



User Guide

Quality, Design and Innovation



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



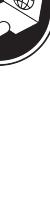
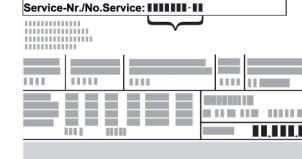
**LIEBHERR**

# Contents

	Start defrosting cycle.....	15
	PartyMode .....	16
	HolidayMode.....	16
	SabbathMode.....	17
	EnergySaver .....	17
	IceMaker / MaxIce .....	18
	IceMaker water supply.....	19
	TubeClean .....	19
	CleaningMode.....	20
	Display brightness.....	20
	H-Value.....	21
	Door alarm.....	21
	Child lock.....	21
	Language.....	22
	Appliance and software information.....	22
	Reminder.....	23
	Demo mode.....	23
	Resetting to factory settings.....	24
	Messages.....	24
	Overview of warnings.....	24
	Ending warnings.....	24
	Overview of reminders.....	25
	Ending reminders.....	25
	Features.....	26
	Door rack.....	26
	Adjustable bottle shelf.....	27
	Drawers.....	28
	Compartment lid for BioFresh Safe.....	29
	Glass shelves.....	29
	IceMaker.....	30
	Egg rack.....	30
	Bottle holder.....	30
	Maintenance.....	30
	FreshAir carbon filter.....	30
	Dismantling the door rack.....	30
	Assembling the door rack.....	31
	Disassembling / assembling pull-out systems.....	32
	Removing / inserting the variable bottle rack.....	32
	Compartment lid for BioFresh Safe.....	33
	Defrosting the appliance.....	33
	Cleaning the appliance.....	33
	Customer help.....	34
	Technical specifications.....	34
	Operating noises.....	35

10.3	Technical fault.....	35
10.4	Customer Service.....	36
10.5	Model plate.....	37
<b>11</b>	<b>Shutting down.....</b>	<b>37</b>
<b>12</b>	<b>Disposal.....</b>	<b>37</b>
12.1	Preparing the appliance for disposal.....	37
12.2	Disposing of the appliance in an environmentally friendly manner.....	37

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
	<p><b>Read instructions</b></p> <p>Please read the information in these instructions carefully to understand all of the benefits of your new appliance.</p>
	<p><b>Additional information on the Internet</b></p> <p>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>.</p> <p>The service number can be found on the serial tag:</p> 
	<p><b>Check appliance</b></p> <p>Check all parts for transport damage. If you have any complaints, please contact your agent or customer service.</p>
	<p><b>Differences</b></p> <p>These instructions apply to a range of models, so differences are possible. Sections that apply to certain models only are marked with an asterisk (*).</p>
	<p><b>Instructions and results</b></p> <p>Instructions are marked with a ►.</p> <p>Results are marked with a ▷.</p>
	<p><b>Videos</b></p> <p>Videos about the appliances are available on the YouTube channels of Liebherr-Hausgeräte.</p>

## 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

## 1 Safety information and warnings

Keep this user information in a safe place so that you can refer to it at any time.

If you pass on the appliance, pass this user information on to subsequent owners.

To use the appliance properly and safely, read this user information carefully before installation and use. Always follow the instructions, safety instructions and warnings contained therein. They are important so that you can install and operate the appliance safely and properly.

## 1.1 Intended use

This appliance is intended for household use and similar applications such as:

- in staff kitchen areas in shops, offices and other work areas
- in agricultural environments and by guests in hotels, motels and other accommodation
- in bed and breakfasts
- in catering and similar wholesale operations

All other types of application are impermissible.

## 1.2 Climate classes

Depending on its climate class, the appliance is designed for operation within certain ambient temperature limits. The climate class for your appliance is printed on the type plate.

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### Note

- In order to guarantee fault-free operation comply with the specified ambient temperatures.

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

### 1.3 User group

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children must not play with the appliance.
- Children must not carry out cleaning and user maintenance without supervision.
- Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.

## 1.4 Installation and commissioning

- Only set up and connect the appliance in accordance with the instructions in the user information.
- Do not close the ventilation openings in the appliance housing or in the installation housing.

# Safety information and warnings

- Do not damage the mains cable. The appliance must not be operated with a defective mains cable.
- Do not place portable multiple sockets or power supply units at the rear of the appliance.
- It must be easy to access the socket so that the appliance can be quickly disconnected from the power supply in case of an emergency. It must not be behind the appliance.

Appliances with anti-tip protection:

- Secure the appliance with an anti-tip device in accordance with the instructions in the user information to prevent the appliance from tipping over.

Appliances with fixed water connection:

- Only connect the fixed water connection to the drinking water supply to avoid poisoning from contaminated water.
- Only connect the appliance to the drinking water supply using the new hose set supplied with the appliance. Do not reuse old hose sets, dispose of them instead.

## 1.5 Safe handling of the appliance

- Do not store any explosive substances, such as aerosol containers with flammable propellant gas, in the appliance. These types of aerosol can be identified by the list of contents printed on it, or by a flame symbol. Any leaking gas may ignite due to electrical parts.
- Keep burning candles, lamps and other objects with naked flames away from the appliance, so that these do not set fire to the appliance.
- Alcoholic beverages and other containers bearing alcohol must be sealed tight for storage. Any leaking alcohol may ignite due to electrical parts.
- Avoid prolonged skin contact with cold surfaces or with cold/frozen food. Use gloves for protection, for example.
- The refrigerant contained (information on the type plate) is environmentally friendly but flammable. Leaking refrigerant may ignite.
  - Do not damage the refrigeration circuit.
  - Do not use any ignition sources inside the appliance.
  - Do not use electrical appliances inside the appliance (e.g. steam cleaners, heaters).
  - If the refrigerant leaks: remove any naked flames or ignition sources from the vicinity of the leakage point. Properly air the room. Inform customer service.
- Only open the door for a short time. This prevents the temperature inside the appliance from rising.
- Do not reach between the door and the appliance when opening and closing. Fingers may become trapped.
- The temperature in the warmest part of the appliance may be higher than the set temperature.

## 1.6 Cleaning

- Regularly clean surfaces that come into contact with food.
- Clean the defrost water drain regularly.
- Do not use an electric heater or steam cleaner, naked flames or defrost spray to speed up the defrosting process.
- Do not remove the ice with sharp objects.

## 1.7 Faults, damage and repairs

- If the mains connection cable of the appliance is damaged, replace the mains connection cable.

- Repairs and interventions on the appliance may only be carried out by the customer service or by other qualified personnel trained for this purpose.
- In the event of malfunctions and appliance faults, pull out the mains plug or switch off the fuse. Always hold the plug when pulling out the mains plug. Never tug on the cable.

## 1.8 Disposal

- The appliance contains valuable materials and is marked with the appropriate symbol. (see 1.14 Symbols on the appliance)
  - Do not dispose of the appliance in the household waste.
  - Dispose of the appliance free of charge at your local recycling centre using the Class 1 collection containers.
  - When purchasing a new appliance, return the old appliance to the retailer free of charge.
  - Provide information about return options.
- Your appliance may contain personal data.
  - Delete personal data before disposal.
- The appliance contains refrigerant (information on the type plate) and oil. The refrigerant inside the appliance is environmentally friendly, but flammable. The oil it contains is also flammable. Escaping refrigerant and oil can ignite in high concentrations and in contact with an external heat source.
  - Do not damage the refrigeration circuit.
  - Only dispose of the appliance in accordance with the instructions in the user information.

## 1.9 Conformity

The coolant circuit has been tested for leak-tightness. The appliance complies with the relevant safety regulations and directives.

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

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

The full text of the EU Declaration of Conformity is available at the following web address: [www.liebherr.com](http://www.liebherr.com)

The BioFresh compartment fulfils the requirements of a chiller compartment in accordance with DIN EN 62552:2020.

## 1.10 SVHC substances in accordance with the REACH Regulation

You can use the following link to check whether your appliance contains SVHC substances in accordance with the REACH Regulation:

[home.liebherr.com/en/en/liebherr-experience/sustainability/environment/scip/scip.html](http://home.liebherr.com/en/en/liebherr-experience/sustainability/environment/scip/scip.html)

## 1.11 EPREL database

From 1 March 2021, the information on energy labelling and eco-design requirements will be available in the European product database (EPREL). The product database can be accessed via the following link <https://eprel.ec.europa.eu/>. Here, you are asked to enter the model identifier. You will find the model identifier on the type plate.

## 1.12 Open source licences

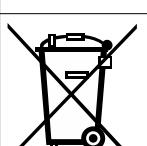
The appliance contains software components that use open source licences. Information on the open source licences used can be found here:

[home.liebherr.com/open-source-licences](http://home.liebherr.com/open-source-licences)

## 1.13 Spare parts

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

## 1.14 Symbols on the appliance

	This symbol may be found on the compressor. It pertains to the oil in the compressor and indicates the following danger: Can be fatal if swallowed or with penetration of the respiratory tract. This information is only significant for recycling. No risk exists with normal use. Do not remove this symbol.
	Warning: Fire hazard due to flammable substances. This symbol is located on the compressor and can also be found in other places on the appliance. This symbol warns of flammable substances. Do not remove this symbol.
	This or a similar symbol may be on the rear of the appliance. It indicates that there are vacuum insulation panels (VIP) or perlite panels in the door and/or housing. This information is only significant for recycling. Do not remove this symbol.
	This symbol is located on the type plate. It indicates that the appliance contains valuable materials and that you must not dispose of it with household waste. (see 1.8 Disposal)

## 1.15 Warning levels

	<b>DANGER</b> Identifies an immediately dangerous situation that will result in death or serious bodily injuries if it is not prevented.
	<b>WARNING</b> Identifies a dangerous situation that could result in death or serious bodily injury if it is not prevented.
	<b>CAUTION</b> Identifies an immediately dangerous situation that could result in slight or moderate injuries if it is not prevented.
<b>ATTENTION</b>	Identifies a hazardous situation that could result in property damage if it is not prevented.
<b>Note</b>	Identifies useful information 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

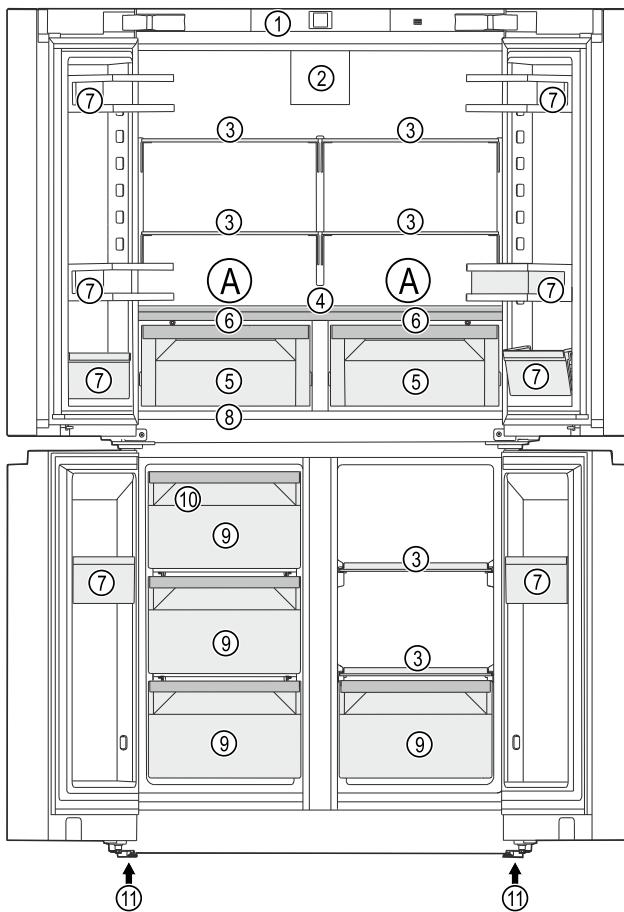


Fig. 1 Example illustration

#### Temperature range

**(A)** Coldest area

#### Equipment

- (1)** Controls
- (2)** Fan with FreshAir activated charcoal filter
- (3)** Shelf
- (4)** Variable bottle rack
- (5)** BioFresh Safe
- (6)** Compartment lid for BioFresh Safe
- (7)** Door rack
- (8)** Type plate
- (9)** Freezer drawer
- (10)** IceMaker
- (11)** Adjustable foot

# Appliance at a glance

## 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.

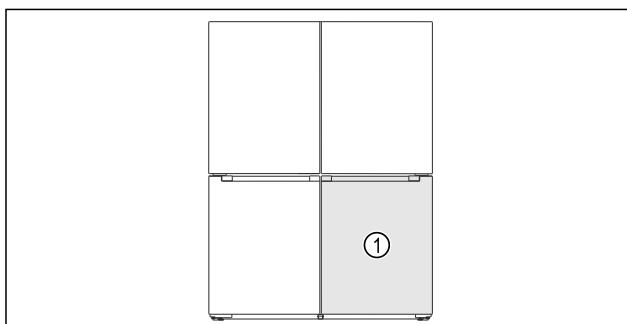


Fig. 2 Example illustration

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

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

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 Wi-Fi 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)

## 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.
Close the door and open it again.	If you close the door and immediately open it again, the display jumps directly back to the status display.

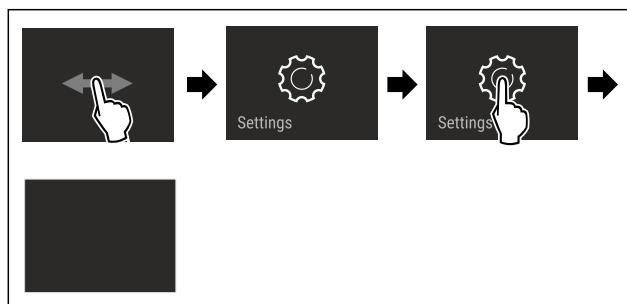
*Note: Illustrations of the display are shown in the English version.*

### 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



# Putting into operation

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

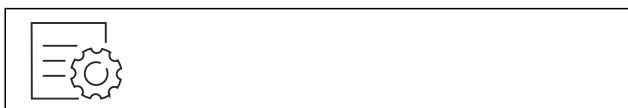


Fig. 4

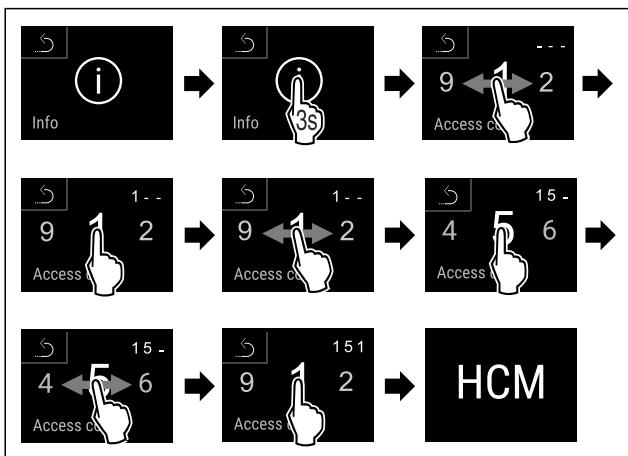


Fig. 5 Example illustration, access with numerical code 151

- 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.

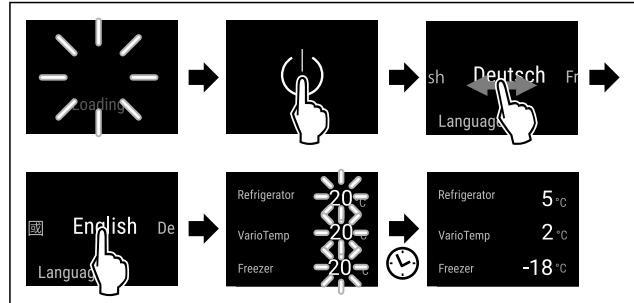


Fig. 6 Example illustration

- Status display appears.
- The appliance cools to the temperature set at the factory.
- The appliance starts in demo mode (status display with DEMO appears): If the appliance starts in demo mode, you can deactivate demo mode within the next 5 minutes. (see Demo mode)

### More information:

- Start the IceMaker for the first time. (see 4.2 Starting the IceMaker for the first time)
- Start the SmartDevice for the first time. (see 2.4 SmartDevice) and (see WiFi)

### Note

The manufacturer recommends:

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

### 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 IceMaker for the first time

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

Make sure that the following requirements are fulfilled:

- The water supply has been connected. See Installation Guide or mounting instructions.
- The appliance is properly connected.
- Clean the IceMaker. (see 9.8.5 Cleaning the IceMaker)

## 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	
		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. A 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.

# Storage

## 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
Herbs	at 1 °C	up to 13 days
Leeks	at 1 °C	up to 29 days
Mushrooms	at 1 °C	up to 7 days
Radishes	at 1 °C	up to 10 days
Brussels sprouts	at 1 °C	up to 20 days
Asparagus	at 1 °C	up to 18 days
Spinach	at 1 °C	up to 13 days
Savoy	at 1 °C	up to 20 days

### Fruit

Apricots	at 1 °C	up to 13 days
Apples	at 1 °C	up to 80 days
Pears	at 1 °C	up to 55 days
Blackberries	at 1 °C	up to 3 days
Dates	at 1 °C	up to 180 days
Strawberries	at 1 °C	up to 7 days
Figs	at 1 °C	up to 7 days
Blueberries	at 1 °C	up to 9 days
Raspberries	at 1 °C	up to 3 days
Currants	at 1 °C	up to 7 days
Sweet cherries	at 1 °C	up to 14 days
Kiwis	at 1 °C	up to 80 days
Peaches	at 1 °C	up to 13 days
Plums	at 1 °C	up to 20 days
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

Recommended storage period for various types of food		
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

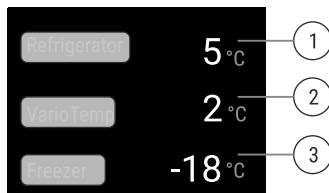


Fig. 7 The status display shows the actual temperature.

(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.
	<b>"D" on the status display</b> Demo mode is active.
	<b>IceMaker symbol on the status display</b> The IceMaker 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.

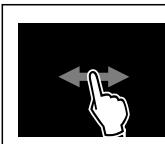


Fig. 8

# Controls

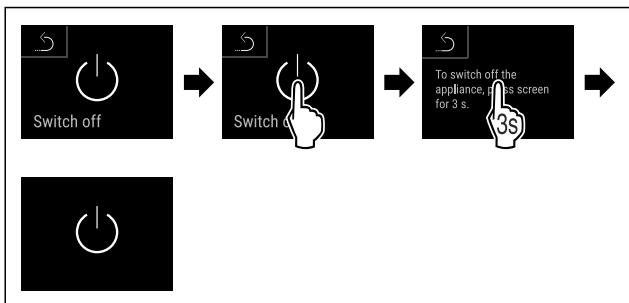


Fig. 9

- ▶ 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.

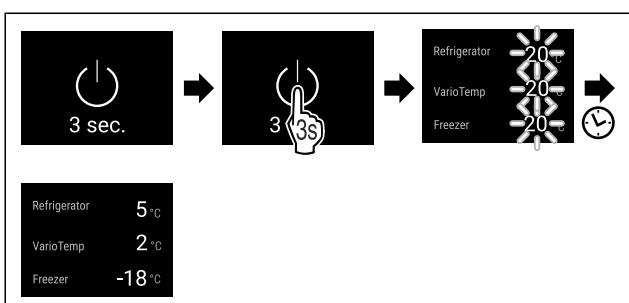


Fig. 10 Example illustration

- ▶ 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.

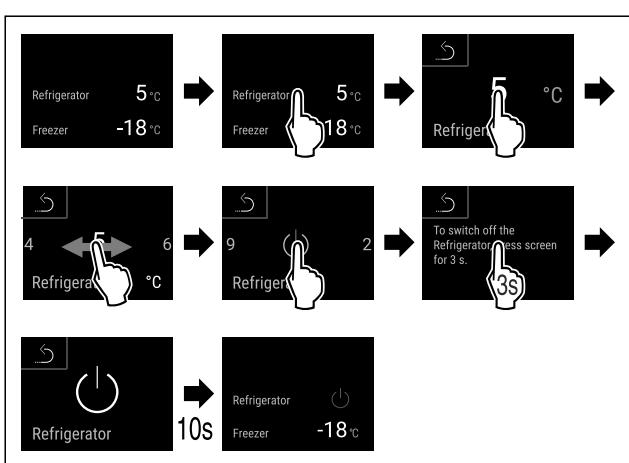


Fig. 11 Example illustration

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

## Switching the fridge compartment on

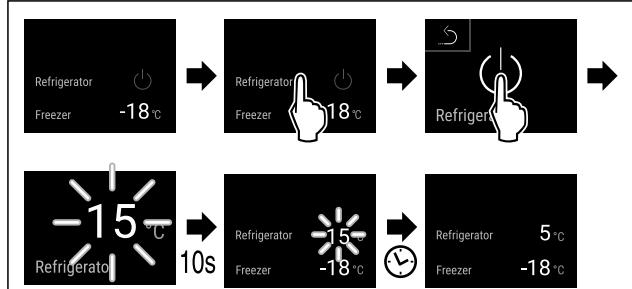


Fig. 12 Example illustration

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



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

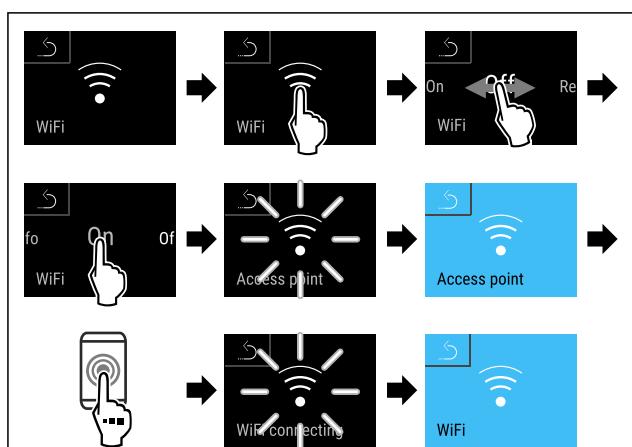


Fig. 14

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

### Disconnecting from the WiFi



Fig. 15

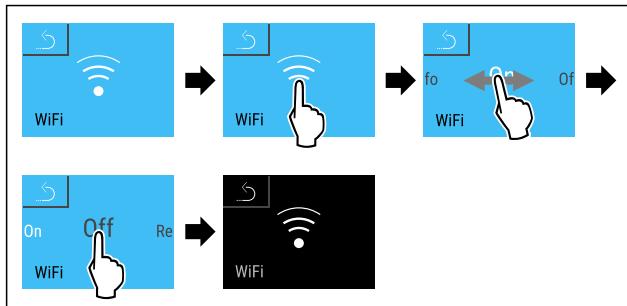


Fig. 16

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

## Resetting the WiFi connection



Fig. 17

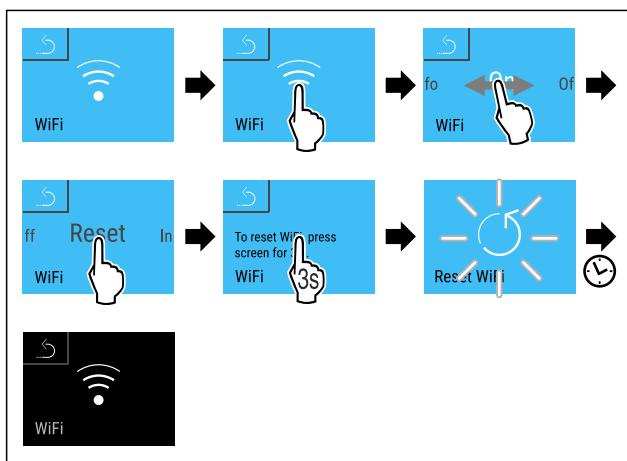


Fig. 18

- ▶ 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

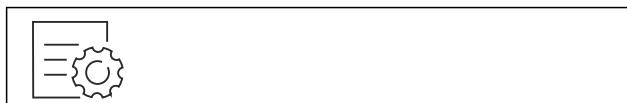


Fig. 19

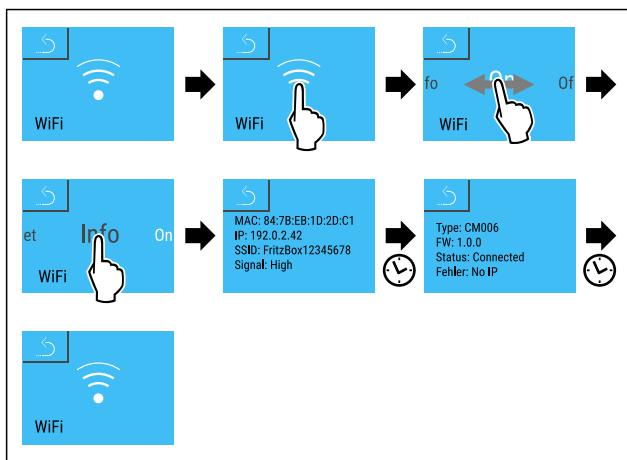


Fig. 20

- ▶ 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
<b>5 °c</b> Fridge section	4 °C	4 °C
<b>-18 °c</b> Freezer section	-18 °C	-18 °C
<b>0 °c</b> BioFresh	0 °C	B-Value (see BioFresh B-Value)
<b>-18 °c</b> VarioTempZone	-18 °C	Depending on the use of the VarioTempZone (see 2.3 VarioTempZone)

## Setting the temperature in the fridge section

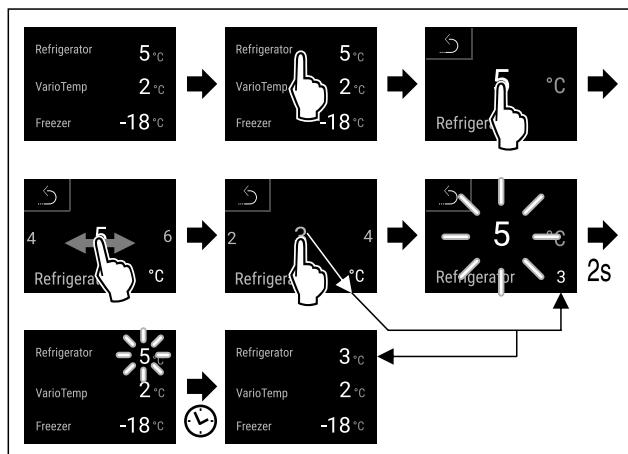
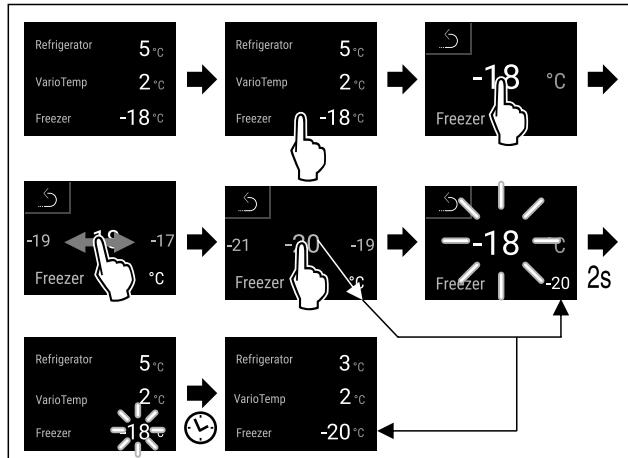


Fig. 21 Example illustration

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

## Setting the temperature in the freezer section



*Fig. 22 Example illustration*

# Controls

- ▶ 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

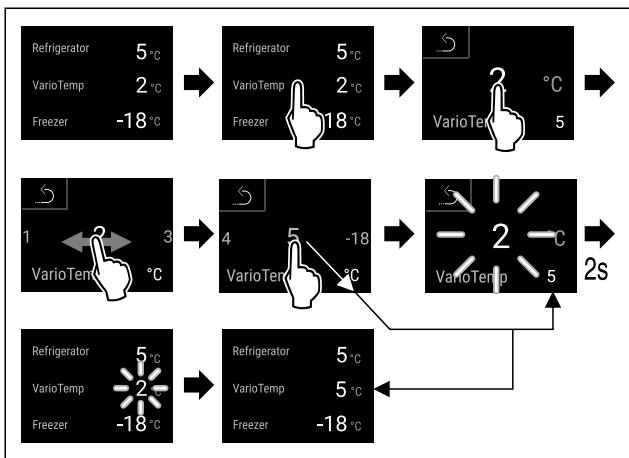


Fig. 23 Example illustration

- ▶ 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

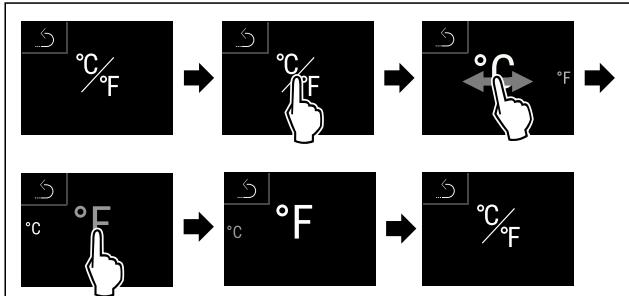


Fig. 26 Example illustration: Switch from degrees Celsius to degrees Fahrenheit.

- ▶ 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

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

## Setting the BioFresh B-Value



Fig. 27

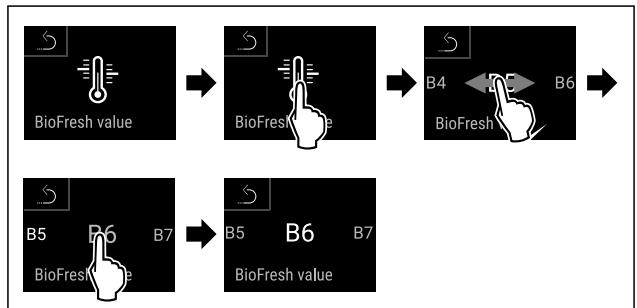


Fig. 29 Example illustration: Switch from B5 to B6.

- ▶ 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

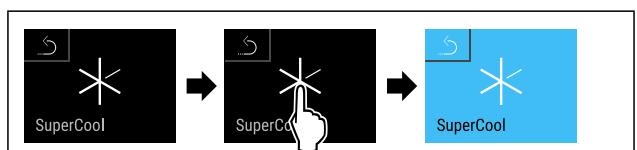


Fig. 31

- ▶ 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:

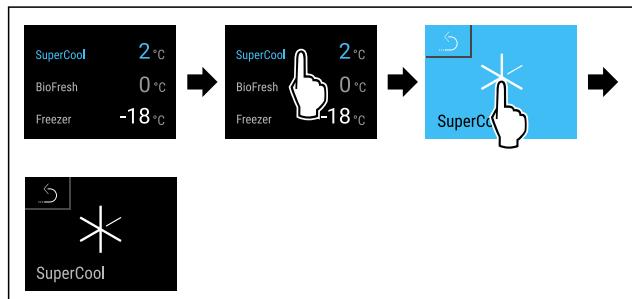


Fig. 32 Example illustration

- 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.

If the door is open for too long, e.g. because you are putting food in, the appliance automatically checks whether the actual temperature in the appliance matches the set temperature. If the difference exceeds a certain value, the appliance automatically cools more vigorously. As a result, the temperature shown on the display may be higher than the actual temperature in the appliance. This is normal and your appliance is working correctly.

## 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.

## Deactivating SuperFrost

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

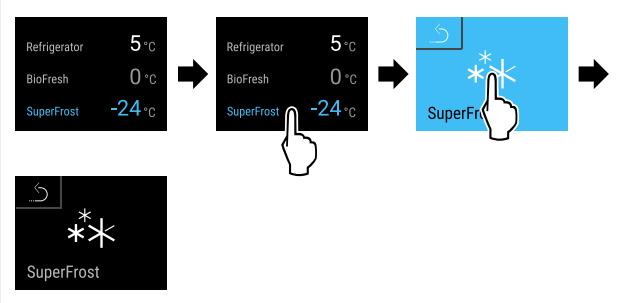


Fig. 35 Example illustration

- Carry out action steps according to the illustration.

-or-

- Deactivate with the SmartDevice app.

► SuperFrost is deactivated.

► The appliance continues to run in normal mode.

► The appliance cools to the temperature set previously.

## Start defrosting cycle

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

### Starting defrosting cycle



Fig. 36

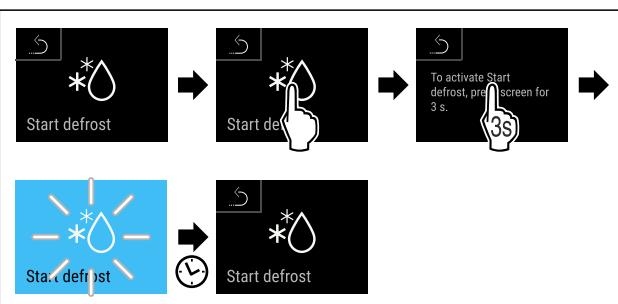


Fig. 37

- Carry out action steps according to the illustration.

► Defrosting cycle has started: Icon flashes until defrosting cycle is automatically completed.

► When defrosting cycle is finished: The device continues to run in normal mode.

# Controls

## Cancelling defrosting cycle

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



Fig. 38

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

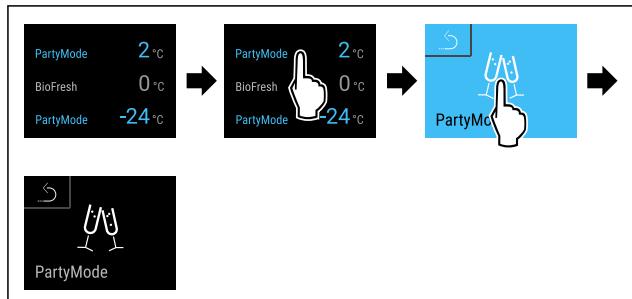


Fig. 41 Example illustration

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



## PartyMode

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

PartyMode activates the following functions:

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

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

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

### Activating PartyMode

Make sure that the following requirements are fulfilled:

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



Fig. 39

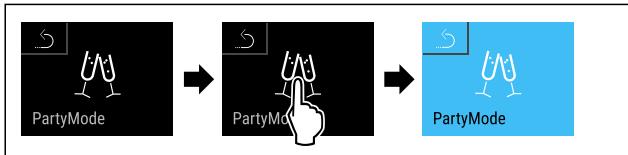


Fig. 40

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

### Deactivating PartyMode

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



## HolidayMode

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

### Appliance status when HolidayMode is active

Fridge section cools to 15 °C.

BioFresh cools to 15 °C.

The set temperature is maintained in the freezer section.

PartyMode is deactivated.

SuperCool is deactivated.

### Activating HolidayMode

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

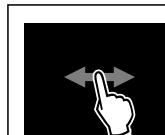


Fig. 42

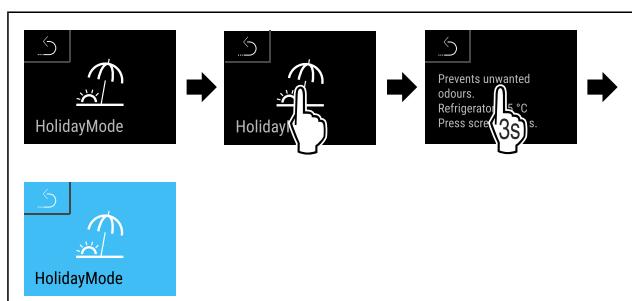


Fig. 43

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

## Deactivating HolidayMode

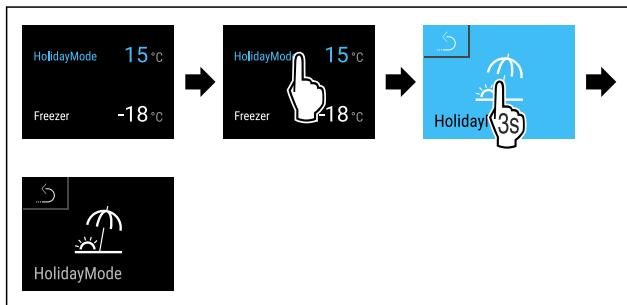


Fig. 44

- 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 IceMaker is switched off.
The defrosting cycle operates only for the specified time, without considering the appliance consumption.
After a power failure, the appliance returns to SabbathMode.

## Device status

### Note

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

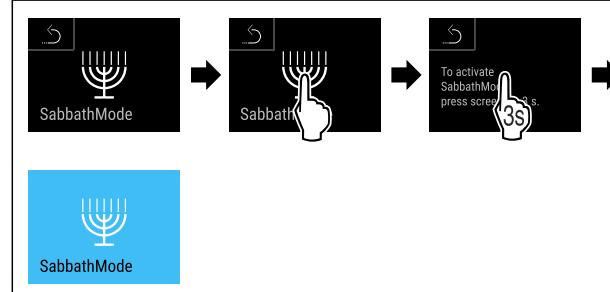


Fig. 46

- 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 Vario-TempZone.

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

# Controls

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

Temperatures

## Activating EnergySaver

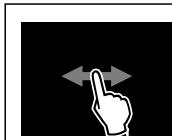


Fig. 48

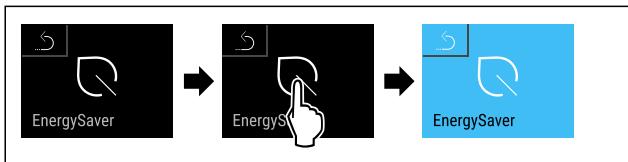


Fig. 49

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

## Deactivating EnergySaver

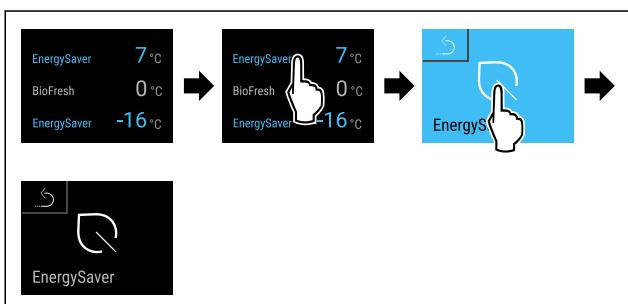


Fig. 50 Example illustration

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



## IceMaker / MaxIce

Use the IceMaker function to activate or deactivate the production of ice cubes. Use the MaxIce function to increase the amount of ice cubes produced by the IceMaker. MaxIce is automatically deactivated after 48 hours. However, you can also deactivate MaxIce manually at any time: (see Deactivating MaxIce)

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

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

## Activating IceMaker

Make sure that the following requirements are fulfilled:

- The water supply is established at the fixed water connection. See installation instructions.
- IceMaker is put into operation. (see 8.6 IceMaker)

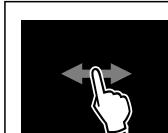


Fig. 51

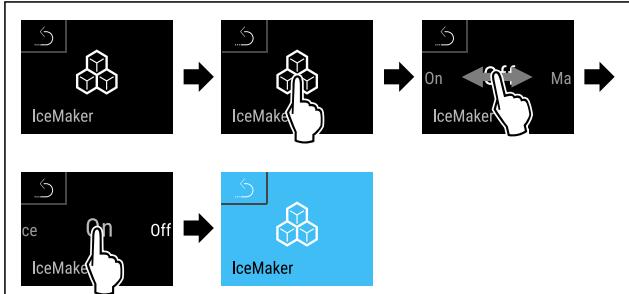


Fig. 52

- ▶ Carry out action steps according to the illustration.
- or-
- ▶ Activate with the SmartDevice app.
- ▶ IceMaker is activated. It can take up to 24 hours for the IceMaker to produce the first ice cubes.
- ▶ The IceMaker symbol appears on the status indicator.

## Activating the IceMaker with MaxIce

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

- The water supply is established at the fixed water connection. See installation instructions.
- IceMaker is put into operation. (see 8.6 IceMaker)

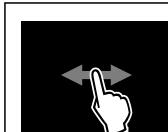


Fig. 53

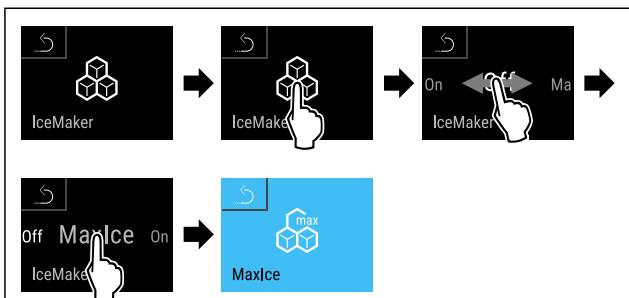


Fig. 54

- ▶ Carry out action steps according to the illustration.
- or-
- ▶ Activate with the SmartDevice app.
- ▶ The IceMaker is activated with MaxIce.
- ▶ The IceMaker symbol appears on the status indicator.

## Changing between the IceMaker and MaxIce

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

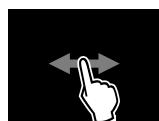


Fig. 55

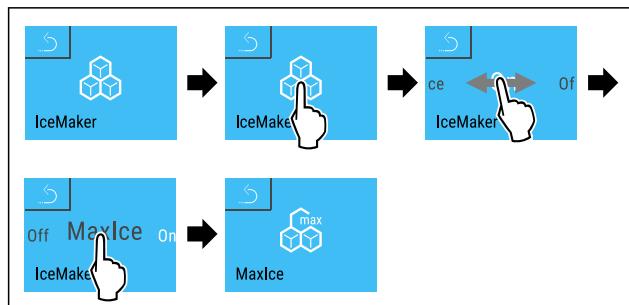


Fig. 56

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

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



Fig. 57

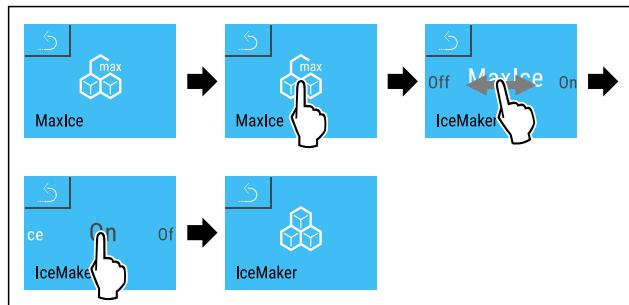


Fig. 58

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

## Deactivating the IceMaker and MaxIce



Fig. 59

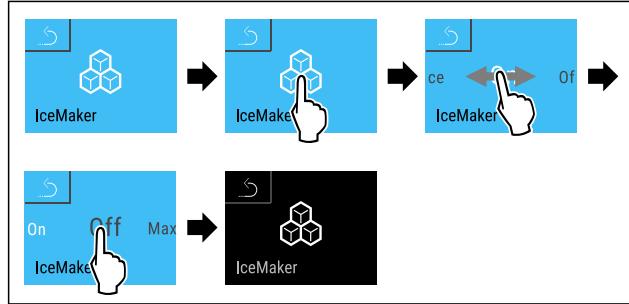


Fig. 60 Example illustration of the active IceMaker function

- ▶ Carry out action steps according to the illustration.

-or-

- ▶ Deactivate with the SmartDevice app.
- ▶ IceMaker and MaxIce are deactivated.
- ▶ If ice cubes are currently being made, the system completes the process.
- ▶ The IceMaker goes off automatically.

## Deactivating MaxIce

- ▶ Activate the IceMaker. (see Activating IceMaker )
- ▶ MaxIce is deactivated.
- ▶ IceMaker is activated.
- ▶ To deactivate the IceMaker and MaxIce: (see Deactivating the IceMaker and MaxIce)



## IceMaker 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:

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



Fig. 61

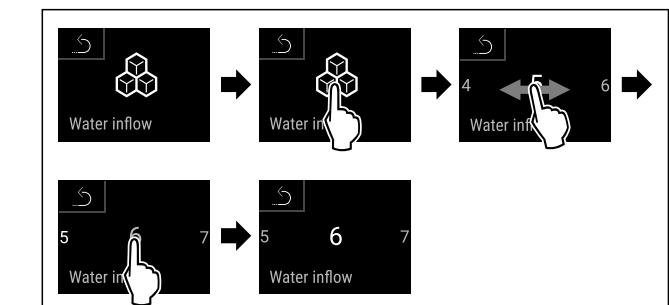


Fig. 62 Example illustration: Switch from value 5 to value 6.

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



## TubeClean

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

## Activating TubeClean

Make sure that the following requirements are fulfilled:

- IceMaker cleaning is prepared. (see 9.8.5 Cleaning the IceMaker)
- Empty container with a capacity of 1.5 l and with a maximum height of 10 cm is ready.
- ▶ Place the container in the drawer under the IceMaker.



# Controls

Fig. 63

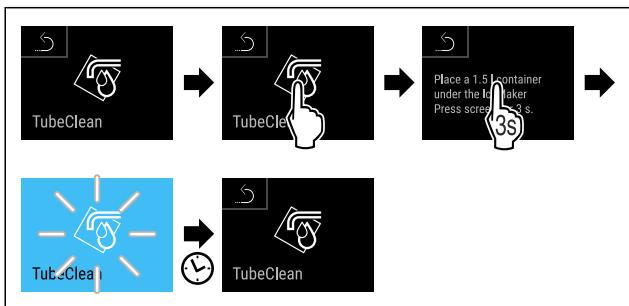


Fig. 64

- ▶ Carry out action steps according to the illustration.
- ▶ TubeClean is activated.
- ▶ The cleaning process has started: Icon flashes until the cleaning process is automatically completed after 60 minutes.
- ▶ When the cleaning process is complete: The device continues to run in normal mode.

## Deactivating TubeClean

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

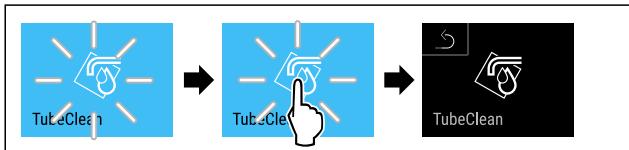


Fig. 65

- ▶ Carry out action steps according to the illustration.
- ▶ TubeClean is deactivated: Cleaning process is aborted.
- ▶ The device continues to run in normal mode.



## CleaningMode

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

This setting applies to the fridge section.

### Application:

- Clean the fridge section. (see 9.8 Cleaning the appliance)

### Device status when CleaningMode is active

The status display shows CleaningMode permanently.

The fridge section is switched off.

Interior lighting is activated.

The reminders and warnings are not displayed. No signal tone sounds.

### Device status

## Activating CleaningMode



Fig. 66

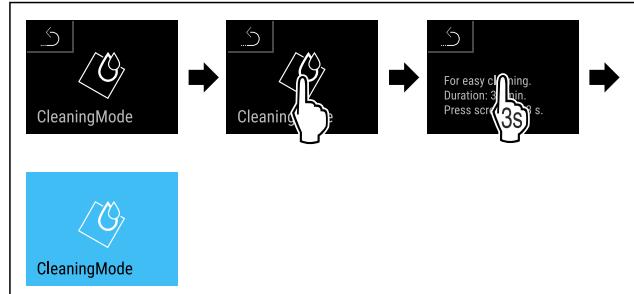


Fig. 67

- ▶ Carry out action steps according to the illustration.
- ▶ CleaningMode is activated.
- ▶ The status display shows CleaningMode permanently.

## Deactivating CleaningMode

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



Fig. 68

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



## Display brightness

Use this function to set the display brightness in stages.

You can select the following brightness levels:

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

## Setting the brightness



Fig. 69

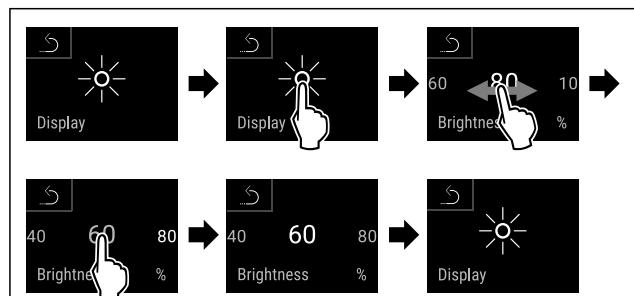


Fig. 70 Example illustration: Switch from 80 % to 60 %.

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

## H 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. 71

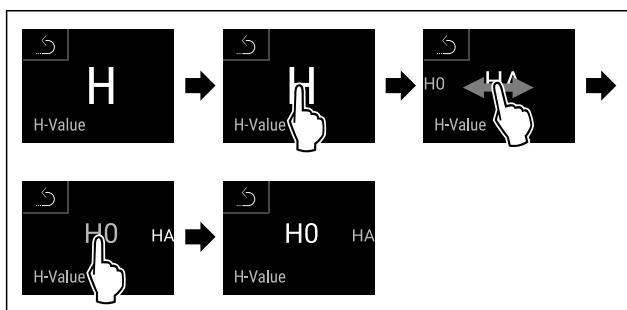


Fig. 72 Example illustration: Switch from HA to HO.

- 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

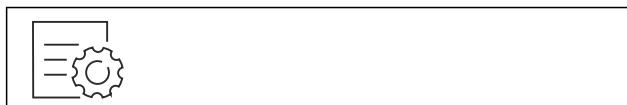


Fig. 73

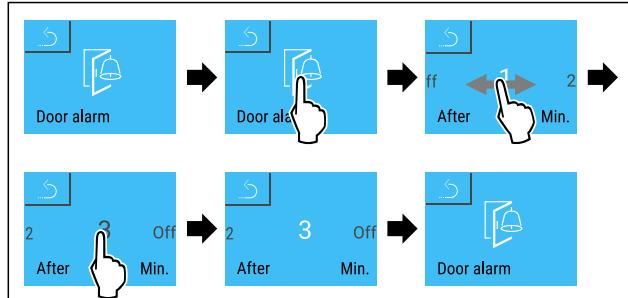


Fig. 74 Example illustration: Change door alarm from 1 minute to 3 minutes.

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

### Deactivating the door alarm



Fig. 75

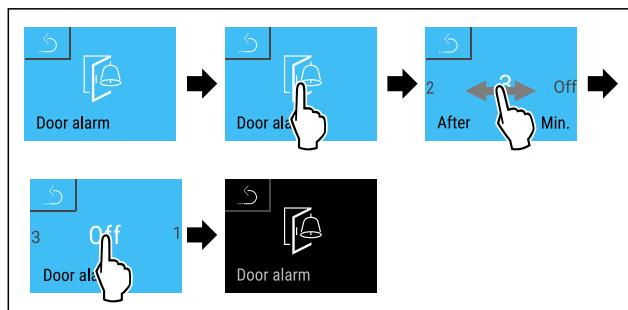


Fig. 76

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



## Child lock

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

Application:

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

### Activating the child lock

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



Fig. 77

# Controls

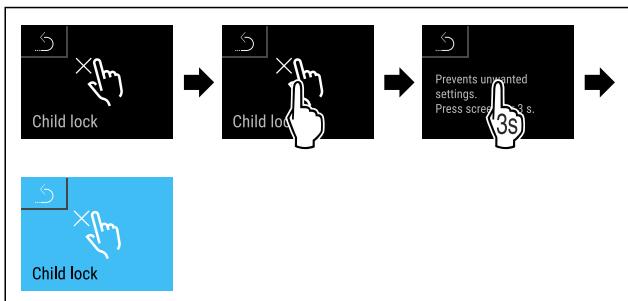


Fig. 78

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

## Deactivating the child lock



Fig. 79

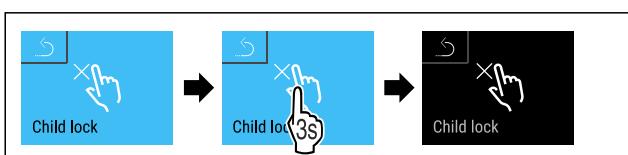


Fig. 80

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

## Language

Use this function to set the display language.

You can select the following languages:

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

## Setting the language



Fig. 81

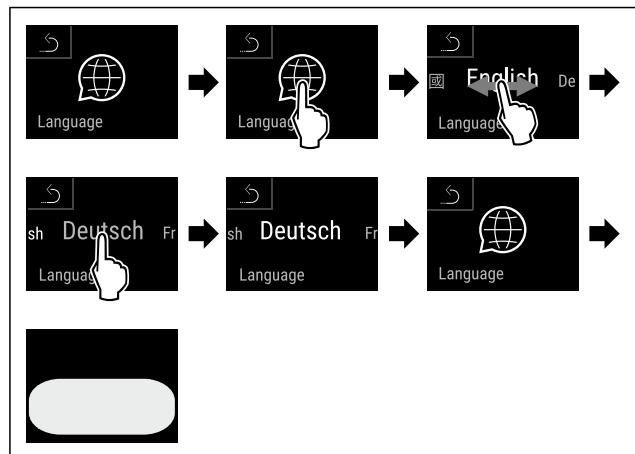


Fig. 82 Example illustration depending on the language and temperature

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

## Appliance and software information

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

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

## Indicating the device information



Fig. 83



Fig. 84

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

## Displaying software information



Fig. 85

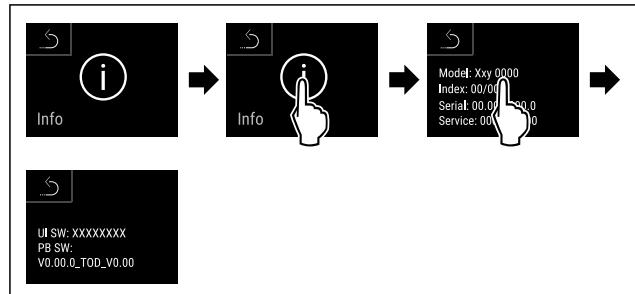


Fig. 86

- ▶ 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. 87



Fig. 88

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

### Deactivating the reminder



Fig. 89

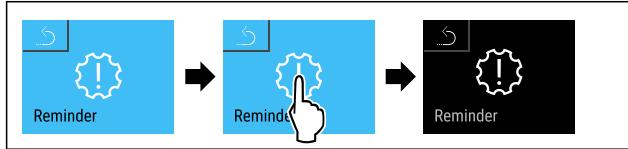


Fig. 90

- 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. 91

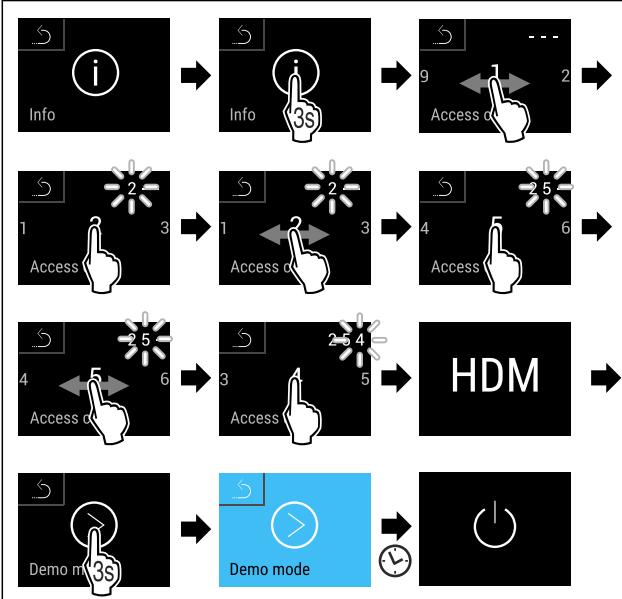


Fig. 92

- 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. 93

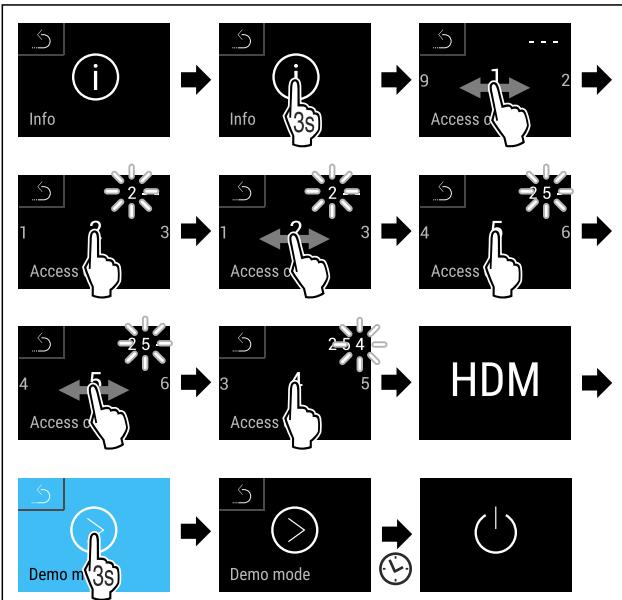


Fig. 94

- 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.

# Controls



## 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

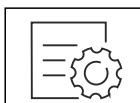


Fig. 95

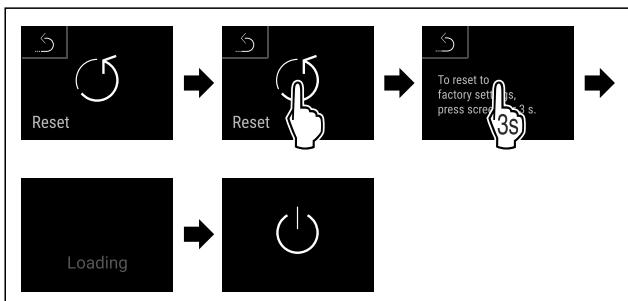


Fig. 96

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

## 7.3 Messages

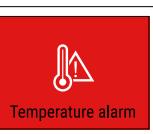
There are two categories of messages:

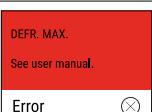
Category	Importance
Warning	Warnings appear in the event of malfunctions. Simple warnings can be cancelled by yourself. In the event of serious malfunctions, you must contact customer service. (see 10.4 Customer Service)
Reminder	Reminders remind you of general processes. You can carry out these operations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

### 7.3.1 Overview of warnings

Behaviour of the appliance in the event of warnings:

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

Message	Cause	Exit the message
	The message appears if the temperature has risen due to a power failure.	Carry out action steps.
	The message appears if the temperature in the appliance does not correspond to the set temperature.	Carry out action steps.

Message	Cause	Exit the message
	The message appears if there is an appliance error. A component of the appliance has a fault.	Carry out action steps. (see 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)
	The message appears if the connection to the home network is interrupted. The message only appears during the initial setup.	Carry out action steps.
	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)

### 7.3.2 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.

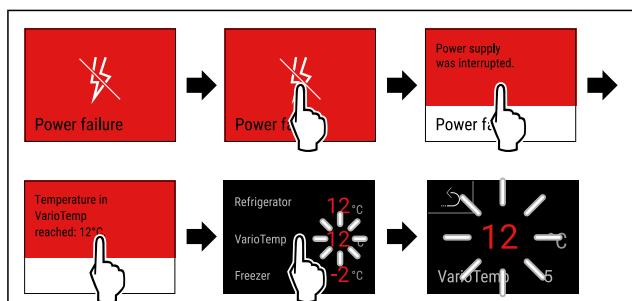


Fig. 97 Example illustration

- ▶ 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.

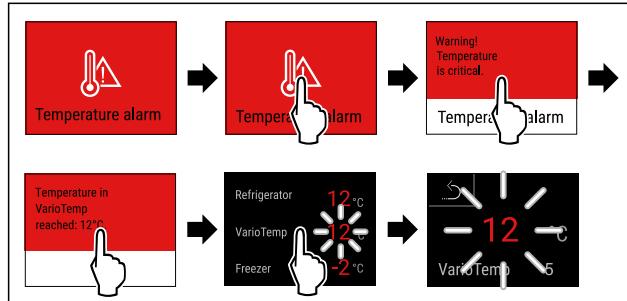


Fig. 98 Example illustration

- 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

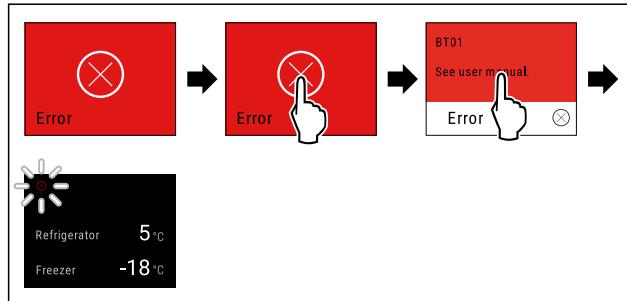


Fig. 99 Example illustration

- 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)

## 7.3.3 Overview of reminders

Behaviour of the appliance during reminders:

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

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

- Replace the FreshAir activated carbon filter

Message	Cause	Exit the message
	The message appears if the IceMaker is activated but the IceMaker is not being supplied with water via the fixed water connection.	Carry out action steps. (see Check the water connection)
	The message appears if the IceMaker is activated but the IceMaker drawer is open.	Carry out action steps. (see Insert the IceMaker drawer)
	The message appears when the FreshAir activated carbon filter needs to be replaced.	Carry out action steps. (see Replace the FreshAir activated carbon filter)
	The message appears if the door is open for too long.	Carry out action steps. (see Door alarm)

## 7.3.4 Ending reminders

### Check the water connection

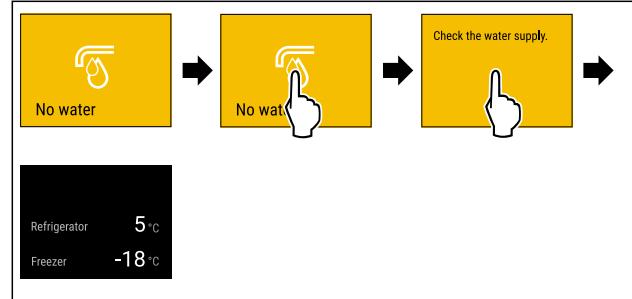


Fig. 100 Example illustration

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

If water connection is checked and IceMaker is activated:

- Clean the IceMaker. (see 9.8.5 Cleaning the IceMaker)
- IceMaker produces ice cubes.

### Insert the IceMaker drawer

- Insert the IceMaker drawer.
- or-
- Deactivate IceMaker. (see IceMaker / MaxIce)

If IceMaker drawer is inserted and IceMaker is activated:

- IceMaker produces ice cubes.

# Features

## 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).

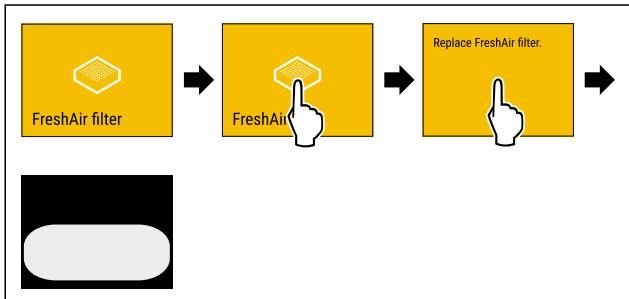


Fig. 102 Example illustration

- 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

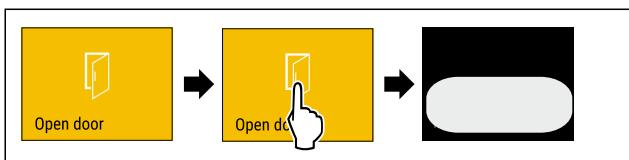


Fig. 103

► 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)

## 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.

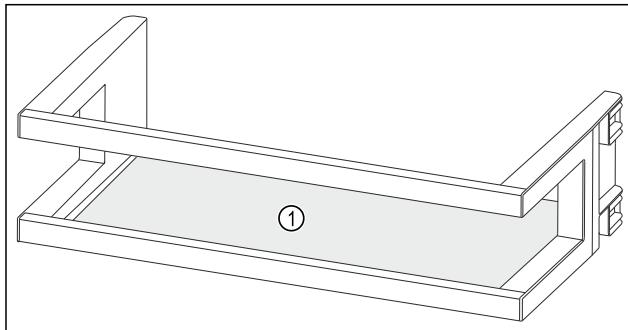


Fig. 104 Example illustration, Door rack

(1) Shelf

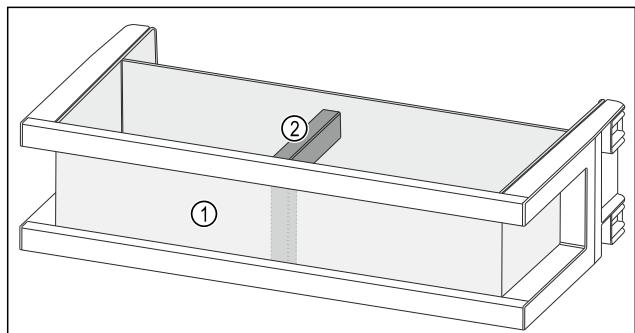


Fig. 105 Example illustration, Door rack with organiser and bottle holder

(1) Organiser

(2) Bottle holder

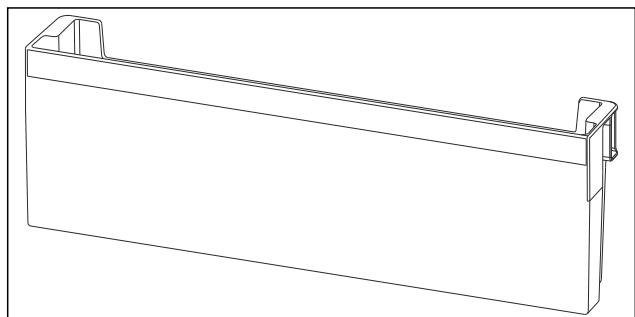


Fig. 106 Example illustration, Door rack

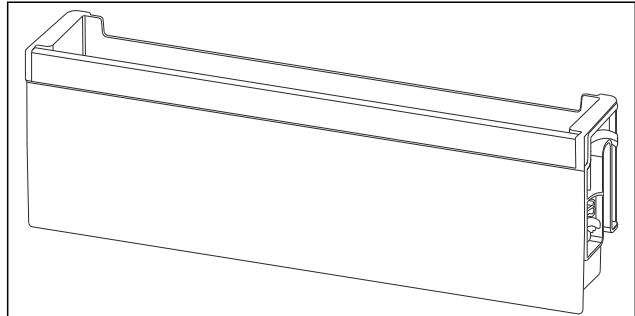


Fig. 107 Example illustration, fold-down door racks

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. 104)	Butter, cheese, tinned food, large containers
Door rack with organiser and bottle holder (see Fig. 105)	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. 106)	small food items and packages, tubes, cosmetics
Fold-down door rack (see Fig. 107)	small food items and packages, tubes, cosmetics

## 8.1.1 Removing the door rack

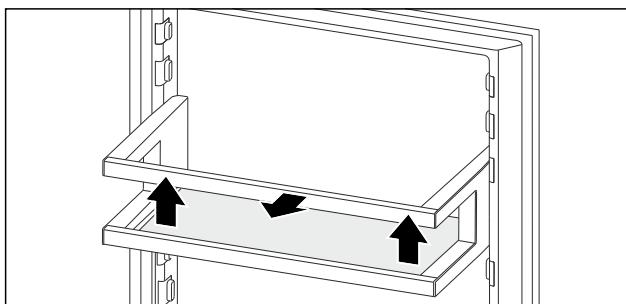


Fig. 108 Example illustration

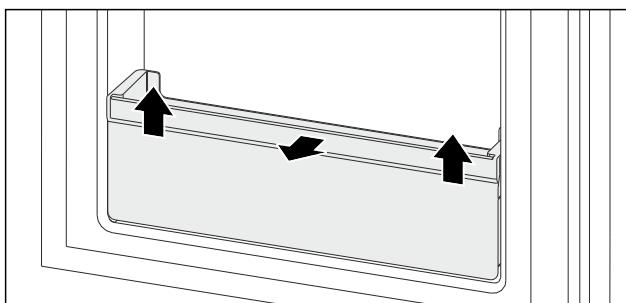


Fig. 109 Example illustration

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

## 8.1.2 Inserting the door rack

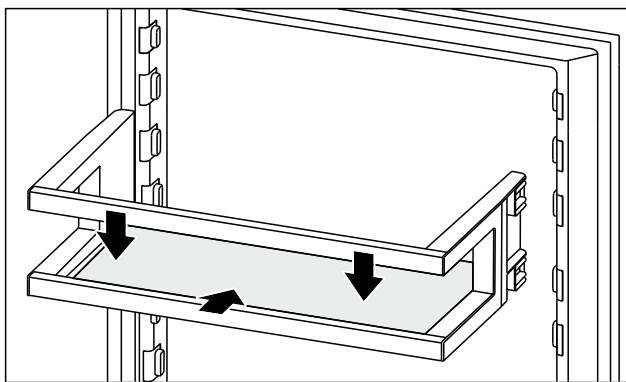


Fig. 110 Example illustration

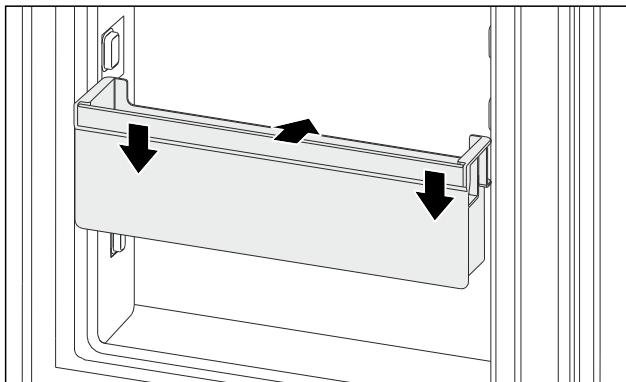


Fig. 111 Example illustration

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

## 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.

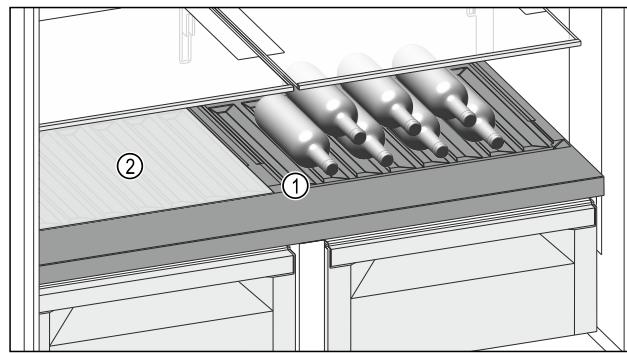


Fig. 112 Example illustration

(1) Variable bottle rack      (2) Glass shelf

## 8.2.1 Using the variable bottle rack

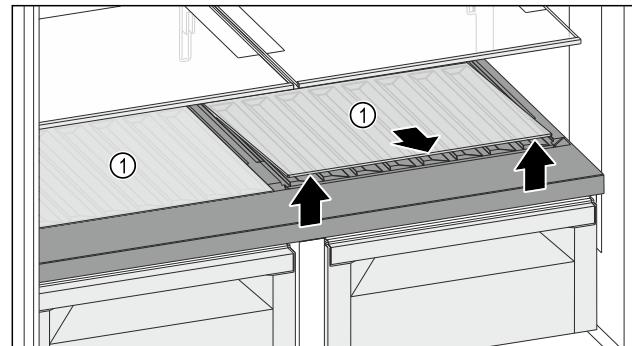


Fig. 113

- Lift one or both glass shelves Fig. 113 (1) at the front and remove.
- Store the glass shelf(shelves) Fig. 113 (1) in a secure place outside the appliance.

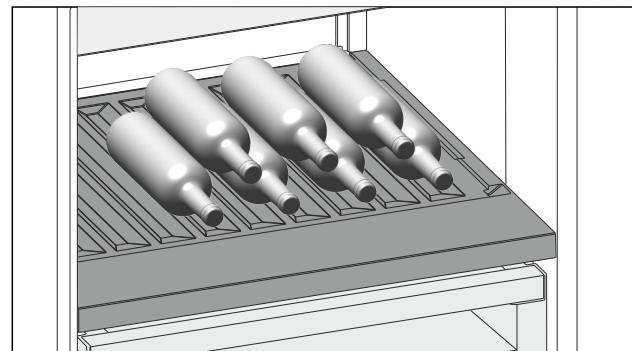


Fig. 114

- Place bottles in the back row with their bases against the back wall. (see Fig. 114)

### 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

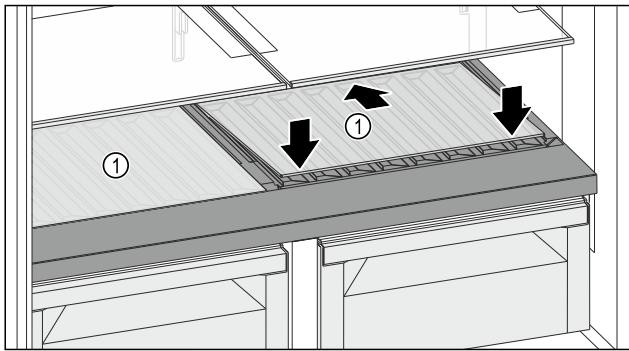


Fig. 115

- ▶ Place the glass shelf Fig. 115 (1) at an angle, sloping it downwards and backwards.
- ▶ Lower the glass shelf Fig. 115 (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 inside the appliance.
- ▶ Always keep the inside vents at the rear wall clear.

### 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

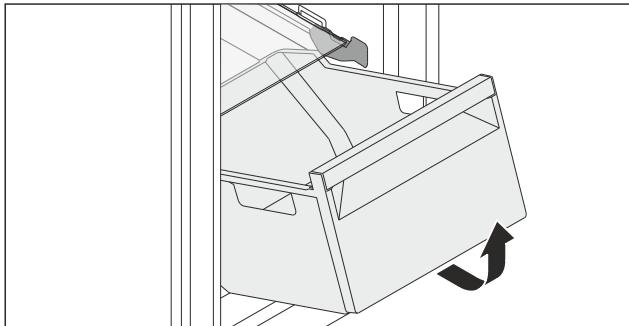


Fig. 116

- ▶ Remove drawer as shown in the illustration.

#### Inserting drawer

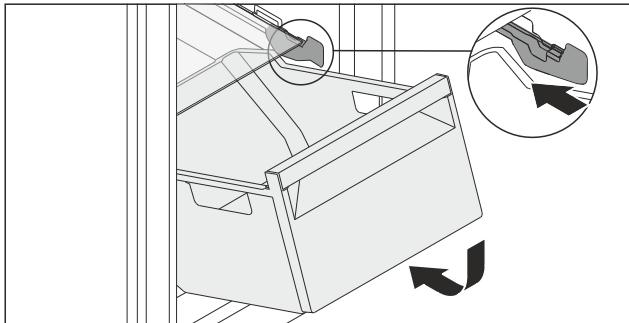


Fig. 117

- ▶ 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°.

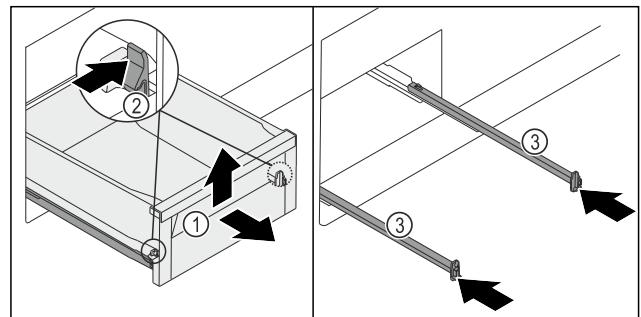


Fig. 118

- ▶ Pull the drawer Fig. 118 (1) out as far as it will go.
- ▶ Press the left and right clamp Fig. 118 (2) inwards at the same time.
- ▶ Drawer Fig. 118 (1) detaches from the rails.
- ▶ Lift up the drawer Fig. 118 (1) forwards.
- ▶ Remove the drawer Fig. 118 (1) forwards.
- ▶ Push in the rails Fig. 118 (3).

#### Inserting the drawer

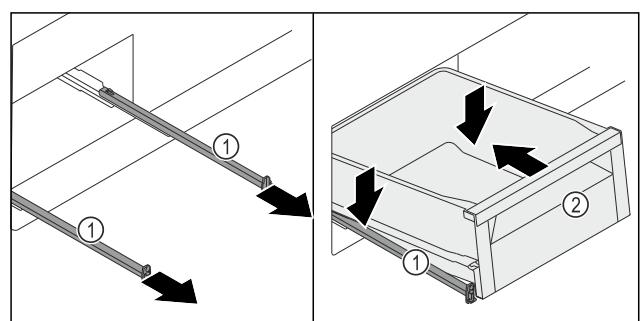


Fig. 119

- ▶ Pull out the rails Fig. 119 (1).
- ▶ Hold the rails Fig. 119 (1) firmly and place the drawer Fig. 119 (2) diagonally on the rails Fig. 119 (1) from above.
- ▶ Slide the drawer Fig. 119 (2) backwards on the rails Fig. 119 (1) as far as it will go.

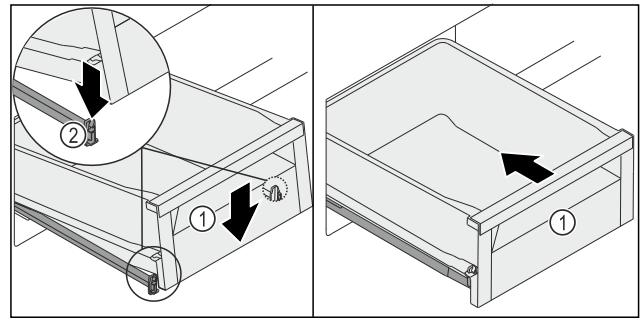


Fig. 120

- ▶ Lower the drawer Fig. 120 (1) at the front so that the drawer slides into the clamp Fig. 120 (2) on the left and right.
- ▶ The drawer Fig. 120 (1) locks in audibly.
- ▶ Push in the drawer Fig. 120 (1).

## 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.

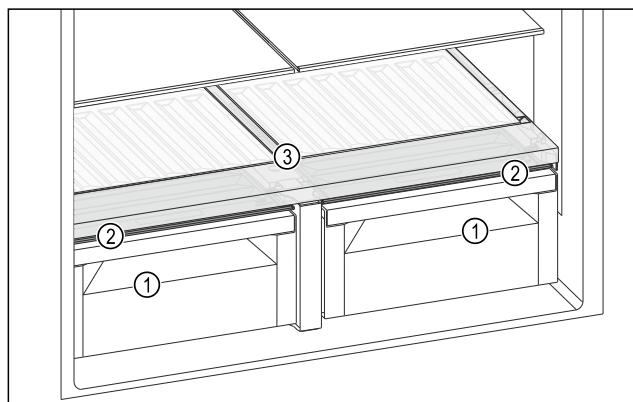


Fig. 121 Example illustration, compartment lid for BioFresh Safe

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

### 8.4.1 Reducing the air humidity in the drawer

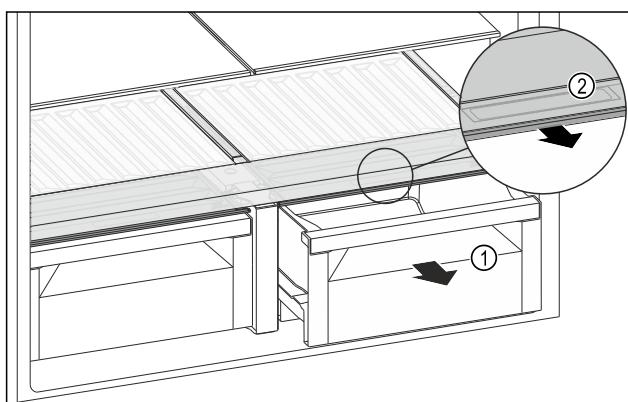


Fig. 122

- ▶ Pull out the drawer Fig. 122 (1).
- ▶ Grasp the recessed grip Fig. 122 (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.

### 8.4.2 Increasing the air humidity in the drawer

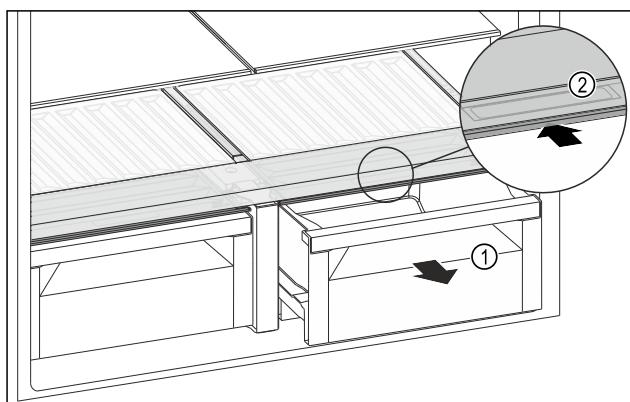


Fig. 123

- ▶ Pull out the drawer Fig. 123 (1).
- ▶ Grasp the recessed grip Fig. 123 (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.

## 8.5 Glass shelves

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

### 8.5.1 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

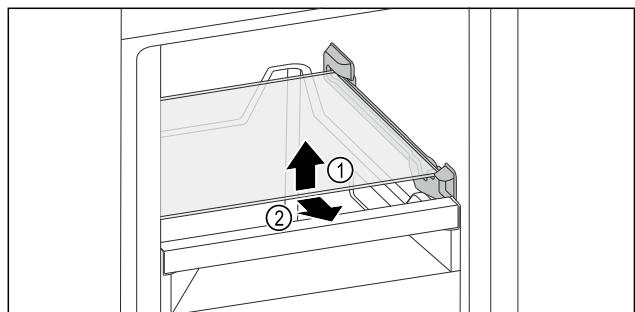


Fig. 124 Example illustration, glass shelf

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

#### Inserting glass shelf

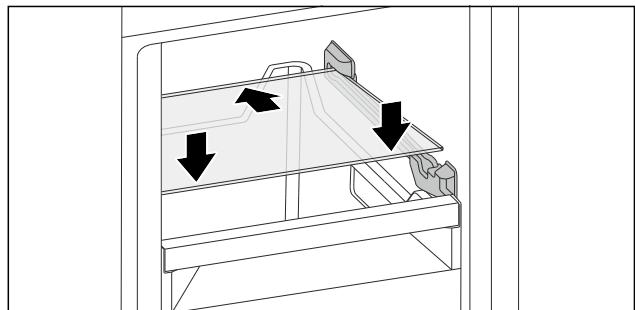


Fig. 125 Example illustration, glass shelf

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

# Maintenance

## 8.6 IceMaker

The IceMaker will produce ice cubes for household use only.

Ensure that the following conditions are met:

- The IceMaker is clean. (see 9 Maintenance)
- IceMaker drawer is cleaned.
- IceMaker drawer is fully inserted.

### 8.6.1 Producing ice cubes

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

After the IceMaker is turned on for the first time, it can take up to 24 hours for the first ice cubes to be made.

- Activate the IceMaker function.
- Producing many ice cubes: Activate the MaxIce function.
- Distribute the ice cubes evenly in the drawer to increase the capacity.
- Closing the drawer: IceMaker starts making ice cubes again automatically.

#### Note

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

## 8.7 Egg rack

You can pull out and turn the egg rack. You can use both sides of the egg rack so you can label specifics like the purchase date.

### 8.7.1 Using the egg rack

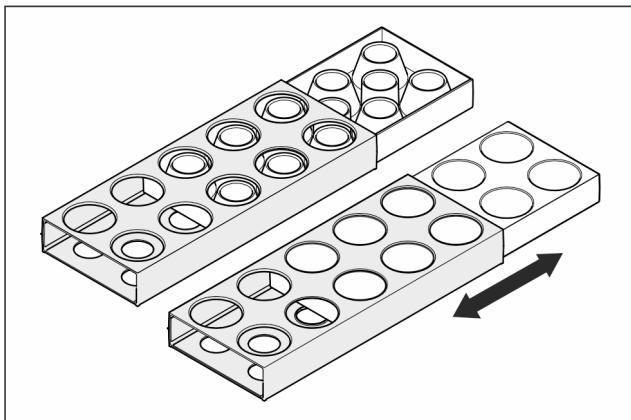


Fig. 126

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

## 8.8 Bottle holder

### 8.8.1 Using the bottle holder

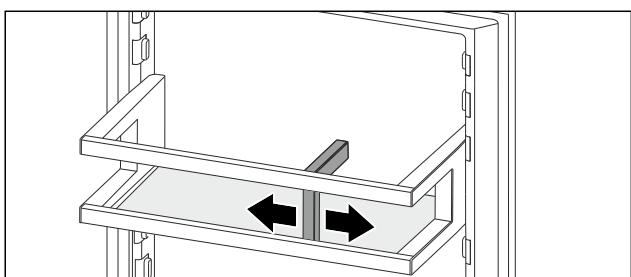


Fig. 127

- 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

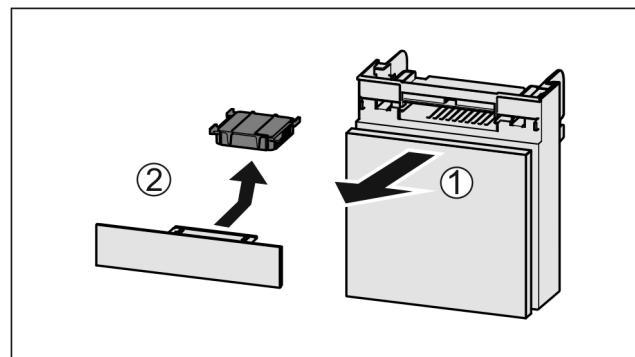


Fig. 128

- Pull out the compartment Fig. 128 (1).
- Remove the carbon filter Fig. 128 (2).

### 9.1.2 Inserting the FreshAir carbon filter

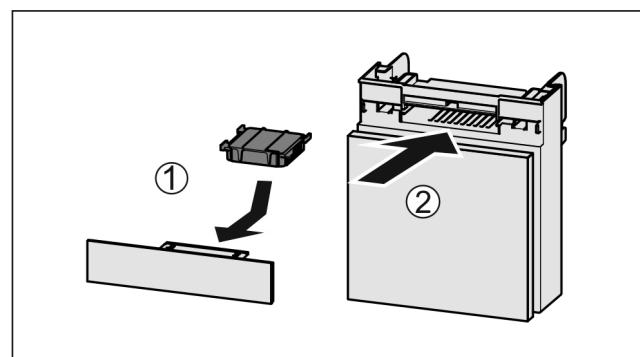


Fig. 129

- Insert the carbon filter as shown in the diagram Fig. 129 (1).
- The carbon filter clicks into place.  
If the carbon filter is pointing downwards:  
► Push the compartment in Fig. 129 (2).
- The carbon filter is now ready for use.

## 9.2 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.

## 9.2.1 Dismantling the door rack

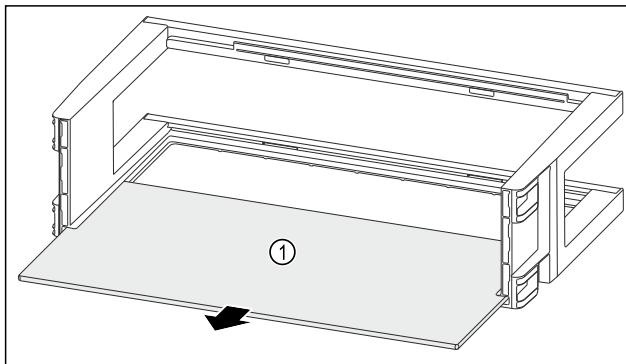


Fig. 130

- Remove the shelf Fig. 130 (1).

## 9.2.2 Dismantling the door rack with organiser and bottle holder

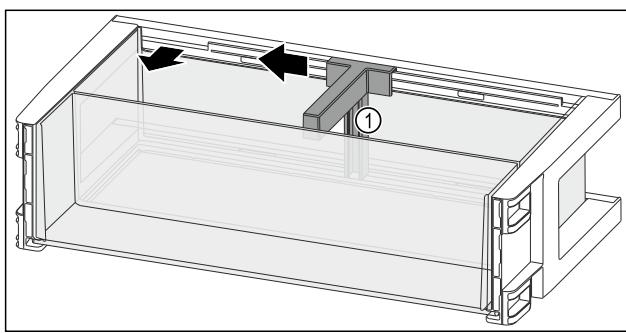


Fig. 131

- Slide the bottle holder Fig. 131 (1) to the side as far as the recess.
- Remove the bottle holder Fig. 131 (1).

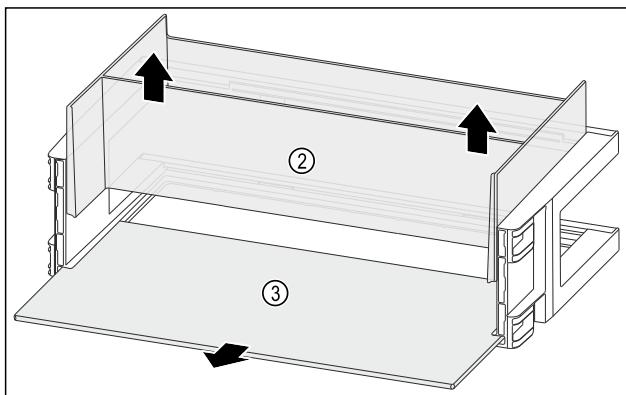


Fig. 132

- Remove the organiser Fig. 132 (2) upwards.
- Remove the shelf Fig. 132 (3).

## 9.2.3 Dismantling the fold-down door rack

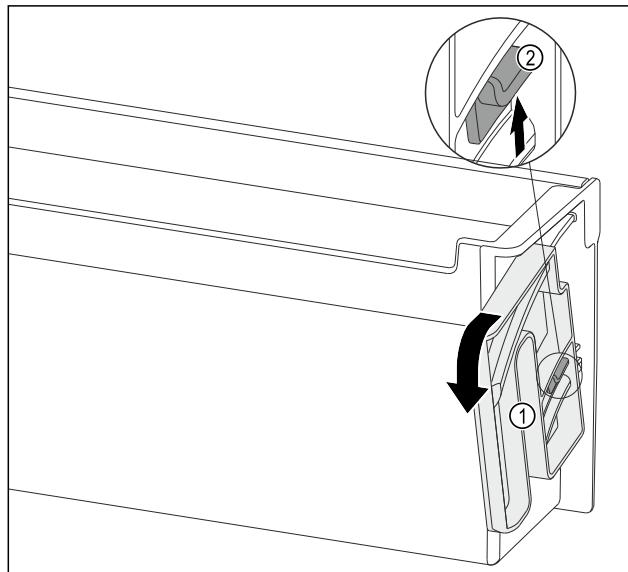


Fig. 133

- Turn the turning unit Fig. 133 (1) in the specified direction to the end stop.
- Press the tab Fig. 133 (2) up and remove the turning unit Fig. 133 (1).

## 9.3 Assembling the door rack

### 9.3.1 Assembling the door rack

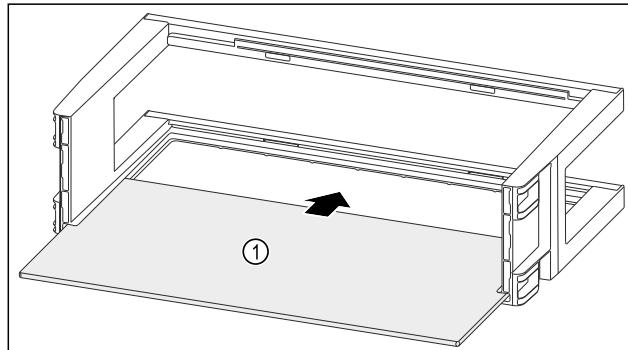


Fig. 134

- Push the shelf Fig. 134 (1) into the side recesses.

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

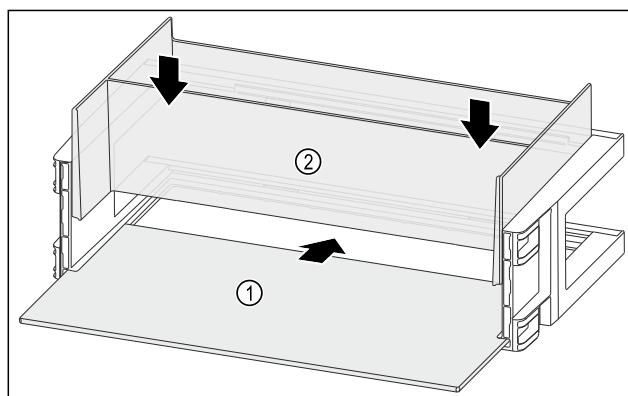


Fig. 135

- Push the shelf Fig. 135 (1) into the side recesses.
- Insert the organiser Fig. 135 (2).

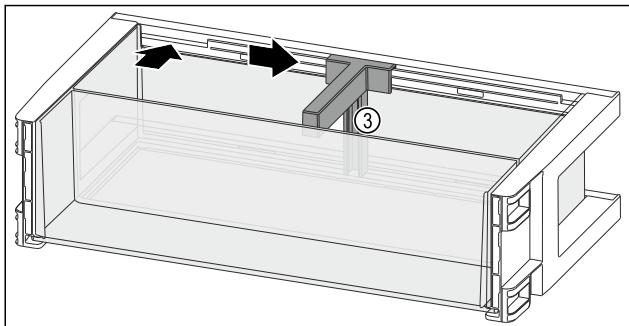


Fig. 136

- Insert the bottle holder Fig. 136 (3) in the recess.
- Push the bottle holder Fig. 136 (3) to the desired position to the side.

### 9.3.3 Assembling the fold-down door rack

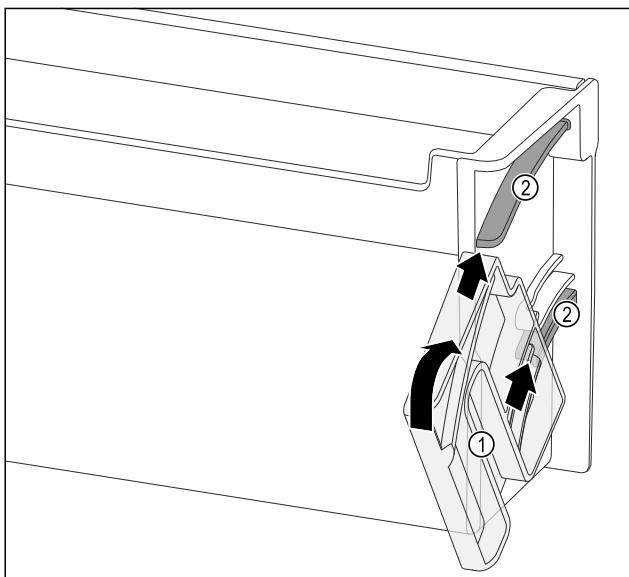


Fig. 137

- Position the turning unit Fig. 137 (1) so that the recesses are exactly opposite the guide channels Fig. 137 (2) of the door rack.
- Turn the turning unit Fig. 137 (1) towards the specified direction.

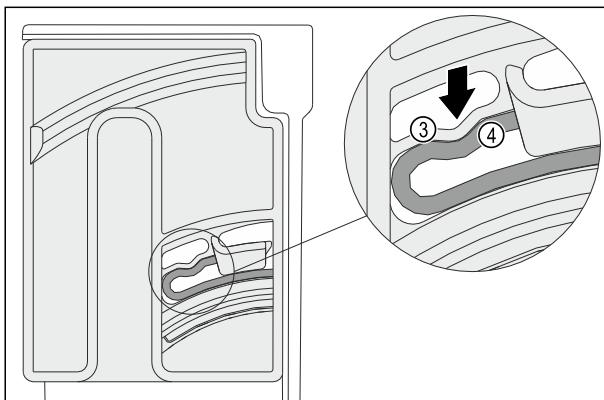


Fig. 138

- The elastic element Fig. 138 (3) of the turning unit audibly engages in the round shape of the rib Fig. 138 (4).

## 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

## 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)

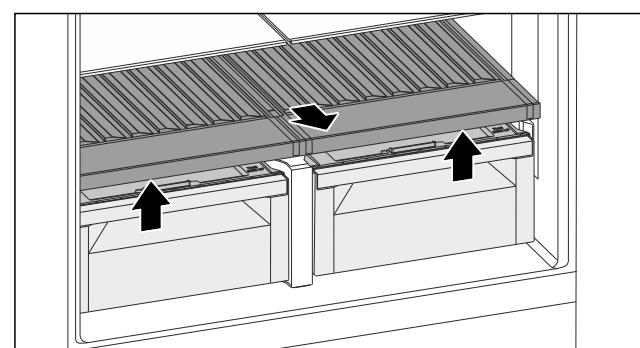


Fig. 139

- 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

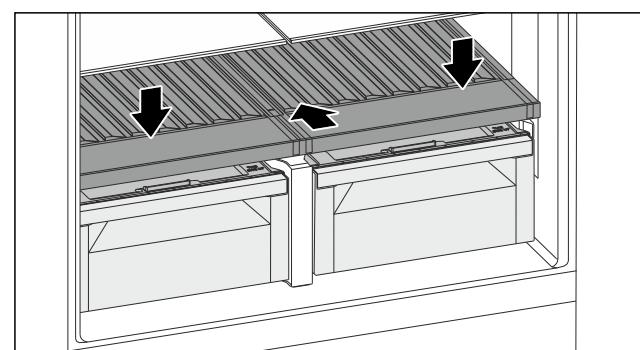


Fig. 140

- 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)
- or-
- 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)

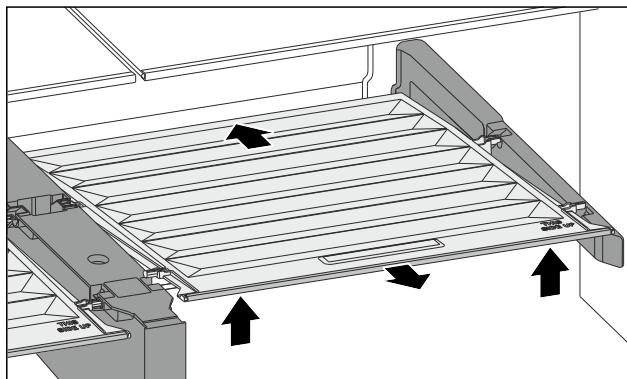


Fig. 141

- 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

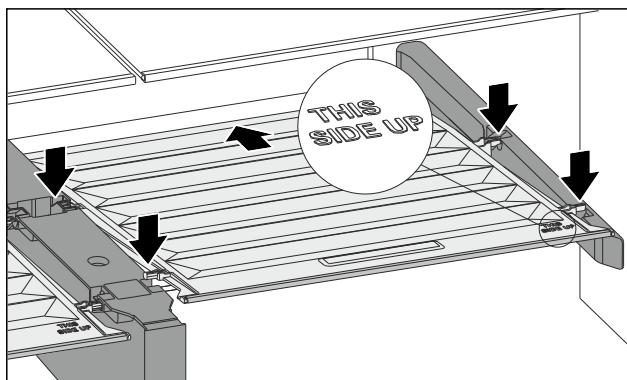


Fig. 142

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.

# Customer help

► 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

Please note: Do not remove the magnet on the drawer. The magnet ensures the functionality of the IceMaker.

- Adjustable bottle shelf

### Clean with a damp cloth:

- Retractable rails

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

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

- Door rack
- Bottle rack
- Holder of the dividing shelf
- Egg rack
- Ice cube scoop

► To disassemble components: see the relevant section.

► Clean the components.

## 9.8.5 Cleaning the IceMaker

There are various options for cleaning the IceMaker.

Cleaning is required in the following cases:

- Initial operation
- With mains connection:  
If out of use for more than 5 days.

Ensure that the following conditions are met:

- IceMaker drawer is emptied.
- IceMaker drawer is in place.
- The IceMaker is activated.

### First use or after a long period of non-use

Clean the IceMaker with the TubeClean function.

► Put an empty 1.5 l vessel (max. height 10 cm) in the drawer under the IceMaker.

► Activate the TubeClean function.

► The rinse process is prepared (max. 60 min.): Symbol flashes.

► Water pipes are rinsed: Symbol flashes.

► Rinsing process is complete: Function turns off automatically.

► Remove the IceMaker drawer and remove the container.

► Clean the IceMaker drawer with warm water and a little detergent.

► Push the IceMaker drawer in.

► The system starts making ice cubes automatically.

Without a water filter

► Dispose of any ice cubes that were made 24 hours after the first ice cubes.

### If cleaning is required

Clean the IceMaker by hand.

► Remove the IceMaker drawer and clean with warm water and a little detergent.

► Push the IceMaker drawer in.

► The system starts making ice cubes automatically.

## 9.8.6 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	
Cooling	3 °C to 9 °C
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	12 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

Ice cube production with IceMaker	
Ice cube production / 24 hours	At temperature -18 °C: 1.2 kg ice cubes
maximum ice cube production / 24 hours	With MaxIce function activated: 1.4 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

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

Noise	Possible cause	Type of noise	Type of noise
Rattling or humming	Valves or flaps are working.	Normal switching noise	Normal switching noise
Noise	Possible cause	Type of noise	Lifting
Vibration	Improper setup	Defective noise	Level the appliance using the adjustable feet.
Rattling	Components, items inside the appliance	Defective noise	Secure components. Leave enough space between the items.

## 10.3 Technical fault

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

You can fix the following faults yourself.

### 10.3.1 Appliance function

Defect	Cause	Remedy
The appliance is not working.	→ The appliance is not switched on.	► Switch the appliance on.
	→ 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 temperature shown on the	→ Appliance door was open for a long time and the door alarm was triggered.	► Close appliance door.

# Customer help

Defect	Cause	Remedy
<b>display is higher than the actual temperature in the appliance.</b>	gered automatically. This causes the appliance to cool more vigorously.	
<b>The door seal is defective or needs to be replaced for another reason.</b>	→ The door seal can be replaced. It can be replaced without the need for special tools.	► Contact Customer Service. (see 10.4 Customer Service)
<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>You cannot activate the IceMaker.</b>	→ The appliance and therefore the IceMaker are not connected.	► Connect the appliance (see the Installation Guide).
<b>The IceMaker is not producing ice cubes.</b>	→ The IceMaker is not on.	► Activate the IceMaker.
	→ The drawer of the IceMakers is not connected properly.	► Push the drawer in correctly.
	→ The water connection is not open.	► Open the water connection.
<b>The internal light does not come on.</b>	→ The appliance is not switched on.	► Switch the appliance on.
	→ 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

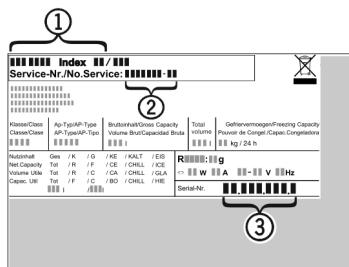


Fig. 143

(1) Appliance description      (3) Serial no.  
 (2) Service no.

- Note the data on the model plate.

## 11 Shutting down

- Empty the appliance.
- 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

Ensure that the following requirements are met:

- Meaning of the symbols on the appliance: are familiar. (see 1.14 Symbols on the appliance)
- Notes on disposal are familiar. (see 1.8 Disposal)

### 12.1 Preparing the appliance for disposal

- Shutting your appliance down. (see 11 Shutting down)

### 12.2 Disposing of the appliance in an environmentally friendly manner

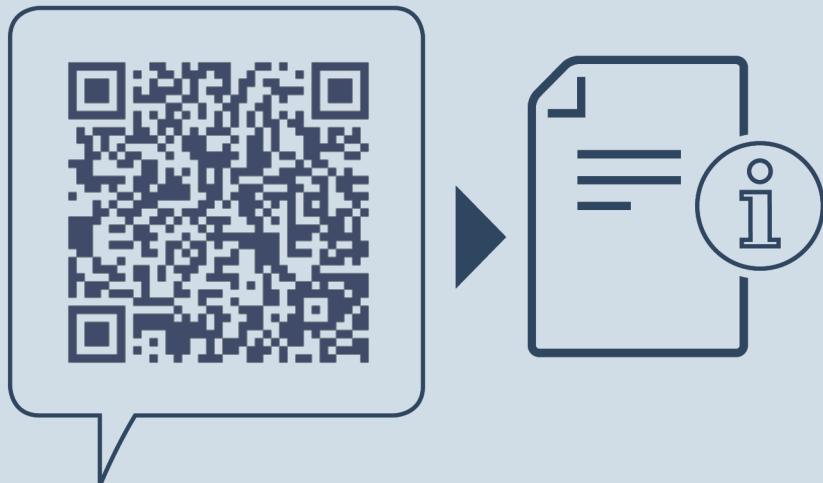


#### WARNING

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.
- Remove the appliance without damaging it.
- Dispose of appliance according to specifications.



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

**EN**    fridge/freezer with BioFresh

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