



User Guide

Quality, Design and Innovation



home.liebherr.com/fridge-manuals

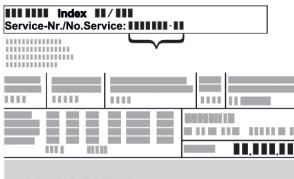


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Contents

	1 Safety information and warnings.....	3	EnergySaver	14
	1.1 Intended use.....	3	CleaningMode.....	15
	1.2 Climate classes.....	3	Display brightness.....	15
	1.3 User group.....	3	Door alarm.....	15
	1.4 Installation and commissioning.....	3	Input lock.....	16
	1.5 Safe handling of the appliance.....	4	Language.....	16
	1.6 Cleaning.....	4	Device information.....	17
	1.7 Faults, damage and repairs.....	4	Software.....	17
	1.8 Disposal.....	4	Reminder.....	17
	1.9 Conformity.....	4	Demo mode.....	17
	1.10 SVHC substances in accordance with the REACH Regulation.....	4	Resetting to factory settings.....	18
	1.11 EPREL database.....	4	Messages.....	19
	1.12 Open source licences.....	4	Overview of warnings.....	19
	1.13 Spare parts.....	5	Ending warnings.....	19
	1.14 Symbols on the appliance.....	5	Overview of reminders.....	19
	1.15 Warning levels.....	5	Ending reminders.....	19
	2 Appliance at a glance.....	5	8 Features.....	20
	2.1 Scope of delivery.....	5	4-star freezer compartment*.....	20
	2.2 Overview of appliances and equipment.....	5	Door rack.....	20
	2.3 SmartDevice.....	5	Shelves.....	21
	3 Functionality of the Touch & Swipe display.....	6	Dividing shelf.....	22
	3.1 Navigation and symbol explanation.....	6	VarioSafe *.....	22
	3.2 Menus.....	6	Adjustable bottle shelf.....	24
	3.3 Sleep mode.....	7	Drawers.....	25
	4 Putting into operation.....	7	Compartment lid for Fruit & Vegetable Safe.....	26
	4.1 Switching on appliance (first use).....	7	Butter dish.....	26
	5 Storage.....	7	Egg rack.....	27
	5.1 Information regarding storage.....	8	Bottle holder.....	27
	5.2 Fridge compartment.....	8	FlexSystem.....	27
	5.3 BioFresh.....	8	Ice cube tray with cover*.....	28
	5.4 ****-freezer compartment*.....	8	9 Maintenance.....	28
	5.5 Storage times.....	8	FreshAir carbon filter.....	28
	6 Saving energy.....	9	Dismantling the door rack.....	28
	7 Controls.....	9	Assembling the door rack.....	29
	7.1 Controls and displays.....	9	Disassembling / assembling pull-out systems.....	29
	7.1.1 Status display.....	9	Removing / inserting the variable bottle rack.....	29
	7.1.2 Display symbols.....	10	Compartment lid for Fruit & Vegetable Safe.....	30
	7.2 Appliance functions.....	10	Defrosting the appliance.....	30
	7.2.1 Notes on the appliance functions.....	10	Defrosting the freezer compartment manually*....	30
	Switching the appliance off and on.....	10	Cleaning the appliance.....	31
	WiFi.....	10	10 Customer help.....	31
	Temperature.....	11	10.1 Technical specifications.....	31
	Temperature unit.....	12	10.2 Operating noises.....	32
	BioFresh B-Value	12	10.3 Technical fault.....	32
	C-Value*.....	12	10.4 Customer Service.....	33
	D-Value.....	12	10.5 Model plate.....	33
	SuperCool.....	12	11 Shutting down.....	33
	PartyMode	13	12 Disposal.....	34
	HolidayMode.....	13	12.1 Preparing the appliance for disposal.....	34
	SabbathMode.....	14	12.2 Disposing of the appliance in an environmentally friendly manner.....	34

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

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

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

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

Further uses:

- This appliance is not suitable for freezing food.*

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.

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

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 install and connect the appliance in accordance with the instructions in the user information.
- Install the appliance according to the instructions in the user information to prevent the appliance from tipping over.
- Do not close the ventilation openings in the appliance housing or in the installation housing.
- 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.

Safety information and warnings

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.

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. When installed, 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

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

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

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

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

- Built-in appliance
- Features (depending on the model)
- Installation materials (depending on the model)
- "Quick Start Guide"
- "Installation Guide"*
- Service Brochure

2.2 Overview of appliances and equipment

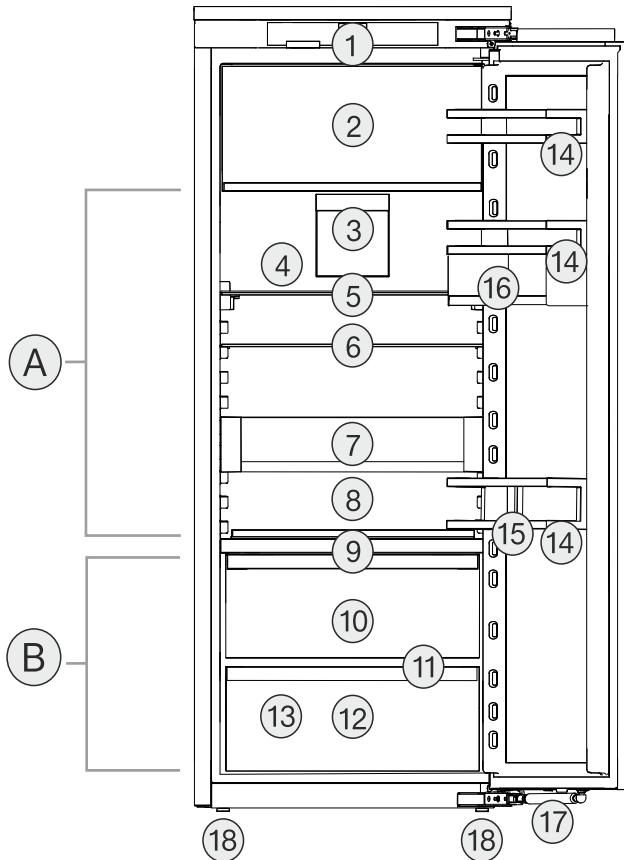


Fig. 1 Example illustration

Temperature range

(A) Fridge compartment **(B)** BioFresh

Equipment

(1) Controls	(10) Fruit & Vegetable safe
(2) 4-star freezer compartment*	(11) Drain hole
(3) Fan with FreshAir activated charcoal filter	(12) Meat & Dairy safe
(4) Dry rear panel	(13) Type plate
(5) Divisible storage shelf	(14) Door shelf
(6) Storage shelf	(15) Bottle holder
(7) VarioSafe*	(16) VarioBoxes*
(8) Variable bottle shelf	(17) Soft-closing mechanism
(9) Lid for Fruit & Vegetable safe	(18) Adjusting feet

2.3 SmartDevice

SmartDevice is the networking solution for your refrigerator. 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

Functionality of the Touch & Swipe display

Downloading the SmartDevice app:



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

Note

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

3 Functionality of the Touch & Swipe display

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

3.1 Navigation and symbol explanation

In the illustrations, different symbols are used to navigate the display. The following table describes these symbols.

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

Symbol	Description
	"Open Settings menu" symbol: Navigates to the Settings menu and opens the settings menu. If necessary: Navigate to the desired function in the Settings menu. (see 3.2.1 Opening the Settings menu)
	"Open Advanced menu" symbol: Navigates to the Advanced menu and opens the advanced menu. If necessary: Navigate to the desired function in the Advanced menu. (see 3.2.2 Opening the expanded menu)
No action for 10 seconds	If you do not perform any action on the display for 10 seconds, the display either jumps back to the higher-level menu or directly to the status display.
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 menu	The Settings menu contains additional appliance functions for setting up your appliance.
Advanced menu	The advanced menu contains special appliance functions for setting up your appliance. Access to the Advanced menu is protected by the numerical code 151 .

3.2.1 Opening the Settings menu

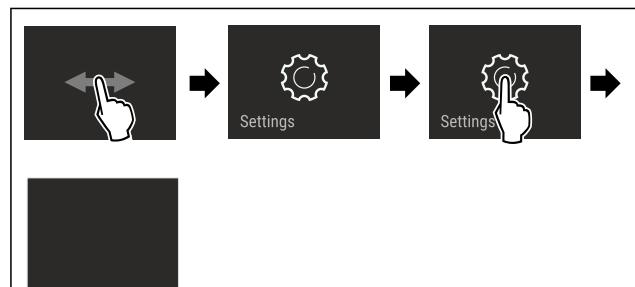


Fig. 2 Example illustration

- Carry out action steps according to the illustration.
- Settings menu is open.
- If necessary: Navigate to the desired function.

3.2.2 Opening the expanded menu



Fig. 3

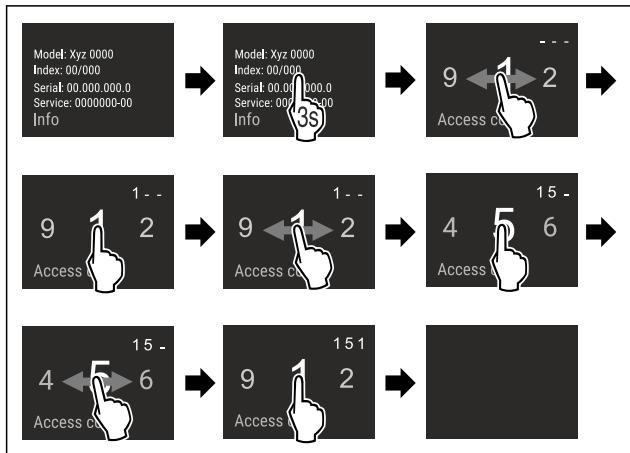


Fig. 4 Example illustration, access with numerical code 151

- Carry out action steps according to the illustration.
- The expanded menu is open.
- If necessary: Navigate to the desired function.

3.3 Sleep mode

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

3.3.1 Ending sleep mode

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

4 Putting into operation

4.1 Switching on appliance (first use)

Make sure that the following requirements are fulfilled:

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

Switch on the appliance using the Touch & Swipe display:

- If the display is in sleep mode: Briefly touch the display.
- Carry out action steps according to the illustration.

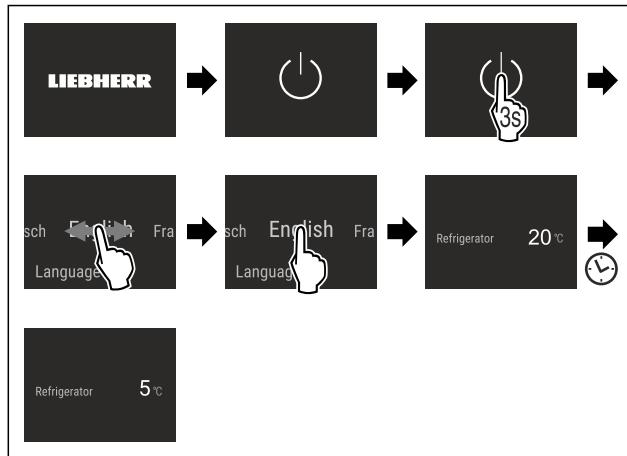


Fig. 5 Example illustration

- 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 SmartDevice for the first time. (see 2.3 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.

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.

Storage

- Leave space between goods to ensure good air circulation.
- Store food according to the instructions on the packaging.
- Always observe the best-before date indicated on the packaging.

Note

Failure to follow these guidelines can lead to foodstuffs spoiling.

5.2 Fridge compartment

The air circulation in the appliance creates different temperature zones. You will find the different temperature zones in the appliance and equipment overview. (see 2.2 Overview of appliances and equipment)

5.2.1 Arranging your food properly

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

5.3 BioFresh

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

Note

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

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

5.3.1 Fruit & Vegetable safe

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

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

Arranging your food properly

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

5.3.2 Meat & Dairy safe

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

Arranging your food properly

- Store dry or packaged food.

5.4 ****-freezer compartment*

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

The air temperature in the freezer compartment, measured with a thermometer or other measuring device, may fluctuate. Temperature fluctuations are greater in a half-full or empty freezer and it is possible to attain temperatures warmer than -18 °C.

5.4.1 Freezing food

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

Arranging your food properly



CAUTION

Risk of injury due to broken glass!

Bottles and cans containing drinks may burst when being frozen. This applies particularly to sparkling drinks.

- Do not freeze bottles and cans containing drinks!

- For maximum freezing performance: Remove glass plate before freezing.*

- Place packaged food in the freezer compartment.

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 shelf-lives for various types of food		
Ice cream	at -18 °C	2 to 6 months

Recommended shelf-lives for various types of food		
Cold cuts, ham	at -18 °C	2 to 3 months
Bread, baked goods	at -18 °C	2 to 6 months
Game, pork	at -18 °C	6 to 9 months
Fatty fish	at -18 °C	2 to 6 months
Lean fish	at -18 °C	6 to 8 months
Cheese	at -18 °C	2 to 6 months
Poultry, beef	at -18 °C	6 to 12 months
Vegetables, fruit	at -18 °C	6 to 12 months

6 Saving energy

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

7 Controls

7.1 Controls and displays

7.1.1 Status display

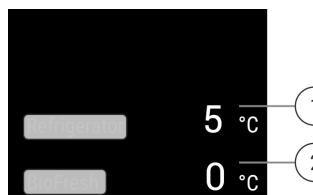


Fig. 6 The status display shows the actual temperature.

(1) Temperature display of the fridge section (2) Temperature display BioFresh

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

Controls

7.1.2 Display symbols

Display symbols provide information on the current appliance status:

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

7.2 Appliance functions

7.2.1 Notes on the appliance functions

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

Before you alter, activate or deactivate the device functions, make sure that the following requirements are met:

- You have read and understood the descriptions of how the display works. (see 3 Functionality of the Touch & Swipe display)
- You have familiarised yourself with the operating and display elements of your appliance.



Switching the appliance off and on

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

Switching off the appliance

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

Make sure that the following requirements are fulfilled:

- Handling instructions (see 11 Shutting down) are carried out.



Fig. 7

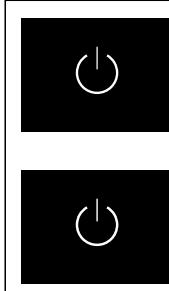


Fig. 8

- 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.

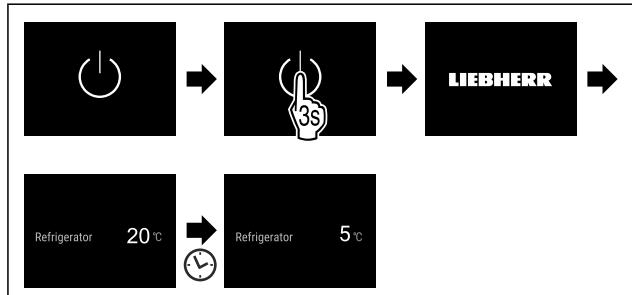


Fig. 9 Example illustration

- 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.



WiFi

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

More information on the SmartDevice: (see 2.3 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).
- Registration in the SmartDevice app is completed.



Fig. 10

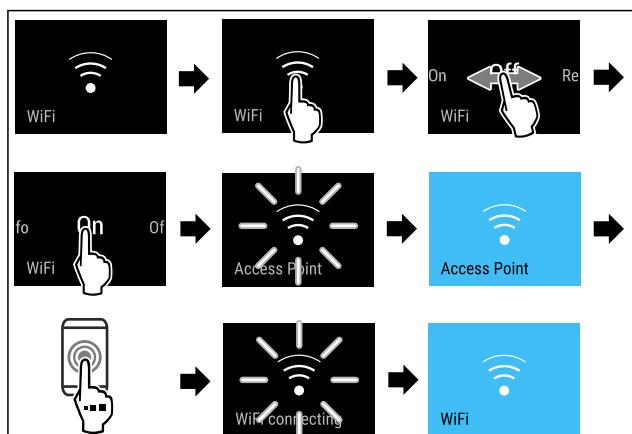


Fig. 11

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

Controls



Temperature unit

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

Setting the temperature unit



Fig. 19

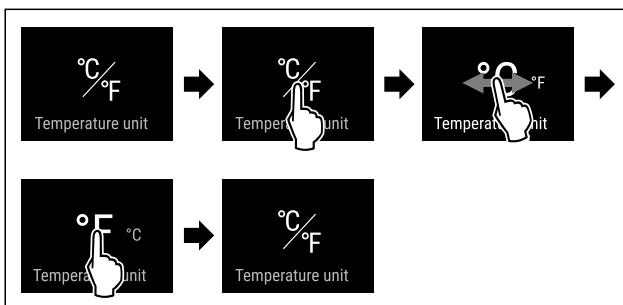


Fig. 21 Example illustration: Switch from degrees Celsius to degrees Fahrenheit.

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



B5 BioFresh B-Value

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

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

Setting the BioFresh B-Value



Fig. 22

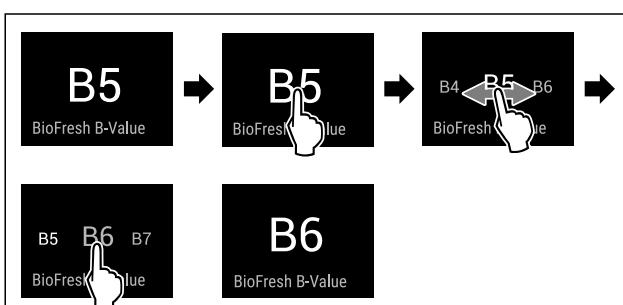


Fig. 24 Example illustration: Switch from B5 to B6.

- ▶ Carry out action steps according to the illustration.
- ▶ The BioFresh B-Value is set.
- ▶ Status display shows target temperature.



C5 C-Value*

Use this function to set the C-Value. You can use the C-Value to make the **** freezer compartment slightly warmer or colder. The C-Value is pre-set to value C5 as delivered.

Value	Description
C1 to C4	**** freezer compartment gets colder.
C5	Pre-set value
C6 to C9	**** freezer compartment gets warmer.

Setting the C-Value

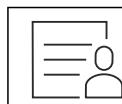


Fig. 25

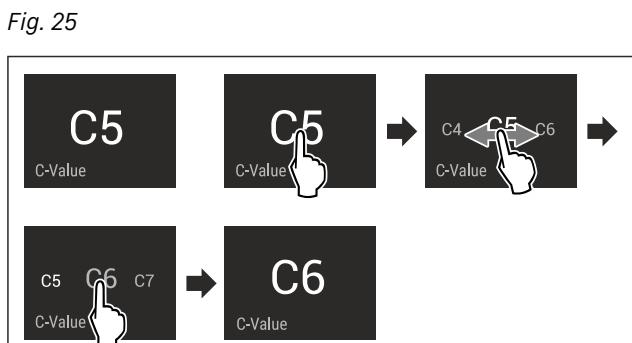


Fig. 27 Example illustration: Switch from C5 to C6.

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



D1 D-Value

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



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.

If SuperCool is activated, then lower temperatures are reached in the **** freezer compartment. You can activate SuperCool when you would like to freeze food in the **** freezer compartment.*

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.
- When you would like to store fresh food in the **** freezer compartment: Activate function 3 hours before inserting the food.*

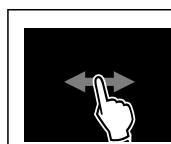


Fig. 28

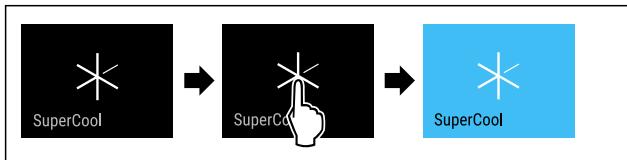


Fig. 29

► 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:

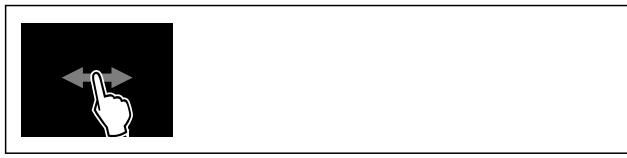


Fig. 30

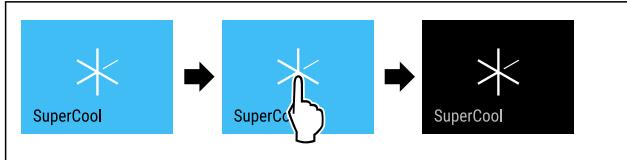


Fig. 31

► 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.



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)

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

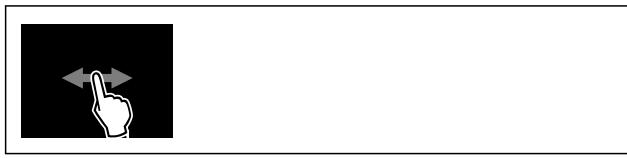


Fig. 32



Fig. 33

► Carry out action steps according to the illustration.

► PartyMode and the associated functions are activated.

► The temperature display turns blue.

► The current temperature flashes until the target temperature is reached.

Deactivating PartyMode

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

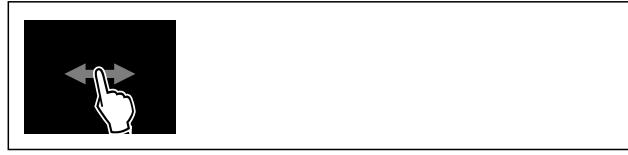


Fig. 34



Fig. 35

► Carry out action steps according to the illustration.

► PartyMode is deactivated.

► The appliance cools to the temperature set previously: The current temperature flashes until the target temperature is reached.



HolidayMode

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

Appliance status when HolidayMode is active

Fridge section cools to 15 °C.

BioFresh cools to 15 °C.

The set temperature is maintained in the **** freezer compartment.*

PartyMode is deactivated.

SuperCool is deactivated.

Activating HolidayMode

► Empty the fridge section completely.

► Empty BioFresh completely.



Fig. 36

Controls

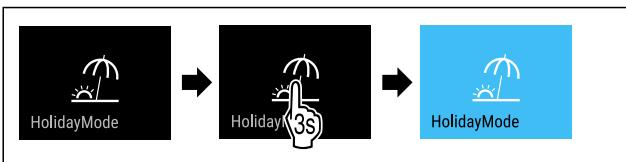


Fig. 37

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

Deactivating HolidayMode



Fig. 38

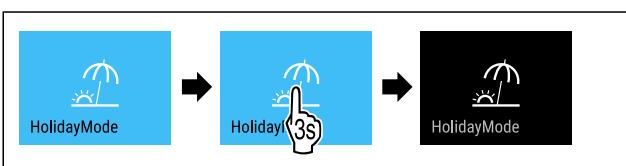


Fig. 39

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



SabbathMode

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

Device status when SabbathMode is active

The status display shows SabbathMode permanently.

All functions on the display are locked except for the **Deactivate SabbathMode function**.

Active functions remain active.

The display remains bright when you close the door.

The interior lighting is deactivated.

Reminders are not implemented. The set time interval stops.

Reminders and warnings are not displayed.

There is no door alarm.

There is no temperature alarm.

The defrosting cycle operates only for the specified time, without considering the appliance consumption.

After a power failure, the appliance returns to SabbathMode.

Device status

Note

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

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

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. 40

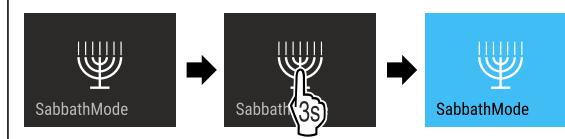


Fig. 41

- ▶ 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:

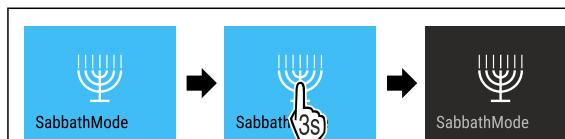


Fig. 42

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



EnergySaver

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

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

Temperatures

Activating EnergySaver



Fig. 43

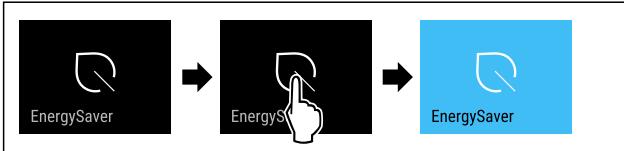


Fig. 44

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

Deactivating EnergySaver



Fig. 45



Fig. 46

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



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 9.9 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. 47



Fig. 48

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

Deactivating CleaningMode

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



Fig. 49

- ▶ 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. 50

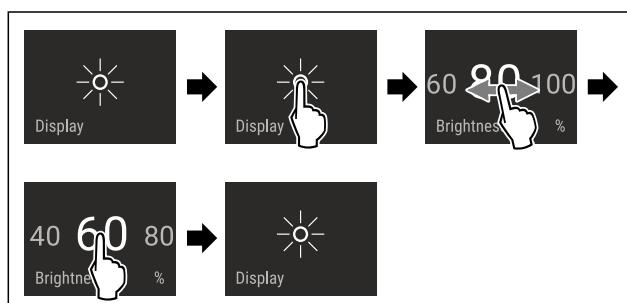


Fig. 51 Example illustration: Switch from 80 % to 60 %.

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

Controls

- 3 minutes
- Off

Setting the door alarm



Fig. 52

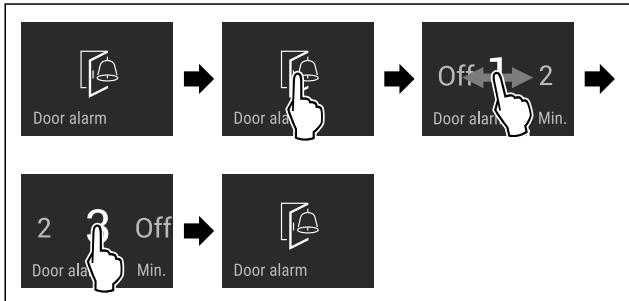


Fig. 53 Example illustration: Change door alarm from 1 minute to 3 minutes.

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

Deactivating the door alarm



Fig. 55

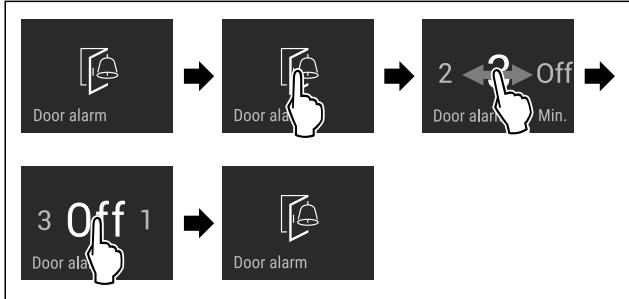


Fig. 56

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



Input lock

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

Application:

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

Activating the input lock

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



Fig. 57



Fig. 58

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

Deactivating the input lock



Fig. 59



Fig. 60

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



Language

Use this function to set the display language.

You can select the following languages:

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

Setting the language



Fig. 61

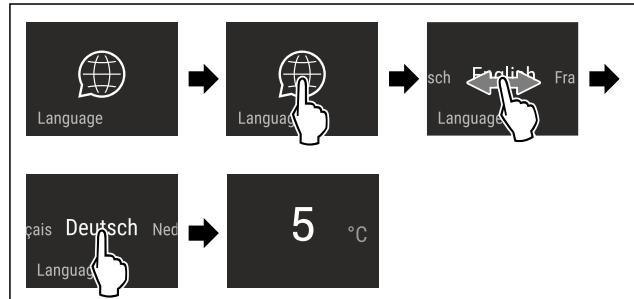


Fig. 62 Example illustration depending on the language and temperature

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

► The display returns to the status display.



Device information

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

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

Indicating the device information



Fig. 63

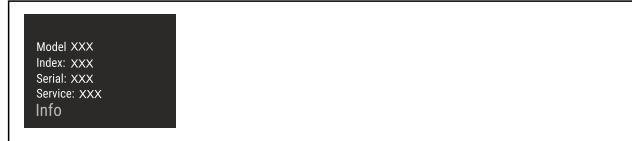


Fig. 64

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



Software

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

Indicating the software version



Fig. 65



Fig. 66

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



Reminder

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

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

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

Activating the reminder



Fig. 67

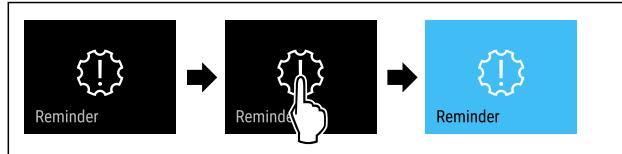


Fig. 68

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

Deactivating the reminder



Fig. 69

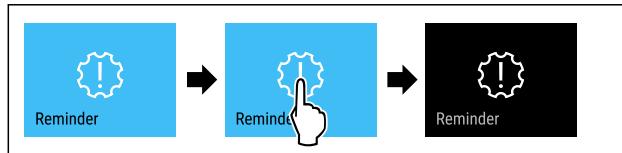


Fig. 70

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



Demo mode

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

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

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

Activating demo mode



Fig. 71

Controls

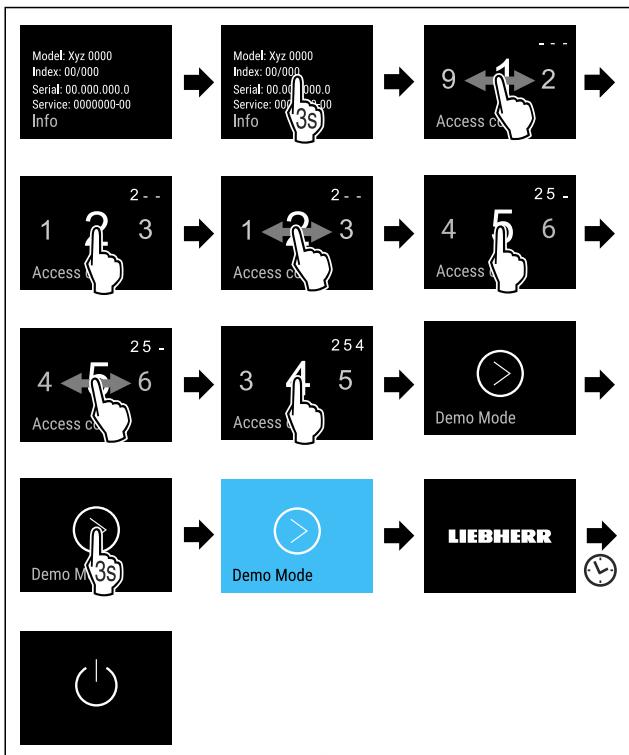


Fig. 72

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

Deactivating demo mode

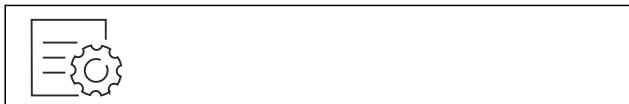


Fig. 73

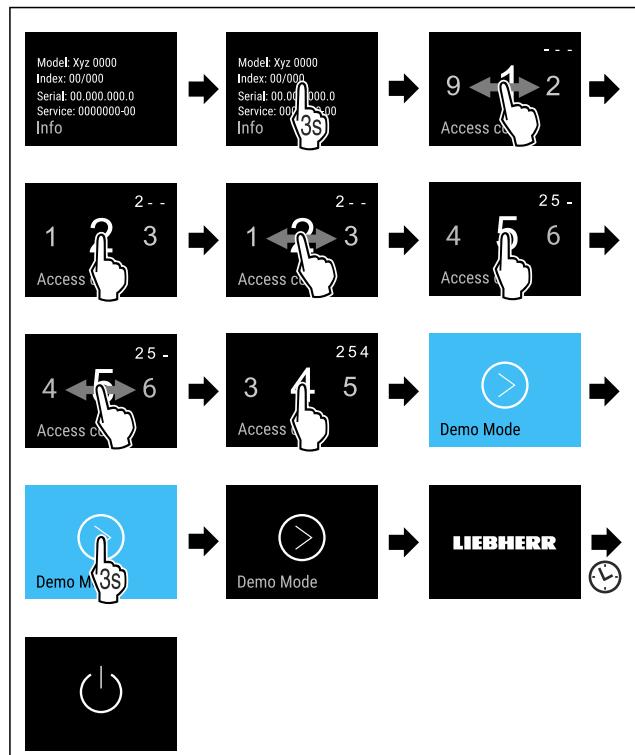


Fig. 74

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



Resetting to factory settings

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

Performing a reset



Fig. 75

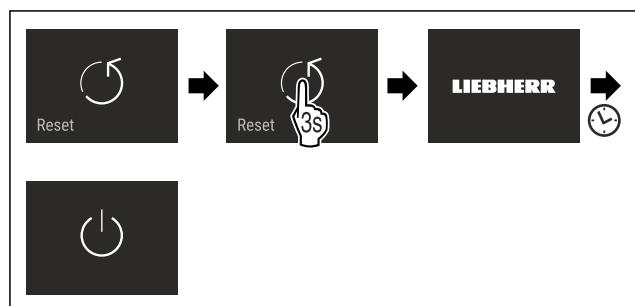


Fig. 76

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

7.3 Messages

There are two categories of messages:

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

7.3.1 Overview of warnings

Behaviour of the appliance in the event of warnings:

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

Message	Cause	Exit the message
 Close the door. Door alarm	The message appears if the door is open for too long.	Carry out action steps. (see Door alarm)
 Error	The message appears if there is an appliance error. A component of the appliance has a fault.	Carry out action steps. (see Error)
 WiFi Error WLAN error	The message appears if the appliance could not be connected to the WLAN. (see Establishing the WiFi connection for the first time) The message only appears during the initial setup.	Carry out action steps. (see WLAN error)

7.3.2 Ending warnings

Door alarm

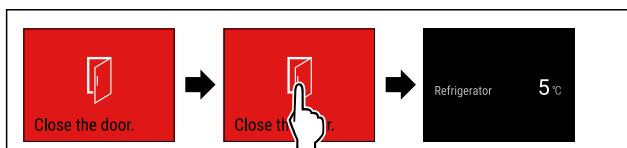


Fig. 77 Example illustration

- Carry out action steps according to the illustration.
- or-
- Close the door.
- The display returns to the status indicator.

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

Error

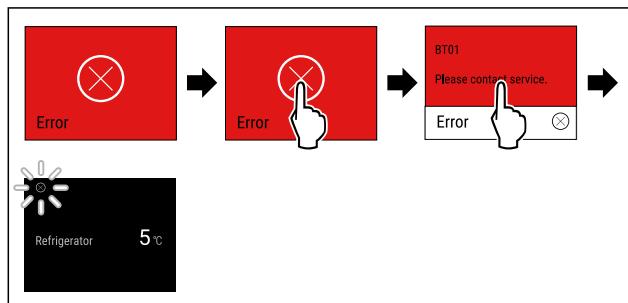


Fig. 78 Example illustration

- 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)

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
 FreshAir filter Replace the FreshAir activated carbon filter	The message appears when the FreshAir activated carbon filter needs to be replaced.	Carry out action steps. (see Replace the FreshAir activated carbon filter)

7.3.4 Ending reminders

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/zubehoer.html.

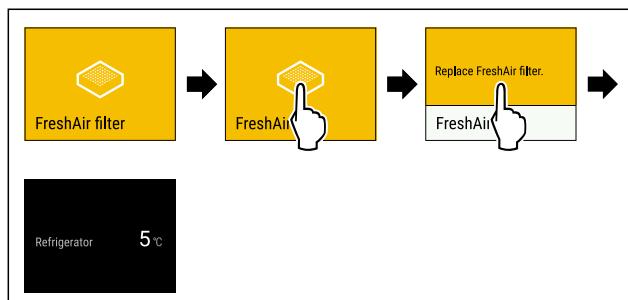


Fig. 79 Example illustration

- Briefly touch the display.
- Display shows reminder information.

Features

- ▶ Briefly touch the display.
- ▶ Replace the activated carbon filter. (see 9.1 FreshAir carbon filter)
- ▶ Activated carbon filter ensures optimum air quality in the cooling unit.
- ▶ Reminder appears again after 6 months.

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

8 Features

8.1 4-star freezer compartment*

8.1.1 Opening/closing the freezer compartment

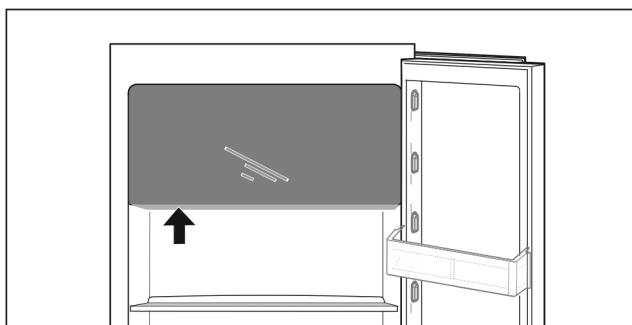
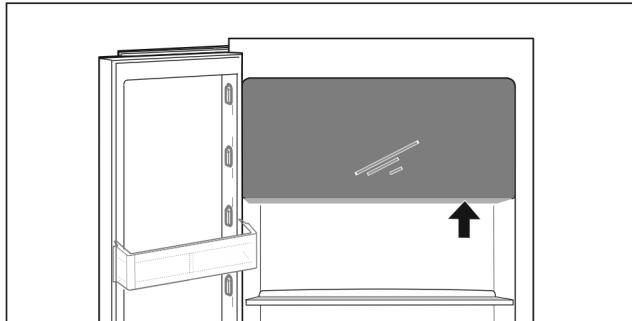


Fig. 80

Opening the freezer compartment:

- ▶ Reach into the handle area from below.
- ▶ Push the handle plate while pulling the door towards you.

Closing the freezer compartment:

- ▶ Close the door while pushing from the front.
- ▶ Door is engaged.

8.2 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.

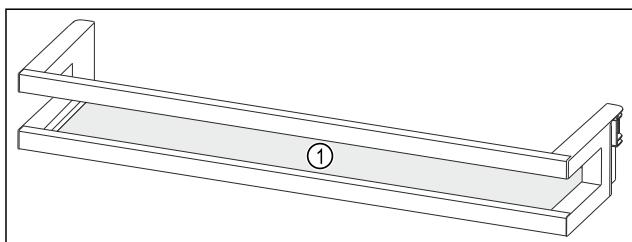


Fig. 81 Example illustration, Door rack

(1) Shelf

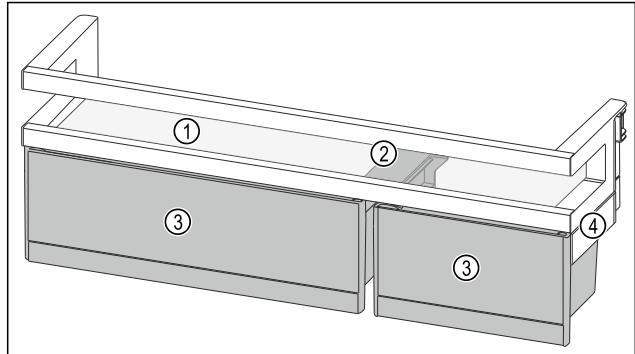


Fig. 82 Example illustration, Door racks with VarioBoxes*

(1) Shelf
(2) Holding part for Vario-
Boxes
(3) VarioBoxes
(4) Side part

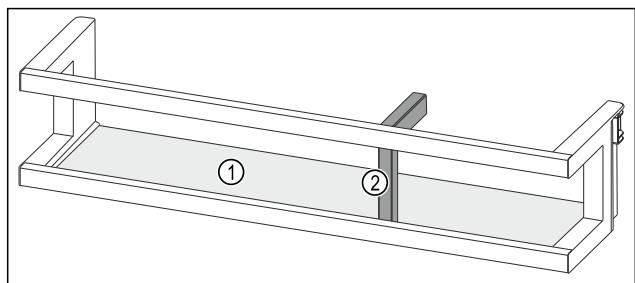


Fig. 83 Example illustration, Door rack with bottle holder

(1) Shelf
(2) Bottle holder

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. 81)	Butter, cheese, tinned food, tubes
Door rack with bottle holder (see Fig. 83)	Bottles The sliding bottle holder secures the bottles in the door rack.
Door rack with VarioBoxes (see Fig. 82) *	small food items*

8.2.1 Removing VarioBoxes*

Either one or both VarioBoxes can be used. If you want to store particularly tall bottles in the door rack under the door rack with VarioBoxes, you can remove one or both VarioBoxes.

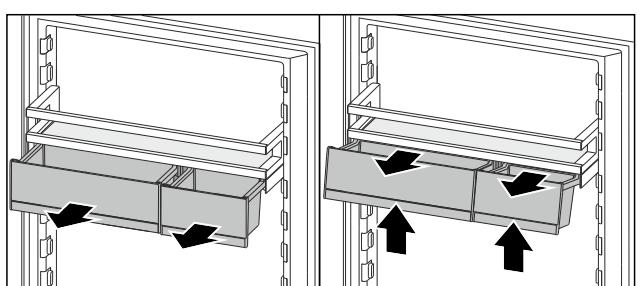


Fig. 84

- ▶ Pull out VarioBox to the end stop.
- ▶ Lift VarioBoxes out forwards.
- ▶ Take VarioBox out forwards.

8.2.2 Removing the door rack

Ensure that the following requirements are met:

- ❑ VarioBoxes have been removed. (see 8.2.1 Removing VarioBoxes*) *

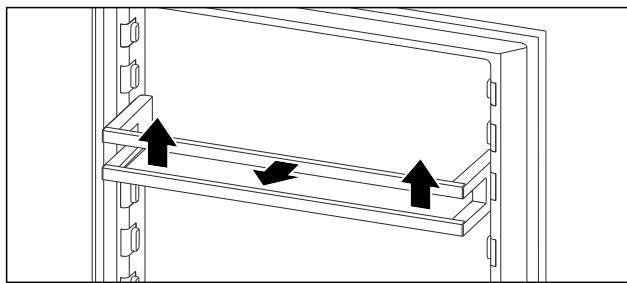


Fig. 85 Example illustration

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

8.2.3 Inserting the door rack

Note

Condensation in the 4-star freezer compartment due to incorrect position of the door rack with VarioBoxes!*

If your appliance is equipped with a 4-star freezer compartment, the door rack with VarioBoxes can disrupt the air distribution in the fridge compartment and condensation may form on the 4-star freezer compartment.

For optimum air distribution in the fridge compartment, Liebherr recommends:

- Use door racks with VarioBoxes at a height below the 4-star freezer compartment.

Ensure that the following requirements are met:

- ❑ VarioBoxes have been removed. (see 8.2.1 Removing VarioBoxes*) *

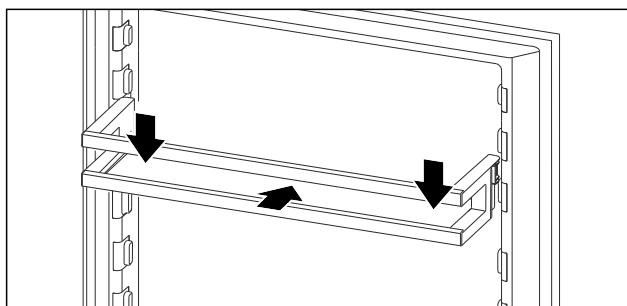


Fig. 86 Example illustration

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

8.2.4 Inserting VarioBoxes*

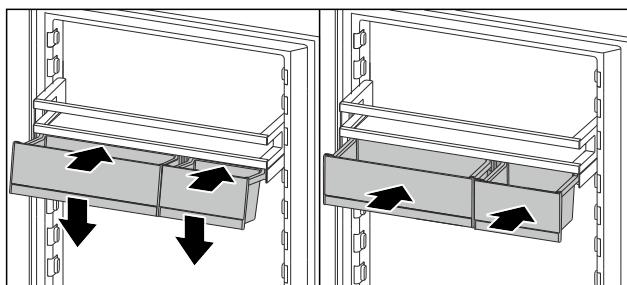


Fig. 87

- Place VarioBoxes at an angle on the rib of the door rack.
- Lower VarioBoxes.
- Push in the VarioBoxes.

8.2.5 Converting VarioBoxes*

Ensure that the following requirements are met:

- ❑ VarioBoxes have been removed. (see 8.2.1 Removing VarioBoxes*)
- ❑ Door rack has been removed. (see 8.2.2 Removing the door rack)

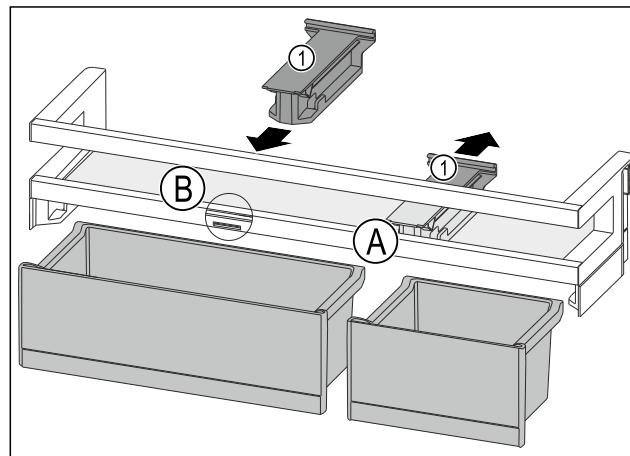


Fig. 88

- Take off the holding part Fig. 88 (1) in position Fig. 88 (A) backwards.
- Insert the holding part Fig. 88 (1) in position Fig. 88 (B).
- Insert the door rack. (see 8.2.3 Inserting the door rack)

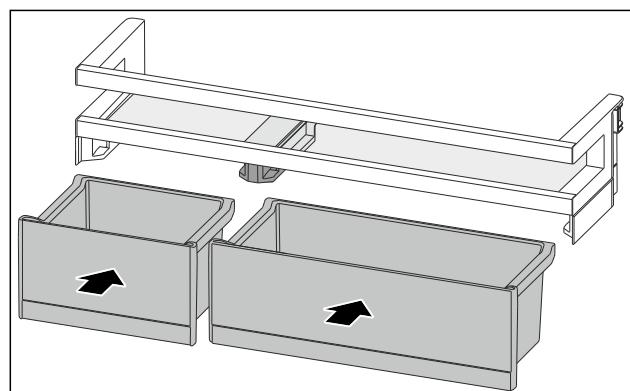


Fig. 89

- Insert the VarioBoxes in reverse order. (see Fig. 89)

8.3 Shelves

8.3.1 Adjusting/removing the shelves

The shelves are prevented from being pulled out accidentally by pull out stops.

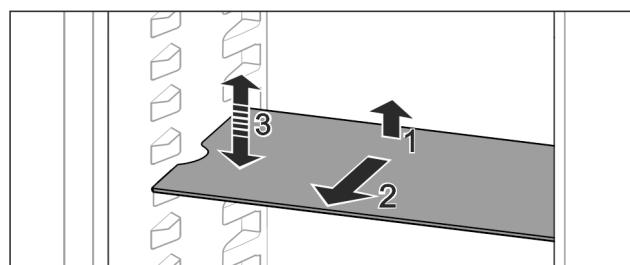


Fig. 90

- Lift the shelf and pull forward.
- Line up the side runner.
- Adjust the height of the shelf: Lift or lower it to the desired height and slide it in.

-or-

Features

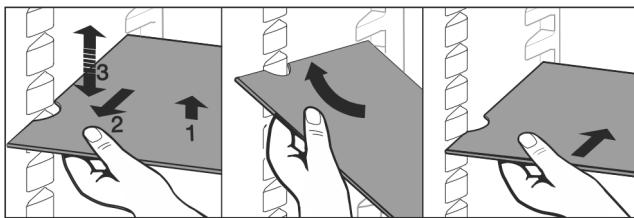


Fig. 91

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

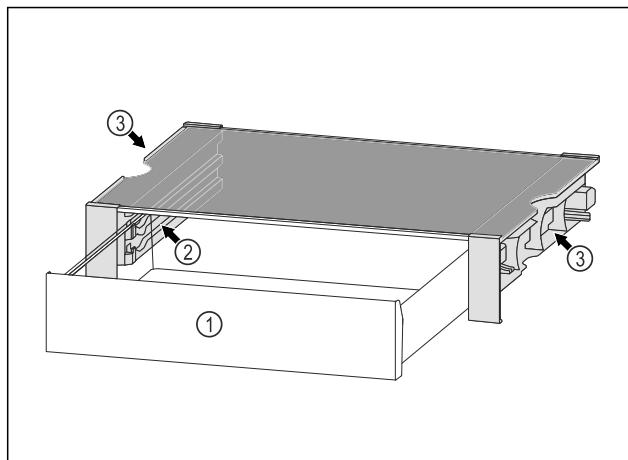


Fig. 94

(1) VarioSafe drawer

(2) Side panels with ribs
for VarioSafe drawer

(3) Recesses on the left and
right side panel

8.4 Dividing shelf

8.4.1 Using the dividing shelf

The shelves are prevented from being pulled out accidentally by pull out stops.

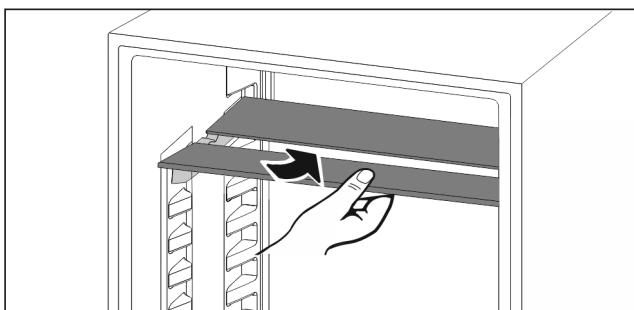


Fig. 92

- ▶ Push the dividing shelf underneath as shown.

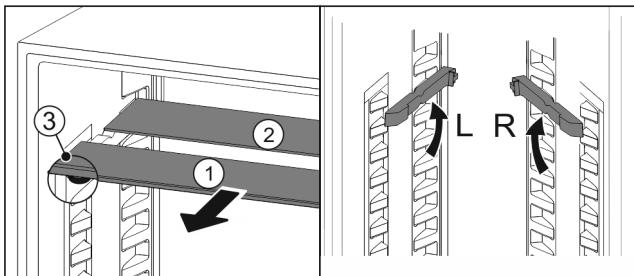


Fig. 93

Adjusting the height:

- ▶ Pull the glass panels out Fig. 93 (1) from the front, one at a time.
- ▶ Release the support rails and click in at the height you want.
- ▶ Slide in the glass panels one at a time.
- ▶ Flat pull-out stoppers at the front, right behind the support rails.
- ▶ High pull-out stoppers at the back.

Using both shelves:

- ▶ Hold the glass panel with one hand and pull it to the front.
- ▶ The glass panel Fig. 93 (1) and trim strip are at the front.
- ▶ The stops Fig. 93 (3) point down.
- ▶ Appliances with freezer compartment:*
- ▶ Do not place the support rails and dividing shelf in front of the fan.*

8.5.1 Inserting the VarioSafe

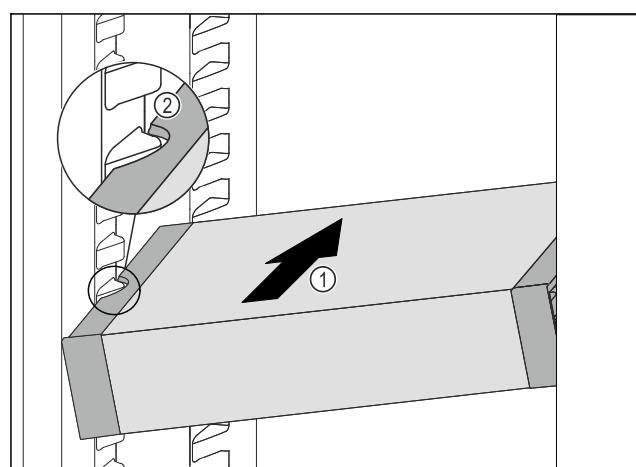


Fig. 95

- ▶ Insert the VarioSafe into the fridge section at an angle Fig. 95 (1) until the recesses in the side Fig. 95 (2) of the VarioSafe are at the level of the support rib in the fridge section.

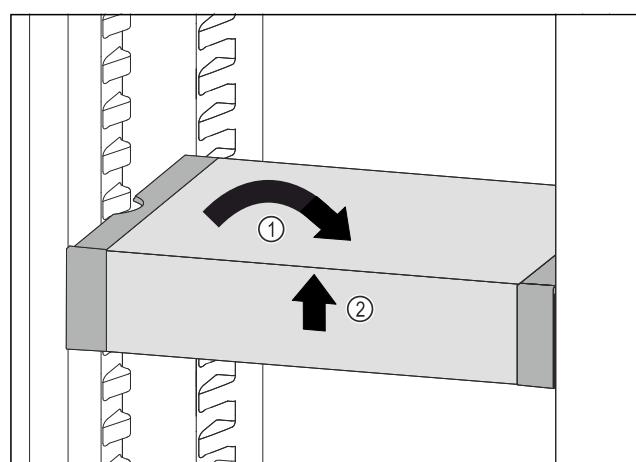


Fig. 96

- ▶ Set VarioSafe straight. Fig. 96 (1)
- ▶ Lift VarioSafe at the front. Fig. 96 (2)

8.5 VarioSafe *

The VarioSafe offers space in the refrigerator compartment for small groceries, packages, tubes and jars, for example.

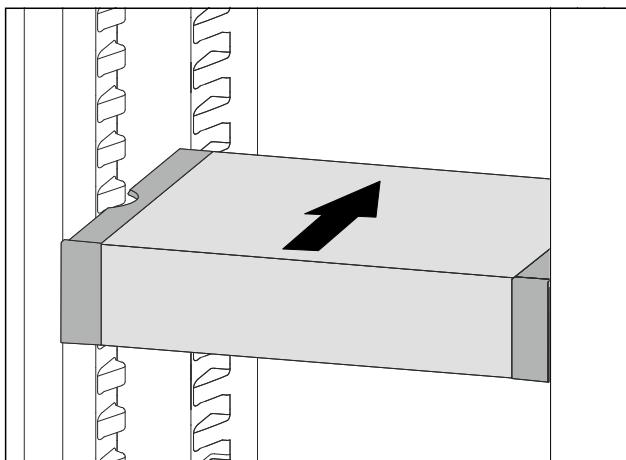


Fig. 97

- Lift VarioSafe up toward the front.
- Push VarioSafe in to the rear.
- Lower VarioSafe.
- VarioSafe audibly engages.
- VarioSafe is inserted.

8.5.2 Repositioning the VarioSafe

You can move the VarioSafe as a whole in the refrigerator compartment.

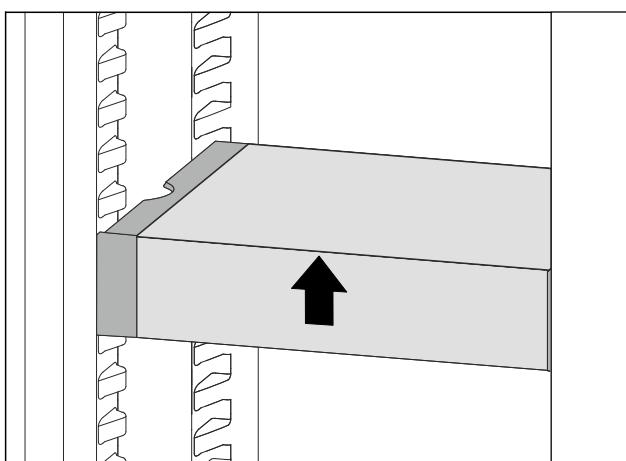


Fig. 98

- Lift VarioSafe at the front.

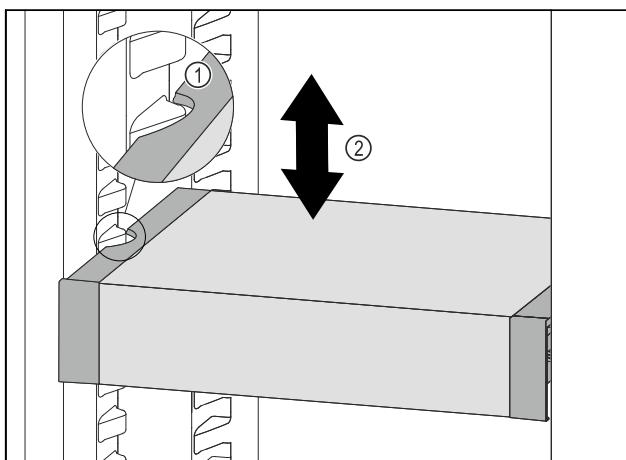


Fig. 99

- Pull VarioSafe forwards until the recesses in the side of the VarioSafe are at the level of the support rib in the refrigerator compartment. Fig. 99 (1)
- Move VarioSafe up or down in the refrigerator compartment until the desired height is reached. Fig. 99 (2)

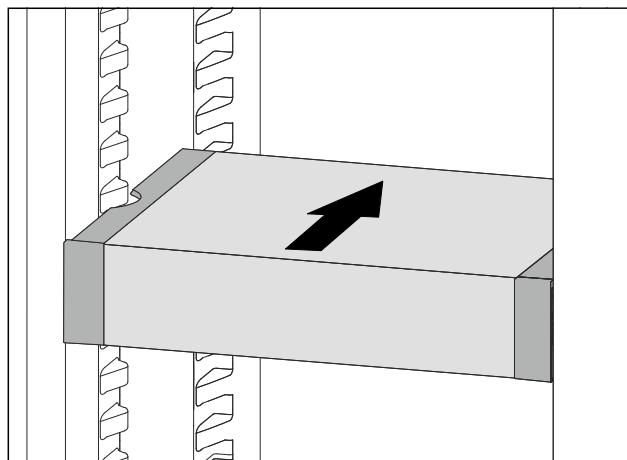


Fig. 100

- Lift VarioSafe at the front.
- Push VarioSafe in to the rear.
- VarioSafe audibly engages.
- VarioSafe is offset in height.

8.5.3 Moving the VarioSafe drawer

You can use the VarioSafe drawer at two different heights. If you would like to store taller foodstuffs in the VarioSafe drawer, slide the VarioSafe drawer in on the bottom rib. If you would like to store smaller foodstuffs in the VarioSafe drawer, slide the VarioSafe drawer in on the top rib.

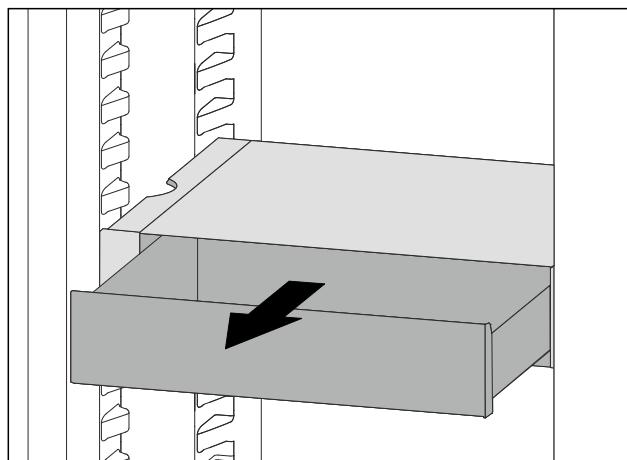


Fig. 101

- Pull out the VarioSafe drawer as far as it will go.
- Lift the VarioSafe drawer up at the front.
- Remove the VarioSafe drawer to the front.

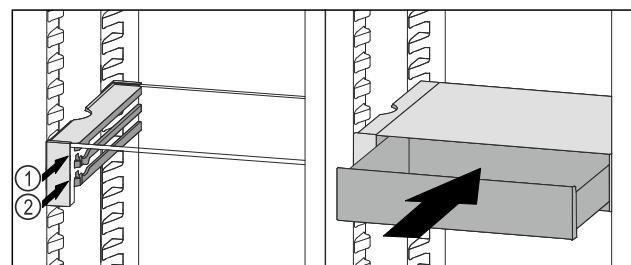


Fig. 102

- Lift the VarioSafe drawer up at the front.
- Place the VarioSafe drawer behind the stoppers on desired rib Fig. 102 (1) or Fig. 102 (2).
- VarioSafe drawer is offset in height.

8.5.4 Removing the VarioSafe

You can remove the VarioSafe as a whole.

Features

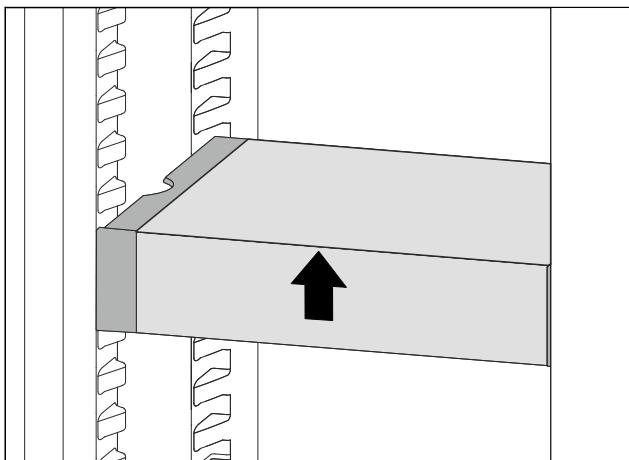


Fig. 103
► Lift VarioSafe at the front.

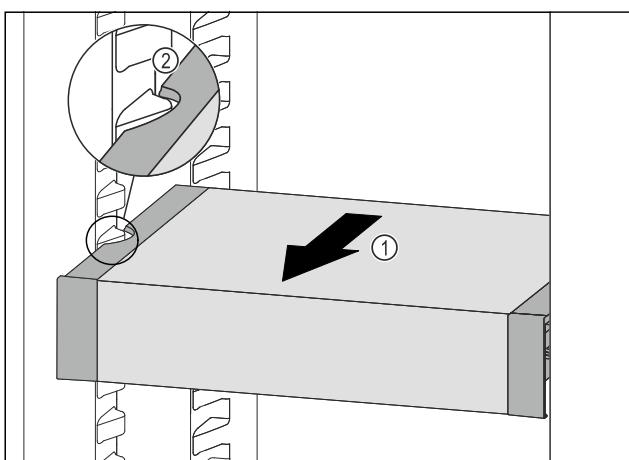


Fig. 104
► Pull VarioSafe forwards Fig. 104 (1) until the recesses in the side of the VarioSafe are at the level of the support rib in the fridge section. Fig. 104 (2)

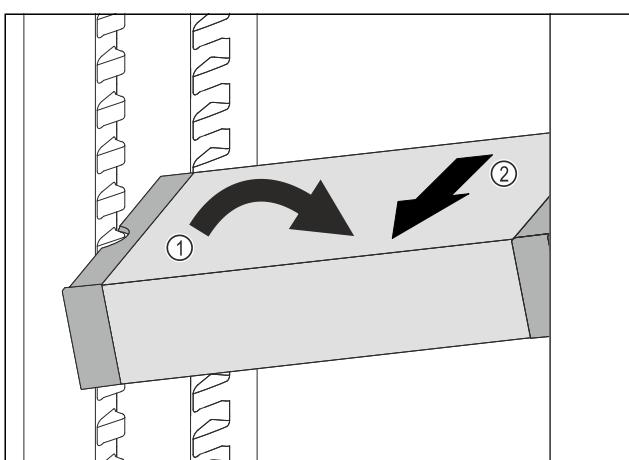


Fig. 105
► Set VarioSafe in refrigerator compartment at an angle. Fig. 105 (1)
► Take VarioSafe out to the front. Fig. 105 (2)
► VarioSafe is removed.

8.5.5 Disassembling the VarioSafe

You can disassemble the VarioSafe into its individual parts if you want to clean the VarioSafe or if you need to install or remove parts.

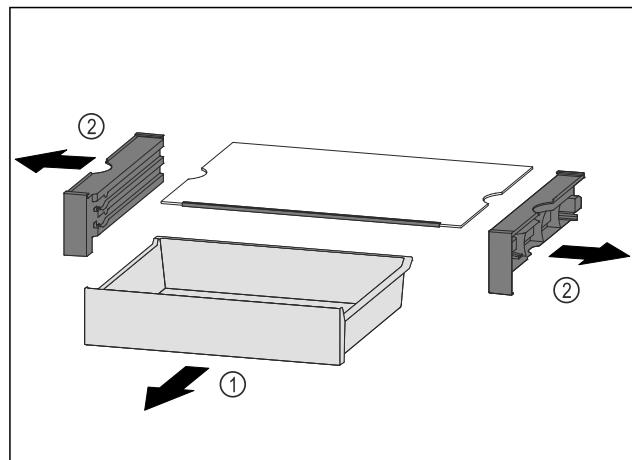


Fig. 106
► Remove VarioSafe as a whole. (see 8.5.4 Removing the VarioSafe)
► Disassemble VarioSafe according to the illustration.

8.6 Adjustable bottle shelf

Either the glass shelf or the variable bottle rack can be used in the bottom section of the refrigerator. The glass shelf is inserted at delivery.

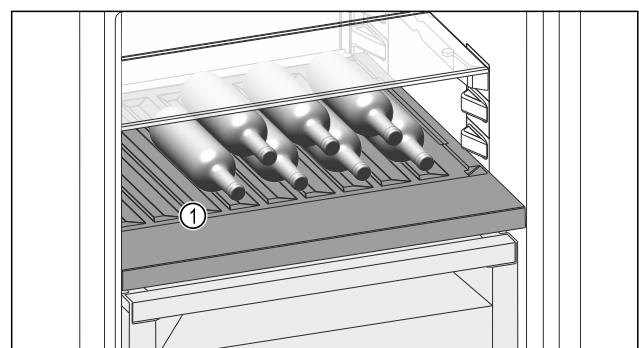


Fig. 107 Example illustration
(1) Variable bottle rack

8.6.1 Using the variable bottle rack

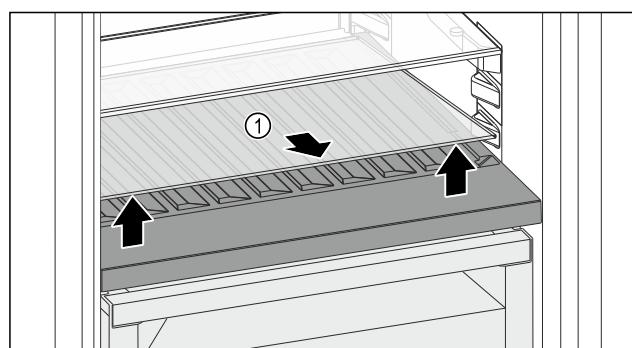


Fig. 108
► Lift the glass shelf Fig. 108 (1) at the front and remove.
► Store the glass shelf Fig. 108 (1) in a safe place outside the appliance.

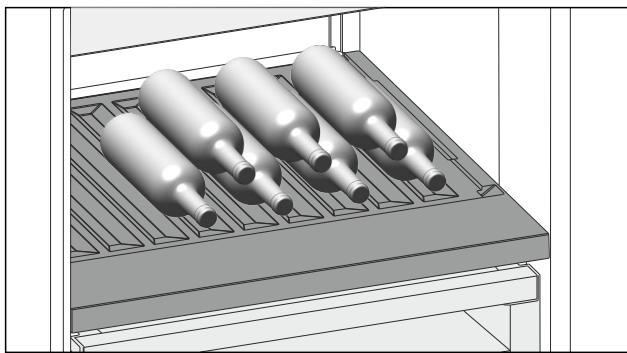


Fig. 109

- ▶ Place bottles in the back row with their bases against the back wall. (see Fig. 109)

Note

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

- ▶ Set the lower door rack one position higher.

8.6.2 Using the glass shelf

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 9.9.3 Clean the components)

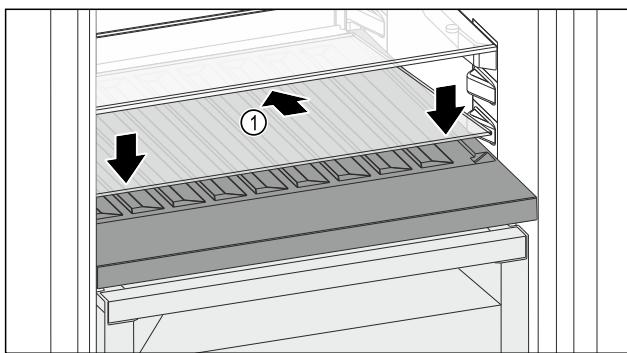


Fig. 110

- ▶ Place the glass shelf Fig. 110 (1) at an angle, sloping it downwards and backwards.
- ▶ Lower the glass shelf Fig. 110 (1) at the front.

8.7 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.

- ▶ Always keep the inside vents at the rear wall clear.

8.7.1 Drawer on telescopic rails

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

Fully extendible*

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

Removing drawer

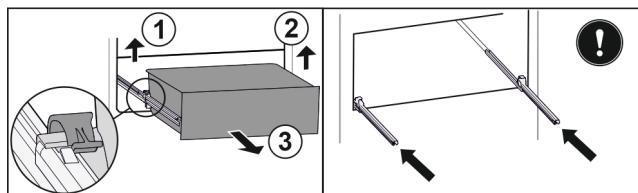


Fig. 111

- ▶ Pull out drawer as far as it will go.
- ▶ Lift left clamp and simultaneously pull drawer forwards on the left. Fig. 111 (1)
- ▶ Lift right clamp and simultaneously pull drawer forwards on the right. Fig. 111 (2)
- ▶ Remove drawer to the front. Fig. 111 (3)
- ▶ Slide rails in.

Inserting drawer

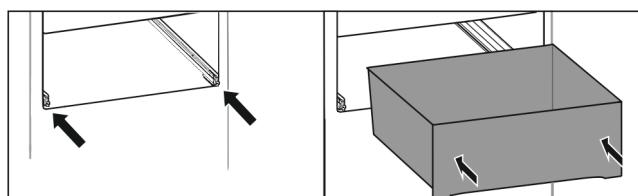


Fig. 112

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

Partial pull-out fridge compartment*

Removing drawer

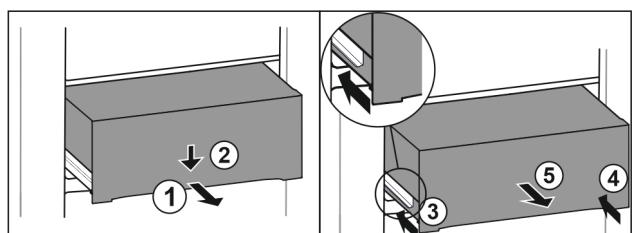


Fig. 113

- ▶ Pull out drawer half-way. Fig. 113 (1)
- ▶ Push the drawer down at the front. Fig. 113 (2)
- ▶ Push the left rail in by about 2 cm. Fig. 113 (3)
- ▶ Push the right rail in by about 2 cm. Fig. 113 (4)
- ▶ Remove drawer to the front. Fig. 113 (5)

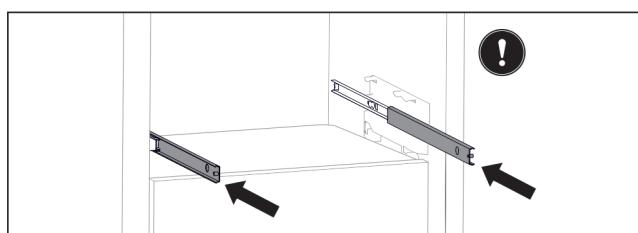


Fig. 114

If the rails are not yet fully inserted after removing the drawer:

- ▶ Push rails in completely.

Features

Inserting drawer

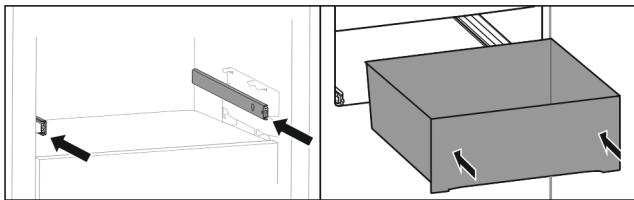


Fig. 115

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

8.8 Compartment lid for Fruit & Vegetable 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.

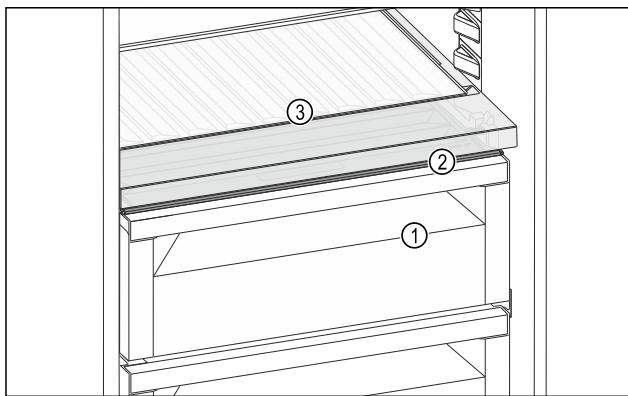


Fig. 116 Example illustration, compartment lid for Fruit & Vegetable Safe

- (1) Fruit & Vegetable Safe
- (2) Compartment lid for Fruit & Vegetable Safe
- (3) Variable bottle rack

8.8.1 Reducing the air humidity in the drawer

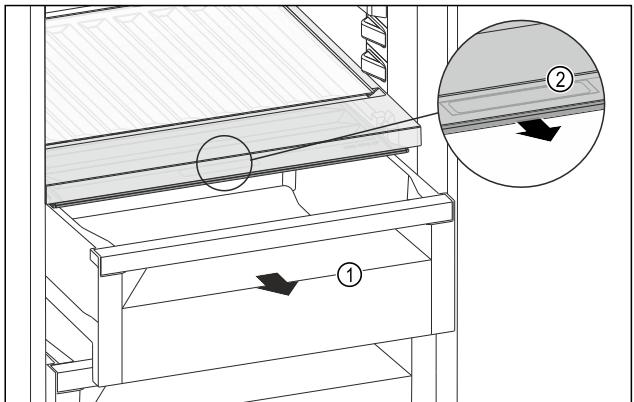


Fig. 117

- ▶ Pull out the drawer Fig. 117 (1).
- ▶ Grasp the recessed grip Fig. 117 (2) on the compartment lid and pull the compartment lid forwards at the same time.
- ▶ When the drawer is closed, there is a small gap between the compartment lid and the drawer.

8.8.2 Increasing the air humidity in the drawer

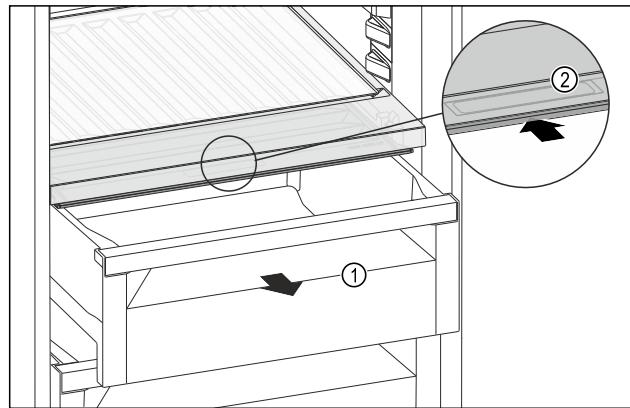


Fig. 118

- ▶ Pull out the drawer Fig. 118 (1).
- ▶ Grasp the recessed grip Fig. 118 (2) on the compartment lid and push the compartment lid backwards at the same time.
- ▶ When the drawer is closed, the compartment lid seals with the drawer.

8.8.3 Using Fruit & Vegetable Safe as Meat & Dairy Safe

You can use the Fruit & Vegetable Safe as Meat & Dairy Safe. To do this, you must reduce the humidity in the drawer. (see 8.8.1 Reducing the air humidity in the drawer)

8.9 Butter dish

8.9.1 Opening/closing the butter dish

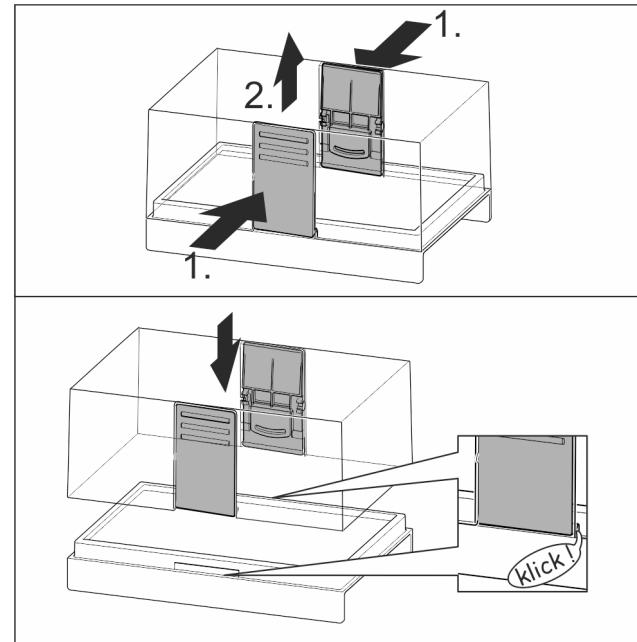


Fig. 119

8.9.2 Dismantling the butter dish

You can take the butter dish apart for cleaning.

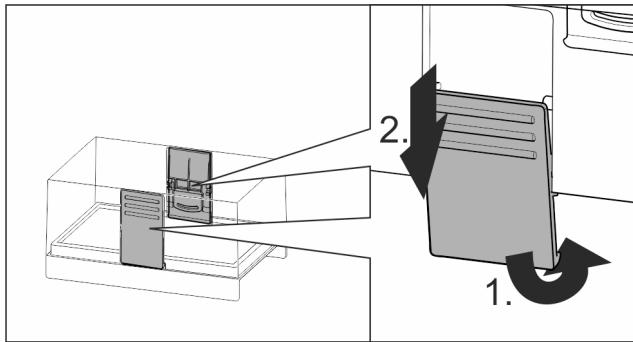


Fig. 120

- Disassembling the butter dish.

8.10 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.

8.10.1 Using the egg rack

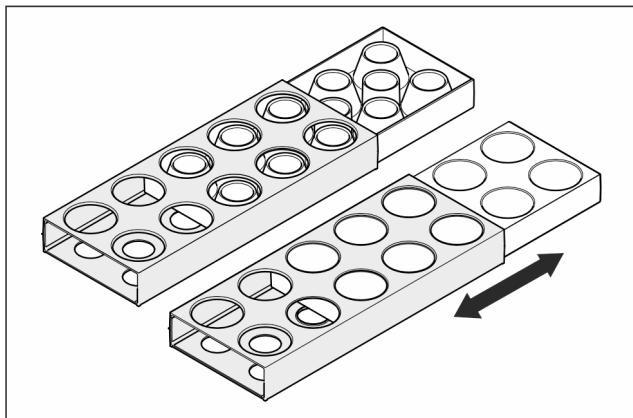


Fig. 121

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

8.11 Bottle holder

8.11.1 Using the bottle holder

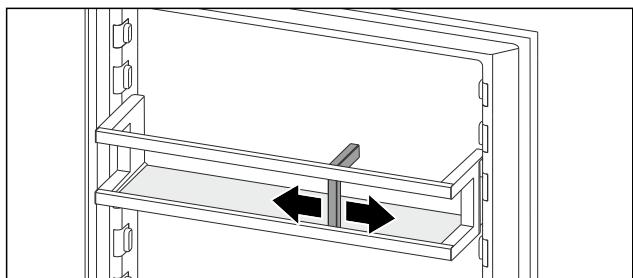


Fig. 122

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

8.12 FlexSystem

8.12.1 Using the FlexSystem

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

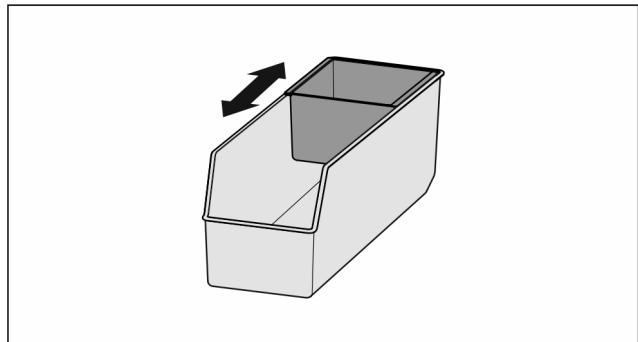


Fig. 123

- Move the inner shell.

8.12.2 Removing the FlexSystem

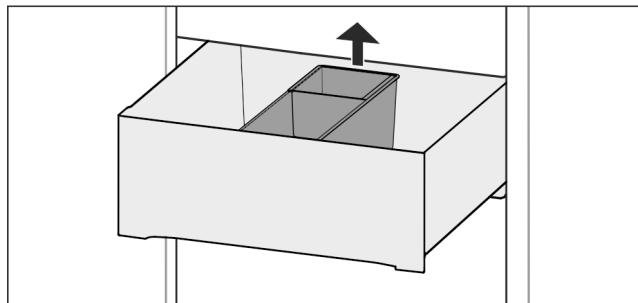


Fig. 124

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

8.12.3 Inserting the FlexSystem

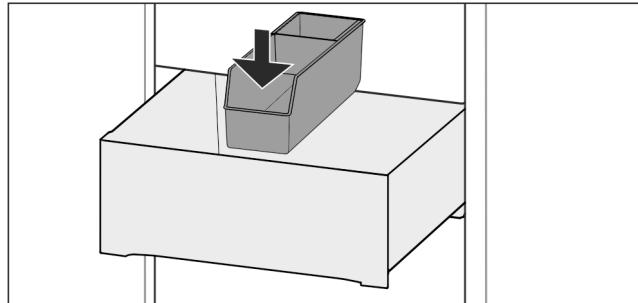


Fig. 125

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

8.12.4 Disassembling the FlexSystem

You can take the FlexSystem apart for cleaning.

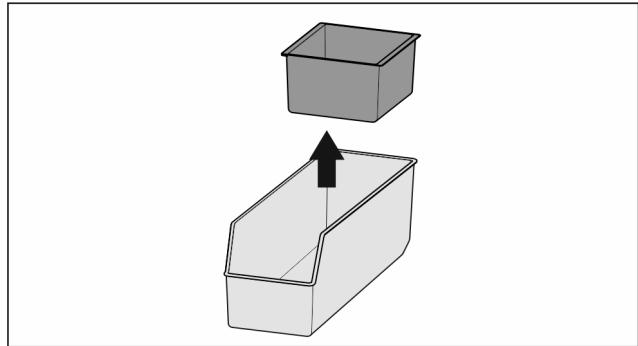


Fig. 126

- Disassembling the FlexSystem

Maintenance

8.13 Ice cube tray with cover*

8.13.1 Using the ice cube tray

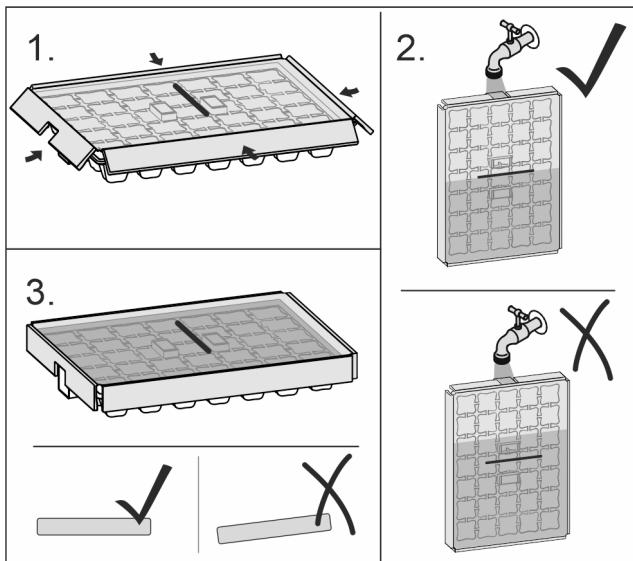


Fig. 127

When the water is frozen:

- ▶ Hold ice cube tray under hot water for a short time.
- ▶ Remove the lid.
- ▶ Gently turn the ends of the ice cube tray in opposite directions.
- ▶ Release the ice cubes.

8.13.2 Dismantling the ice cube tray

You can take the ice cube tray apart for cleaning.

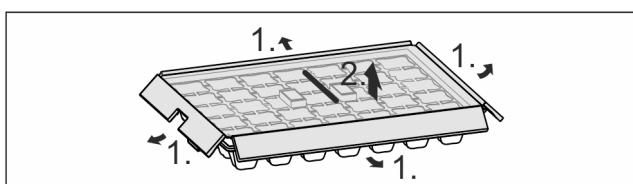


Fig. 128

- ▶ Disassembling the ice cube tray.

9 Maintenance

9.1 FreshAir carbon filter

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

It guarantees the best air quality.

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

Note

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

9.1.1 Removing the FreshAir carbon filter

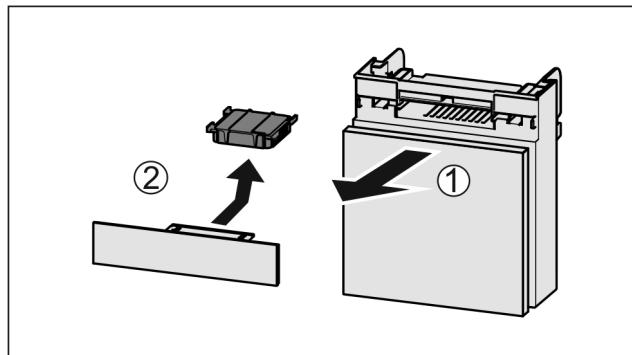


Fig. 129

- ▶ Pull out the compartment Fig. 129 (1).
- ▶ Remove the carbon filter Fig. 129 (2).

9.1.2 Inserting the FreshAir carbon filter

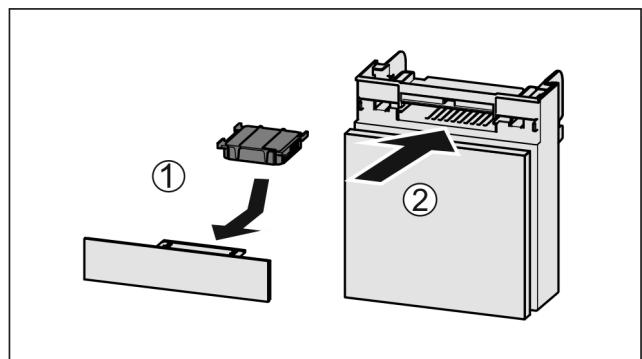


Fig. 130

- ▶ Insert the carbon filter as shown in the diagram Fig. 130 (1).
- ▶ The carbon filter clicks into place.
If the carbon filter is pointing downwards:
 - ▶ Push the compartment in Fig. 130 (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

Ensure that the following requirements are met:

- Door rack has been removed. (see 8.2.2 Removing the door rack)

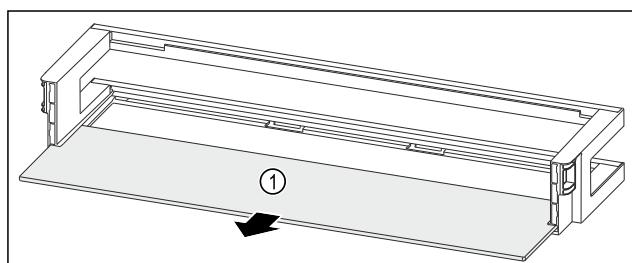


Fig. 131 Door rack with shelf

- ▶ Remove the shelf Fig. 131 (1).

9.2.2 Dismantling the door rack with Vario-Boxes*

Ensure that the following requirements are met:

- Door rack has been removed. (see 8.2.2 Removing the door rack)

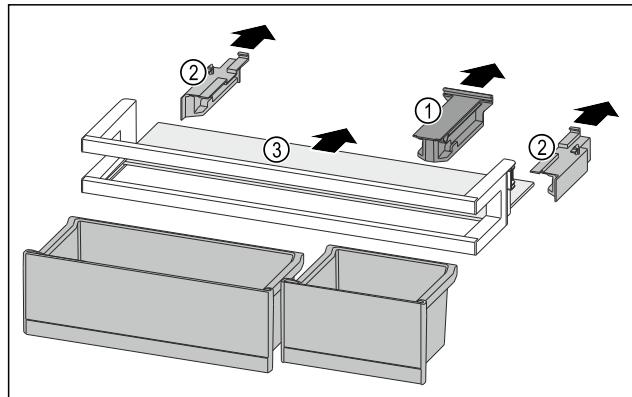


Fig. 132

- Remove the VarioBoxes. (see 8.2.1 Removing VarioBoxes*)
- Pull off the holding part Fig. 132 (1).
- Pull off the side parts Fig. 132 (2).
- Remove the shelf Fig. 132 (3).

9.2.3 Dismantling the door rack with bottle holder

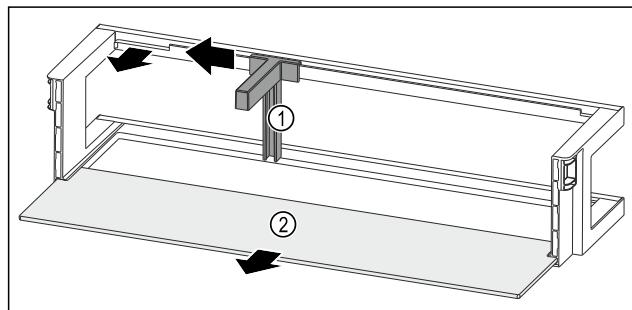


Fig. 133 Door rack with bottle holder and shelf

- Slide the bottle holder Fig. 133 (1) to the side as far as the recess.
- Remove the bottle holder Fig. 133 (1).
- Remove the shelf Fig. 133 (2).

9.3 Assembling the door rack

9.3.1 Assembling the door rack

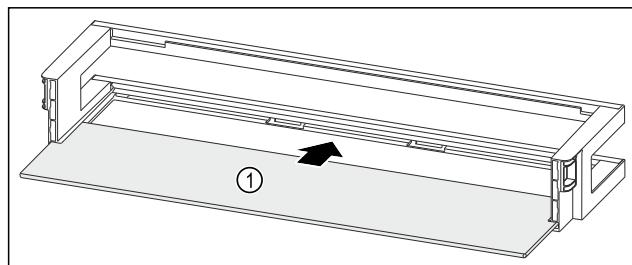


Fig. 134 Door rack with shelf

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

9.3.2 Assembling the door rack with Vario-Boxes*

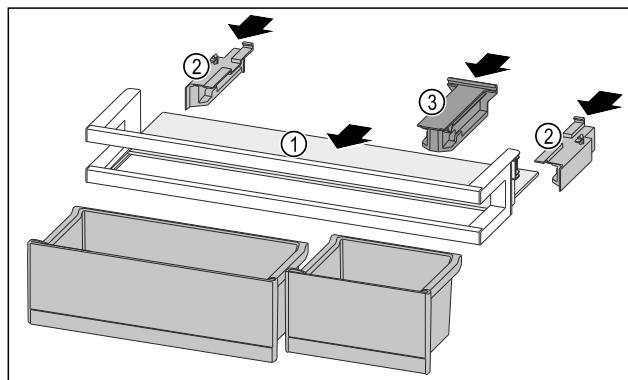


Fig. 135

- Push the shelf Fig. 135 (1) into the side recesses.
- Insert the side parts Fig. 135 (2).
- Insert the holding part Fig. 135 (3).
- Insert the VarioBoxes. (see 8.2.4 Inserting VarioBoxes*)

9.3.3 Assembling the door rack with bottle holder

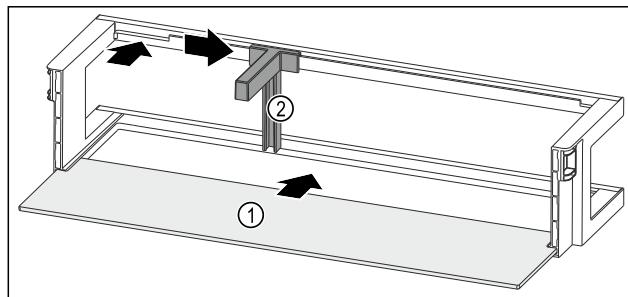


Fig. 136 Door rack with shelf

- Push the shelf Fig. 136 (1) into the side recesses.
- Insert the bottle holder Fig. 136 (2) in the recess.
- Push the bottle holder Fig. 136 (2) to the desired position to the side.

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
Fully extendible*	cannot be disassembled*
Fridge section partial pull-out*	cannot be disassembled*

9.5 Removing / inserting the variable bottle rack

The variable bottle rack can be removed for cleaning.

Maintenance

9.5.1 Removing the variable bottle rack

Ensure that the following requirements are met:

- Bottles have been removed.
- Glass shelf has been removed. (see 8.6.1 Using the variable bottle rack)

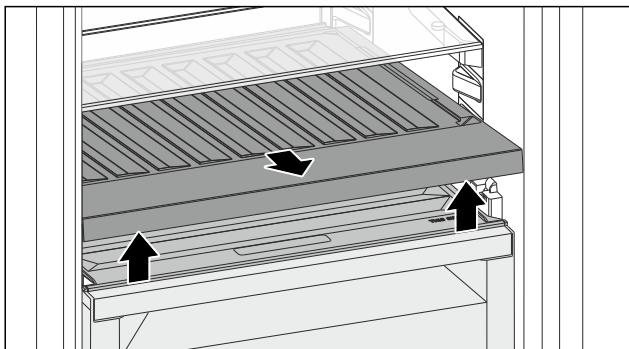


Fig. 137

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

Note

Liebherr recommends:

Do not place any items on the compartment lid below.

9.5.2 Inserting the variable bottle rack

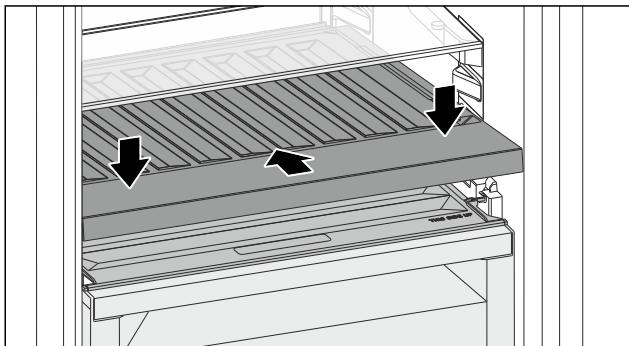


Fig. 138

- 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 shelf. (see 8.6.2 Using the glass shelf)
- or-
- Use the variable bottle rack for bottles.

9.6 Compartment lid for Fruit & Vegetable Safe

You can remove the compartment lid for cleaning.

9.6.1 Removing the compartment lid

Ensure that the following requirements are met:

- The glass shelf directly above the variable bottle rack has been removed.
- The variable bottle rack has been removed.
- The drawer directly below the compartment lid has been removed. (see 8.7 Drawers)

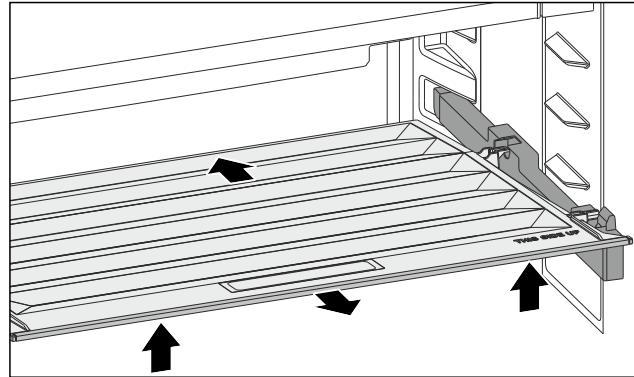


Fig. 139

- 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

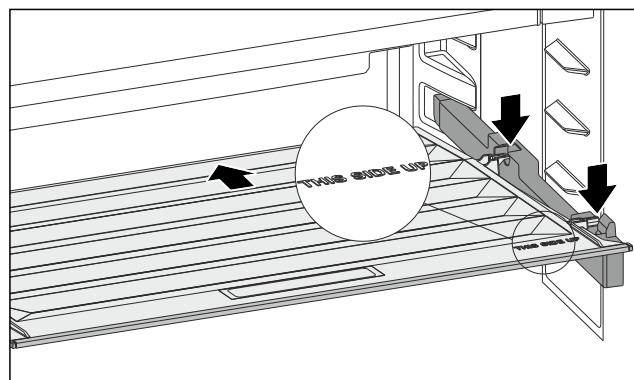


Fig. 140

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



WARNING

Improper defrosting of the appliance!
Injuries and damage.

- Do not use mechanical equipment or other methods to speed up the defrosting process other than those recommended by the manufacturer.
- Do not use electrical heating or steam-cleaning appliances, naked flames or defroster sprays to defrost.
- Do not use sharp objects to remove ice.

Defrosting is performed automatically. The water from the thawing process drains through the outlet and evaporates.

- Clean the drain opening at regular intervals. (see 9.9 Cleaning the appliance)

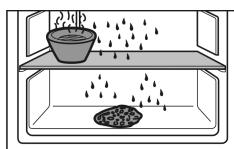
9.8 Defrosting the freezer compartment manually*

A layer of frost or ice forms after prolonged use.

The following factors promote the formation of frost or ice:

- The appliance is opened frequently.
- Hot food is put in.

- ▶ Switch the appliance off.
- ▶ Pull the mains plug out of the socket or switch the fuse off.
- ▶ Wrap the frozen food in newspaper or blankets and store in a cool place.



- ▶ Place a pan of hot water (not boiling) on the middle shelf.
- ▶ This speeds up the defrosting process.
- ▶ Leave the compartment and appliance door open during defrosting.
- ▶ Remove loosened pieces of ice.
- ▶ Soak up the melted ice water with a sponge or cloth several times as necessary.
- ▶ Clean the appliance. (see 9.9 Cleaning the appliance)

9.9 Cleaning the appliance

9.9.1 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)

9.9.2 Cleaning the interior

NOTICE

Improper cleaning!

Damage to the appliance.

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

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

9.9.3 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
- Dividing shelf
- VarioSafe*
- Compartment lid for Fruit & Vegetable Safe
- Drawer
- Adjustable bottle shelf
- FlexSystem

Clean with a damp cloth:

- Retractable rails

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

Wash in the dishwasher up to 60 °C:

- Door rack
- VarioBox*
- Bottle rack
- Holder of the dividing shelf
- Egg rack
- Butter dish
- Ice cube tray*
- ▶ To disassemble components: see the relevant section.
- ▶ Clean the components.

9.9.4 After cleaning

- ▶ Wipe the appliance and the components dry.
- ▶ Connect and switch on the appliance.
- The temperature is cold enough:
- ▶ Place the food inside.
- ▶ Repeat cleaning regularly.

10 Customer help

10.1 Technical specifications

Temperature range	
Cooling	3 °C to 9 °C
BioFresh	0 °C to 3 °C

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

Lighting	
Class ¹	Light source

This product contains one or more energy efficiency class G light sources.

¹ 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
Suction noises	Soft-closing door is being opened and closed.	Normal operating noise
Humming and rustling	The fan is running.	Normal operating noise

Noise	Possible cause	Type of noise	Type of noise
Clicking	Components are switched on and off.	Normal switching noise	Normal switching noise
Rattling or humming	Valves or flaps are working.	Normal switching noise	Normal switching noise
Noise	Possible cause	Type of noise	Lifting
Vibration	Improper installation	Defective noise	Check the installation. Level the appliance.
Rattling	Components, items inside the appliance	Defective noise	Secure components. Leave enough space between the items.

10.3 Technical fault

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

You can fix the following faults yourself.

10.3.1 Appliance function

Defect	Cause	Remedy
The appliance is not working.	→ The appliance is not switched on.	► Switch the appliance on.
	→ 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 refreeze 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.
	→ Not enough ventilation.	► Keep ventilation grille clear, and clean it.
	→ The ambient temperature is too high.	► Problem solution:
	→ 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)
	→ The temperature is set incorrectly.	► Turn down the temperature and check after 24 hours.
	→ The appliance is too close to a heat source (oven, radiator, etc).	► Move the appliance or the heat source.

Defect	Cause	Remedy
	→ The appliance was not correctly installed in the recess.	► Check if the appliance was installed correctly and that the door closes properly.
The door seal is defective or needs to be replaced for another reason.	→ The door seal can be replaced. It can be replaced without the need for special tools.	► Contact Customer Service. (see 10.4 Customer Service)
The appliance builds up too much ice or condensation.	→ The door seal may have slipped out of its groove.	► Check that the door seal is well fitted in the groove.

10.3.2 Features

Defect	Cause	Remedy
The internal light does not come on.	→ The appliance is not switched on.	► Switch the appliance on.
	→ The door was open for longer than 15 minutes.	► Interior lighting 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)
The freezer compartment cannot be closed.*	→ The lock is on when the door is open.	► Use the handle again.

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.



WARNING

Unprofessional repair!
Injuries.

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

10.4.1 Contacting Customer Service

Make sure that the following appliance information is available:

- Appliance name (model and index)
- Service no. (Service)
- Serial no. (S no.)
- Call up the appliance information via the display. (see Device information)
- or-
- Refer to the type plate for appliance information. (see 10.5 Model plate)
- Note down the appliance information.

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

10.5 Model plate

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

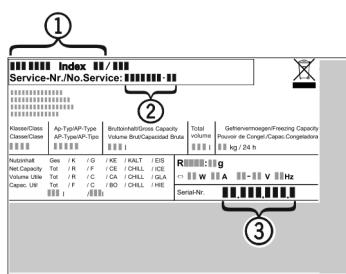


Fig. 141

(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 9.9 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

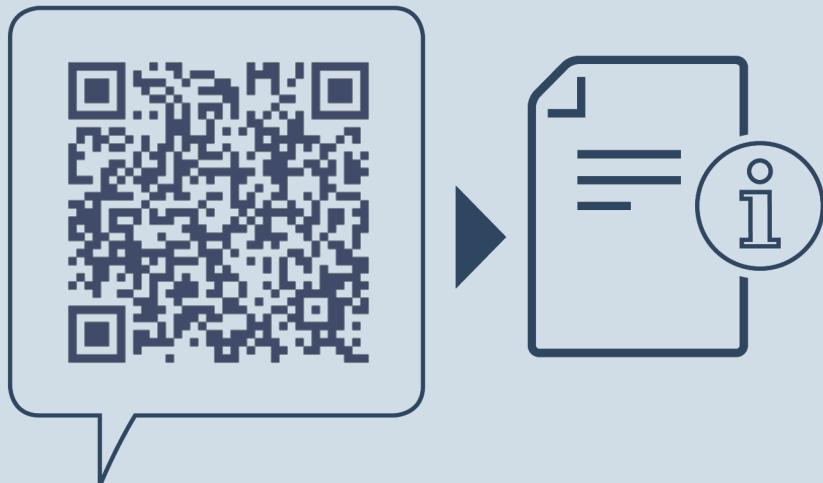


WARNING

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

EN integrated fridge with BioFresh

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