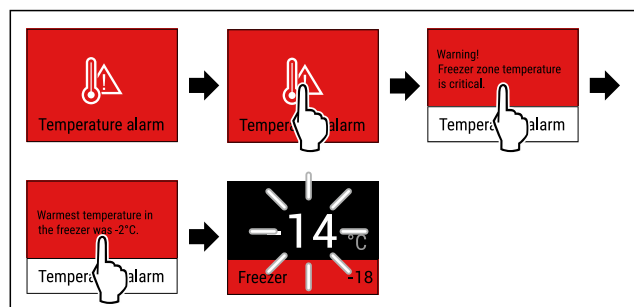
Fig. 111 Example illustration

▶ Briefly touch the display.

▷ Display shows information about the warning.

▶ Briefly touch the display.

▷ Warmest freezing temperature is displayed.

▷ If the freezing temperature was below -9 °C: Food can still be consumed.
If the freezing temperature has risen above -9 °C:

▶ Check the food.

▶ Briefly touch the display.

▷ The display returns to the status indicator: Current temperature and target temperature are displayed.

Controls

Error

Fig. 112 Example illustration

▶ Briefly touch the display.
▷ Error code is displayed.
▶ Note the error code.
▶ Briefly touch the display.
▷ The display returns to the status indicator.
▶ Contact Customer Service. (see 10.4 Customer Service)

7.3.3 Overview of reminders

Behaviour of the appliance during reminders:

- Reminder appears yellow on the display.
- Alarm tone sounds.
- The interior lighting pulsates for some reminders.

Message	Cause	Exit the message
No water **Check the water connection**	The message appears if the IceMaker is activated but the IceMaker is not being supplied with water via the fixed water connection.	Carry out action steps (see Check the water connection) .
No Drawer **Insert the IceMaker drawer**	The message appears if the IceMaker is activated but the IceMaker drawer is open.	Carry out action steps (see Insert the IceMaker drawer) .
FreshAir filter **Replace the FreshAir activated carbon filter**	The message appears when the activated carbon filter needs to be replaced.	Carry out action steps (see Replace the FreshAir activated carbon filter) .

7.3.4 Ending reminders

Check the water connection

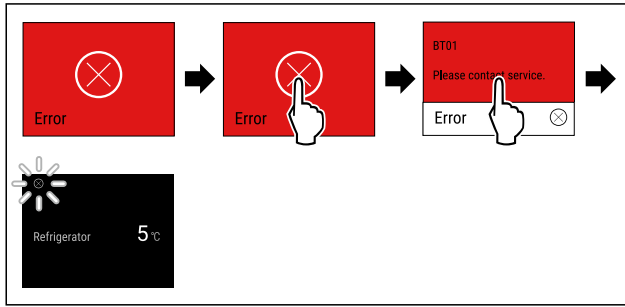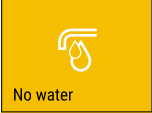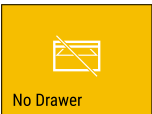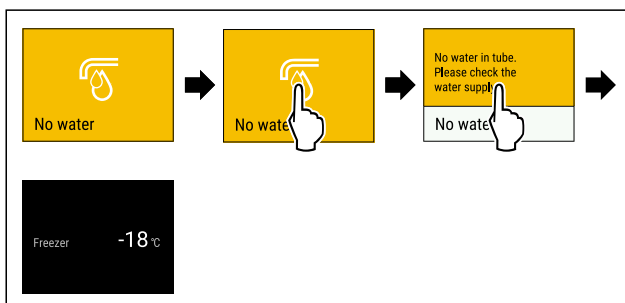*Fig. 113 Example illustration*

▶ Briefly touch the display

▷ Display shows reminder information.
▶ Briefly touch the display.
▶ Check the water connection.
-or-
▶ Deactivate IceMaker. (see Deactivating the IceMaker / MaxIce)

If water connection is checked and IceMaker is activated:
▶ Clean the IceMaker. (see 9.4.5 Cleaning the IceMaker)
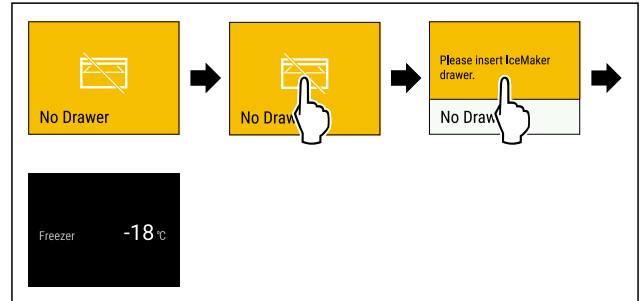▷ IceMaker produces ice cubes.

Insert the IceMaker drawer

Fig. 114 Example illustration

▶ Briefly touch the display.
▷ Display shows reminder information.
▶ Briefly touch the display.
▶ Insert the IceMaker drawer.
-or-
▶ Deactivate IceMaker. (see IceMaker / MaxIce)

▷ If IceMaker drawer is inserted and IceMaker is activated: IceMaker produces ice cubes.

Replace the FreshAir activated carbon filter

Liebherr recommends: Replace the FreshAir activated carbon filter every 6 months.

Note
FreshAir activated charcoal filters can be purchased from the Liebherr-Hausgeräte store at home.liebherr.com/shop/de/deu/zubehor.html.

Fig. 115 Example illustration
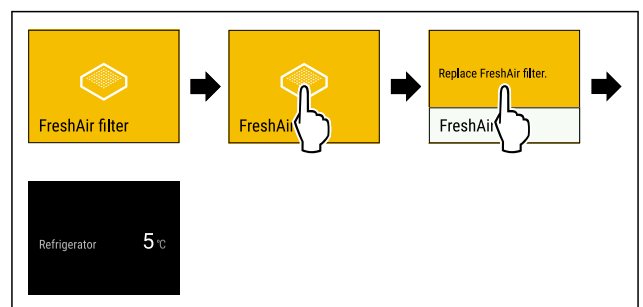
▶ Briefly touch the display.
▷ Display shows reminder information.
▶ Briefly touch the display.
▶ Replace the activated carbon filter. (see 9.1 FreshAir carbon filter)
▷ Activated carbon filter ensures optimum air quality in the cooling unit.
▷ Reminder appears again after 6 months.

If you no longer wish to receive this reminder, you can deactivate it. (see Deactivating the reminder)

8 Features

8.1 Door rack

8.1.1 Move/remove the door rack
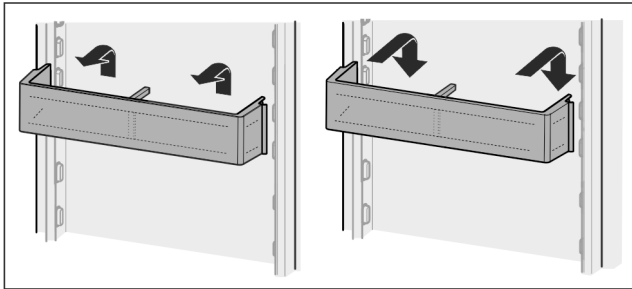
Fig. 116
▶ Slide the rack upwards.
▶ Pull forwards.
▶ Re-insert it in reverse order.
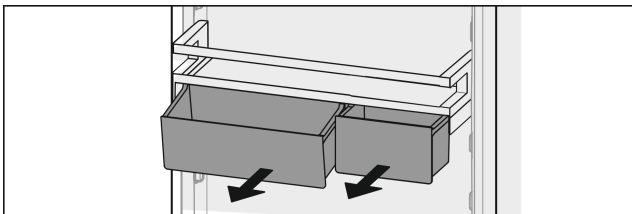
Fig. 117

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

Move the VarioBox shelf:
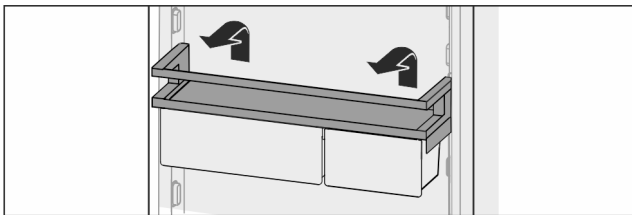
Fig. 118
▶ Pull it up and out.
▶ Put it back in at any position.

Moving the VarioBoxes:
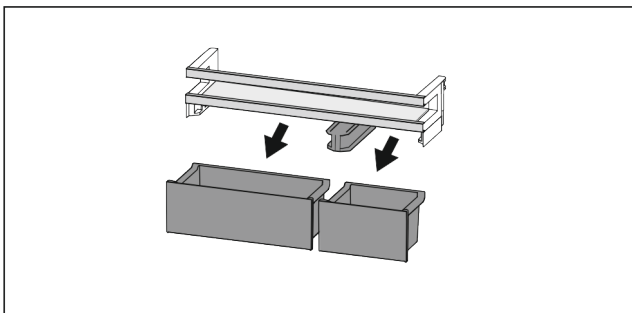
Fig. 119
If the door rack is removed:
▶ Remove containers.
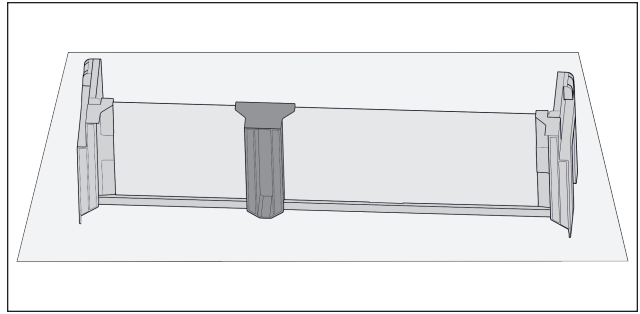
Fig. 120
▶ Place the shelf on the table.
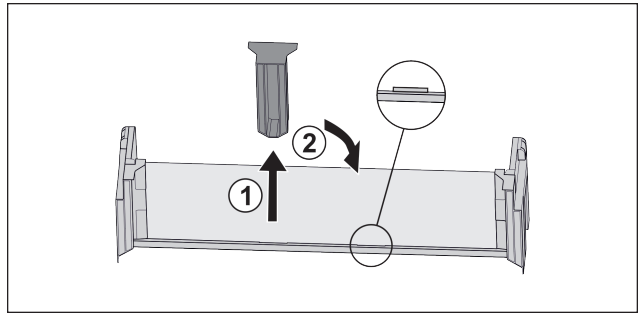
Fig. 121
▶ Pull off the middle holder *Fig. 121 (1)*.
▶ Insert the middle holder in the second position *Fig. 121 (2)*.
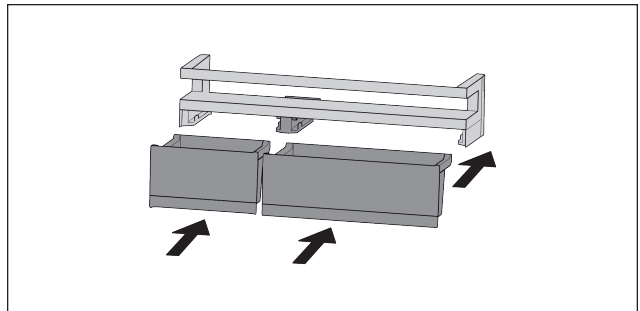
Fig. 122
▶ Replace containers.

8.1.2 Disassembling the door rack

The door rack can be taken apart for cleaning.

Fig. 123

Fig. 124

Fig. 125
▶ Disassemble the door rack.

8.2 Shelves

8.2.1 Adjusting/removing the shelves

The shelves are prevented from being pulled out accidentally by pull out stops.
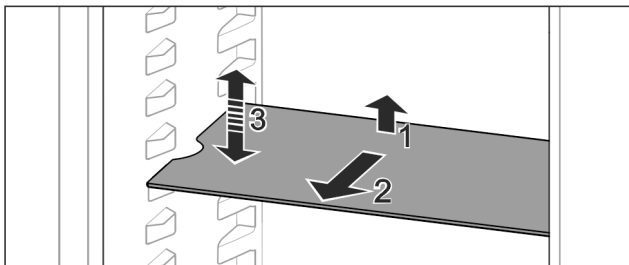
Fig. 126
▶ Lift the shelf and pull forward.
▷ Line up the side runner.
▶ Adjust the height of the shelf: Lift or lower it to the desired height and slide it in.
-or-
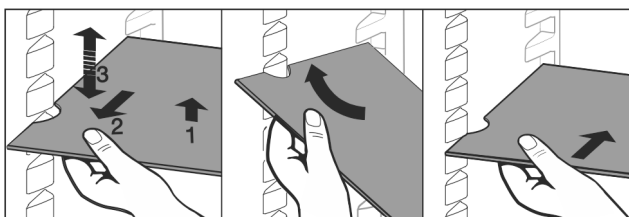
Fig. 127
▶ Remove the shelf completely: Pull it out to the front.

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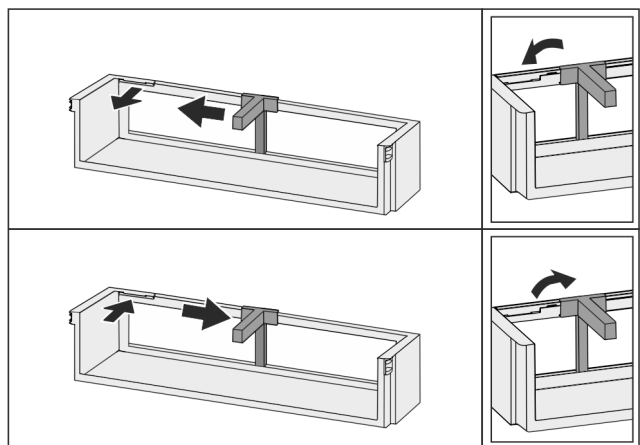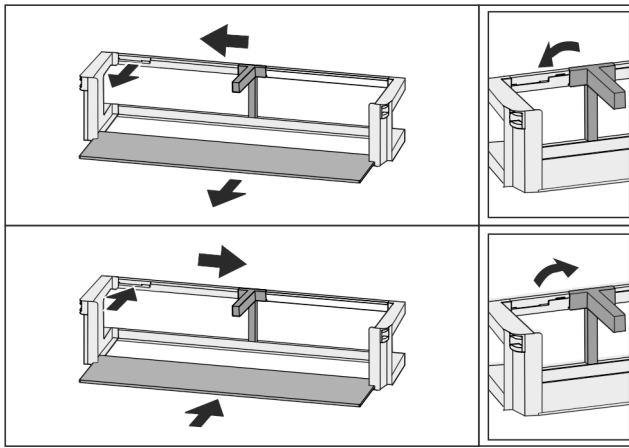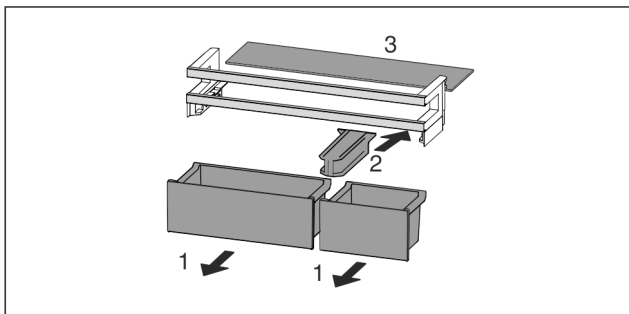▶ Insert the shelf again: Slide it in all the way.
▷ The pull-out stoppers point downwards.
▷ The pull-out stoppers are behind the front support.

8.3 Dividing shelf

8.3.1 Using the dividing shelf

The shelves are prevented from being pulled out accidentally by pull out stops.
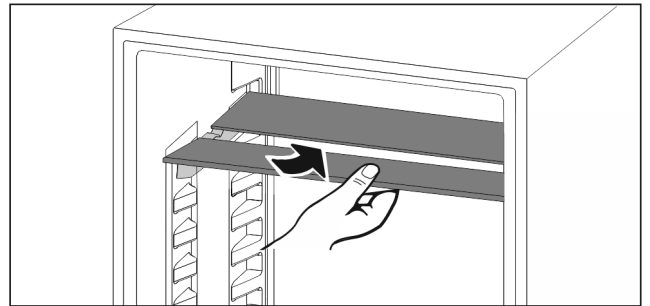
Fig. 128
▶ Push the dividing shelf underneath as shown.
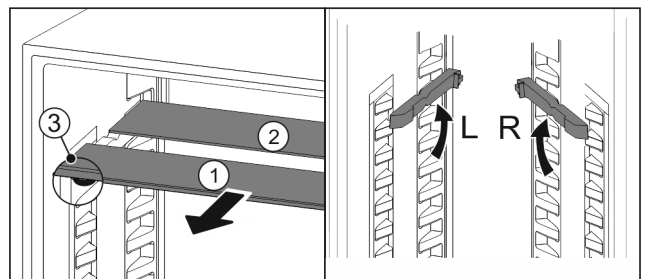
Fig. 129

Adjusting the height:
▶ Pull the glass panels out *Fig. 129 (1)* from the front, one at a time.
▶ Release the support rails and click in at the height you want.
▶ Slide in the glass panels one at a time.
▷ Flat pull-out stoppers at the front, right behind the support rails.
▷ High pull-out stoppers at the back.

Using both shelves:
▶ Hold the glass panel with one hand and pull it to the front.
▷ The glass panel *Fig. 129 (1)* and trim strip are at the front.
▷ The stops *Fig. 129 (3)* point down.

8.4 Space for baking tray

There is space for a baking tray *Fig. 1 (6)* above the drawers.
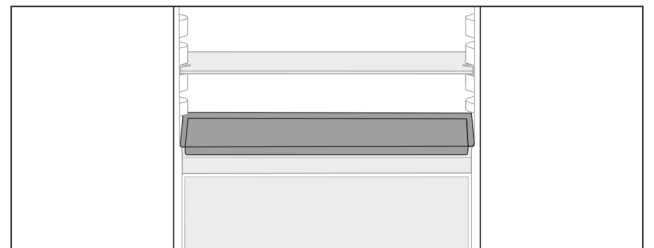
Fig. 130

Ensure that the following conditions are met:
❑ Max. baking tray dimensions are adhered to (see 10.1 Technical specifications) .
❑ Baking tray is cooled to room temperature.
❑ The lowest door rack is set at least one position higher.

With the door open to 90°:
▶ Slide the baking tray onto the lower side runners.
-or-

If baking tray is uneven:
▶ Use the supplied support rails.
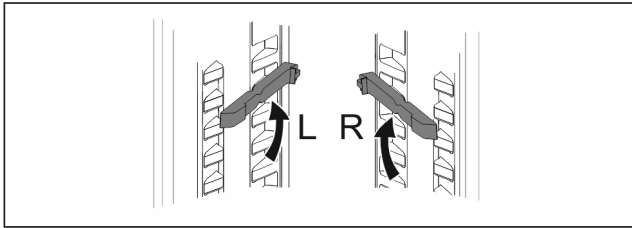
Fig. 131
▶ Snap support rails into the lowest runners.
   With the door open to 90°:
▶ Slide the baking tray in on the support rails.

8.5 Adjustable bottle shelf

8.5.1 Using the bottle shelf

In the bottom of the fridge section you can either use the variable bottle shelf or the glass panel.
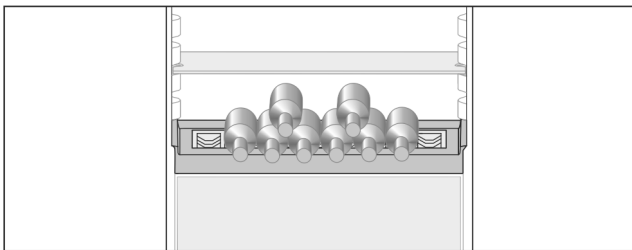
Fig. 132
▶ Remove the glass panel and store in a safe place.
▶ Lay bottles with their base towards the rear wall.

Note
If the bottles are protruding over the front of the bottle shelf:
▶ Move the lower door rack up a place.

8.5.2 Removing the bottle shelf

You can remove the bottle shelf for cleaning.
▶ Remove the glass panel above the bottle shelf.
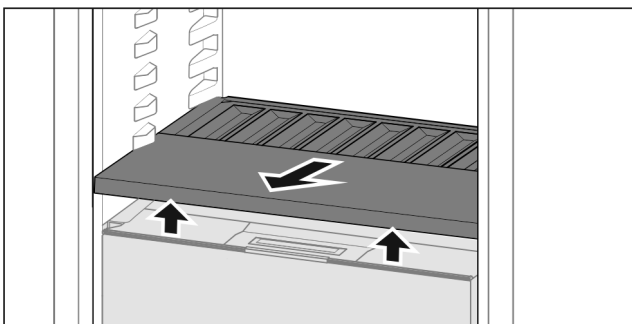
Fig. 133
▶ Lift the bottle shelf at the front and pull out.

Note
Liebherr recommends the following:
Do not place any goods on the drawer cover below.

8.5.3 Inserting the bottle shelf
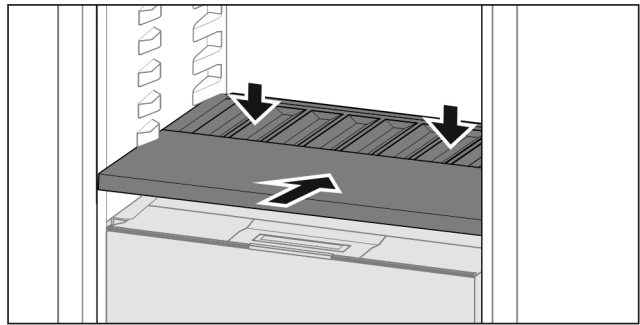
Fig. 134
▶ Slide in the bottle shelf until it engages and push down.
▷ The lugs at the back of the bottle shelf are connected automatically.
▷ LED comes on.

8.6 Drawers

You can remove the drawers for cleaning.

You can remove the drawers to use VarioSpace.

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

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

8.6.1 Drawer on appliance base or glass shelf

The drawer runs directly on the appliance base or on a glass shelf. There are no rails.

When you remove the drawers, you can use the glass shelves below them as storage shelves.

Removing drawer
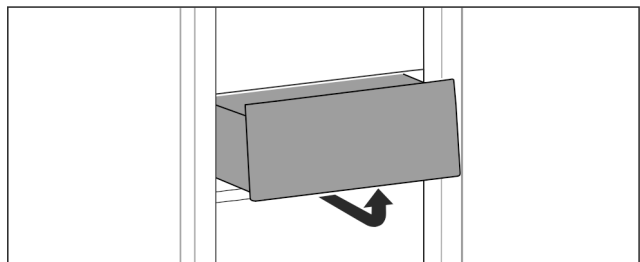
Fig. 135
▶ Remove drawer as shown in the illustration.

Inserting drawer
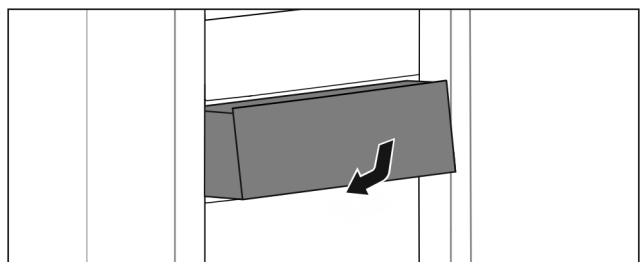
Fig. 136
▶ Insert drawer as shown in the illustration.

Features

8.6.2 Drawer on telescopic rails

The drawer runs on extendible rails (telescopic rails). There are fully extendible telescopic rails and telescopic rails with partial pull-out. Drawers which are fully extendible can be pulled out fully from the appliance. Drawers with partial pull-out cannot be removed fully from the appliance. The system in your appliance depends on the type of appliance.

Fully extendible*

If you have fully extendible rails, there is a clamp located at the back on the left and right of the rail.

Removing drawer
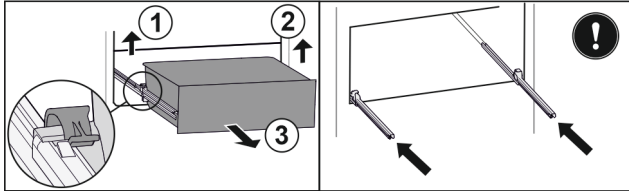
Fig. 137

▶ Pull out drawer as far as it will go.
▶ Lift left clamp and simultaneously pull drawer forwards on the left. *Fig. 137 (1)*
▶ Lift right clamp and simultaneously pull drawer forwards on the right. *Fig. 137 (2)*
▶ Remove drawer to the front. *Fig. 137 (3)*
▶ Slide rails in.

Inserting drawer
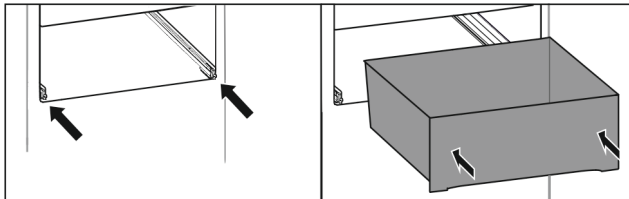
Fig. 138

▶ Slide rails in.
▶ Place drawer on rails.
▶ Slide in drawer to the back.
▷ Drawer latches in audibly at the back.

Partial pull-out fridge compartment*

Removing drawer
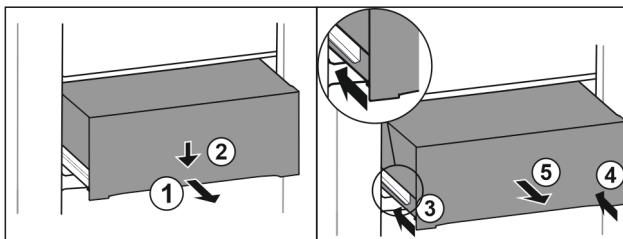
Fig. 139

▶ Pull out drawer half-way. *Fig. 139 (1)*
▶ Push the drawer down at the front. *Fig. 139 (2)*
▶ Push the left rail in by about 2 cm. *Fig. 139 (3)*
▶ Push the right rail in by about 2 cm. *Fig. 139 (4)*
▶ Remove drawer to the front. *Fig. 139 (5)*
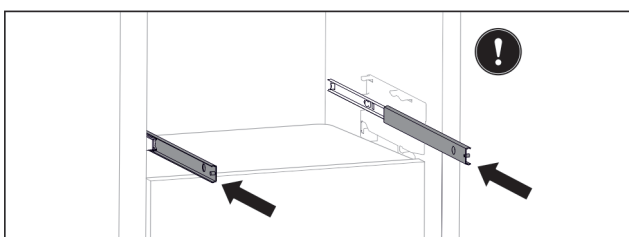

Fig. 140
If the rails are not yet fully inserted after removing the drawer:
▶ Push rails in completely.

Inserting drawer
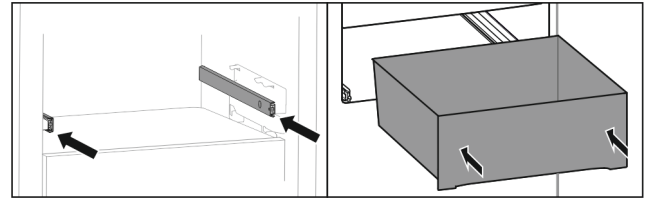
Fig. 141

▶ Slide rails in.
▶ Place drawer on rails.
▶ Slide in drawer to the back.

Partial pull-out freezer compartment

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

Removing drawer
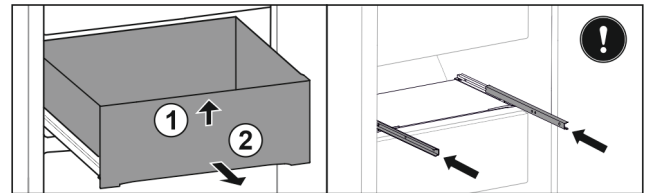
Fig. 142
If the drawer is in the top freezer:
▶ Pull out drawer as far as it will go.
▶ Lift up drawer at the front. *Fig. 142 (1)*
▶ Remove drawer to the front. *Fig. 142 (2)*
▶ Slide rails in.

-or-
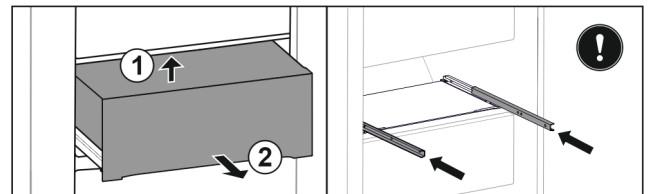
Fig. 143
If the drawer is in the middle part of the freezer compartment:
▶ Pull out drawer half-way.

▶ Lift drawer from below. *Fig. 143 (1)*
▶ Remove drawer to the front. *Fig. 143 (2)*
▶ Slide rails in.

Inserting drawer
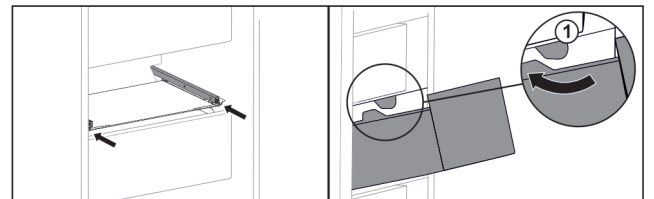
Fig. 144

▶ Slide rails in.
▶ Guide drawer around the stoppers *Fig. 144 (1)*.
▶ Place drawer on rails.
▶ Slide in drawer to the back.

8.7 Fruit & Vegetable safe cover

You can remove the compartment cover for cleaning.

8.7.1 Removing the compartment cover

Ensure that the following conditions are met:
❑ Bottle shelf is removed (see 8.5 Adjustable bottle shelf) .
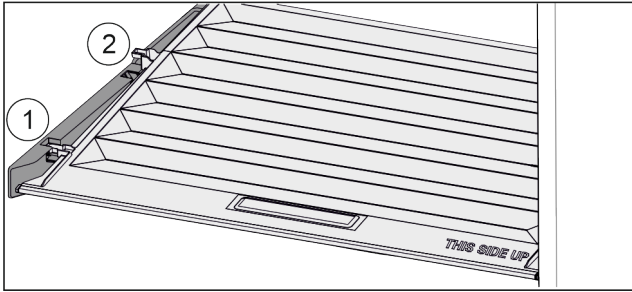
Fig. 145
When the drawers are removed:
▶ Pull the lid up at the front to the opening in the retaining parts *Fig. 145 (1)*.
▶ Lift from the back and pull it up and out *Fig. 145 (2)*.

8.7.2 Inserting the compartment cover
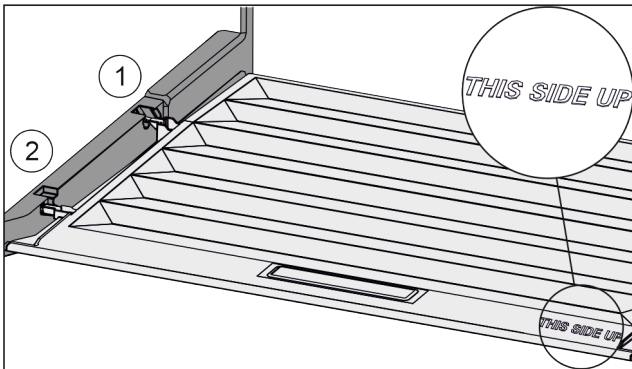
Fig. 146
If the text THIS SIDE UP points upwards:
▶ Insert the lip of the cover over the opening of the rear bracket *Fig. 146 (1)* and click into place *Fig. 146 (2)*.
▶ Position the cover where you want it (see 8.8 Adjusting the moisture levels) .

8.8 Adjusting the moisture levels

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

The compartment lid is attached to the drawer and can be hidden by a shelf or additional drawers.
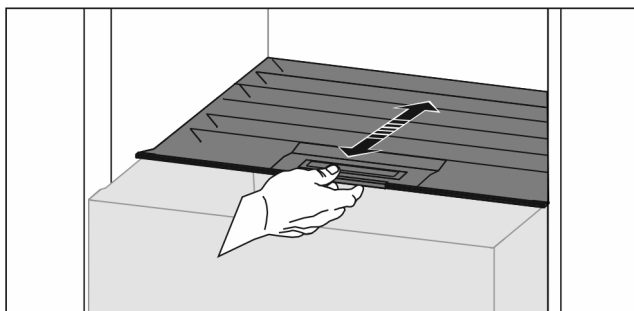
Fig. 147
Low air humidity
▶ Open the drawer.
▶ Slide the compartment cover forwards.

▷ With the drawer closed: Gap between the cover and the compartment.
▶ Switch off HydroBreeze.
▷ The air moisture in the Safe decreases.
High air moisture
▶ Open the drawer.
▶ Slide the cover back.
▷ With the drawer closed: The cover seals the compartment.
▶ Activate the HydroBreeze.
▷ The air moisture in the Safe increases.
If there is too much moisture in the compartment:
▶ Choose the setting "low air moisture".
-or-
▶ Remove any excess moisture with a cloth.

Note
You can apply the "low air moisture" setting to the Fruit & Vegetable-Safe and the Meat & Dairy-Safe.
▶ Set the "low air moisture" option.

8.9 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.

Ensure that the following conditions are met:
- The water tank is clean (see 9.4.3 Clean the components) .
- The water tank is properly engaged.
- Moisture is set to "high moisture" (see 8.8 Adjusting the moisture levels) .
- HydroBreeze is on (see HydroBreeze) .

8.9.1 Fill the water tank

⚠ **WARNING**
Unclean water!
Contaminants.
▶ Only fill with drinking water.
▶ The HydroBreeze is off: empty water tank.
▶ The HydroBreeze is no longer in use: empty water tank.

NOTICE
Sugar-content liquids!
Damage to HydroBreeze.
▶ Only fill with drinking water.

Note
Only use filtered, decarbonised water for the best quality drinking water and to make the HydroBreeze, work smoothly.
This water quality can be achieved using a table water filter of the kind available in trade retail outlets.
▶ Only ever fill the water tank with filtered, decarbonised drinking water.

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

Features
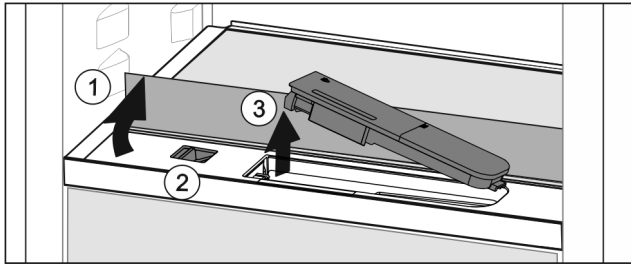
Fig. 148

▶ Press on the back-left corner of the front glass plate.
▷ The glass panel folds up at the front.
▶ Lift the glass panel and fold towards the rear until it clicks into place *Fig. 148 (1)*.
▷ Glass panel stands upright.
▶ Slide the slider *Fig. 148 (2)* to the left.
▷ The water tank jumps out of its recess.
▶ Remove the water tank *Fig. 148 (3)*.
▶ Cleaning the water tank (see 9.4.3 Clean the components) .
   Square opening:
▶ Fill with drinking water up to the marker.
▶ Insert the water tank into the recess, bottom first.
▶ Slowly lower the front part and push the tank in.
▷ The water tank is clicked into place.

8.9.2 Dismantling the water tank

You can remove the HydroBreeze water tank for cleaning.
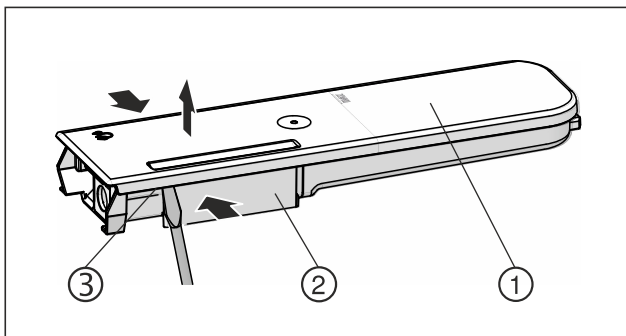
Fig. 149

▶ Push the water tanks *Fig. 149 (2)* together, leverage the cover *Fig. 149 (1)* carefully over the latching tabs *Fig. 149 (3)* and lift it up.
▷ The cover is released.
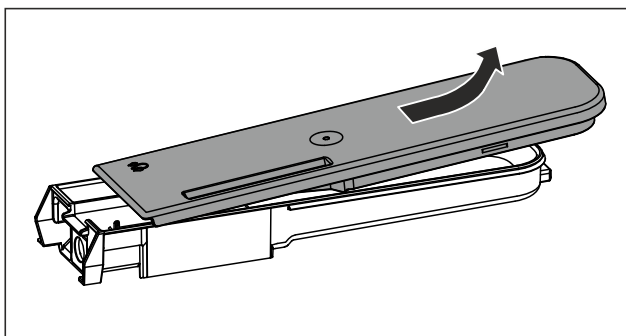
Fig. 150

▶ Move the cover *Fig. 149 (1)* slightly forwards and back, and remove to the top.
▷ The water tank has been dismantled.

8.10 Glass shelves

You can remove the glass shelves under the drawers for cleaning.

You can remove the glass shelves under the drawers to use VarioSpace.

8.10.1 Removing / inserting the glass shelf

Make sure that the following requirements are fulfilled:
❏ Glass shelf under the drawer: The drawer has been removed. (see 8.6 Drawers)

Removing glass shelf
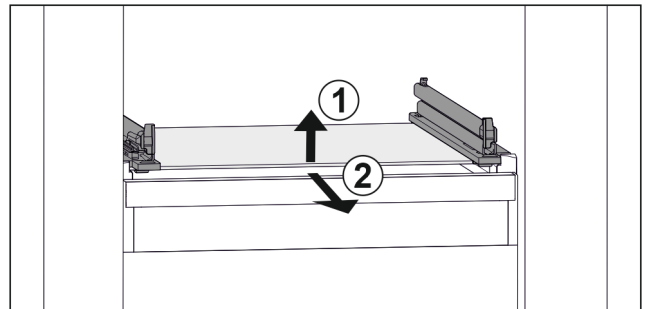
Fig. 151 Example illustration of glass shelf

▶ Lift glass shelf at the front. *Fig. 151 (1)*
▶ Take out glass shelf to the front. *Fig. 151 (2)*

Inserting glass shelf
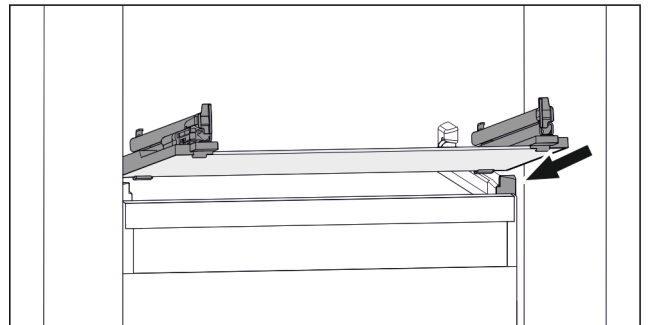
Fig. 152 Example illustration of glass shelf

▶ Position glass shelf at an angle behind the stoppers. (see Fig. 152)
▶ Lower glass shelf.
▶ Slide in glass shelf to the back.

8.11 IceMaker

The IceMaker will produce ice cubes for household use only.

Ensure that the following conditions are met:
- The IceMaker is clean. (see 9 Maintenance)
- IceMaker drawer is cleaned.
- IceMaker drawer is fully inserted.

8.11.1 Producing ice cubes

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

After the IceMaker is turned on for the first time, it can take up to 24 hours for the first ice cubes to be made.
▶ Activate the IceMaker function.
▶ Producing many ice cubes: Activate the MaxIce function.
▶ To make a high number of ice cubes: Move the divider in the IceMaker drawer or remove it completely.
▶ Distribute the ice cubes evenly in the drawer to increase the capacity.
▶ Closing the drawer: IceMaker starts making ice cubes again automatically.

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

8.11.2 Using the drawer with the IceMaker deactivated

If you deactivate the IceMaker, then you can use the entire IceMaker drawer as a freezer drawer.
▶ Deactivate IceMaker. (see Deactivating the IceMaker / MaxIce)
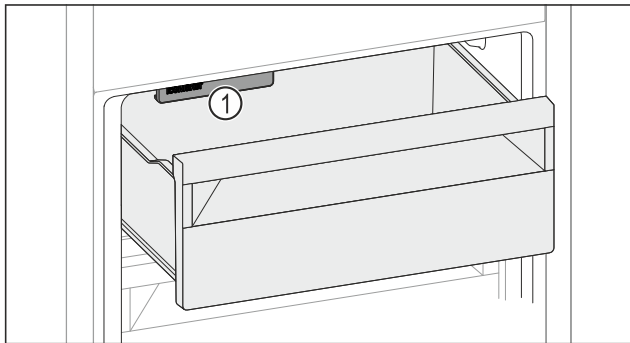
Fig. 153

▶ Place food in drawer.
If you put food in the left side of the drawer:
▶ Watch out for the IceMaker *Fig. 153 (1)*.

8.12 VarioSpace
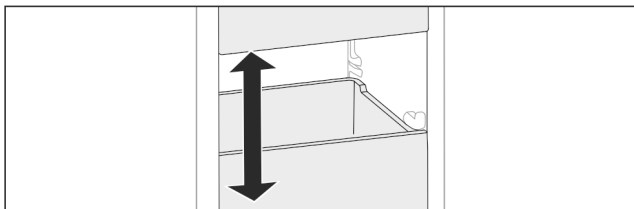
Fig. 154

You can remove drawers and glass panels from your appliance. This provides more room for large food items such as poultry, joints of meat, large game, and tall baked products. You can then freeze these items whole for later preparation.
▶ Note the weight limits on the drawers and glass panels (see 10.1 Technical specifications) .

8.13 Butter dish

8.13.1 Opening/closing the butter dish
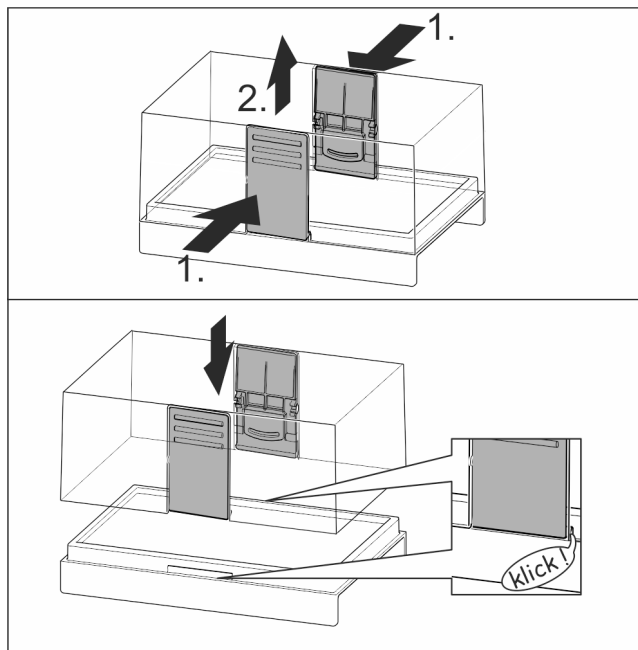
Fig. 155

8.13.2 Dismantling the butter dish

You can take the butter dish apart for cleaning.
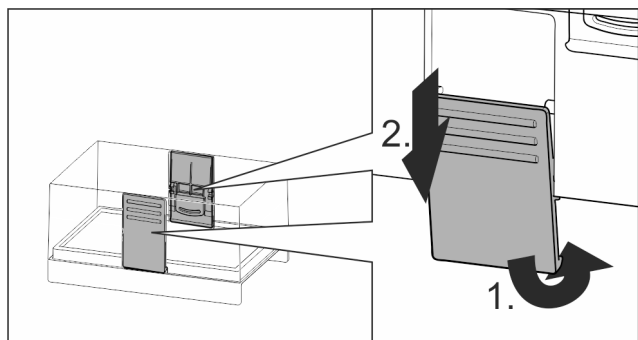
Fig. 156

▶ Disassembling the butter dish.

8.14 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.

8.14.1 Using the egg rack
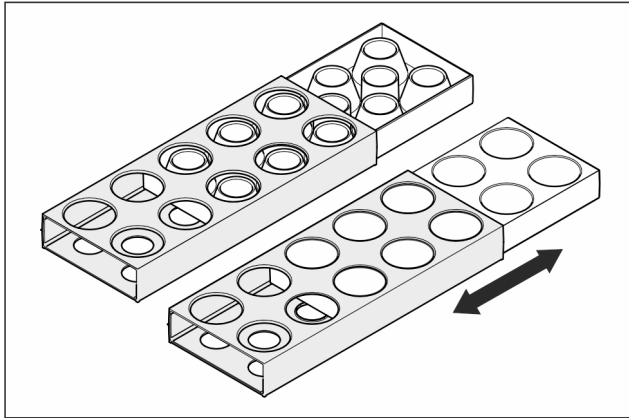
Fig. 157

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

8.15 Bottle holder

8.15.1 Using the bottle holder
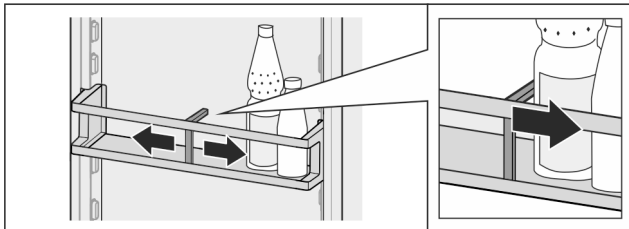
Fig. 158

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

8.15.2 Removing the bottle holder
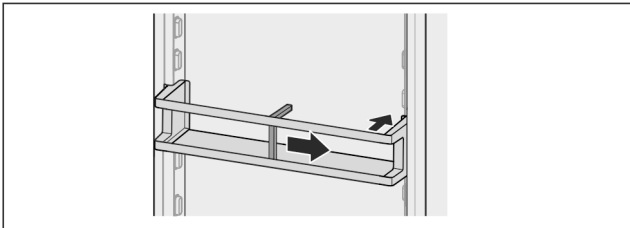
Fig. 159

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

8.16 FlexSystem

8.16.1 Using the FlexSystem

The FlexSystem helps you store and organise your food in a clear and flexible way. It lets you clearly divide your food into fruit, vegetables or by use-by dates, for example.
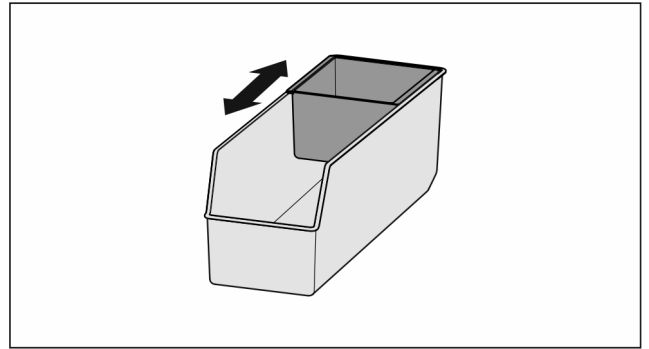
Fig. 160

▶ Move the inner shell.

8.16.2 Removing the FlexSystem
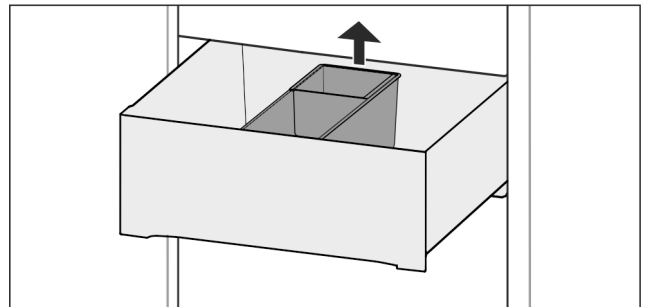
Fig. 161

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

8.16.3 Inserting the FlexSystem
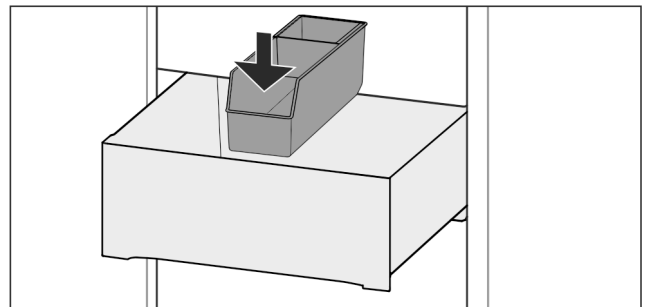
Fig. 162

▶ Insert the FlexSystem front-first.
▶ Lower the rear part.

8.16.4 Disassembling the FlexSystem

You can take the FlexSystem apart for cleaning.
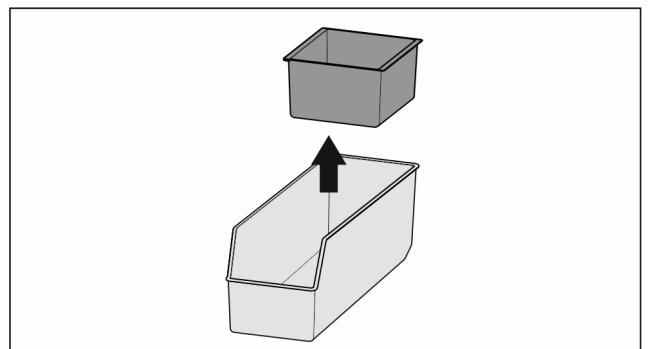
Fig. 163

▶ Disassembling the FlexSystem

8.17 Freezer pack

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

The freezer packs are in the drawer.

You can store the freezer packs in the freezer tray.

8.17.1 Using the freezer pack
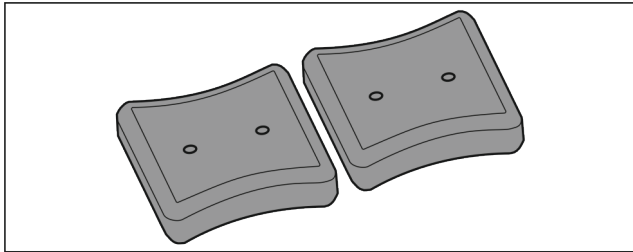
Fig. 164

When the freezer packs are fully frozen:
▶ Place on the frozen goods in the top, front part of the freezer.

8.18 Flexible ice compartment divider

The IceMaker's ice cube drawer has a flexible ice compartment divider. This allows you to store larger quantities of ice cubes or additional food items as needed. You can move or remove the ice compartment divider.

8.18.1 Moving in the flexible ice compartment divider
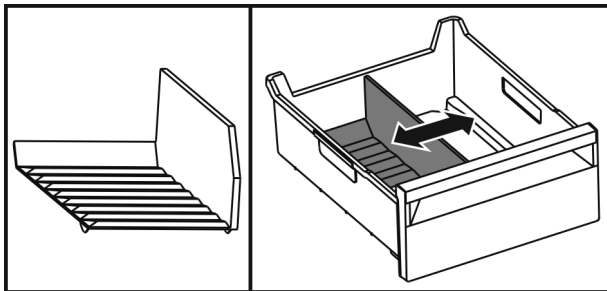
Fig. 165 Example illustration of the ice compartment divider

▶ Move the ice compartment divider to the desired position.

8.18.2 Removing the flexible ice compartment divider

Make sure that the following requirements are fulfilled:
❑ Ice cube drawer is removed. (see 8.6 Drawers)
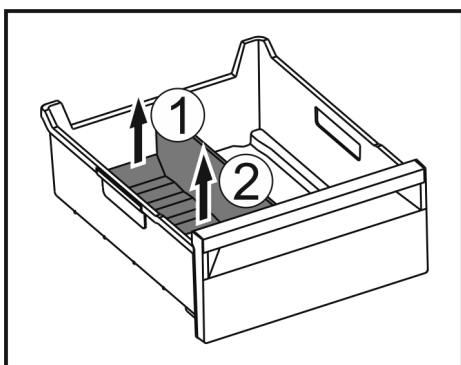
Fig. 166

▶ Lift the rear part of the ice compartment divider. *Fig. 166 (1)*

▶ Remove the ice compartment divider upwards. *Fig. 166 (2)*

8.18.3 Putting in the flexible ice compartment divider

Make sure that the following requirements are fulfilled:
❑ Ice cube drawer is removed. (see 8.6 Drawers)
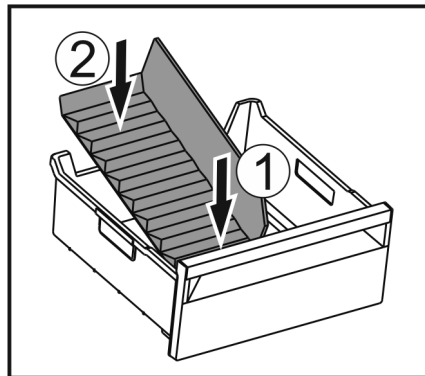
Fig. 167

▶ Insert the front part of the ice compartment divider. *Fig. 167 (1)*

▶ Lower the rear part of the ice compartment divider to the drawer bottom. *Fig. 167 (2)*

9 Maintenance

9.1 FreshAir carbon filter

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

It guarantees the best air quality.

❑ Replace the carbon filter every 6 months.
   When the reminder is set, a message on the display prompts you to change it.
❑ The carbon filter can be disposed of with the regular household waste.

Note

FreshAir activated charcoal filters can be purchased from the Liebherr-Hausgeräte store at home.liebherr.com/shop/de/deu/zubehor.html.

9.1.1 Removing the FreshAir carbon filter
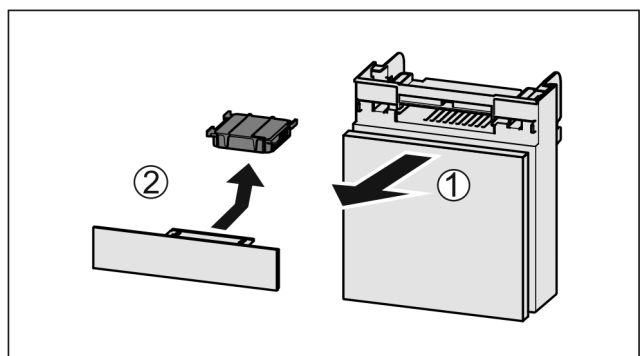
Fig. 168

▶ Pull out the compartment *Fig. 168 (1)*.
▶ Remove the carbon filter *Fig. 168 (2)*.

Maintenance

9.1.2 Inserting the FreshAir carbon filter
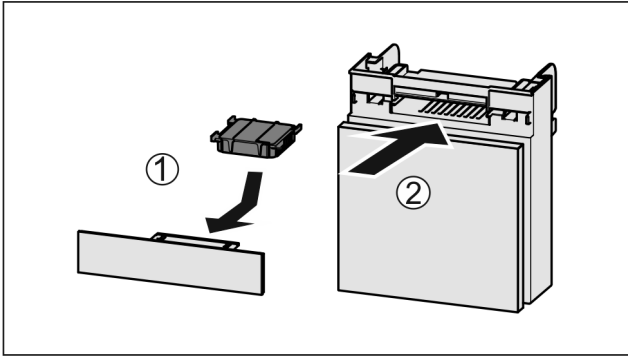
Fig. 169

▶ Insert the carbon filter as shown in the diagram *Fig. 169 (1)*.
▷ The carbon filter clicks into place.
  If the carbon filter is pointing downwards:
▶ Push the compartment in *Fig. 169 (2)*.
▷ The carbon filter is now ready for use.

9.2 Disassembling / assembling pull-out systems

9.2.1 Notes on disassembly

You can disassemble some of the pull-out systems for cleaning. Your appliance can contain a variety of pull-out systems.

The following pull-out systems can be disassembled or cannot be disassembled:

Pull-out system	can be disassembled / cannot be disassembled
Drawer on appliance base or glass shelf	cannot be disassembled
Fully extendible*	cannot be disassembled*
Partial pull-out fridge compartment*	cannot be disassembled*
Partial pull-out freezer compartment	can be disassembled (see Partial pull-out freezer compartment)

9.2.2 Drawer on telescopic rails

Partial pull-out freezer compartment

Disassembling pull-out system

Make sure the following prerequisites are met:
❑ Drawer has been removed.
❑ Glass shelf has been removed. (see 8.10 Glass shelves)
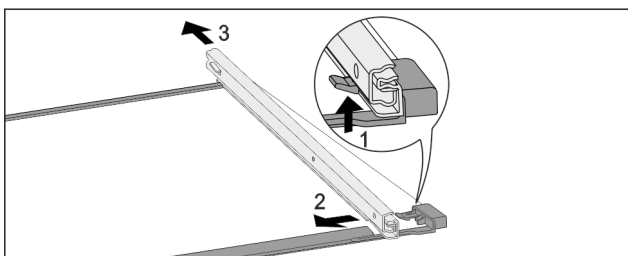
Fig. 170 Glass shelf with rails

▶ Push up front click-in hooks. *Fig. 170 (1)*
▶ Move the pull-out rails to the side *Fig. 170 (2)* and to the rear *Fig. 170 (3)*.

Installing pull-out system
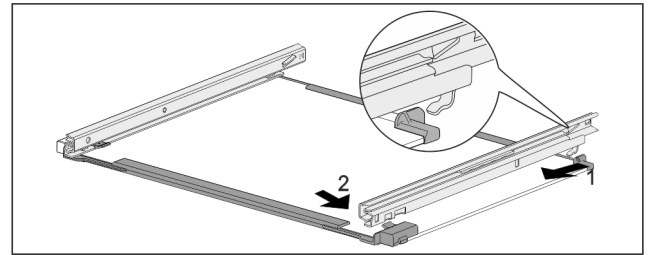
Fig. 171 Glass shelf with rails

▶ Hook in rail at the back. *Fig. 171 (1)*
▶ Hook in rail at the front. *Fig. 171 (2)*

9.3 Defrosting the appliance

9.3.1 Defrosting the fridge compartment

Defrosting is performed automatically. The water from the thawing process drains through the outlet and evaporates.
▶ Clean the drain opening at regular intervals. (see 9.4 Cleaning the appliance)

9.3.2 Defrosting the freezer compartment with NoFrost

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

The appliance does not have to be defrosted.

9.4 Cleaning the appliance

9.4.1 Ready

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

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

▶ Empty the appliance.
▶ Remove mains connector.
-or-
▶ Activate CleaningMode. (see CleaningMode)

9.4.2 Cleaning the interior

NOTICE
Improper cleaning!
Damage to the appliance.
▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
▶ Do not uses abrasive sponges or steel wool which may cause scratches.
▶ Do not use any sharp or abrasive cleaning agents, nor any that contain sand, chloride or acid.

▶ Plastic surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.
▶ Metal surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.
▶ Drain hole: remove deposits using a thin item (for example a cotton bud).

9.4.3 Clean the components

NOTICE
Improper cleaning!
Damage to the appliance.
▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
▶ Do not uses abrasive sponges or steel wool which may cause scratches.
▶ Do not use any sharp or abrasive cleaning agents, nor any that contain sand, chloride or acid.

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

- Fruit & Vegetable safe cover
- Drawer
  Please note: Do not remove the magnet on the drawer. The magnet ensures the functionality of the IceMaker.
- Divider in the IceMaker drawer
- Adjustable bottle shelf
- FlexSystem
- Freezer tray

Clean with a damp cloth:

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

Wash in the dishwasher up to 60 °C:

- Door rack
- VarioBox
- Bottle rack
- Shelf
- Dividing shelf
- Holder of the dividing shelf
- HydroBreeze water tank and water tank lid
- Egg rack
- Butter dish
- Ice cube scoop
▶ To disassemble components: see the relevant section.
▶ Clean the components.

9.4.4 Cleaning the HydroBreeze

Cleaning is required in the following cases:
❑ Initial operation
❑ HydroBreeze is off for more than 48 hours.
❑ Refill the water tank.

Ensure that the following conditions are met:
❑ HydroBreeze is off (see HydroBreeze) .
❑ Water tank has been removed and cleaned in the dishwasher.
▶ Wipe out the recess with a damp cloth.
▶ Insert the water tank.
▶ Activate the HydroBreeze.

9.4.5 Cleaning the IceMaker

There are various options for cleaning the IceMaker.

Cleaning is required in the following cases:
❑ Initial operation
❑ With mains connection:
  If out of use for more than 5 days.

Ensure that the following conditions are met:
❑ IceMaker drawer is emptied.
❑ IceMaker drawer is in place.
❑ The IceMaker is activated.

First use or after a long period of non-use

Clean the IceMaker with the TubeClean function.

▶ Put an empty 1.5 l vessel (max. height 10 cm) in the drawer under the IceMaker.
▶ Activate the TubeClean function.
▷ The rinse process is prepared (max. 60 min.): Symbol flashes.
▷ Water pipes are rinsed: Symbol flashes.
▷ Rinsing process is complete: Function turns off automatically.
▶ Remove the IceMaker drawer and remove the container.
▶ Clean the IceMaker drawer with warm water and a little detergent.
▶ Push the IceMaker drawer in.
▷ The system starts making ice cubes automatically.
▶ Dispose of any ice cubes that were made 24 hours after the first ice cubes.

If cleaning is required

Clean the IceMaker by hand.
▶ Remove the IceMaker drawer and clean with warm water and a little detergent.
▶ Push the IceMaker drawer in.
▷ The system starts making ice cubes automatically.

9.4.6 After cleaning

▶ Wipe the appliance and the components dry.
▶ Connect and switch on the appliance.
▶ Activate SuperFrost (see 7.2 Appliance functions) .
  The temperature is cold enough:
▶ Place the food inside.
▶ Repeat cleaning regularly.

10 Customer help

10.1 Technical specifications

Temperature range	
Cooling	3 °C to 9 °C
BioFresh	0 °C to 3 °C
Fish & SeaFood	-2 °C to 0 °C Possible settings : 0 °C | 0 °C -2 °C | 0 °C -2 °C | -2 °C
Freeze	-26 °C to -15 °C

Maximum freezing quantity/24 h	
Freezer compartment	See "Freezing capacity .../24 h" on the type plate

Maximum component capacity			
Features	Appliance width 550 mm (see installation instructions, appliance dimensions)	Appliance width 600 mm (see installation instructions, appliance dimensions)	Appliance width 700 mm (see installation instructions, appliance dimensions)
Drawer on glass shelf (see 8.6.1 Drawer on appliance base or glass shelf)	12 kg	15 kg	--
Partial pull-out freezer compartment (see 8.6.2 Drawer on telescopic rails)	12 kg	15 kg	--

Maximum 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	With the MaxIce function on: 1.5 kg of ice cubes

Time required to reach various temperatures with Vario-Temp		
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

10.2 Operating noises

The appliance makes different noises when it is on.

- At **higher temperatures** the appliance uses less energy but works for longer. It is **quieter**.
- At **lower temperatures** the food is cooled faster. It is **louder**.

    Examples:
    - Functions on (see 7.2 Appliance functions)

- Fan running
- Food recently added
- High ambient temperature
- Door open for a while

Noise	Possible cause	Type of noise
Bubbling and splashing	Coolant flowing into the cooling circuit.	Normal operating noise
Hissing	Coolant sprays into the cooling circuit.	Normal operating noise
Humming	The appliance is cooling. The volume depends on the cooling output.	Normal operating noise
Suction noises	Soft-closing door is being opened and closed.	Normal operating noise
Humming and rustling	The fan is running.	Normal operating noise
Clicking	Components are switched on and off.	Normal switching noise
Rattling or humming	Valves or flaps are working.	Normal switching noise

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

10.3 Technical fault

Your appliance is designed and built to ensure it works reliably and has a long service life. In the unlikely event that a fault occurs during operation, please check whether it is due to an operating error. If so, you will be charged for the callout and repair costs even if it falls within the warranty period.

You can fix the following faults yourself.

10.3.1 Appliance function

Defect	Cause	Remedy
The appliance is not working.	→ The appliance is not switched on.	▶ Switch the appliance on.

Defect	Cause	Remedy
	→ The power plug is not properly plugged into the socket.	▶ Check the power plug.
	→ There is something wrong with the power outlet fuse.	▶ Check the fuse.
	→ Power cut	▶ Keep the appliance closed. ▶ Protecting food: Lay freezer packs on top of the food or use another freezer if the power is off for a prolonged period. ▶ Do not re-freeze defrosted food,
	→ The appliance plug does not fit the appliance properly.	▶ Check the appliance plug.
Temperature is not cold enough.	→ The appliance door is not closed properly.	▶ Close the appliance door.
	→ Not enough ventilation.	▶ Keep ventilation grille clear, and clean it.
	→ The ambient temperature is too high.	▶ Problem solution: (see 1.4 Appliance range of use)
	→ The appliance was opened too many times or for too long.	▶ Wait to see if the required temperature corrects itself. If not, contact Customer Service. (see 10.4 Customer Service)
	→ Too much fresh food was placed inside without SuperFrost.	▶ Solution: (see SuperFrost)
	→ The temperature is set incorrectly.	▶ Turn down the temperature and check after 24 hours.
	→ The appliance is too close to a heat source (oven, radiator, etc).	▶ Move the appliance or the heat source.
	→ The appliance was not correctly installed in the recess.	▶ Check if the appliance was installed correctly and that the door closes properly.
The door seal is defective or needs to be replaced for another reason.	→ The door seal can be replaced. It can be replaced without the need for special tools.	▶ Contact Customer Service. (see 10.4 Customer Service)
The appliance builds up too much ice or condensation.	→ The door seal may have slipped out of its groove.	▶ Check that the door seal is well fitted in the groove.

10.3.2 Features

Defect	Cause	Remedy
You cannot activate the IceMaker.	→ The appliance and therefore the IceMaker are not connected.	▶ Connect the appliance (see the Installation Guide).
The IceMaker is not producing ice cubes.	→ The IceMaker is not on.	▶ Activate the IceMaker.
	→ The drawer of the IceMakers is not connected properly.	▶ Push the drawer in correctly.
	→ The water connection is not open.	▶ Open the water connection.
HydroBreeze is not keeping refrigerated goods moist.	→ The HydroBreeze is not on.	▶ Activate the HydroBreeze.
	→ There is not enough water in the water tank.	▶ Fill the water tank.
	→ There is dirt in front of the concentrator.	▶ Clean the HydroBreeze.

Defect	Cause	Remedy
	→ The water tank is not clicked into place properly.	▶ Click the water tank into place.
	→ The cover of the Fruit & Vegetable-Safe is in "low air moisture" mode.	▶ Set the Fruit & Vegetable-Safe to the "high air moisture" mode.
The internal light does not come on.	→ The appliance is not switched on.	▶ Switch the appliance on.
	→ The door was open for longer than 15 minutes.	▶ Interior lighting turns off automatically after approx. 15 min. with the door open.
	→ The LED interior light is faulty or the lid is damaged.	▶ Contact Customer Service. (see 10.4 Customer Service)

10.4 Customer Service

First check whether you can rectify the fault yourself (see 10 Customer help) . If you cannot rectify the problem, contact Customer Service.

You can find the address at home.liebherr.com/service.

⚠ **WARNING**

Unprofessional repair!
Injuries.
▶ Have any repairs and action - not expressly specified - on the appliance and mains cable carried out by service personnel only. (see 9 Maintenance)
▶ A damaged mains cable may only be replaced by the manufacturer, the manufacturer's Customer Service or a similarly qualified person.
▶ In the case of appliances with an IEC connector, the change may be made by the customer.

10.4.1 Contacting Customer Service

Make sure that the following appliance information is available:

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

▶ Call up the appliance information via the display. (see Device information)
-or-
▶ Refer to the type plate for appliance information. (see 10.5 Model plate)

▶ Note down the appliance information.
▶ Notify customer service: Report errors and the appliance information.
▷ This will help us to provide you with a faster, more accurate service.
▶ Follow further instructions from Customer Service.

10.5 Model plate

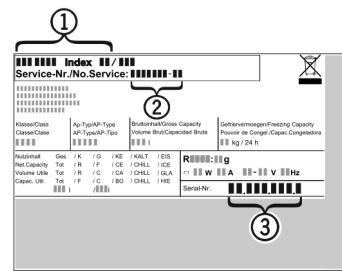The model plate is behind the drawers on the inside of the appliance.

Fig. 172
(1) Appliance description   **(3)** Serial no.
(2) Service no.
▶ Note the data on the model plate.

11 Shutting down

▶ Empty the appliance.
▶ Deactivate IceMaker. (see Deactivating the IceMaker / MaxIce)
▶ Deactivate HydroBreeze. (see Deactivating HydroBreeze)
▶ Switch off appliance. (see Switching the appliance off and on)
▶ Pull the mains plug out of the socket.
▶ Remove the IEC socket if required: Pull the IEC socket out of the appliance plug and move it to the left and right at the same time.
▶ Clean appliance. (see 9.4 Cleaning the appliance)
▶ Leave the door open, so that no unpleasant odours arise.

12 Disposal

12.1 Preparing appliance for disposal

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

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

▶ Take the appliance out of operation.
▶ If possible: remove lamps without destroying them.

12.2 Disposing of the appliance in an environmentally friendly manner

The appliance still contains valuable materials and must be disposed of separately from unsorted municipal waste.

Lamps
Dispose of removed lamps via the respective collection systems.

⚠ **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.

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

home.liebherr.com/fridge-manuals

EN integrated fridge/freezer with BioFresh

7088450-0

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