



User Guide

Quality, Design and Innovation



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



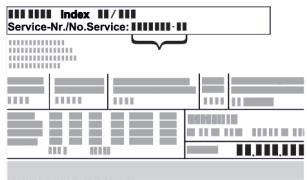
**LIEBHERR**

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The manufacturer is 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
	<b>Read instructions</b> Please read the information in these instructions carefully to understand all of the benefits of your new appliance.
	<b>Additional information on the Internet</b> The digital manual with additional information and in other languages can be found via the QR code on the front of the manual or by entering the service number at <a href="http://home.liebherr.com/fridge-manuals">home.liebherr.com/fridge-manuals</a> . The service number can be found on the serial tag: 
	<b>Check appliance</b> Check all parts for transport damage. If you have any complaints, please contact your agent or customer service.
	<b>Differences</b> These instructions apply to a range of models, so differences are possible. Sections that apply to certain models only are marked with an asterisk (*).
	<b>Instructions and results</b> Instructions are marked with a ►. Results are marked with a ▷.
	<b>Videos</b> Videos about the appliances are available on the YouTube channels of Liebherr-Hausgeräte.

## Open source licences:

The appliance contains software components that use open source licences. Information on the open source licences used can be found here: [home.liebherr.com/open-source-licences](http://home.liebherr.com/open-source-licences)

These operating instructions apply to:

MB..i 90..8

## 1 General safety instructions

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

If you pass the appliance on, please hand these operating instructions to the next user.

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.
- Only customer service or other specially trained staff may repair or perform other operations on the appliance.
- Only assemble, connect and dispose of the appliance according to the instructions.
- The manufacturer is not liable for damage caused by a faulty fixed water connection.

### Fire hazard:

- 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.
- 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.

# Appliance at a glance

## 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.

## 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.

## 2 Appliance at a glance

### 2.1 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:

- Standalone appliance
- Features (depending on the model)

- Installation materials (depending on the model)
- "Quick Start Guide"
- "Installation Guide"
- Service Brochure

## 2.2 Overview of the appliance and equipment

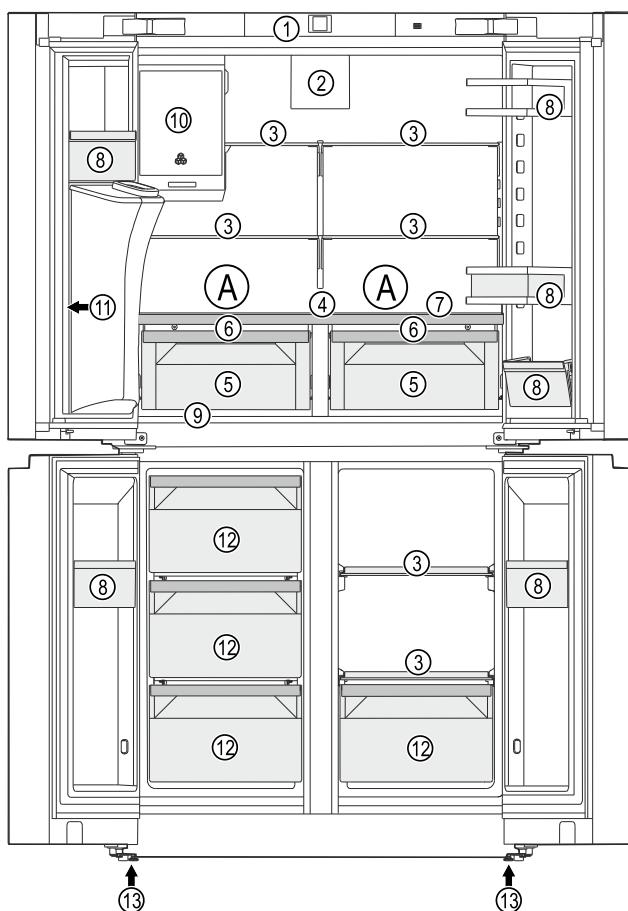


Fig. 1 Example illustration

Temperature range	
(A) Coldest area	Equipment
(1) Controls	(8) Door rack
(2) Fan with FreshAir activated charcoal filter	(9) Type plate
(3) Shelf	(10) Ice storage compartment
(4) Variable bottle rack	(11) Output area of the Water & Ice Center
(5) BioFresh Safe	(12) Freezer drawer
(6) Compartment lid for BioFresh Safe	(13) Adjustable foot
(7) HydroBreeze*	

## 2.3 VarioTempZone

Your appliance is equipped with a VarioTempZone (-18 °C to +5 °C). This allows you to use an area of the freezer section as an additional cooling zone.

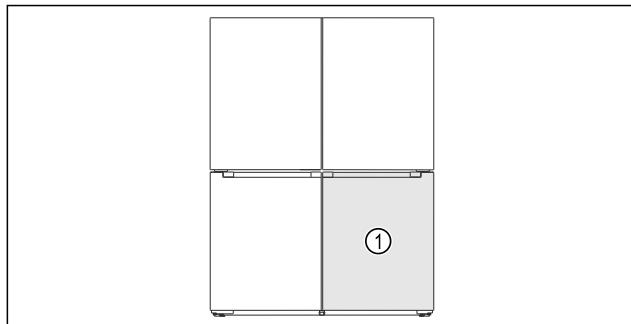


Fig. 2 Example illustration

### (1) VarioTempZone

If you use the VarioTempZone as an additional cooling zone, louder appliance noises may occur. However, the appliance is fully functional.

#### More information:

- Set the temperature in the VarioTempZone. (see Setting the temperature in the VarioTempZone)
- Observe the notes on storing food. (see 5.1 Information regarding storage)

## 2.4 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- Your appliance is capable of being a enabled appliance: SmartDevice. To be able to connect your device to WiFi, you need to download the SmartDevice app.



More information [smartdevice.liebherr.com](http://smartdevice.liebherr.com) about SmartDevice:

Downloading the SmartDevice app:



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

#### Note

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

## 2.5 Appliance range of use

#### Intended use

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

- in staff kitchens, bed and breakfast establishments,

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

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

All other types of use are not permitted.

#### Foreseeable misuse

The following applications are expressly forbidden:

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

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

The appliance is designed for a maximum relative humidity of 80%. If the appliance is operated at a relative humidity of more than 80%, the appliance will work, but condensation will form on the surface of the appliance.

## 2.6 Conformity

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

For the EU market: The appliance complies with directive 2014/53/EU.

For the GB market: The appliance complies with Radio Equipment Regulations 2017 SI 2017 No. 1206.

The full text of the EU Declaration of Conformity is available on the following website: [www.Liebherr.com](http://www.Liebherr.com)

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

## 2.7 SVHC substances according to REACH regulation

You can check whether your appliance contains SVHC substances according to REACH regulation at the following link: [home.liebherr.com/de/deu/de/liebherr-erleben/nachhaltigkeit/umwelt/scip/scip.html](http://home.liebherr.com/de/deu/de/liebherr-erleben/nachhaltigkeit/umwelt/scip/scip.html)

# Functionality of the Touch & Swipe display

## 2.8 EPREL database

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

## 2.9 Spare parts

The spare parts availability for functional parts and stockable parts of the equipment is 15 years.

# 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
	<b>Briefly touch the display:</b> Activates/deactivates function. Confirms selection. Opens submenu.
	<b>Touch the display for a specified time (e.g. 3 seconds):</b> Activates/deactivates function or value.
	<b>Swipe left or right:</b> Navigate in the menu.
	<b>Briefly touch the Back symbol:</b> Jumps back one menu level.
	<b>Press and hold the Back symbol for 3 seconds:</b> Jumps back to the status display.
	<b>Briefly touch the Back symbol at the top left:</b> Jumps back one menu level.
	<b>Arrow with clock:</b> It takes more than 10 seconds for the following message to appear in the display.

Symbol	Description
	<b>Arrow with a time indication:</b> It takes the specified amount of time until the following message appears in the display.
	<b>"Open Settings menu" symbol:</b> 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)
	<b>"Open Advanced menu" symbol:</b> 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	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 <b>151</b> .

### 3.2.1 Opening the Settings menu

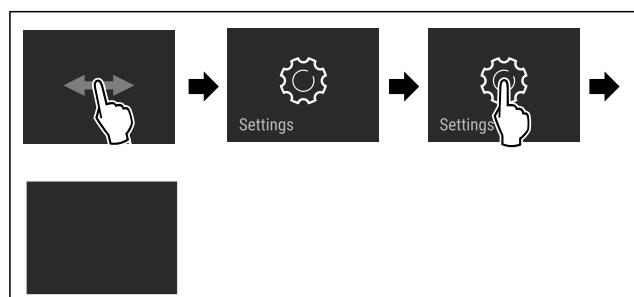


Fig. 3 Example illustration

- ▶ 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

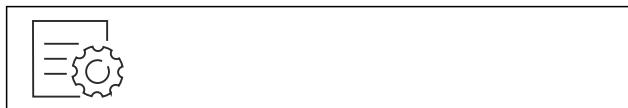


Fig. 4

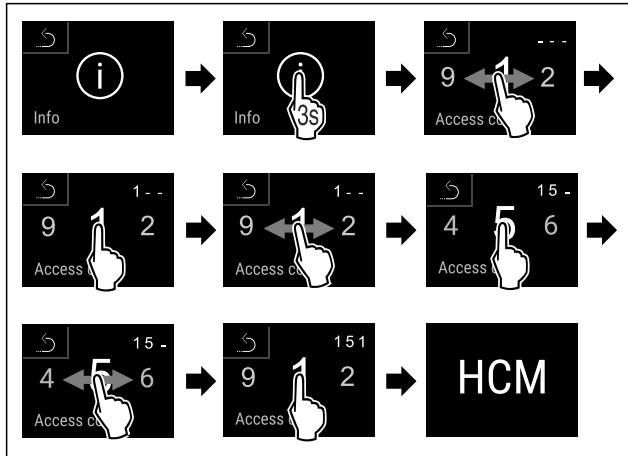


Fig. 5 Example illustration, access with numerical code 151

- ▶ 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 has been installed and connected in accordance with 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.

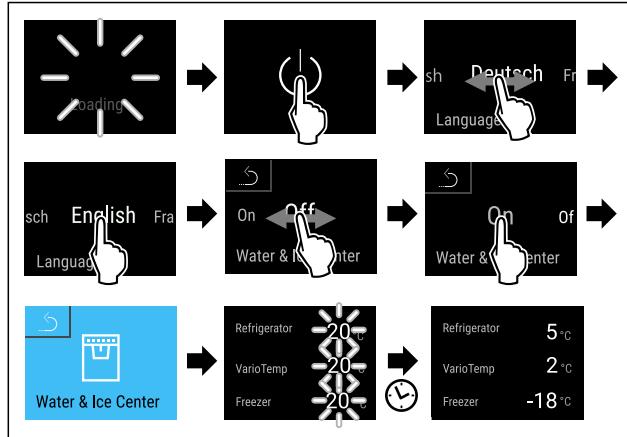


Fig. 6 Example illustration

- ▶ Activate the Water & Ice Center. (see Activating the Water & Ice Center)
- or-
- ▶ Do not activate the Water & Ice Center.

### Note

If you do not activate the Water & Ice Center, you can activate it at any time using the function. (see Activating the Water & Ice Center)

- ▶ 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 HydroBreeze for the first time. (see 4.2 Starting the HydroBreeze for the first time\*) \*
- Start the SmartDevice for the first time. (see 2.4 SmartDevice) and (see WiFi)
- Start up the Water & Ice Center. (see 4.3 Starting the Water & Ice Center up)

### 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)

### Note

Accessories can be purchased from the Liebherr-Hausgeräte store at [home.liebherr.com/shop/de/deu/zubehor.html](http://home.liebherr.com/shop/de/deu/zubehor.html).

## 4.2 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 connected.
- ▶ Clean the HydroBreeze. (see 9.8.5 Cleaning the HydroBreeze\*)
- ▶ Fill the water tank. (see 8.5.1 Fill the water tank)
- ▶ Activate HydroBreeze. (see HydroBreeze\*)

# Storage

## 4.3 Starting the Water & Ice Center up

If your appliance is equipped with a Water & Ice Center, you must bleed the water system and clean the Water & Ice Center **before using it for the first time**.

Ensure that the following requirements are met:

- The water supply has been connected. See Installation Guide or assembly instructions.
- The water tank has been inserted. See Installation Guide or assembly instructions.
- The water filter has been inserted. See Installation Guide or assembly instructions.
- The appliance is connected fully.
- Appliance is switched on.
- The Water & Ice Center is activated. (see Activating the Water & Ice Center)

### 4.3.1 Bleeding the water system

- Touch the water symbol.
- Push a cup or glass against the button and hold it in place.
- Air flows out or water flows into the cup or glass.
- Continue the process until water flows into the cup or glass in an even stream.
- The water system has been bled.

### 4.3.2 Cleaning the Water & Ice Center

(see 9.8.6 Cleaning the Water & Ice Center)

## 5 Storage

### 5.1 Information regarding storage



#### WARNING

Fire hazard from electrical appliances!

If you use electrical appliances in the food area of your appliance, they can cause a fire.

- Do not use 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.

Temperature zone	Food	
VarioTempZone	Store food according to the set temperature. Liebherr recommends storing food in the VarioTempZone:	
	Temperature range	Food
	4 °C to 5 °C	ready prepared food, cheese, tinned food
	0 °C	packaged fruit and vegetables
	-2 °C	fresh fish and seafood
	-18 °C	siehe Gefrierteil

*VarioTempZone overview*

## 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 2.2 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.

In your appliance, you have the option of using the BioFresh Safe as a Fruit & Vegetable Safe or as a Meat & Dairy Safe. (see 8.4 Compartment lid for BioFresh Safe)

#### 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 compartment 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.

#### Arranging your food properly

- Store unpackaged fruit and vegetables.  
If the humidity is too high:  
► Regulate the humidity.

### 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, fish, sausage).

#### Arranging your food properly

- Store dry or packaged food.

## 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. As soon as the appliance automatically deactivates SuperFrost, you can rearrange the food.
Maximum amount of food to freeze	Activate SuperFrost about 24 hours before freezing. As soon as the appliance automatically deactivates SuperFrost, you can rearrange the food.

#### 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	Place packaged food in the top drawer. 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, but only place frozen food in the bottom drawer. 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.

## 5.5 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
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

# Saving energy

Recommended storage periods in the Fruit & Vegetable-Safe		
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
<b>Fruit</b>		
Apricots	at 1 °C	up to 13 days
Apples	at 1 °C	up to 80 days
Pears	at 1 °C	up to 55 days
Blackberries	at 1 °C	up to 3 days
Dates	at 1 °C	up to 180 days
Strawberries	at 1 °C	up to 7 days
Figs	at 1 °C	up to 7 days
Blueberries	at 1 °C	up to 9 days
Raspberries	at 1 °C	up to 3 days
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
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

## 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 place the appliance in direct sunlight or near radiators or similar sources of heat.

- If the appliance is placed 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 2.5 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](http://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

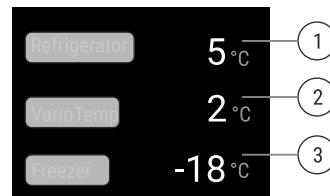


Fig. 7 The status display shows the actual temperature.

- (1) Fridge section temperature display      (3) Freezer section temperature display  
(2) VarioTempZone 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
	<b>Standby</b> The appliance or temperature zone is switched off.
	<b>Flashing number</b> Appliance is working. Temperature flashes until the set temperature is reached.
	<b>Flashing symbol</b> Appliance is working. Setting is made.

Symbol	Appliance status
	<b>"D" on the status display</b> Demo mode is active.
	<b>WLAN symbol on the status display</b> WLAN is active.

## 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. 8

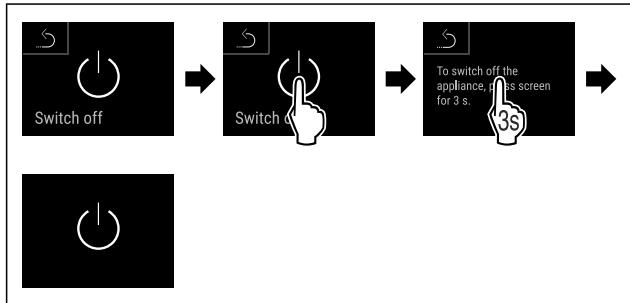


Fig. 9

- 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.

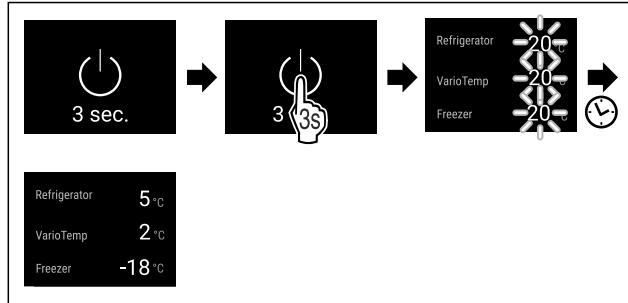


Fig. 10 Example illustration

- 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.

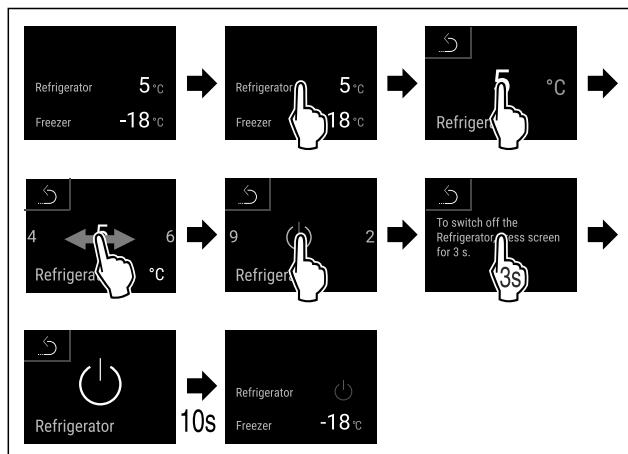


Fig. 11 Example illustration

- Carry out action steps according to the illustration.
- Refrigerator compartment is switched off.

#### Switching the fridge compartment on

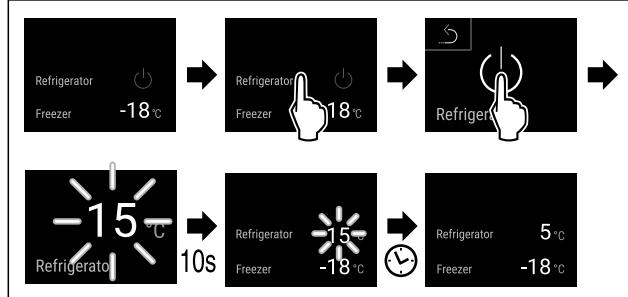


Fig. 12 Example illustration

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

# Controls



## 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.

More information on the SmartDevice: (see 2.4 SmartDevice)

### Note

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

### Establishing the WiFi connection for the first time

Make sure that the following requirements are fulfilled:

- You have installed the SmartDevice app (see [apps.home.liebherr.com](http://apps.home.liebherr.com)).
- Registration in the SmartDevice app is completed.

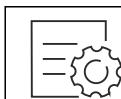


Fig. 13

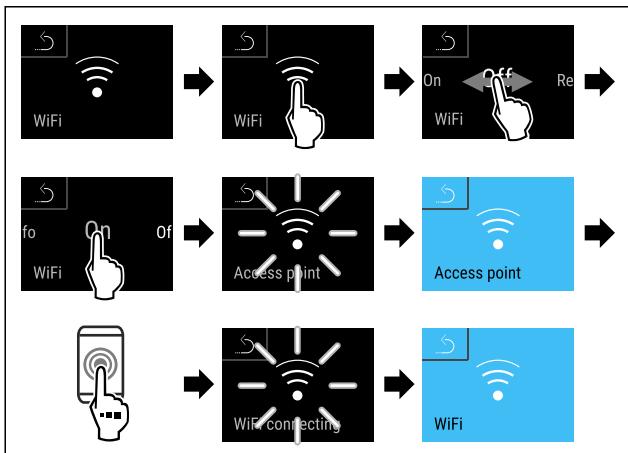


Fig. 14

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

### Disconnecting from the WiFi

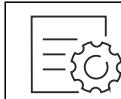


Fig. 15

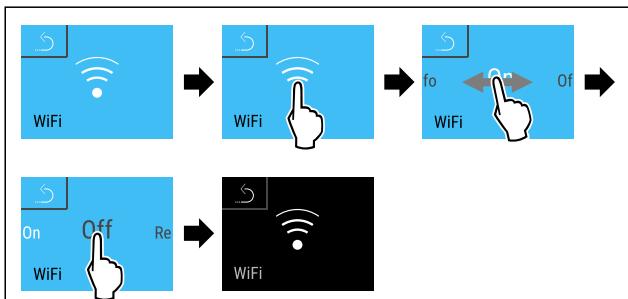


Fig. 16

- Carry out action steps according to the illustration.
- There is no connection.

### Resetting the WiFi connection



Fig. 17

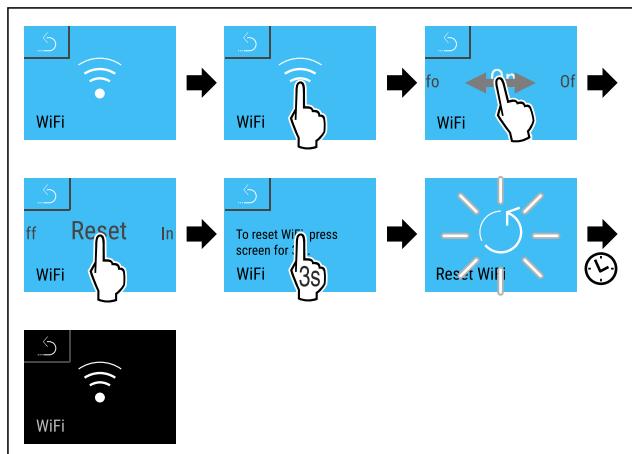


Fig. 18

- 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. 19

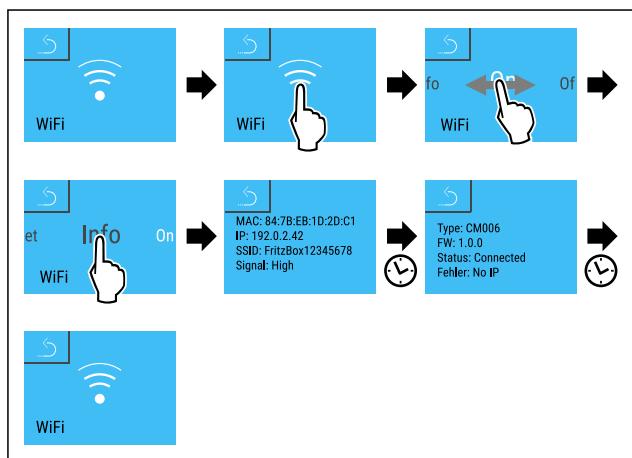


Fig. 20

- 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	4 °C	4 °C
-18 °C Freezer section	-18 °C	-18 °C
0 °C BioFresh	0 °C	B-Value (see BioFresh B-Value)
-18 °C VarioTempZone	-18 °C	Depending on the use of the VarioTempZone (see 2.3 VarioTempZone)

## Setting the temperature in the fridge section

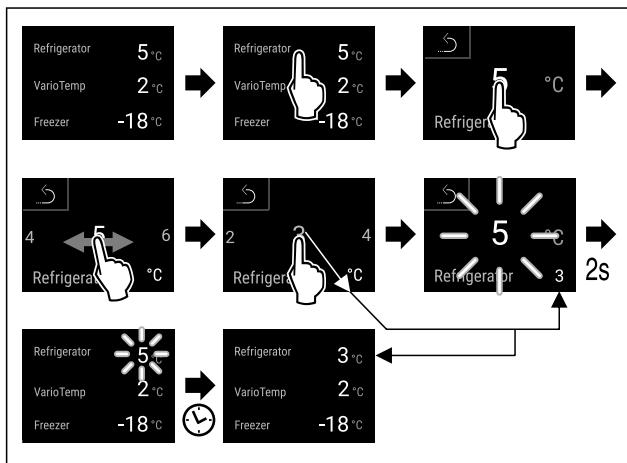


Fig. 21 Example illustration

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

## Setting the temperature in the freezer section

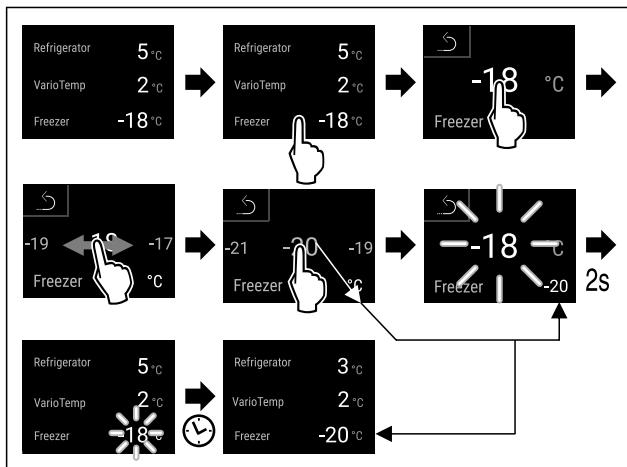


Fig. 22 Example illustration

- 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 VarioTempZone

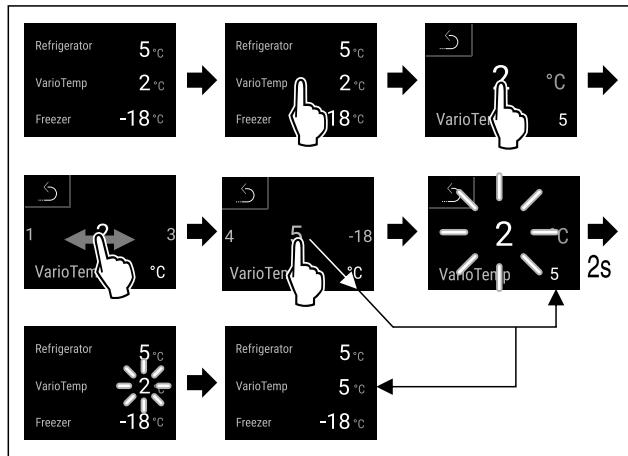


Fig. 23 Example illustration

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

## 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. 24

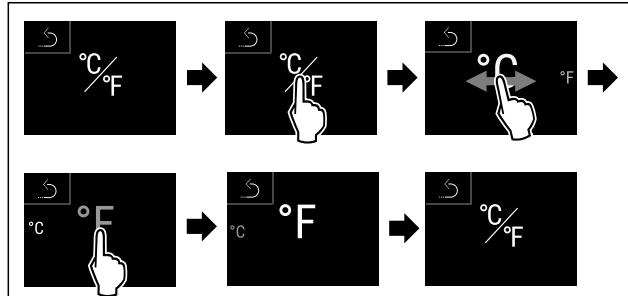


Fig. 26 Example illustration: Switch from degrees Celsius to degrees Fahrenheit.

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

## 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

# Controls

## Setting the BioFresh B-Value

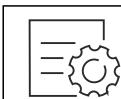
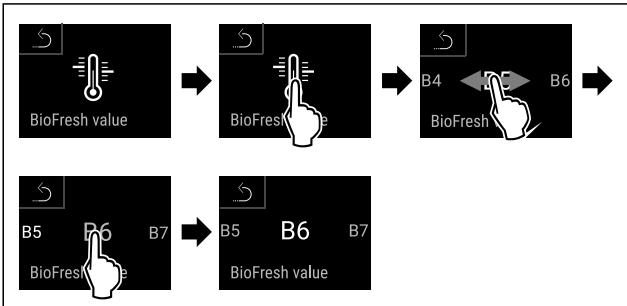


Fig. 27



- Fig. 29 Example illustration: Switch from B5 to B6.
- ▶ Carry out action steps according to the illustration.
  - ▶ The BioFresh B-Value is set.
  - ▶ Status display shows target temperature.



## SuperCool

You can use this function to activate or deactivate SuperCool. 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.

The temperature in the VarioTempZone remains as preset. The active SuperCool function has no effect on the VarioTempZone.

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.

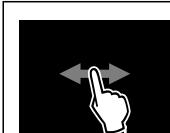
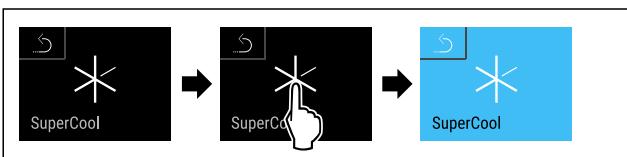


Fig. 30



- Fig. 31
- ▶ Carry out action steps according to the illustration.
  - ▶-or-
    - ▶ Activate with the SmartDevice app.
  - ▶ 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:

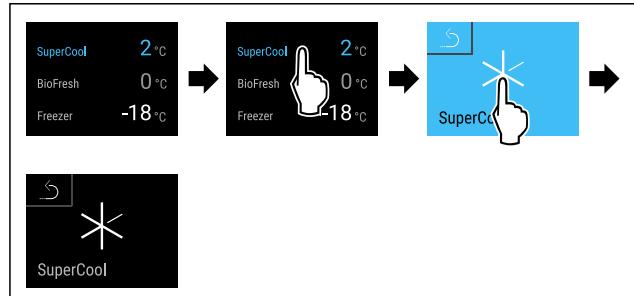


Fig. 32 Example illustration

- ▶ Carry out action steps according to the illustration.
- ▶-or-
  - ▶ Deactivate with the SmartDevice app.
- ▶ SuperCool is deactivated.
- ▶ The appliance continues to run in normal mode.
- ▶ The appliance cools to the temperature set previously.



## 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.

The temperature in the VarioTempZone is influenced by the activation of the SuperFrost function as long as the VarioTempZone is set between -12 °C and -18 °C. If the temperature of the VarioTempZone is within this temperature range, the SuperFrost function is activated for the VarioTempZone. If the temperature is set higher than -12 °C, the VarioTempZone is not affected by SuperFrost.

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 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)

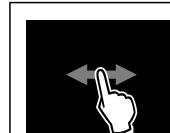


Fig. 33

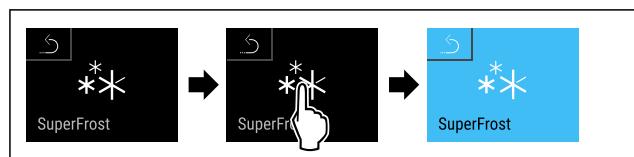


Fig. 34

- ▶ Carry out action steps according to the illustration.
- ▶-or-
  - ▶ Activate with the SmartDevice app.
- ▶ SuperFrost is activated.
- ▶ The temperature display turns blue.



# Controls



## 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.
The Water & Ice Center is deactivated.

### Activating HolidayMode

- Empty the fridge section completely.
- Empty BioFresh completely.
- Empty the ice storage compartment completely.

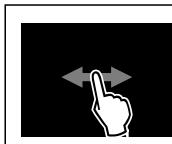


Fig. 42

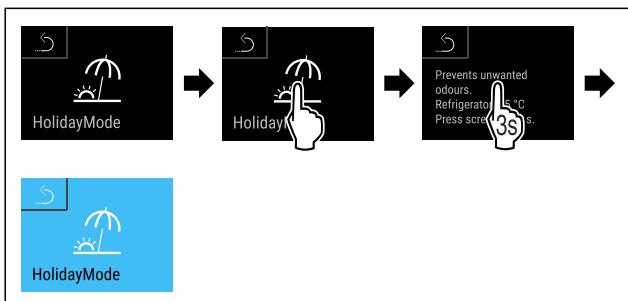


Fig. 43

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

### Deactivating HolidayMode

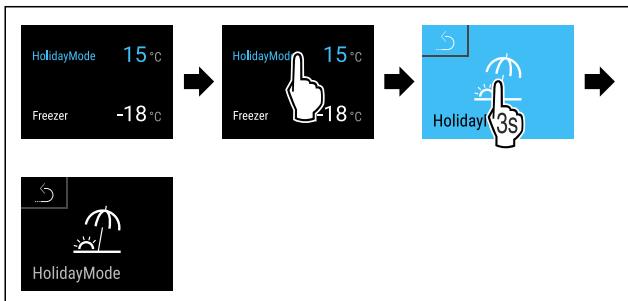


Fig. 44

- 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 <b>Deactivate SabbathMode function</b> .
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 Water & Ice Center 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](http://www.machonhalacha.co.il))

You can find a list of STAR-K-certified appliances at [www.star-k.org/appliances](http://www.star-k.org/appliances).

### 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.

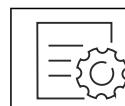


Fig. 45

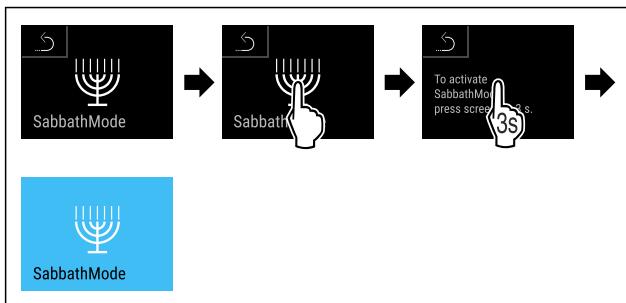


Fig. 46

- ▶ 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:

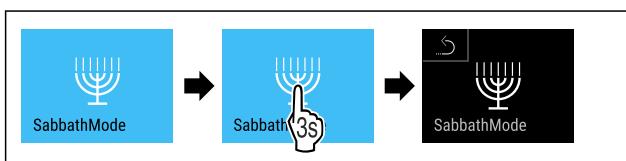


Fig. 47

- ▶ 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.

The temperature in the VarioTempZone remains as preset. The active EnergySaver function has no effect on the VarioTempZone.

Appliance status when EnergySaver is active	
The Water & Ice Center MoodLight is deactivated.	

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. 48

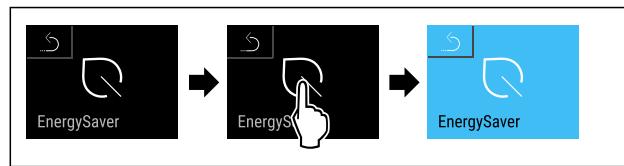


Fig. 49

- ▶ Carry out action steps according to the illustration.
- ▶ Energy saving mode is activated.

### Deactivating EnergySaver

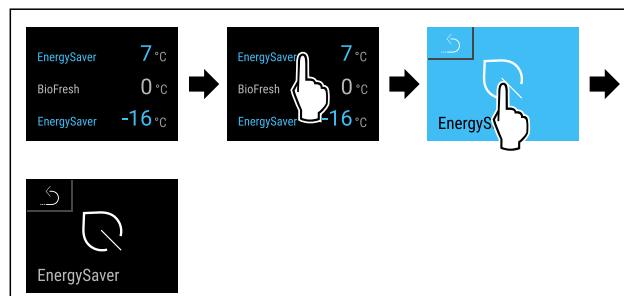


Fig. 50 Example illustration

- ▶ 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
min	HydroBreeze is active for 4 seconds when the door is open.
med	HydroBreeze is active for 6 seconds when the door is open.
max	HydroBreeze is active for 8 seconds when the door is open.
off	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 9.8.5 Cleaning the HydroBreeze\*)
- The water tank is full. (see 8.5.1 Fill the water tank)

Activate HydroBreeze by selecting a value for the HydroBreeze duration:

# Controls

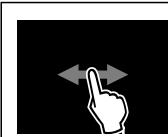


Fig. 51

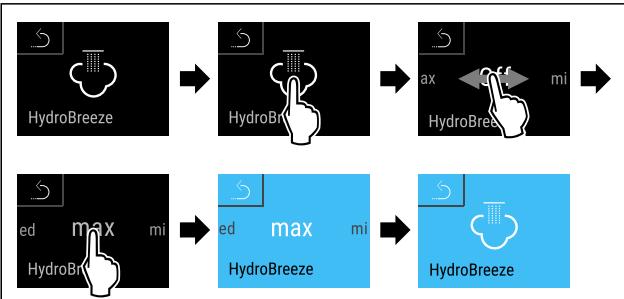


Fig. 52 Example illustration: Activate HydroBreeze with max value.

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

## Deactivating HydroBreeze

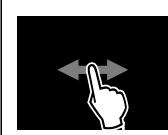


Fig. 53

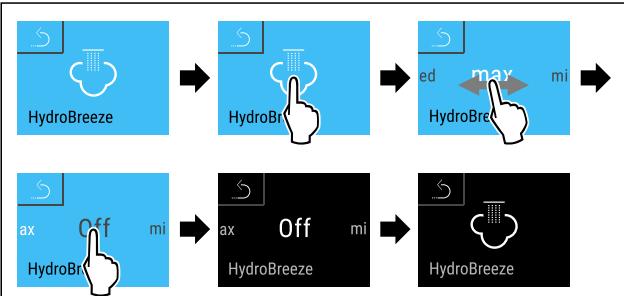


Fig. 54

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



## Water supply

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

The water supply is pre-set to value 4 as delivered. A value from 1 (smallest inflow volume) to 8 (largest inflow volume) can be selected.

### Setting water supply

Make sure that the following requirements are fulfilled:

- Water & Ice Center is put into operation. (see 4.3 Starting the Water & Ice Center up)
- The Water & Ice Center is activated. (see Activating the Water & Ice Center)



Fig. 55

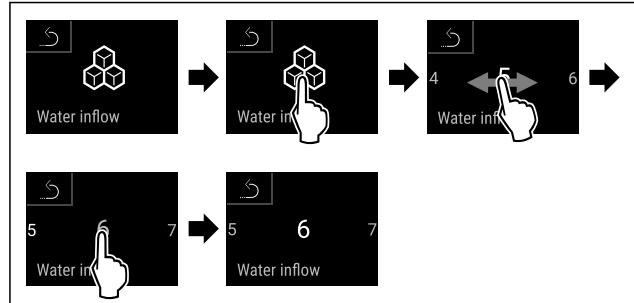


Fig. 56 Example illustration: Switch from value 5 to value 6.

- ▶ Carry out action steps according to the illustration.
- ▶ The water supply is set.



## Water & Ice Center

Use this function to activate or deactivate the Water & Ice Center in the door. When you activate the function, you can use the menu in the door to select ice cubes, crushed ice or cool water.

The following functions are available:

Function	Description
	<b>Child lock</b> The individual functions are locked, dispensing is not possible.
	<b>MoodLight</b> The dispensing area is illuminated. The light can be dimmed using the appliance menu. (see MoodLight brightness)
	<b>Ice cubes</b> Ice cubes dispensing (see 7.3.5 Dispensing ice cubes)
	<b>Crushed ice</b> Crushed ice dispensing (see 7.3.6 Dispensing crushed ice)
	<b>Water</b> Water dispensing (see 7.3.7 Dispensing water)
	<b>Personalised filling</b> Personalised filling dispensing (see 7.3.9 Using personalised filling)

### Water & Ice Center functions

#### Activating the Water & Ice Center

Ensure that the following requirements are met:

- The water supply is connected to the mains water connection. See installation guide or assembly instructions.
- The water system has been bled. (see 4.3.1 Bleeding the water system)

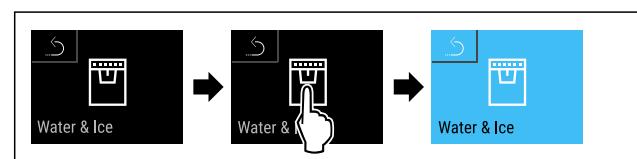


Fig. 57

- ▶ Carry out action steps according to the illustration.
- ▶ The Water & Ice Center is activated.

## Deactivating the Water & Ice Center

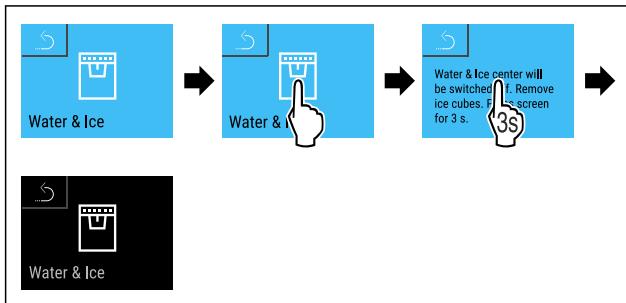


Fig. 58

- ▶ Carry out action steps according to the illustration.
- ▶ The Water & Ice Center is deactivated.
- ▶ The MoodLight function remains active.
- ▶ Use up ice cubes.
- or-
- ▶ Empty the ice storage compartment completely.



## Water & Ice Center / IceMaker

Use this function to activate or deactivate the production of ice cubes for the Water & Ice Center. The function is activated automatically when the Water & Ice Center is activated. If the Water & Ice Center is deactivated, the function is not visible in the menu.

With MaxIce, you can increase the amount of ice cubes.

Further information on the ice cube quantities: (see 10.1 Technical specifications)	
Further information on the water supply:	

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 the IceMaker

Ensure that the following requirements are met:

- The water supply is connected to the mains water connection. See installation guide or assembly instructions.
- Water & Ice Center is put into operation. (see 4.3 Starting the Water & Ice Center up)
- The Water & Ice Center is activated. (see Activating the Water & Ice Center)



Fig. 59

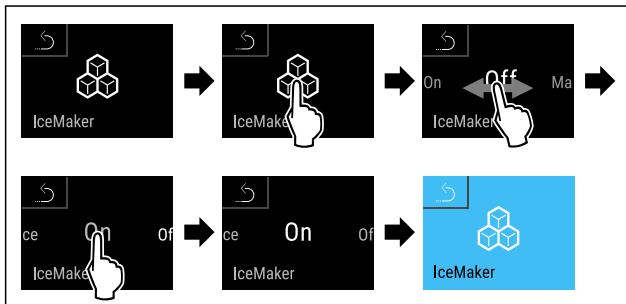


Fig. 60

- ▶ Carry out action steps according to the illustration.

- ▶ IceMaker is activated. It can take up to 24 hours before the Water & Ice Center produces the first ice cubes.

### Deactivating IceMaker

This function allows ice cube production by the Water & Ice Center to be switched off, e. g. in winter.



Fig. 61

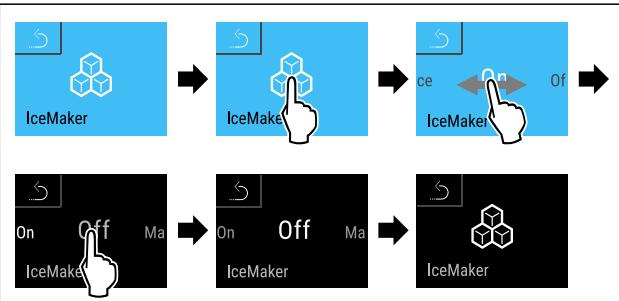


Fig. 62

- ▶ Carry out action steps according to the illustration.
- ▶ IceMaker is deactivated.
- ▶ No new ice cubes will be produced.
- ▶ Use up ice cubes.
- or-
- ▶ Empty the ice storage compartment completely. (see 9.8.6 Cleaning the Water & Ice Center)
- ▶ Ice cubes are empty: The symbol on the Water & Ice Center flashes twice.

### Note

You can still take water from the Water & Ice Center.

### Activating the MaxIce

With MaxIce, you can increase the amount of ice cubes.

Ensure that the following requirements are met:

- The Water & Ice Center is activated. (see Water & Ice Center)
- IceMaker is activated.

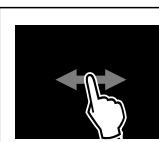


Fig. 63

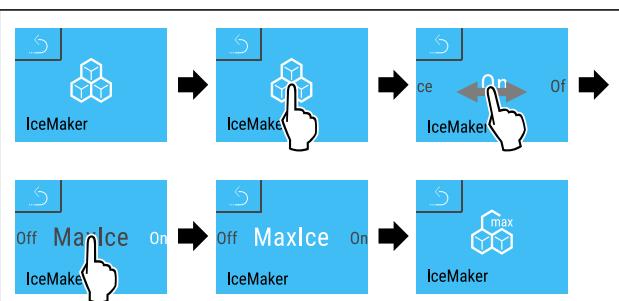


Fig. 64

- ▶ Carry out action steps according to the illustration.
- ▶ MaxIce is activated.

# Controls

## Deactivating MaxIce

MaxIce is deactivated automatically after 48 hours. However, you can also deactivate MaxIce manually at any time:



Fig. 65

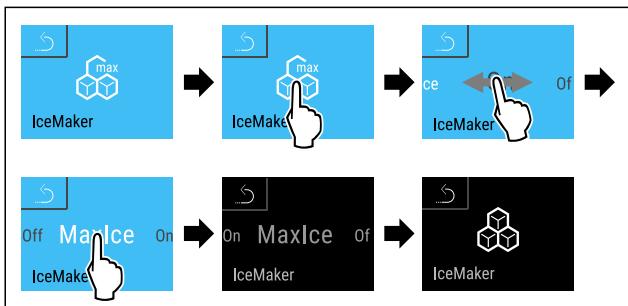


Fig. 66

- ▶ Carry out action steps according to the illustration.
- ▶ MaxIce is deactivated.
- ▶ The current ice cube production is being completed.



## 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 9.8 Cleaning the appliance)
- Clean the Water & Ice Center.

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.
Ice production at the Water & Ice Center is deactivated.
The Water & Ice Center is locked.
The Water & Ice Center MoodLight is activated.

Device status

## Activating CleaningMode



Fig. 67

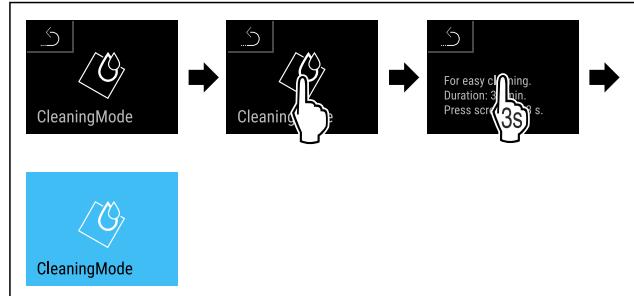


Fig. 68

- ▶ Carry out action steps according to the illustration.
- ▶ CleaningMode is activated.
- ▶ The status display shows CleaningMode permanently.
- ▶ Remove the ice storage compartment.
- ▶ Dispose of ice cubes.
- or-
- ▶ Store ice cubes in the freezer section while CleaningMode is activated.
- ▶ Clean the ice storage compartment (see Cleaning the ice storage compartment) and then push it in.

## Deactivating CleaningMode

CleaningMode is deactivated automatically after 30 minutes. However, you can also deactivate CleaningMode manually at any time:



Fig. 69

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



## MoodLight brightness

Use this function to dim the MoodLight in increments. This function applies to the dispensing area of the Water & Ice Center.

You can select the following brightness levels:

- 20%
- 40%
- 60%
- 80%
- 100% = pre-setting

## Setting the brightness



Fig. 70

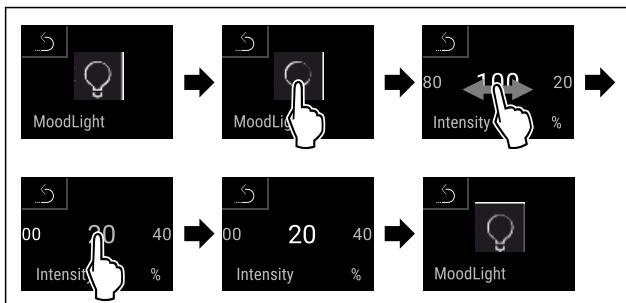


Fig. 71 Example illustration: Switch from 100% to 20%.

- Carry out action steps according to the illustration.
- The brightness is set.



## 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. 72

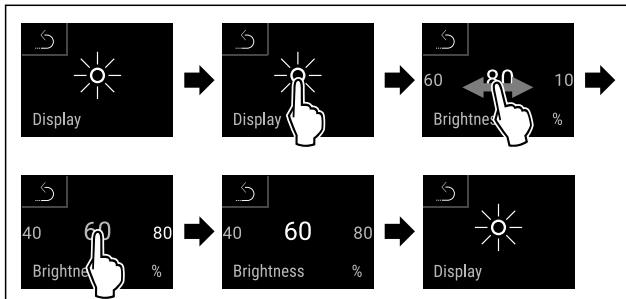


Fig. 73 Example illustration: Switch from 80 % to 60 %.

- Carry out action steps according to the illustration.
- The brightness is set.



## H-Value

You can use this function to switch on the appliance's anti-condensation heating if condensation forms around the fridge section or freezer section. Condensation can form in high humidity and low ambient temperatures.

The H-Value is set to HA on delivery. If you change the H-Value, refer to the following table:

Value	Description
HA	Automatic control depending on humidity and ambient temperature
HO	Anti-condensation heating is switched off.

### Setting the H-Value

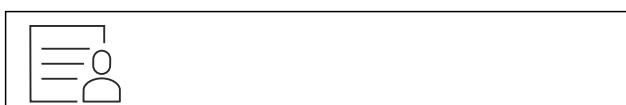


Fig. 74

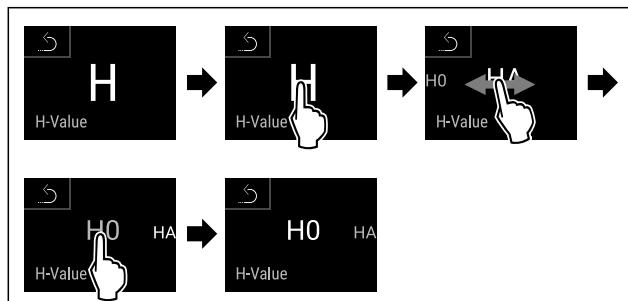


Fig. 75 Example illustration: Switch from HA to HO.

- Carry out action steps according to the illustration.
- The H-Value is set.



## 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

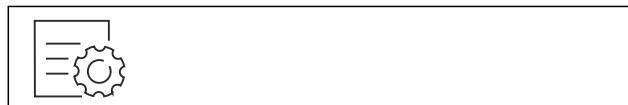


Fig. 76

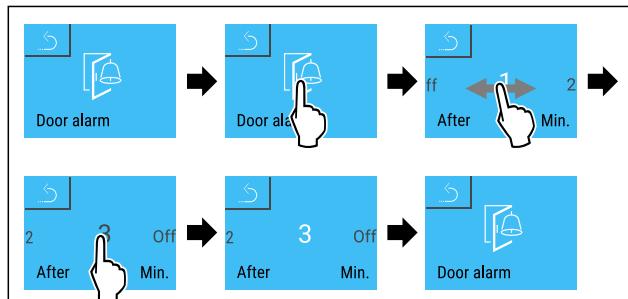


Fig. 77 Example illustration: Change door alarm from 1 minute to 3 minutes.

- Carry out action steps according to the illustration.
- The door alarm is set.

### Deactivating the door alarm

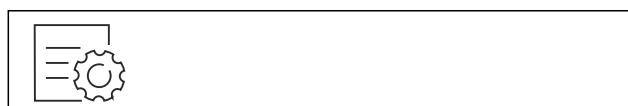


Fig. 78





Fig. 87

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

## Displaying software information



Fig. 88

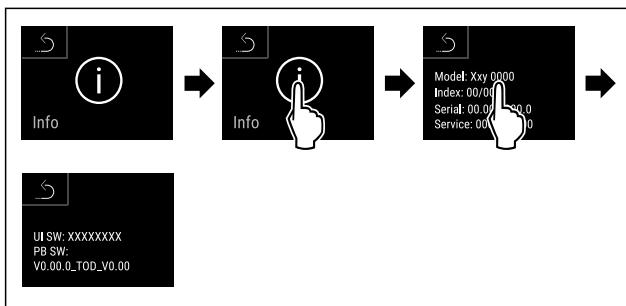


Fig. 89

- ▶ Carry out action steps according to the illustration.
- ▶ Display shows software information.

## 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. 90



Fig. 91

- ▶ Carry out action steps according to the illustration.
- ▶ Reminder is activated.

### Deactivating the reminder

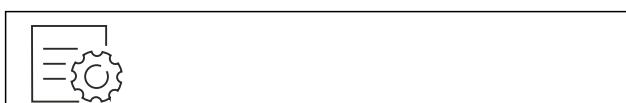


Fig. 92

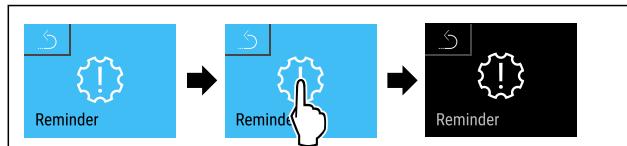


Fig. 93

- ▶ 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 a "D" appears on the status display, 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

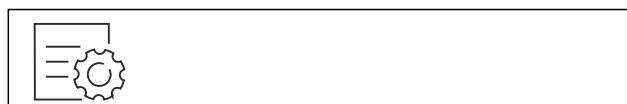


Fig. 94

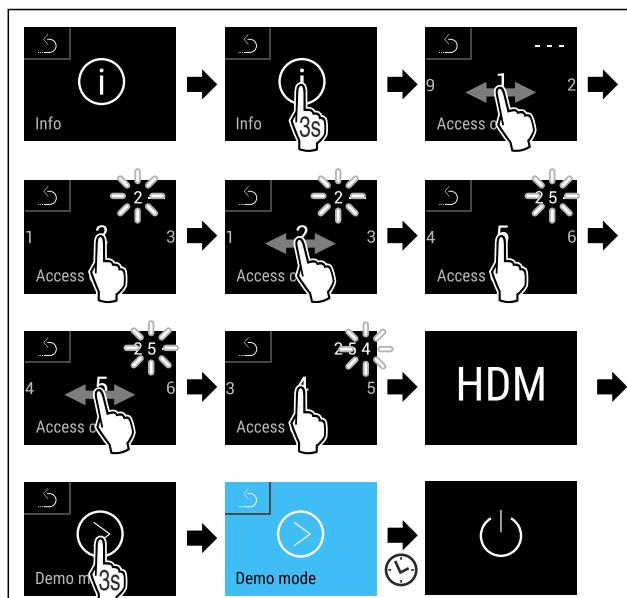


Fig. 95

- ▶ 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))
- ▶ "D" appears in the status display.

### Deactivating demo mode



Fig. 96

# Controls

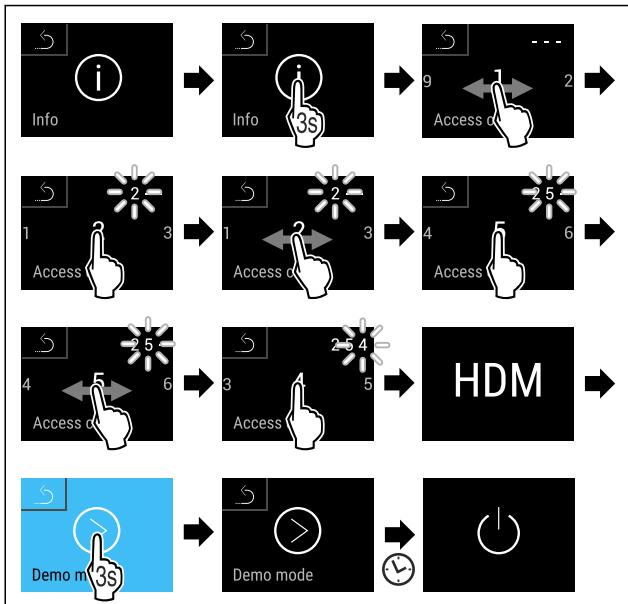


Fig. 97

- ▶ 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. 98

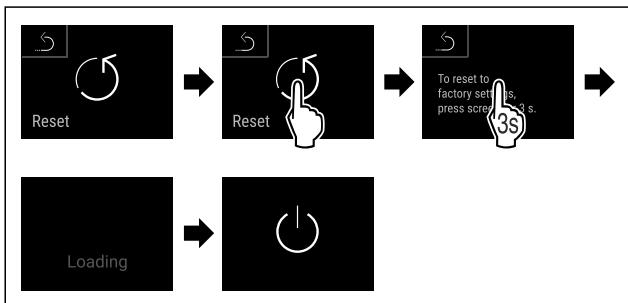


Fig. 99

- ▶ 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 Water & Ice Center functions

The Water & Ice Center that is integrated into the door is suitable for dispensing drinking water, ice cubes and crushed ice. The menu in the door is used for selection.

The drinking water temperature depends on the temperature in the fridge section.



### CAUTION

Health hazard due to contaminated water!  
Infections.

- ▶ Clean the Water & Ice Center if it is not used for more than 5 days. (see 9.8.6 Cleaning the Water & Ice Center)

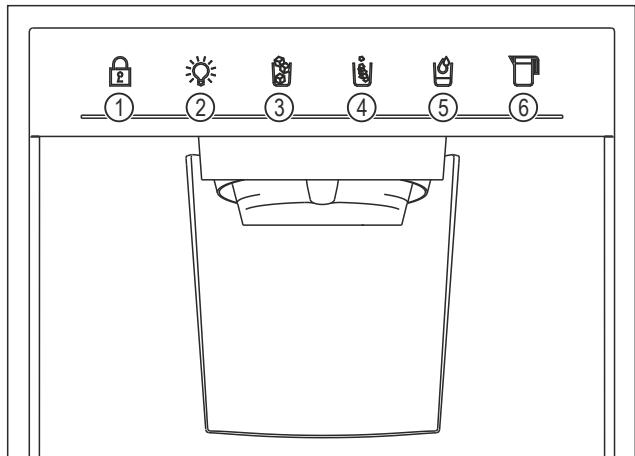


Fig. 100 Overview of Water & Ice Center functions

- |                |                          |
|----------------|--------------------------|
| (1) Child lock | (4) Crushed ice          |
| (2) MoodLight  | (5) Water                |
| (3) Ice cubes  | (6) Personalised filling |

### Note

Water dispensing is saved as the default setting in standby mode. You can use the water function directly by pressing the button. You do not have to select anything in the menu.

This default setting can be changed. (see 7.3.10 Adjusting standby mode)

### 7.3.1 Activating the child lock

Use this function to lock all of the Water & Ice Center dispensing functions. No selection is possible.

- ▶ Press the child lock symbol for about 5 seconds.
- ▶ The light bar illuminates from left to right.
- ▶ The light below the symbol flashes twice.
- ▶ All dispensing functions are locked.

If the child lock is activated:

- ▶ The light below the symbol lights up.
- ▶ The MoodLight remains active.

### 7.3.2 Deactivating the child lock

- ▶ Press the child lock symbol for about 5 seconds.
- ▶ The light bar illuminates from left to right.
- ▶ The light below the last function illuminates.

### 7.3.3 Activating the MoodLight

This function activates the lighting in the dispensing area on the Water & Ice Center. The light can be dimmed using the appliance menu. (see MoodLight brightness)

- ▶ Touch the MoodLight symbol.
- ▶ The dispensing area is illuminated.

### 7.3.4 Deactivating MoodLight

- ▶ Touch the MoodLight symbol.
- ▶ The MoodLight extinguishes.

## 7.3.5 Dispensing ice cubes

Ensure that the following requirements are met:

- The container has a capacity of at least 0.3 l.
- The container must have a diameter of at least 6 cm.

### Note

If you switch from crushed ice to ice cubes, a larger amount of ice may be dispensed at once. In this case, a mixture of crushed ice and ice cubes is normal.

- Touch the ice cube symbol.

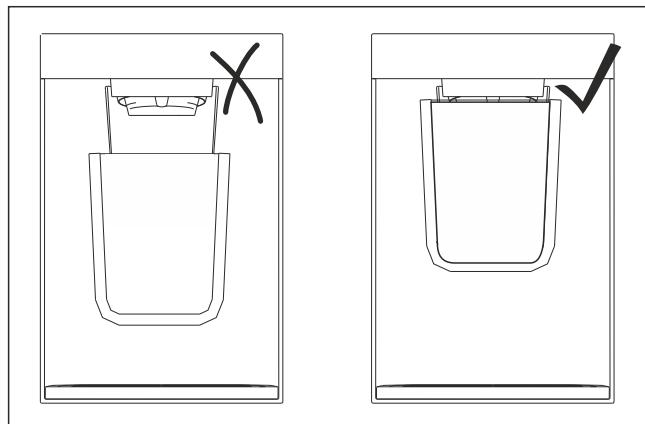


Fig. 101 Example illustration

- Hold the container as close as possible to the dispensing opening.
- Press the container against the button at the top and hold it there.
- Ice cube dispensing starts.  
Once the required amount of ice cubes are in the cup or glass:
- Remove the cup or glass from the button.
- Hold the container in position until the remaining ice cubes are in the container.
- Ice cube dispensing stops.

## 7.3.6 Dispensing crushed ice

Ensure that the following requirements are met:

- The container has a capacity of at least 0.3 l.
- The container must have a diameter of at least 6 cm.
- Touch the crushed ice symbol.
- Hold the container as close as possible to the dispensing opening. (see Fig. 101)
- Press the container against the button at the top and hold it there.
- Crushed ice dispensing starts.  
Once the required amount of crushed ice is in the cup or glass:
- Remove the cup or glass from the button.
- Hold the container in position until the remaining crushed ice is in the container.
- Crushed ice dispensing stops.

## 7.3.7 Dispensing water

This function is saved as the default setting in standby mode. You can dispense water immediately.

- Touch the water symbol.
- Push a cup or glass against the button and hold it in place.
- Water dispensing starts.  
Once the required amount of water is in the cup or glass:
- Remove the cup or glass from the button.
- Water dispensing stops.

## 7.3.8 Setting personalised filling

Use this function to specify the water quantity that is dispensed using the personalised filling function. The setting is saved for all future dispensing processes.

Before the first personalised filling process or after you have reset the appliance to factory settings, you must set the water quantity.

- Touch the personalised filling symbol.
- Position the cup or glass below the dispenser.
- Touch and hold the personalised filling symbol for 3 seconds.
- Water dispensing starts.  
Desired water quantity in the cup or glass:
- Remove your finger from the personalised filling symbol.
- Water dispensing stops.
- The light below the symbol flashes twice.
- The water quantity is saved for future dispensing processes.

## 7.3.9 Using personalised filling

Ensure that the following requirements are met:

- Personalised filling is set and saved.
- Touch the personalised filling symbol.
- Position the cup or glass below the dispenser.
- Touch the personalised filling symbol.
- Water dispensing starts and stops automatically after the saved time.
- While water is being dispensed: The light bar illuminates from right to left.

## 7.3.10 Adjusting standby mode

Water dispensing is saved as the default setting in standby mode. You can use the water function directly by pressing the button. You do not have to select anything in the menu.

The setting can be changed as follows:

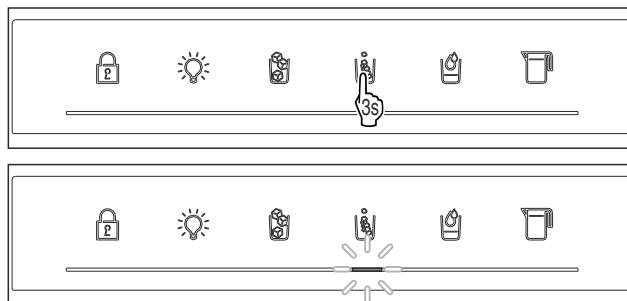


Fig. 102 Example illustration: Changing to crushed ice as the standby dispensing mode

- Press and hold the desired symbol for 3 seconds.
- The light below the symbol flashes twice.
- The selected function is the new default function in standby mode.

### Note

If you deactivate the Water & Ice Center, your setting is deleted. Water dispensing is again the default setting.

## 7.4 Messages

There are two categories of messages:

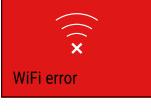
# Controls

Category	Importance
Warning	Warnings appear in the event of malfunctions. 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.

## 7.4.1 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
 Power failure	The message appears if the temperature has risen due to a power failure.	Carry out action steps .
 Temperature alarm	The message appears if the temperature in the appliance does not correspond to the set temperature.	Carry out action steps .
 Error	The message appears if there is an appliance error. A component of the appliance has a fault.	Carry out action steps (see Error) .
 WLAN error	The message appears if the appliance could not be connected to the WLAN. (see Establishing the WiFi connection for the first time) The message only appears during the initial setup.	Carry out action steps (see WLAN error) .
 Connection error	The message appears if the connection to the home network is interrupted. The message only appears during the initial setup.	Carry out action steps .
 Defrosting cycle error	The message appears if the appliance has tried to defrost five times in a row and problems have occurred.	Carry out action steps (see Defrosting cycle error) .

Message	Cause	Exit the message
 Ice container	The message appears if the Water & Ice Center is activated but the ice storage compartment is open. First a reminder appears, if this is ignored, the warning appears after about 5 minutes.	Carry out action steps.

## 7.4.2 Ending warnings

### Power outage alarm

This message is displayed for each temperature zone of your appliance. When the power failure has ended, the appliance will automatically cool down to the previously set target temperature without you having to confirm the message. You must confirm the message for it to disappear from the display.

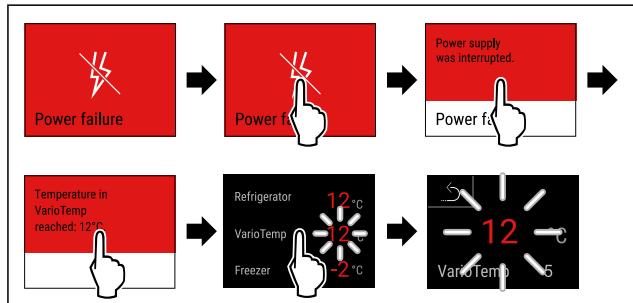


Fig. 103 Example illustration

- 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

This message is displayed for each temperature zone of your appliance. You must confirm the message for it to disappear from the display.

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.

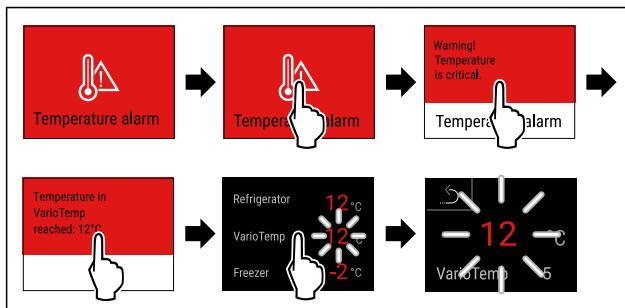


Fig. 104 Example illustration

- ▶ 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.

## Error

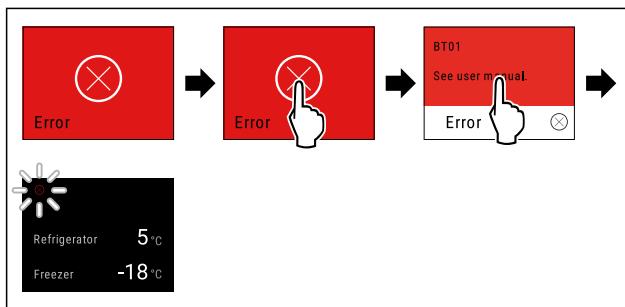


Fig. 105 Example illustration

- ▶ 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)

## WLAN error

- ▶ Check WLAN connection.
- ▶ Reconnect the appliance to the WLAN. (see WiFi)

## Defrosting cycle error

- ▶ Starting automatic defrosting cycle manually: (see Start defrosting cycle)

## Push in the ice storage compartment

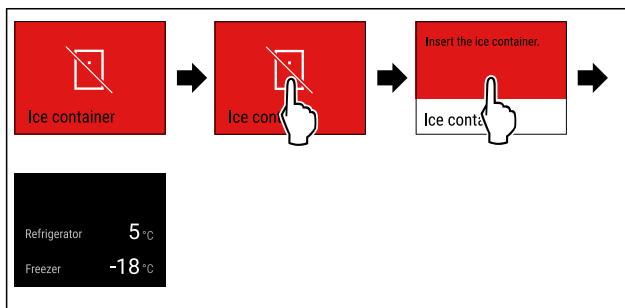


Fig. 106

- ▶ Briefly touch the display.
- ▶ Display shows information about the warning.
- ▶ Briefly touch the display.
- ▶ Press the confirmation symbol.
- ▶ Push in the ice storage compartment.

- ▶ When the ice storage compartment is inserted: Water & Ice Center produces ice cubes.
- ▶ If the ice storage compartment is not inserted: Warning appears at regular intervals until the ice storage compartment is inserted.

## 7.4.3 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.

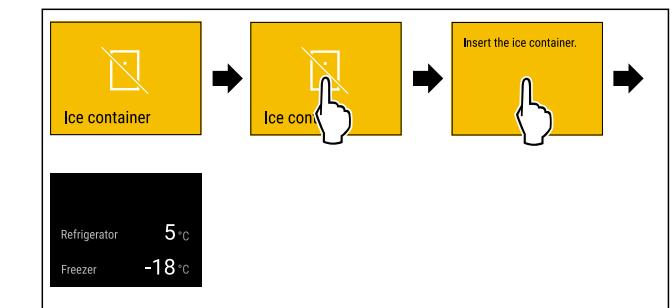
The following reminders can be deactivated (see Deactivating the reminder):

- Replace the FreshAir activated carbon filter

Message	Cause	Exit the message
Ice container	The message appears if the Water & Ice Center is activated but the ice storage compartment is open.	Carry out action steps (see Push in the ice storage compartment).
Water filter	The message appears when the water filter needs to be replaced.	Carry out action steps (see Replace the water filter).
Replace the FreshAir activated carbon filter	The message appears when the FreshAir activated carbon filter needs to be replaced.	Carry out action steps (see Replace the FreshAir activated carbon filter).
Open door	The message appears if the door is open for too long.	Carry out action steps (see Door alarm).
Water & Ice	The message appears if no ice cubes are removed via the Water & Ice Center for 30 days.	Carry out action steps (see Clear and clean the ice storage compartment).

## 7.4.4 Ending reminders

### Push in the ice storage compartment



# Features

Fig. 107

- Briefly touch the display.
- Display shows reminder information.
- Briefly touch the display.
- Press the confirmation symbol.
- Push in the ice storage compartment.
- When the ice storage compartment is inserted: Water & Ice Center produces ice cubes.
- If the ice storage compartment is not inserted: Reminder becomes a warning after about 5 minutes. (see Push in the ice storage compartment)

## Replace the water filter

Liebherr recommends: Replace the water filter every 6 months.

### Note

Water filters are available from the Liebherr-Hausgeräte store at [home.liebherr.com/shop/de/deu/zubehor.html](http://home.liebherr.com/shop/de/deu/zubehor.html).

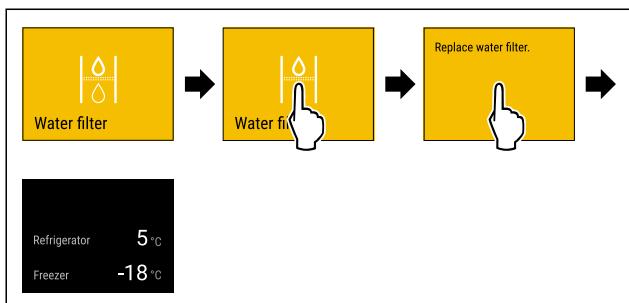


Fig. 108 Example illustration

- Briefly touch the display.
- Display shows reminder information.
- Briefly touch the display.
- Replace the water filter. (see 9.3 Water filter)
- Water filter ensures optimum water quality.
- Reminder appears again after 6 months.

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

## 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](http://home.liebherr.com/shop/de/deu/zubehor.html).

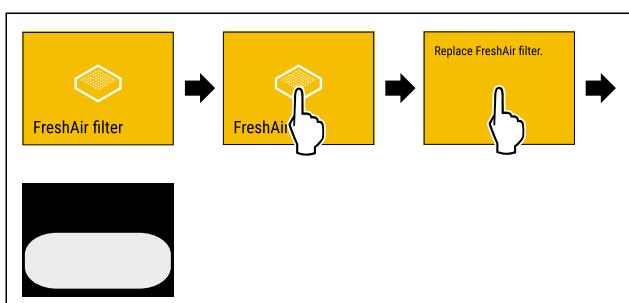


Fig. 109 Example illustration

- 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)

## Door alarm

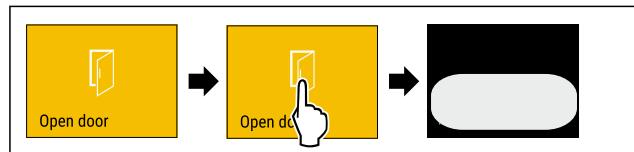


Fig. 110

- 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)

## Clear and clean the ice storage compartment

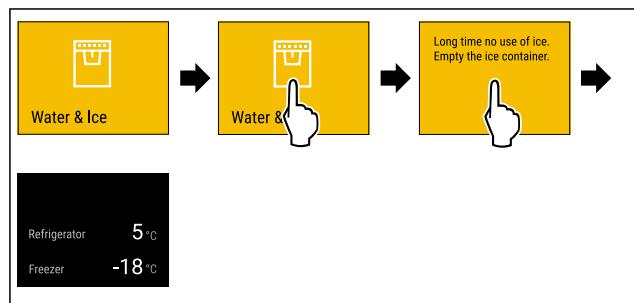


Fig. 111

- Briefly touch the display.
- Display shows reminder information.
- Briefly touch the display.
- Empty and clean the ice storage compartment completely. (see Cleaning the ice storage compartment)

## 8 Features

### 8.1 Door rack

Door racks are suitable for storing drinks and food. You can move door racks for your own individual use and take them apart for cleaning. However, Liebherr recommends using the door racks in the position in the door as delivered from the factory.

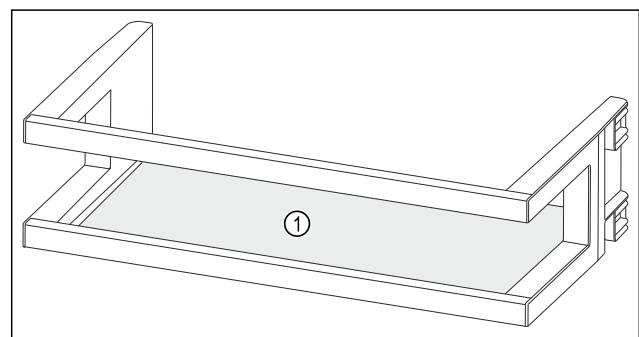


Fig. 112 Example illustration, Door rack  
(1) Shelf

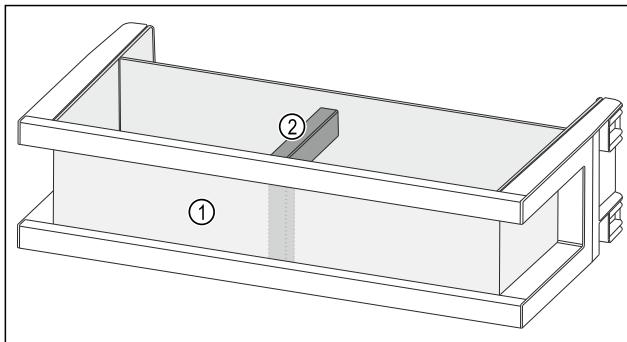


Fig. 113 Example illustration, Door rack with organiser and bottle holder

(1) Organiser

(2) Bottle holder

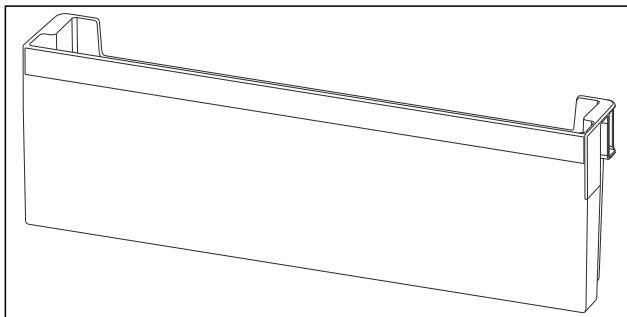


Fig. 114 Example illustration, Door rack

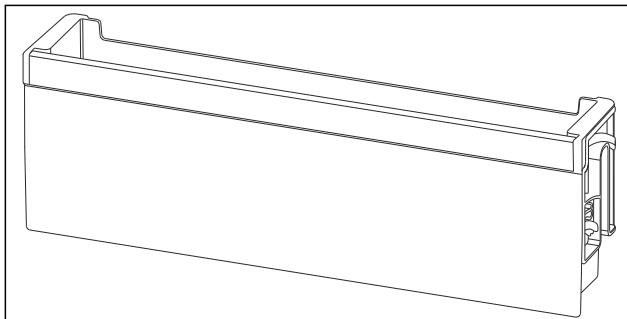


Fig. 115 Example illustration, fold-down door racks

The following table shows examples of what can be stored in each door rack. Do not exceed the maximum loading weight of the door.

Door rack	Food
Door rack (see Fig. 112)	Butter, cheese, tinned food, large containers
Door rack with organiser and bottle holder (see Fig. 113)	Bottles, tubes The sliding bottle holder secures the bottles in the door rack. The divider for small food items can be used in any door rack.
Door rack (see Fig. 114)	small food items and packages, tubes, cosmetics
Fold-down door rack (see Fig. 115)	small food items and packages, tubes, cosmetics

## 8.1.1 Removing the door rack

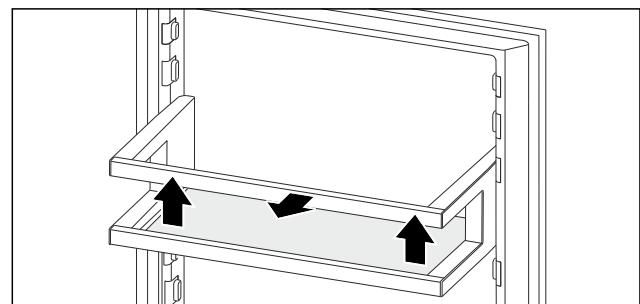


Fig. 116 Example illustration

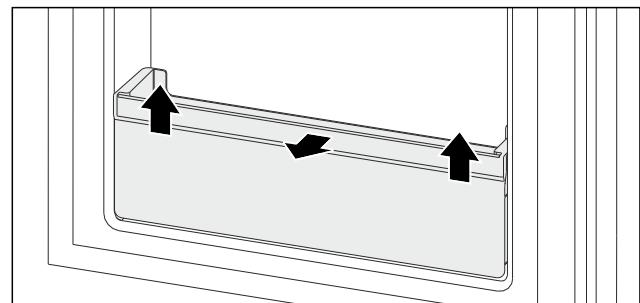


Fig. 117 Example illustration

- Push the door rack upwards.
- Pull the door rack forward.

## 8.1.2 Inserting the door rack

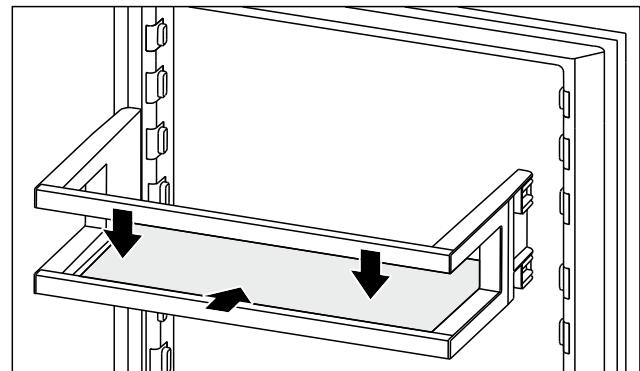


Fig. 118 Example illustration

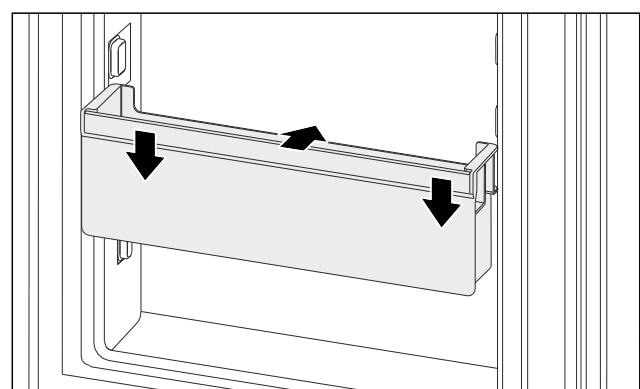


Fig. 119 Example illustration

- Slide in the door rack.
- Press the door rack down.

## 8.1.3 Dismantling the door rack

It is possible to dismantle some of the door racks if you want to clean them or install or remove spare parts.

# Features

## Dismantling the door rack

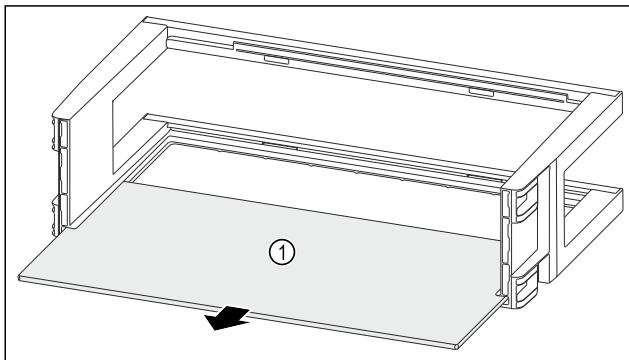


Fig. 120

- Remove the shelf Fig. 120 (1).

## Dismantling the door rack with organiser and bottle holder

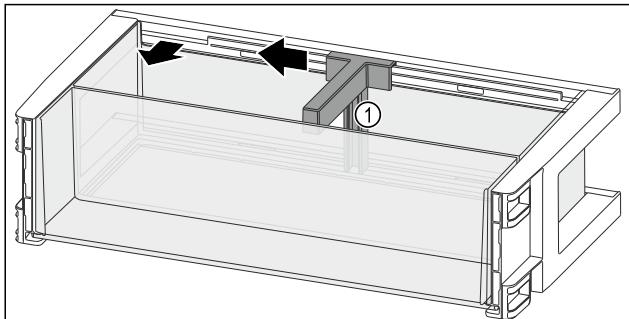


Fig. 121

- Slide the bottle holder Fig. 121 (1) to the side as far as the recess.
- Remove the bottle holder Fig. 121 (1).

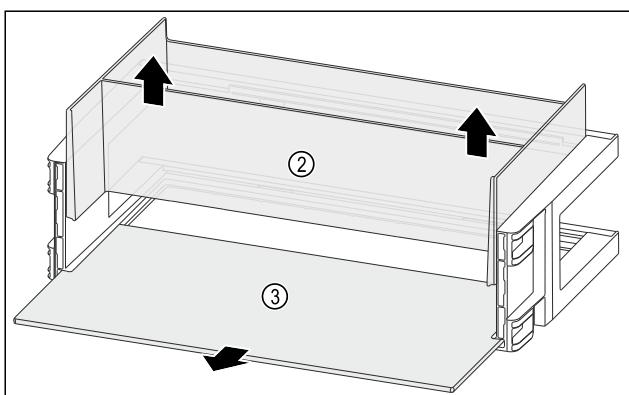


Fig. 122

- Remove the organiser Fig. 122 (2) upwards.
- Remove the shelf Fig. 122 (3).

## Dismantling the fold-down door rack

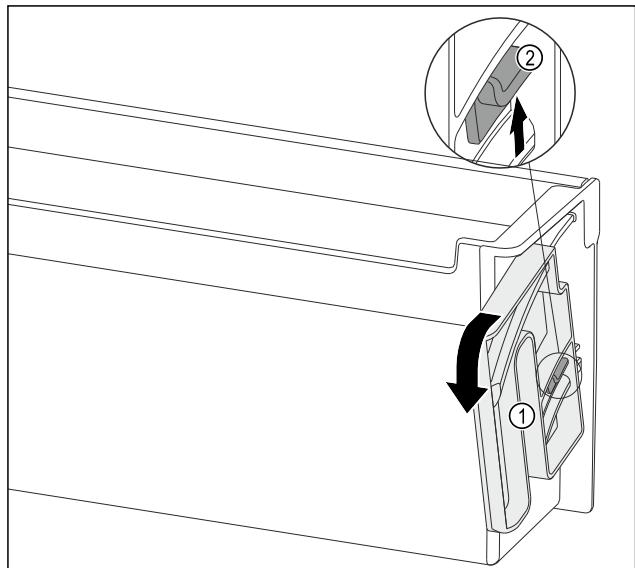


Fig. 123

- Turn the turning unit Fig. 123 (1) in the specified direction to the end stop.
- Press the tab Fig. 123 (2) up and remove the turning unit Fig. 123 (1).

## 8.1.4 Assembling the door rack

### Assembling the door rack

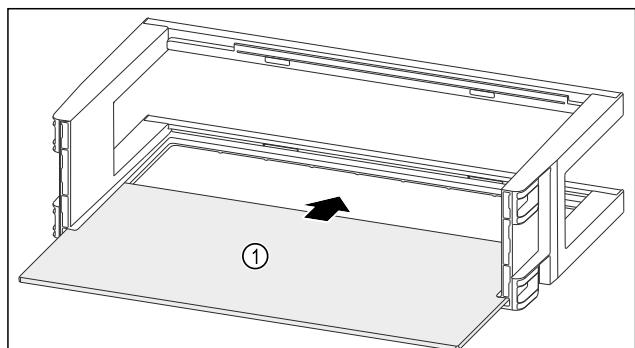


Fig. 124

- Push the shelf Fig. 124 (1) into the side recesses.

### Assembling the door rack with organiser and bottle holder

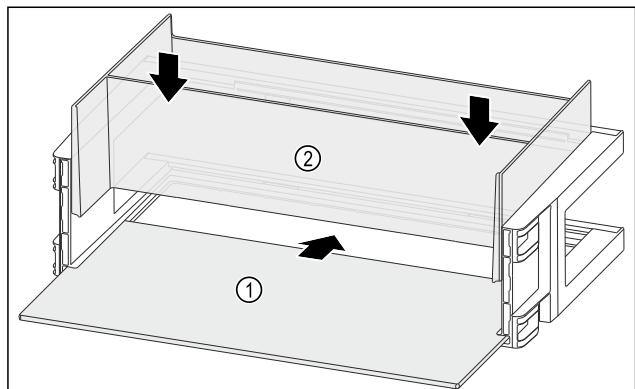


Fig. 125

- Push the shelf Fig. 125 (1) into the side recesses.
- Insert the organiser Fig. 125 (2).

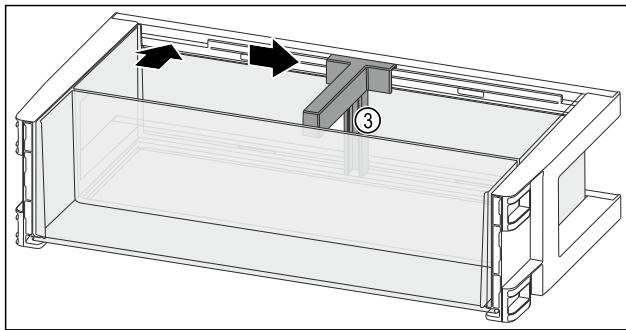


Fig. 126

- ▶ Insert the bottle holder Fig. 126 (3) in the recess.
- ▶ Push the bottle holder Fig. 126 (3) to the desired position to the side.

#### Assembling the fold-down door rack

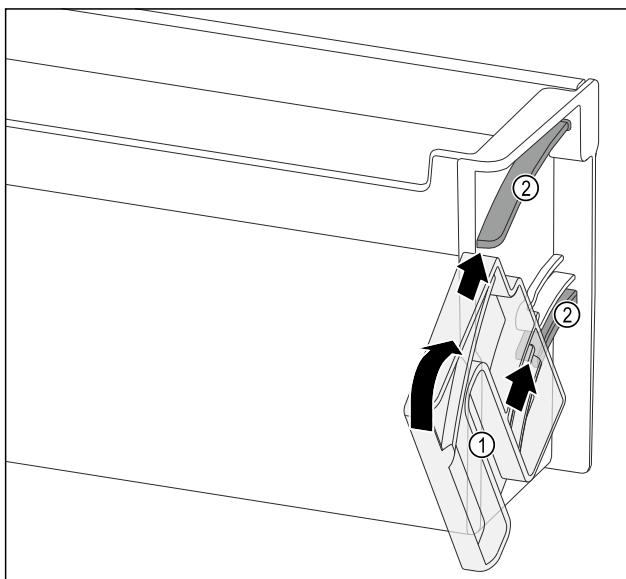


Fig. 127

- ▶ Position the turning unit Fig. 127 (1) so that the recesses are exactly opposite the guide channels Fig. 127 (2) of the door rack.
- ▶ Turn the turning unit Fig. 127 (1) towards the specified direction.

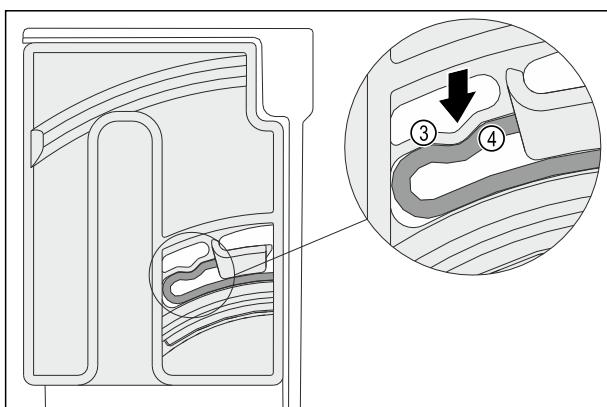


Fig. 128

- ▶ The elastic element Fig. 128 (3) of the turning unit audibly engages in the round shape of the rib Fig. 128 (4).

## 8.2 Adjustable bottle shelf

Either one glass shelf, both glass shelves or the variable bottle rack can be used in the bottom section of the refrigerator. Both glass shelves are inserted at delivery.

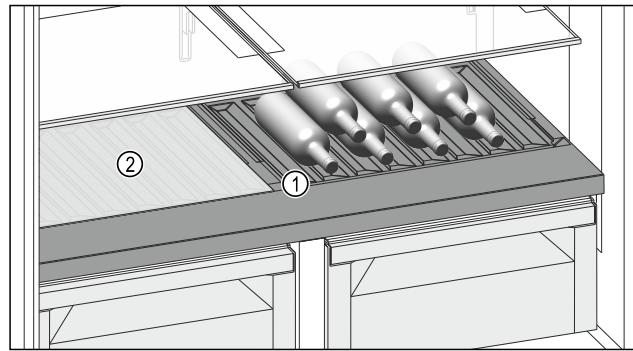


Fig. 129 Example illustration

(1) Variable bottle rack      (2) Glass shelf

### 8.2.1 Using the variable bottle rack

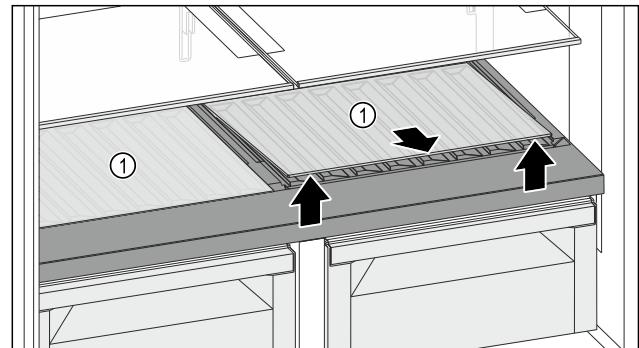


Fig. 130

- ▶ Lift one or both glass shelves Fig. 130 (1) at the front and remove.
- ▶ Store the glass shelf(shelves) Fig. 130 (1) in a secure place outside the appliance.

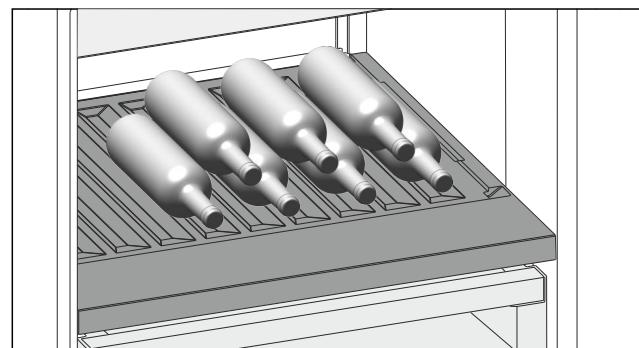


Fig. 131

- ▶ Place bottles in the back row with their bases against the back wall. (see Fig. 131)

#### Note

When the bottles protrude over the variable bottle rack at the front:

- ▶ Set the lower door rack one position higher.

### 8.2.2 Using the glass shelves

Ensure that the following requirements are met:

- Bottles have been removed.
- Variable bottle rack has been cleaned.  
(see 9.5 Removing / inserting the variable bottle rack)  
(see 9.8.4 Clean the components)

# Features

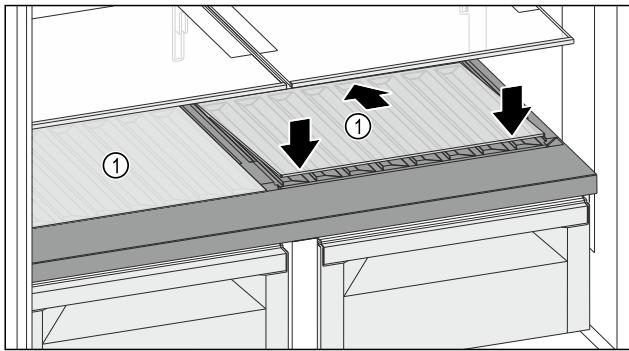


Fig. 132

- ▶ Place the glass shelf Fig. 132 (1) at an angle, sloping it downwards and backwards.
- ▶ Lower the glass shelf Fig. 132 (1) at the front.
- ▶ Insert the second glass shelf in the same way.

## 8.3 Drawers

You can remove the drawers for cleaning.

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!

### 8.3.1 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

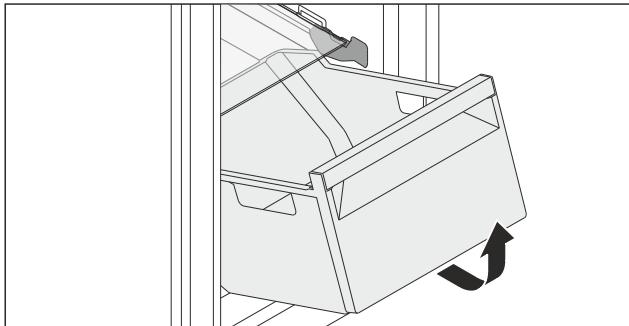


Fig. 133

- ▶ Remove drawer as shown in the illustration.

#### Inserting drawer

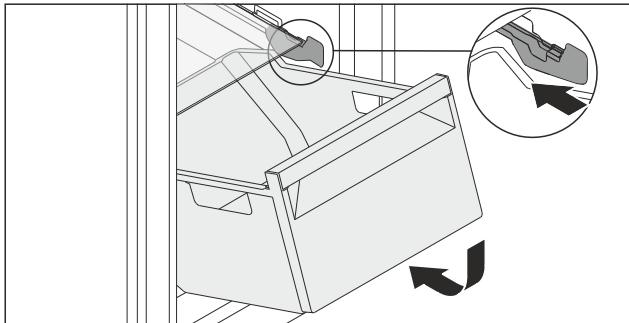


Fig. 134

- ▶ Insert drawer as shown in the illustration.

### 8.3.2 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.

#### Full extension

You can recognise the full extension by a clamp located at the front left and right of the rail.

#### Removing the drawer

Ensure that the following requirements are met:

- ▶ Fridge section: Door is open more than 90°.

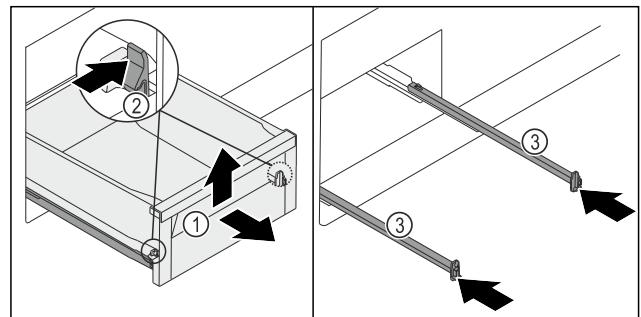


Fig. 135

- ▶ Pull the drawer Fig. 135 (1) out as far as it will go.
- ▶ Press the left and right clamp Fig. 135 (2) inwards at the same time.
- ▶ Drawer Fig. 135 (1) detaches from the rails.
- ▶ Lift up the drawer Fig. 135 (1) forwards.
- ▶ Remove the drawer Fig. 135 (1) forwards.
- ▶ Push in the rails Fig. 135 (3).

#### Inserting the drawer

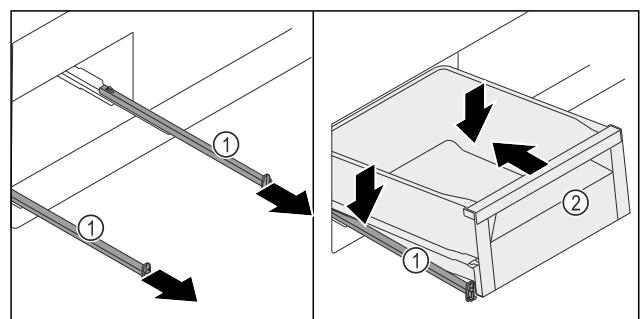


Fig. 136

- ▶ Pull out the rails Fig. 136 (1).
- ▶ Hold the rails Fig. 136 (1) firmly and place the drawer Fig. 136 (2) diagonally on the rails Fig. 136 (1) from above.
- ▶ Slide the drawer Fig. 136 (2) backwards on the rails Fig. 136 (1) as far as it will go.

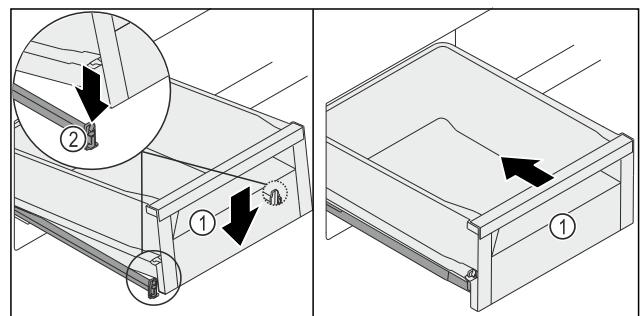


Fig. 137

- ▶ Lower the drawer Fig. 137 (1) at the front so that the drawer slides into the clamp Fig. 137 (2) on the left and right.
- ▶ The drawer Fig. 137 (1) locks in audibly.
- ▶ Push in the drawer Fig. 137 (1).

## Partial pull-out freezer compartment\*

### Removing drawer

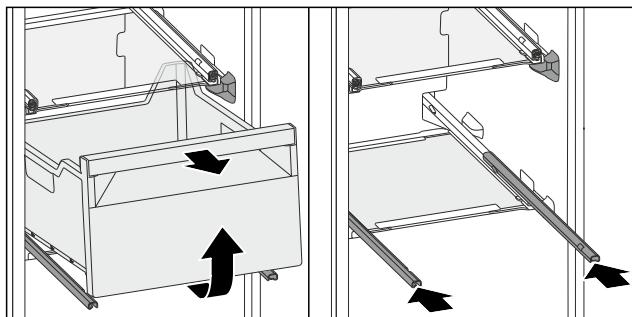


Fig. 138

If the drawer is in the top freezer:

- ▶ Pull out drawer as far as it will go.
- ▶ Raise the drawer forwards.
- ▶ Remove the drawer forwards.
- ▶ Slide rails in.

-or-

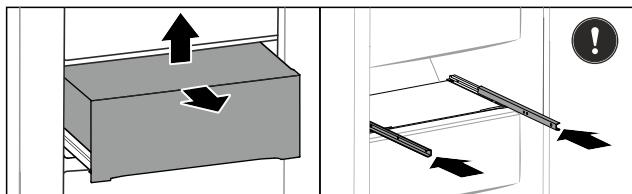


Fig. 139

If the drawer is in the middle part of the freezer compartment:

- ▶ Pull out drawer half-way.
- ▶ Lift the drawer from the bottom rear.
- ▶ Remove the drawer forwards.
- ▶ Slide rails in.

### Inserting drawer

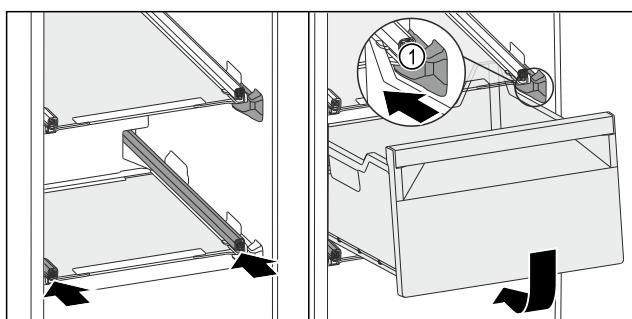


Fig. 140

- ▶ Slide rails in.
- ▶ Guide drawer around the stoppers Fig. 140 (1).
- ▶ Place drawer on rails.
- ▶ Slide in drawer to the back.

## 8.4 Compartment lid for BioFresh Safe

The compartment lid ensures constant levels of humidity. The compartment lid is directly on the drawer and can be covered by shelves or additional drawers.

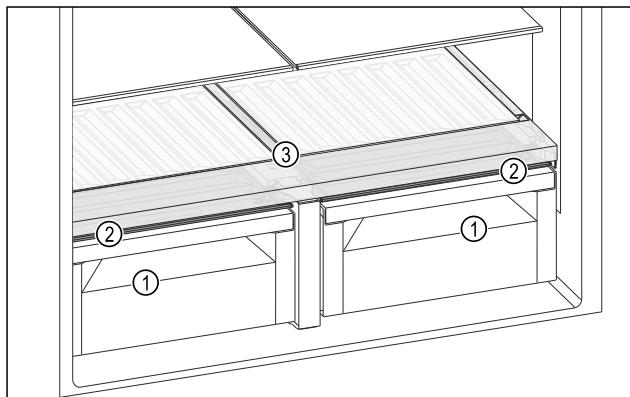


Fig. 141 Example illustration, compartment lid for BioFresh Safe

- (1) BioFresh Safe  
 (2) Compartment lid for BioFresh Safe  
 (3) Variable bottle rack

### 8.4.1 Reducing the air humidity in the drawer

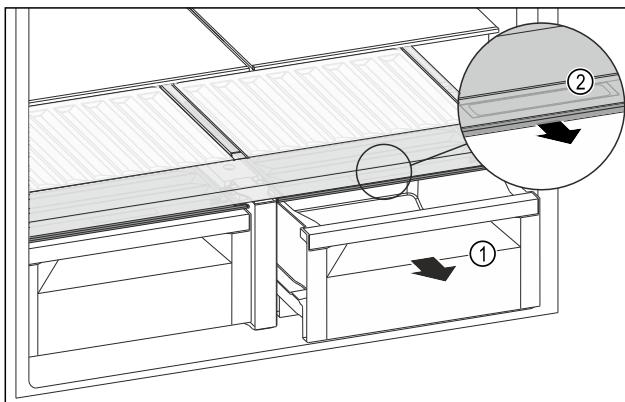


Fig. 142

- ▶ Pull out the drawer Fig. 142 (1).
- ▶ Grasp the recessed grip Fig. 142 (2) on the compartment lid and pull the compartment lid forwards at the same time.
- ▶ Carry out the same action steps for the second compartment lid.
- ▶ When the drawer is closed, there is a small gap between the compartment lid and the drawer.
- ▶ Using HydroBreeze is not possible. (see 8.5 HydroBreeze\*) \*

### 8.4.2 Increasing the air humidity in the drawer

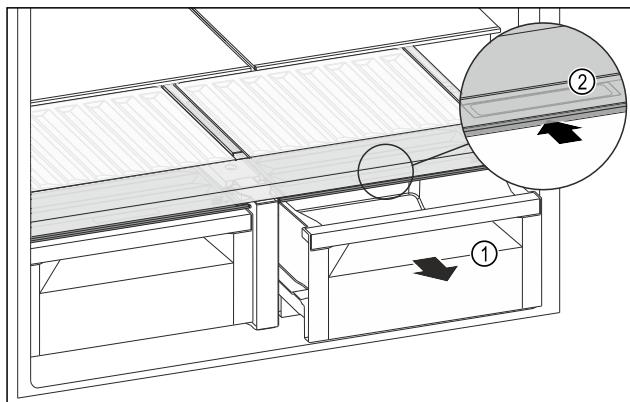


Fig. 143

# Features

- ▶ Pull out the drawer *Fig. 143 (1)*.
- ▶ Grasp the recessed grip *Fig. 143 (2)* on the compartment lid and push the compartment lid backwards at the same time.
- ▶ Carry out the same action steps for the second compartment lid.
- ▶ When the drawer is closed, the compartment lid seals with the drawer.
- ▶ Using HydroBreeze is possible. (see 8.5 HydroBreeze\*) \*

## 8.4.3 Using Fruit & Vegetable Safe with HydroBreeze\*

You can use the Fruit & Vegetable Safe with HydroBreeze. To do this, you must increase the humidity in the drawer. (see 8.4.2 Increasing the air humidity in the drawer)

## 8.5 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 9.8.4 Clean the components)
- The water tank is properly engaged.
- The humidity in the drawer is set to high air humidity. (see 8.4.2 Increasing the air humidity in the drawer)
- HydroBreeze is activated. (see HydroBreeze\*)

### 8.5.1 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.

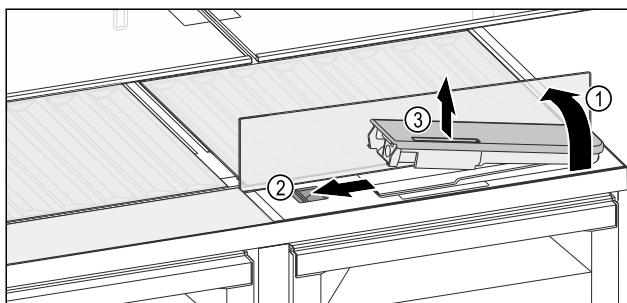
#### Note

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 2.2 Overview of the appliance and equipment).



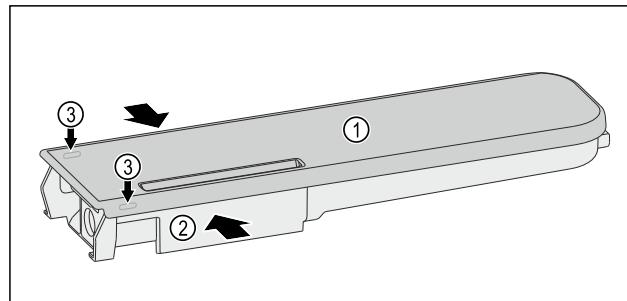
*Fig. 144*

- ▶ 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. 144 (1)*.
  - ▶ Glass panel stands upright.
  - ▶ Slide the slider *Fig. 144 (2)* to the left.
  - ▶ The water tank jumps out of its recess.
  - ▶ Remove the water tank *Fig. 144 (3)*.
  - ▶ Cleaning the water tank (see 9.8.4 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.

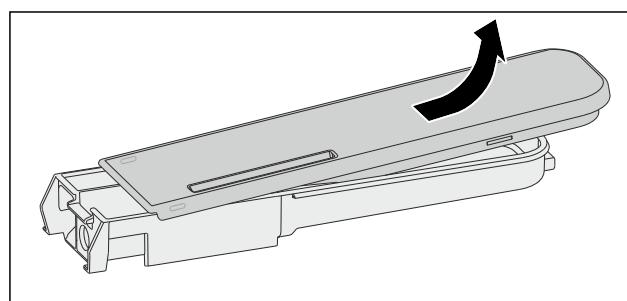
## 8.5.2 Dismantling the water tank

You can remove the HydroBreeze water tank for cleaning.



*Fig. 145*

- ▶ Push the water tanks *Fig. 145 (2)* together, leverage the cover *Fig. 145 (1)* carefully over the latching tabs *Fig. 145 (3)* and lift it up.
- ▶ The cover is released.



*Fig. 146*

- ▶ Move the cover *Fig. 145 (1)* slightly forwards and back, and remove to the top.
- ▶ The water tank has been dismantled.

## 8.6 Glass shelves

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

### 8.6.1 Removing / inserting the glass shelf

Make sure that the following requirements are fulfilled:

- Glass shelf under the drawer: The drawer has been removed. (see 8.3 Drawers)

## Removing glass shelf

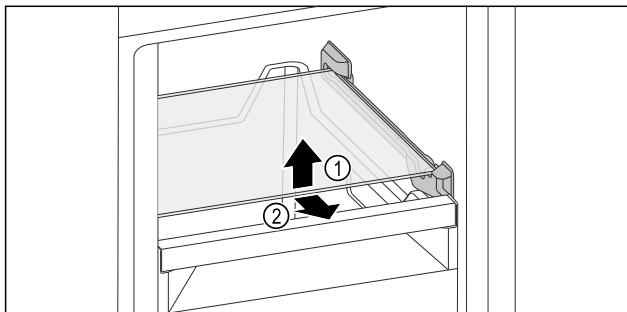


Fig. 147 Example illustration, glass shelf\*

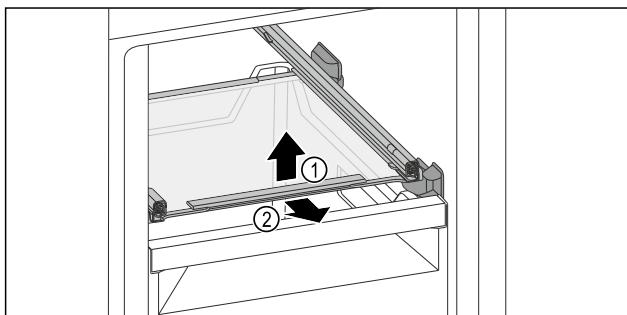


Fig. 148 Example illustration, glass shelf\*

- Lift the glass shelf forwards.
- Remove the glass shelf forwards.

## Inserting glass shelf

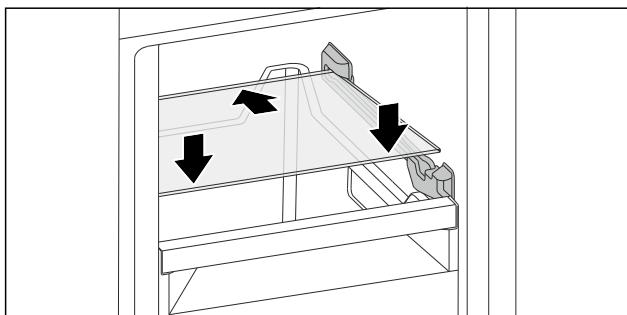


Fig. 149 Example illustration, glass shelf\*

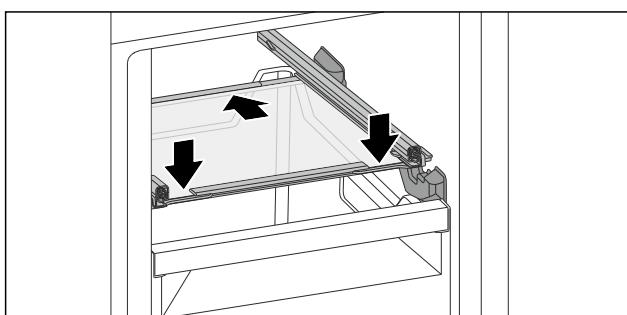


Fig. 150 Example illustration, glass shelf\*

- Place the glass shelf at an angle behind the stoppers.
- Lower glass shelf.
- Slide in glass shelf to the back.

## 8.7 Butter dish

### 8.7.1 Opening/closing the butter dish

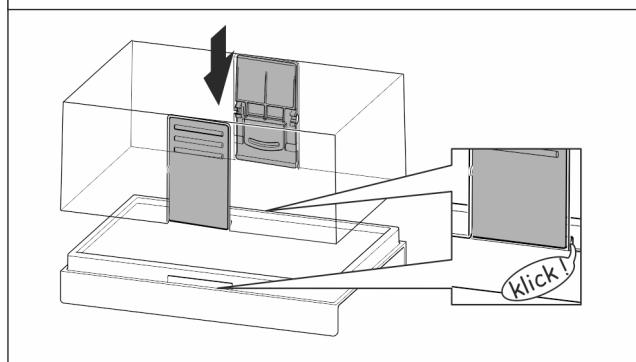
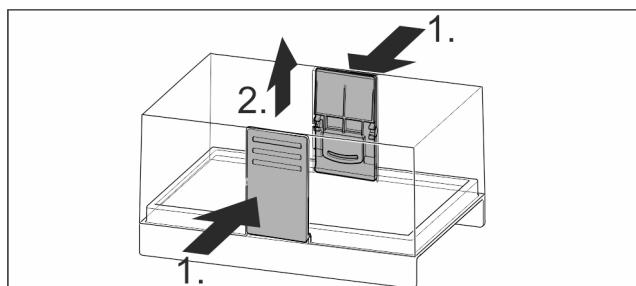


Fig. 151

### 8.7.2 Dismantling the butter dish

You can take the butter dish apart for cleaning.

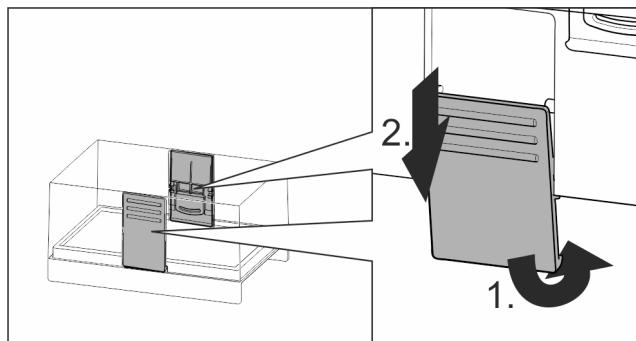


Fig. 152

- Disassembling the butter dish.

## 8.8 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.

# Maintenance

## 8.8.1 Using the egg rack

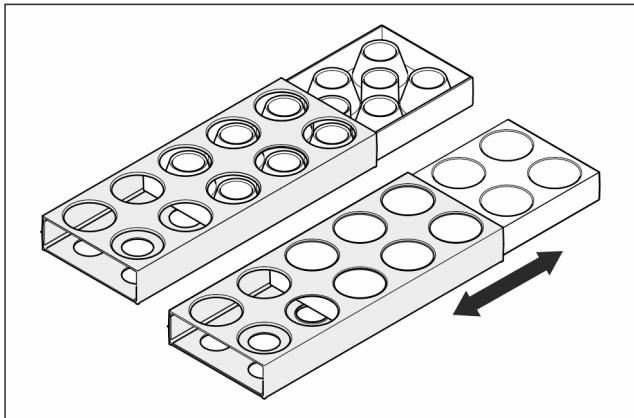


Fig. 153

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

## 8.9 Bottle holder

### 8.9.1 Using the bottle holder

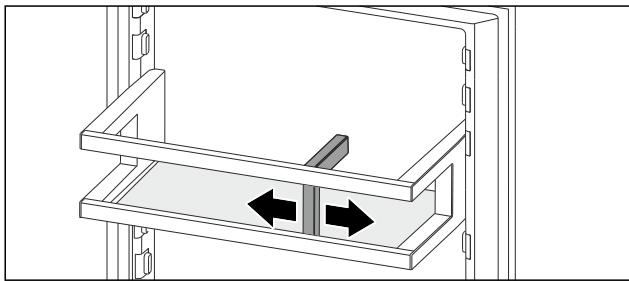


Fig. 154

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

# 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](http://home.liebherr.com/shop/de/deu/zubehor.html).

### 9.1.1 Removing the FreshAir carbon filter

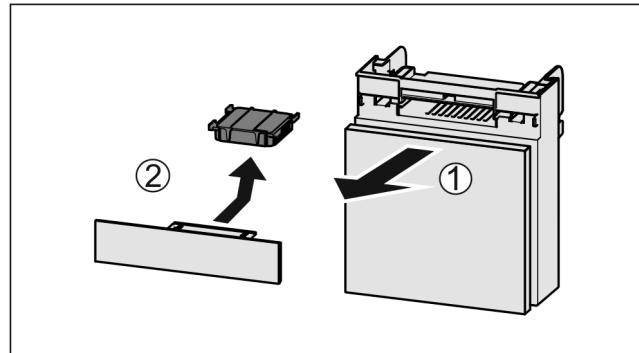


Fig. 155

- Pull out the compartment Fig. 155 (1).
- Remove the carbon filter Fig. 155 (2).

### 9.1.2 Inserting the FreshAir carbon filter

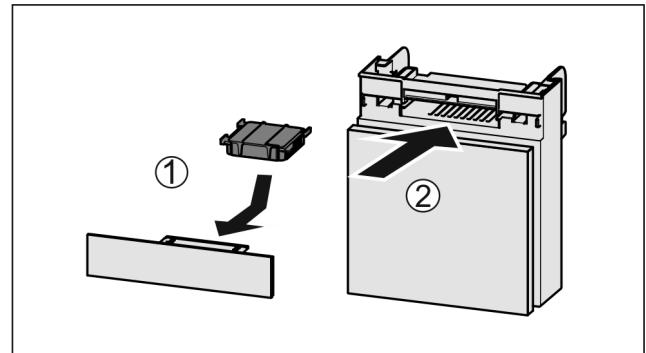


Fig. 156

- Insert the carbon filter as shown in the diagram Fig. 156 (1).
- The carbon filter clicks into place.  
If the carbon filter is pointing downwards:  
► Push the compartment in Fig. 156 (2).
- The carbon filter is now ready for use.

## 9.2 Water tank

The water tank for the Water & Ice Center is located behind the bottom drawer on the left in the fridge section.

### 9.2.1 Removing the water tank

- Turn off the tap.
- Dispense water from the Water & Ice Center for 30 seconds and collect in a glass.
- Remove the drawer compartment.
- Turn the water tank all the way anti-clockwise and pull it out.
- Water dripping out is collected in the drip tray.
- Clean the water collection tray with a cloth.

## 9.2.2 Inserting the water tank

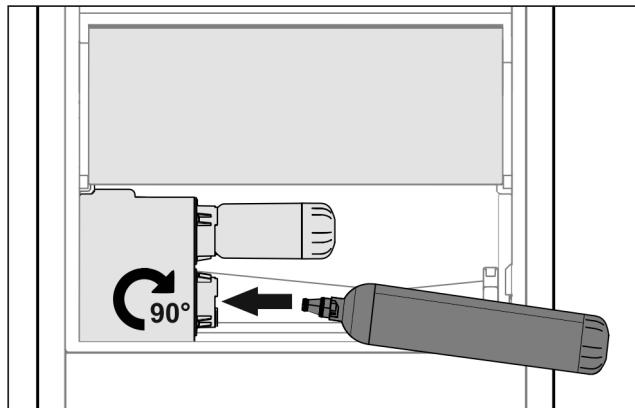


Fig. 157

- ▶ Remove the drawer compartment.
- ▶ Insert the water tank and rotate approx. 90° clockwise until it clicks in.
- ▶ Check that the tank is sealed and no water leaks out.
- ▶ Insert the drawer compartment.
- ▶ Turn on the tap.
- ▶ Bleed the water system. (see 4.3.1 Bleeding the water system)

### Note

You can purchase this water tank as an optional extra.

## 9.3 Water filter

The water filter is located behind the bottom drawer on the left in the fridge section.

It filters out deposits in the water and reduces the taste of chlorine.

- Replace the water filter at least every 6 months, or if there is a significant reduction in the flow rate.
- The water filter contains carbon and can be disposed of with the regular household waste.

### Note

Water filters are available from the Liebherr-Hausgeräte store at [home.liebherr.com/shop/de/deu/zubehor.html](http://home.liebherr.com/shop/de/deu/zubehor.html).

## 9.3.1 Removing the water filter

- ▶ Remove the drawer compartment.
- ▶ Turn the water filter all the way anti-clockwise and pull it out.
- ▶ Water dripping out is collected in the drip tray.
- ▶ Clean the water collection tray with a cloth.

## 9.3.2 Inserting the water filter

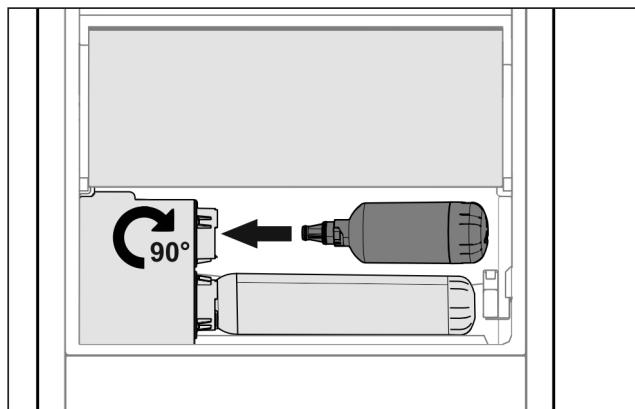


Fig. 158

- ▶ Remove the drawer compartment.
- ▶ Insert the water filter and rotate approx. 90° clockwise until it clicks in.
- ▶ Check that the filter is sealed and no water leaks out.
- ▶ Insert the drawer compartment.

### Note

New water filters may contain suspended particles.

- ▶ After replacing the filter: Draw and dispose of 3 l of water on the Water & Ice Center.

- ▶ The water filter is now ready for use.

## 9.4 Disassembling / assembling pull-out systems

### 9.4.1 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
Freezer section partial pull-out*	can be disassembled (see Partial pull-out freezer compartment*) *

### 9.4.2 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 8.6 Glass shelves)

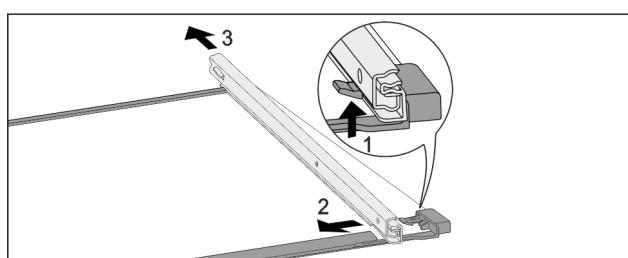


Fig. 159 Glass shelf with rails

- ▶ Push up front click-in hooks. Fig. 159 (1)
- ▶ Move the pull-out rails to the side Fig. 159 (2) and to the rear Fig. 159 (3).

#### Installing pull-out system

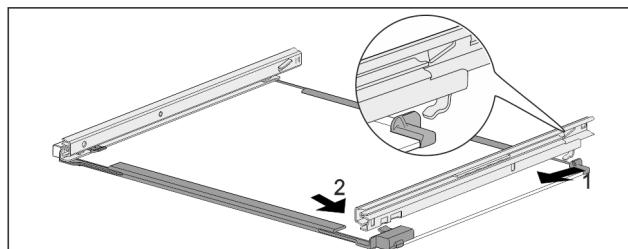


Fig. 160 Glass shelf with rails

- ▶ Hook in rail at the back. Fig. 160 (1)
- ▶ Hook in rail at the front. Fig. 160 (2)

## 9.5 Removing / inserting the variable bottle rack

The variable bottle rack can be removed for cleaning.

### 9.5.1 Removing the variable bottle rack

Ensure that the following requirements are met:

- Bottles have been removed.
- Glass shelves have been removed. (see 8.2.1 Using the variable bottle rack)

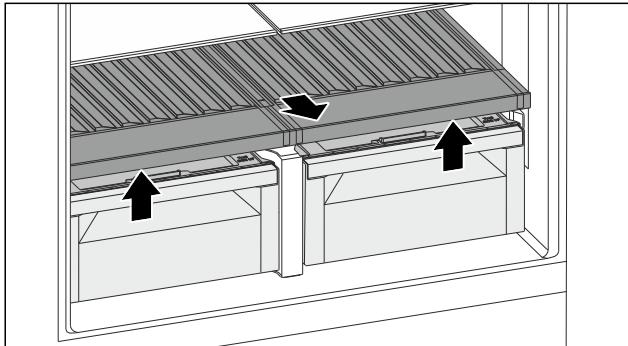


Fig. 161

- Lift the variable bottle rack at the front and pull it out.
- The compartment lids are visible.

#### Note

Liebherr recommends:

Do not place any items on the compartment lids below.

### 9.5.2 Inserting the variable bottle rack

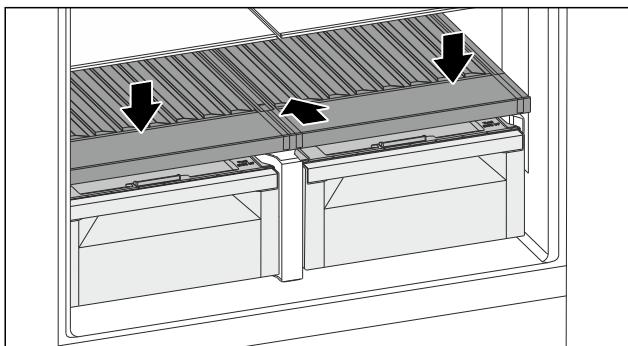


Fig. 162

- Push the variable bottle rack in to the end stop and press it down.
- The connectors at the back of the variable bottle rack are connected via automated processes.
- LED lights up.
- Insert the glass shelves. (see 8.2.2 Using the glass shelves)
- Use the variable bottle rack for bottles.

## 9.6 Compartment lid for BioFresh Safe

You can remove one or both compartment lids for cleaning.

### 9.6.1 Removing the compartment lid

Ensure that the following requirements are met:

- The glass shelves directly above the variable bottle rack have been removed.
- The variable bottle rack has been removed.
- The drawer directly below the compartment lid has been removed. (see 8.3 Drawers)

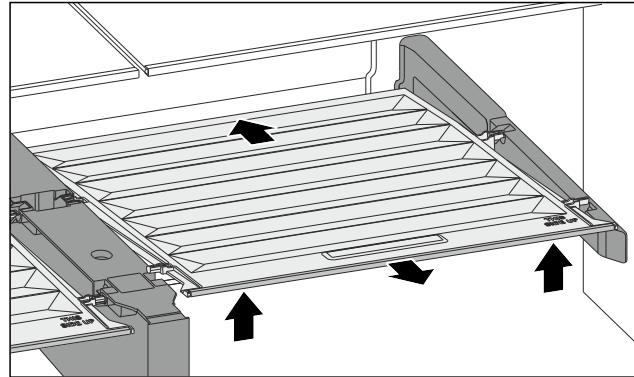


Fig. 163

- Push the compartment lid backwards.
- Lift the compartment lid forwards.
- Remove the compartment lid forwards and upwards at an angle.

### 9.6.2 Inserting the compartment lid

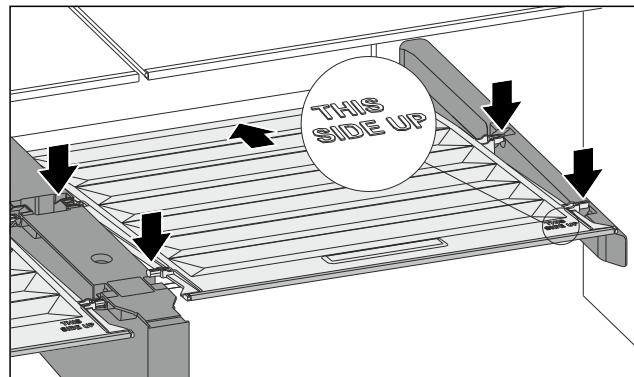


Fig. 164

- If the THIS SIDE UP lettering is at the top:
- Insert the rear retaining parts into the relevant rear openings.
  - Push the compartment lid backwards.
  - Lower the compartment lid forwards and engage the front retaining parts into the openings.
  - Move the compartment lid into the required position.

## 9.7 Defrosting the appliance

### 9.7.1 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 9.8 Cleaning the appliance)

### 9.7.2 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.

## 9.8 Cleaning the appliance

### 9.8.1 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)

### 9.8.2 Clean the housing

#### NOTICE

Improper cleaning!

Damage to the appliance.

- Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
- Do not use 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.



#### WARNING

Risk of injury and damage as a result of hot steam!

Hot steam can lead to burns and can damage the surfaces.

- Do not use any steam cleaners!

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

### 9.8.3 Cleaning the interior

#### NOTICE

Improper cleaning!

Damage to the appliance.

- Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
- Do not use 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).

### 9.8.4 Clean the components

#### NOTICE

Improper cleaning!

Damage to the appliance.

- Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
- Do not use 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:

- Shelf
- Compartment lid for Fruit & Vegetable Safe
- Drawer
- Adjustable bottle shelf
- Water collection tray
- Drip tray of the Water & Ice Center

#### Clean with a damp cloth:

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

#### Wash in the dishwasher up to 60 °C:

- Door rack
- Bottle rack
- Holder of the dividing shelf
- HydroBreeze water tank and water tank lid\*
- Egg rack
- Butter dish
- Drip grid of the Water & Ice Center
- To disassemble components: see the relevant section.
- Clean the components.

### 9.8.5 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.

### 9.8.6 Cleaning the Water & Ice Center

The outlet of the Water & Ice Center and the surrounding area can be cleaned without disconnecting the appliance from the power supply.

Cleaning must be carried out after:

- First use
- Non-use for more than 5 days.

#### Cleaning the output area

- Activating the CleaningMode setting. (see CleaningMode)

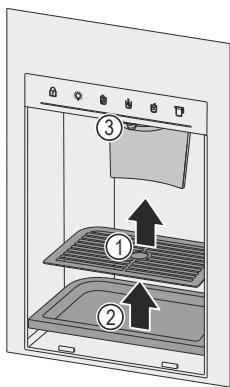


Fig. 165 Removal of drip grid and drip tray

- Remove the drip grid Fig. 165 (1).
- Remove the drip tray Fig. 165 (2).
- Clean the outlet Fig. 165 (3) and surrounding area with a soft, clean cloth, lukewarm water and a little rinsing liquid.
- Deactivate the CleaningMode setting. (see Cleaning-Mode)
- Draw 2 l of water and dispose of it.

### Cleaning the ice storage compartment

Cleaning must be carried out after:

- First use
- Non-use of the ice dispenser for more than 30 days
- After a power failure
- After an appliance fault

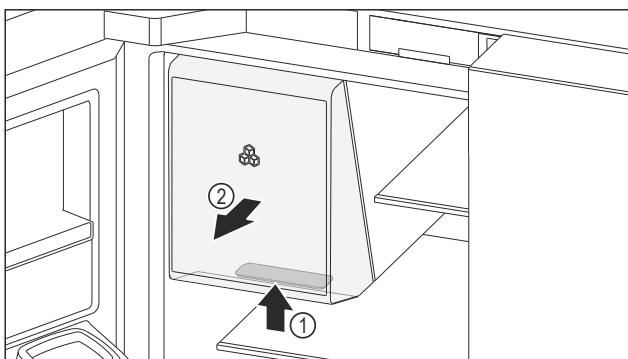


Fig. 166 Removal of ice storage compartment

- Reach the recessed grip Fig. 166 (1) at the bottom of the ice storage compartment and pull out the ice storage compartment forwards at the same time Fig. 166 (2).
  - Empty the ice storage compartment completely.
  - Clean the ice storage compartment with a soft, clean cloth and lukewarm water.
- When the ice storage compartment is dry:
- Push in the ice storage compartment.

### 9.8.7 After cleaning

- Wipe the appliance and the components dry.
- Connect and switch on the appliance.
- Activate SuperFrost (see 7.2 Appliance functions).
- Repeat cleaning regularly.

## 10 Customer help

### 10.1 Technical specifications

Temperature range	
BioFresh	0 °C to 3 °C
Freeze	-24 °C to -15 °C
VarioTemp-Zone	-18 °C to +5 °C

Maximum ice cube quantity / 24 hours	
Freezer compartment	see type plate under "Freezing capacity .../24 h"

Maximum loading weight for the equipment	
Left refrigerator door	1 kg
Right refrigerator door	12 kg
Left freezer compartment door	1 kg
Right freezer compartment door	1 kg
Freezer compartment top drawer	15 kg
Freezer compartment middle drawer	15 kg
Freezer compartment bottom drawer	10 kg

Water & Ice Center ice cube production	
Ice cube production / 24 hours	At temperature -18 °C: 1.8 kg ice cubes
maximum ice cube production / 24 hours	With MaxIce function activated: 2.1 kg ice cubes

Lighting	
Class <sup>1</sup>	Light source
This product contains one or more energy efficiency class G light sources.	LED

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

For appliances with a WiFi connection:

Frequency specification	
Frequency band	2.4 GHz
Maximum radiated power	< 100 mW
Purpose of the wireless equipment	Integration in the local WiFi network for data communication

### 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

Temperature range	
Cooling	3 °C to 9 °C

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
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
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

Noise	Possible cause	Type of noise	Lifting
Vibration	Improper setup	Defective noise	Level the appliance using the adjustable feet.

Defect	Cause	Remedy
The appliance is not working.	→ The appliance is not switched on.	► Switch the appliance on.
	→ The power plug is not properly plugged into the socket.	► Check the power plug.
	→ There is something wrong with the power outlet fuse.	► Check the fuse.
	→ Power cut	► Keep the appliance closed. ► Safeguarding food: Place cold packs on top of food or use another freezer if the power cut lasts longer. ► Do not re-freeze defrosted food,
	→ The IEC socket is not plugged into the appliance correctly.	► Check the IEC socket.
Temperature is not cold enough.	→ The appliance door is not closed properly.	► Close the appliance door.
	→ The ambient temperature is too high.	► Problem solution: (see 2.5 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 appliance is too close to a heat source (oven, radiator, etc).	► Move the appliance or the heat source.
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)

Defect	Cause	Remedy
<b>The closing damper is defective or requires replacement for another reason.*</b>	→ The closing damper is replaceable. It can be changed without the need for any additional tools.	► Contact Customer Service. (see 10.4 Customer Service)
<b>The appliance builds up too much ice or condensation.</b>	→ The door seal may have slipped out of its groove.	► Check that the door seal is well fitted in the groove.
<b>The exterior surfaces of the appliance are warm.*</b>	→ The heat of the refrigeration circuit is used to avoid condensation.	► This is normal.

## 10.3.2 Features

Defect	Cause	Remedy
<b>HydroBreeze is not keeping refrigerated goods moist.*</b>	→ 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.
	→ The water tank is not clicked into place properly.	► Click the water tank into place.
	→ The compartment cover of the Fruit & Vegetable Safe is set to "low humidity".	► The compartment cover of the Fruit & Vegetable Safe is set to "high humidity".
<b>Water &amp; Ice Center does not function.</b>	→ Control panel is locked.	► Deactivate the child lock on the Water & Ice Center. (see 7.3 Water & Ice Center functions)
	→ The Water & Ice Center is deactivated.	► Activate the Water & Ice Center. (see Water & Ice Center)
<b>The Water &amp; Ice Center does not dispense any ice cubes.</b>	→ Ice cubes are used up.	► Wait until new ice cubes are produced.
	→ Doors are open.	► Close the doors.
	→ Ice storage compartment is not completely closed.	► Push the ice storage compartment completely in.
	→ Ice cube channel on the inside of the door is blocked.	► Remove the ice cubes completely from the channel.
	→ Ice production function is deactivated.	► Activate the Ice production function. (see Water & Ice Center / IceMaker)
	→ The water connection is not open.	► Open the water connection.
<b>The Water &amp; Ice Center does not dispense any water.</b>	→ The water connection is not open.	► Open the water connection.
<b>Water flow at the Water &amp; Ice Center is uneven.</b>	→ There is air in the water system.	► Bleed the water system. (see 4.3 Starting the Water & Ice Center up)
<b>The MoodLight in the output area does not light up.</b>	→ The MoodLight is deactivated.	► Activate the MoodLight. (see 7.3 Water & Ice Center functions)
	→ The appliance is not switched on.	► Switch the appliance on.

Defect	Cause	Remedy
<b>The internal light does not come on.</b>	→ The door was open for longer than 15 minutes.	► Interior lighting switches off automatically after about 15 minutes when the door is 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 in the enclosed brochure "Liebherr-Service" or at [home.liebherr.com/service](http://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.)
- 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

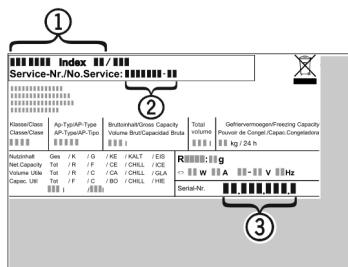


Fig. 167

(1) Appliance description      (3) Serial no.

(2) Service no.

- Note the data on the model plate.

## 11 Shutting down

- Empty the appliance.
- Empty the ice storage compartment completely.
- Deactivate HydroBreeze. (see Deactivating HydroBreeze)

- Deactivate the Water & Ice Center. (see Deactivating the Water & Ice Center)
- 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 9.8 Cleaning the appliance)
- Leave the door open, so that no unpleasant odours arise.

## 12 Disposal

### 12.1 Preparing appliance for disposal



#### Li-Ion

Liebherr uses batteries in some of its appliances. In the EU, for environmental reasons, legislation obliges the end user to remove these batteries before disposing of 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.



#### Li-Ion

Dispose of batteries separately from the old appliance. To do this, you can return the batteries free of charge to retailers as well as recycling centres and collection centres for recyclable materials.

#### Lamps

Dispose of removed lamps via the respective collection systems.

#### For Germany:

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

# Disposal

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

**EN**    fridge/freezer with BioFresh

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