User Guide

Quality, Design and Innovation

home.liebherr.com/fridge-manuals

LIEBHERR

Contents

1 Appliance at a glance..... 3
1.1 Scope of delivery..... 3
1.2 Overview of the appliance and equipment..... 3
1.3 SmartDevice..... 4
1.4 Appliance range of use..... 4
1.5 Conformity..... 4
1.6 SVHC substances according to REACH regulation. 4
1.7 EPREL database..... 4

2 General safety instructions..... 5

3 Functionality of the Touch & Swipe display..... 6
3.1 Navigation and symbol explanation..... 6
3.2 Menus..... 6
3.3 Sleep mode..... 7

4 Putting into operation..... 7
4.1 Switching on appliance (first use)..... 7
4.2 Starting the IceMaker for the first time*..... 8
4.3 Starting the EasyTwist-Ice for the first time*..... 8
4.4 Starting the HydroBreeze for the first time*..... 8

5 Storage..... 8
5.1 Information regarding storage..... 8
5.2 Fridge compartment*..... 8
5.3 BioFresh..... 8
5.4 Freezer compartment..... 8
5.5 Storage times..... 9

6 Saving energy..... 10

7 Controls..... 10
7.1 Controls and displays..... 10
7.1.1 Status display..... 10
7.1.2 Display symbols..... 10
7.2 Appliance functions..... 10
7.2.1 Notes on the appliance functions..... 10
Turn off appliance..... 11
7.2.3 Switching temperature zones off and on..... 11
WiFi*..... 11
Temperature*..... 12
Temperature unit..... 13
BioFresh B-Value *..... 13
SuperCool*..... 13
VarioTemp..... 14
SuperFrost..... 14
Start defrosting cycle..... 15
PartyMode..... 15
HolidayMode*..... 15
SabbathMode*..... 16
EnergySaver..... 16
HydroBreeze*..... 17
IceMaker / MaxIce *..... 17
IceMaker water supply*..... 19
TubeClean *..... 19
CleaningMode..... 19
Display brightness..... 20
Door alarm..... 20
Input lock..... 20
Language..... 21
Device information..... 21
Software..... 21
Reminder..... 21
Demo mode..... 21
Resetting to factory settings..... 22
7.3 Fault messages..... 23
7.3.1 Warnings..... 23
7.3.2 Message..... 23

8 Features..... 23
8.1 Door rack..... 23
8.2 Shelves..... 24
8.3 Dividing shelf..... 24
8.4 VarioSafe *..... 24
8.5 Drawers..... 27
8.6 Fruit & Vegetable safe cover..... 27
8.7 Adjusting the moisture levels..... 28
8.8 HydroBreeze*..... 28
8.9 Glass shelves..... 29
8.10 EasyTwist-Ice*..... 29
8.11 IceMaker*..... 30
8.12 VarioSpace..... 30
8.13 Butter dish*..... 31
8.14 Egg rack*..... 31
8.15 Bottle holder*..... 31
8.16 FlexSystem*..... 31
8.17 Flexible ice compartment divider*..... 32

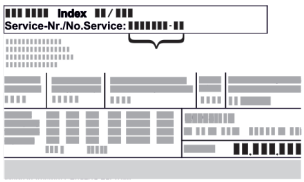
9 Maintenance..... 33
9.1 FreshAir carbon filter..... 33
9.2 Disassembling / assembling pull-out systems..... 33
9.3 Defrosting the appliance..... 33
9.4 Cleaning the appliance..... 34

10 Customer help..... 36
10.1 Technical specifications..... 36
10.2 Operating noises..... 37
10.3 Technical fault..... 37
10.4 Customer Service..... 39
10.5 Model plate..... 39

11 Shutting down..... 39

12 Disposal..... 39
12.1 Preparing appliance for disposal..... 39
12.2 Disposing of the appliance in an environmentally friendly manner..... 40

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

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

These operating instructions apply to:

CBN..	57.. / 76..
SBN..	52..

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

1 Appliance at a glance

1.1 Scope of delivery

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

Your new appliance comes with the following parts:
- Standalone appliance
- Features (depending on the model)
- Installation materials (depending on the model)
- “Quick Start Guide”
- “Installation Guide”
- Service Brochure

1.2 Overview of the appliance and equipment

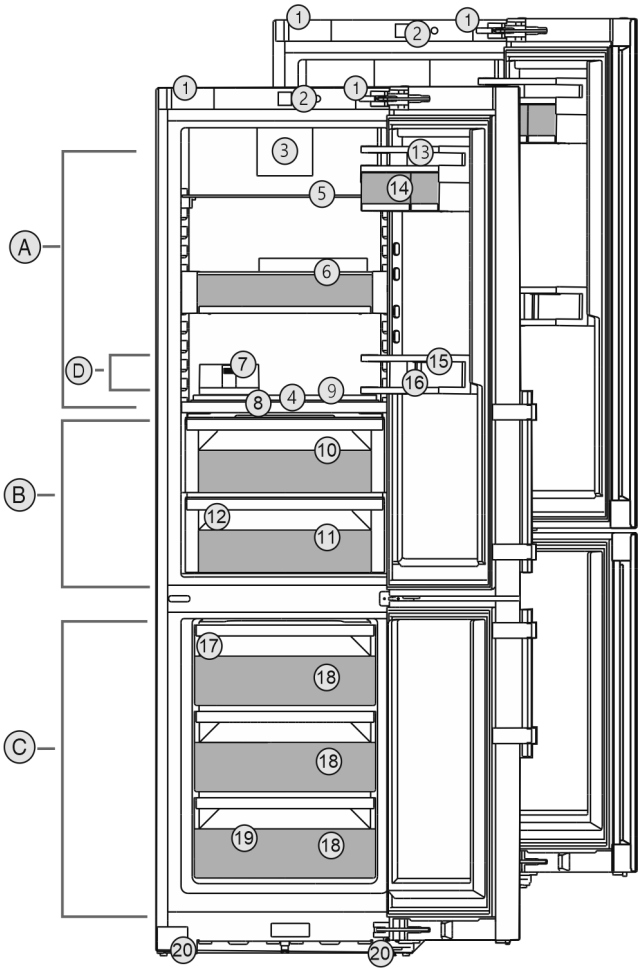


Fig. 1 Example illustration

Temperature range

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

Equipment

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

Note

▶ Shelves, drawers and baskets are arranged for optimum energy efficiency when the appliance is delivered. Changing how the shelves, for example, are inserted in the fridge compartment does not have any impact on energy consumption.

1.3 SmartDevice

SmartDevice is the networking solution for your fridge-freezer.*

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

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

More information about SmartDevice:	**smartdevice.liebherr.com**
Purchasing the SmartDeviceBox in the Liebherr-Hausgeräte store:	**home.liebherr.com/shop/de/deu/smartdevicebox.html**
Downloading the SmartDevice app:	

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

Note

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

You cannot use the SmartDeviceBox.

1.4 Appliance range of use

Intended use

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

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

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

All other types of use are not permitted.

Foreseeable misuse

The following applications are expressly forbidden:

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

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

Climate classifications

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

Note

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

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

1.5 Conformity

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

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

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

1.6 SVHC substances according to REACH regulation

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

1.7 EPREL database

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

* Depending on model and options

asked to enter the model ID. You can find the model ID on the nameplate.

2 General safety instructions

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

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

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

Danger for the user:

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

Fire hazard:

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

Danger of tipping and falling:

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

Danger of food poisoning:

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

Danger of frostbite, numbness and pain:

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

Danger of injury and damage:

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

Risk of crushing:

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

Symbols on the appliance:

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

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

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

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

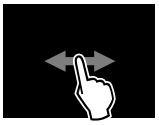
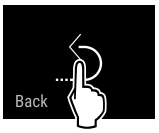
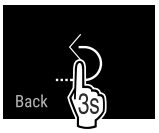
⚠	DANGER	indicates an immediately hazardous situation which will lead to death or serious injuries if it is not avoided.
⚠	WARNING	indicates a hazardous situation which may lead to death or serious injuries if it is not avoided.
⚠	CAUTION	indicates a hazardous situation which may lead to minor or moderate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

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.
	“Open Settings menu” symbol: Navigates to the Settings menu and opens the settings menu. If necessary: Navigate to the desired function in the Settings menu. (see 3.2.1 Opening the Settings menu)
	“Open Advanced menu” symbol: Navigates to the Advanced menu and opens the advanced menu. If necessary: Navigate to the desired function in the Advanced menu. (see 3.2.2 Opening the expanded menu)
No action for 10 seconds	If you do not perform any action on the display for 10 seconds, the display either jumps back to the higher-level menu or directly to the status display.
Open door and close it again.	If you open the door and immediately close it again, the display jumps directly back to the status display.

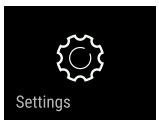
Note: Illustrations of the display are shown in the English version.

3.2 Menus

The appliance functions are distributed over various menus:

Menu	Description
Main menu	When you switch the appliance on, you are automatically in the main menu. From here you can navigate to the most important appliance functions, to the Settings menu and to the Advanced menu.

*** Depending on model and options**

Menu	Description
 Settings menu	The Settings menu contains additional appliance functions for setting up your appliance.
Advanced menu	The advanced menu contains special appliance functions for setting up your appliance. Access to the Advanced menu is protected by the numerical code **1 5 1**.

3.2.1 Opening the Settings menu

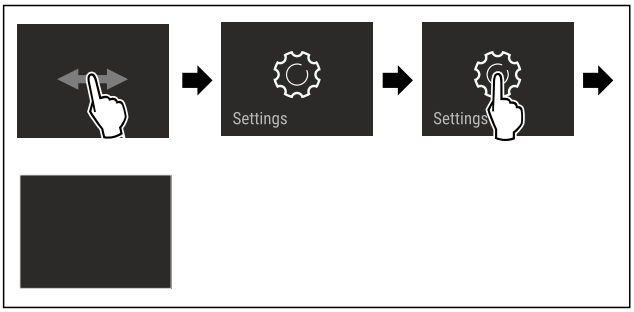


Fig. 2 Example illustration

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

3.2.2 Opening the expanded menu

*Fig. 3 **

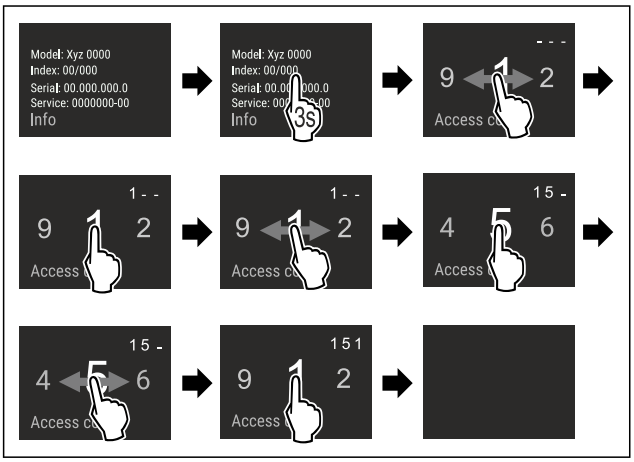


*Fig. 4 Example illustration, access with numerical code **151****

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

3.3 Sleep mode

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

3.3.1 Ending sleep mode

▶ Touch the display briefly with your finger.

▷ Sleep mode is ended.

4 Putting into operation

4.1 Switching on appliance (first use)

Make sure that the following requirements are fulfilled:

❑ The appliance has been installed and connected in accordance with the installation instructions.
❑ All adhesive strips, adhesive and protective films and transport locks are removed from inside and on the appliance.
❑ All marketing leaflets are removed from the drawers.
❑ You are familiar with the functionality of the Touch & Swipe display. (see 3 Functionality of the Touch & Swipe display)

Switch on the appliance using the Touch & Swipe display:

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

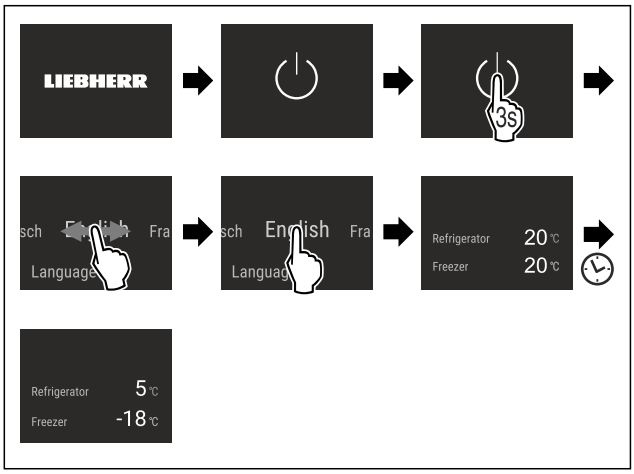


*Fig. 5 Example illustration**

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

More information:

- Start the IceMaker for the first time. (see 4.2 Starting the IceMaker for the first time*) *
- Start the EasyTwist-Ice for the first time. (see 4.3 Starting the EasyTwist-Ice for the first time*) *
- Start the HydroBreeze for the first time. (see 4.4 Starting the HydroBreeze for the first time*) *
- Start the SmartDevice for the first time. (see 1.3 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.

4.2 Starting the IceMaker for the first time*

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

Make sure that the following requirements are fulfilled:

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

▶ Clean the IceMaker. (see 9.4.6 Cleaning the EasyTwist-Ice*) *

4.3 Starting the EasyTwist-Ice for the first time*

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

Make sure that the following requirements are fulfilled:

❑ The appliance is properly connected.

▶ Clean the EasyTwist-Ice. (see 9.4.6 Cleaning the Easy-Twist-Ice*)
▶ Fill the water tank.

4.4 Starting the HydroBreeze for the first time*

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

Make sure that the following requirements are fulfilled:

❑ The appliance is properly connected.

▶ Clean the HydroBreeze. (see 9.4.5 Cleaning the Hydro-Breeze*)
▶ Fill the water tank. (see 8.8.1 Fill the water tank)
▶ Activate HydroBreeze. (see HydroBreeze*)

5 Storage

5.1 Information regarding storage

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

Note
The energy consumption increases and the cooling power goes down if ventilation is not sufficient.
▶ Always keep air slots clear.

Observe the following specifications for storage:

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

Note
Failure to follow these guidelines can lead to foodstuffs spoiling.

5.2 Fridge compartment*

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

5.2.1 Arranging your food properly

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

5.3 BioFresh

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

Note
If the temperature drops below 0 °C foods may freeze.
▶ Store cold-sensitive produce such as cucumbers, aubergines, courgettes and tropical fruit in the fridge compartment.

5.3.1 Fruit & Vegetable safe

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

The humidity in the compartment depends on the moisture content of the chilled goods placed in it, and also depends on how often the compartment is opened. You can regulate the humidity level. (see 8.7 Adjusting the moisture levels)

Arranging your food properly

▶ Store unpackaged fruit and vegetables.
If the humidity is too high:
▶ Regulate the humidity. (see 8.7 Adjusting the moisture levels)

5.3.2 Meat & Dairy safe

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

Arranging your food properly

▶ Store dry or packaged food.

5.4 Freezer compartment

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

5.4.1 Freezing food

Freezing quantity

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

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

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

Freezing food using SuperFrost

Depending on the quantity to be frozen, you can activate SuperFrost before freezing in order to achieve lower freezing temperatures. (see SuperFrost)

▶ Activate SuperFrost if the amount of food you have to freeze is more than approx. 2 kg.

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

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

Arranging your food properly

CAUTION

Risk of injury from broken glass!

Bottles and cans with beverages can burst during freezing. This applies in particular to carbonated beverages.

▶ Only freeze bottles and cans with beverages if you have activated the BottleTimer function in the SmartDevice app.

Freezing quantity	Arranging your food properly
Small amount of food to freeze	Place packaged food in the top drawer. If possible, place groceries at the back of the drawer near the rear wall.
Maximum amount of food to freeze	Distribute packaged groceries throughout all drawers, but do not place any groceries in the bottom drawer. If possible, place groceries at the back of the drawer near the rear wall.

5.4.2 Defrosting food

WARNING

Risk of food poisoning!

▶ Do not re-freeze thawed food.

▶ Use defrosted foodstuff as soon as possible.

You can defrost food in several ways:

- In the fridge compartment
- In the microwave
- In the oven/fan-assisted oven
- At room temperature

▶ Take out only as much food as necessary.

5.5 Storage times

Refer to the specified storage times as a guide.

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

5.5.1 Fridge section*

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

5.5.2 BioFresh

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

Note

▶ Remember that high-protein foods perish quicker; shellfish and crustaceans do not last as long as fish, and fish does not last as long as meat.

Recommended storage periods in the Fruit & Vegetable-Safe		
Vegetables, salads		
Artichokes	at 1 °C	up to 14 days
Celery	at 1 °C	up to 28 days
Cauliflower	at 1 °C	up to 21 days
Broccoli	at 1 °C	up to 13 days
Chicory	at 1 °C	up to 27 days
Lettuce	at 1 °C	up to 19 days
Peas	at 1 °C	up to 14 days
Kale	at 1 °C	up to 14 days
Carrots	at 1 °C	up to 80 days
Garlic	at 1 °C	up to 160 days
Turnip	at 1 °C	up to 14 days
Lettuce	at 1 °C	up to 13 days
Herbs	at 1 °C	up to 13 days
Leeks	at 1 °C	up to 29 days
Mushrooms	at 1 °C	up to 7 days
Radishes	at 1 °C	up to 10 days
Brussels sprouts	at 1 °C	up to 20 days
Asparagus	at 1 °C	up to 18 days
Spinach	at 1 °C	up to 13 days
Savoy	at 1 °C	up to 20 days
Fruit		
Apricots	at 1 °C	up to 13 days
Apples	at 1 °C	up to 80 days
Pears	at 1 °C	up to 55 days
Blackberries	at 1 °C	up to 3 days

Recommended storage periods in the Fruit & Vegetable-Safe		
Dates	at 1 °C	up to 180 days
Strawberries	at 1 °C	up to 7 days
Figs	at 1 °C	up to 7 days
Blueberries	at 1 °C	up to 9 days
Raspberries	at 1 °C	up to 3 days
Currants	at 1 °C	up to 7 days
Sweet cherries	at 1 °C	up to 14 days
Kiwis	at 1 °C	up to 80 days
Peaches	at 1 °C	up to 13 days
Plums	at 1 °C	up to 20 days
Cranberries	at 1 °C	up to 60 days
Rhubarb	at 1 °C	up to 13 days
Gooseberries	at 1 °C	up to 13 days
Grapes	at 1 °C	up to 29 days

5.5.3 Freezer compartment

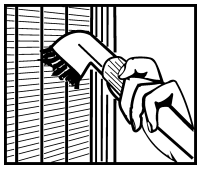
Recommended storage period for various types of food		
Ice cream	at -18 °C	2 to 6 months
Sausages, ham	at -18 °C	2 to 3 months
Bread, baked goods	at -18 °C	2 to 6 months
Game, pork	at -18 °C	6 to 9 months
Fatty fish	at -18 °C	2 to 6 months
Lean fish	at -18 °C	6 to 8 months
Cheese	at -18 °C	2 to 6 months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

6 Saving energy

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

Dust deposits increase energy consumption:

- For refrigerators with heat exchangers dust the metal grid on the back of the appliance once a year.



7 Controls

7.1 Controls and displays

7.1.1 Status display

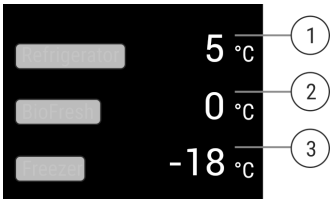


Fig. 6

(1) Temperature display of the fridge section*
(2) Temperature display BioFresh*
(3) Freezer compartment temperature display*

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

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.
❑ You have familiarised yourself with the operating and display elements of your appliance.

Turn off appliance

This setting turns off the whole appliance.

Switching off the entire appliance

Fig. 7

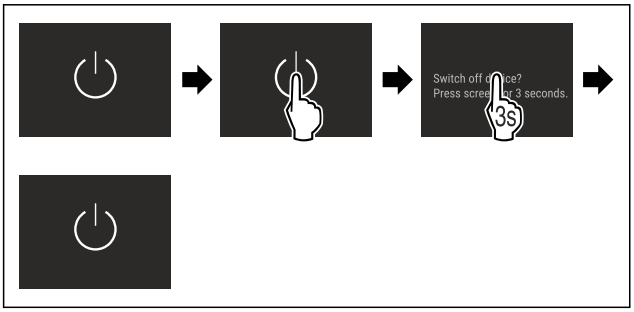


Fig. 8

▶ Turning off the IceMaker .*
▷ Off: Display goes black.

7.2.3 Switching temperature zones off and on

You can switch temperature zones of the appliance off independently.

Application:

- Cleaning
- Defrosting

Switching the fridge compartment off

Make sure that the following requirements are fulfilled:

❑ Refrigerator compartment has been emptied.

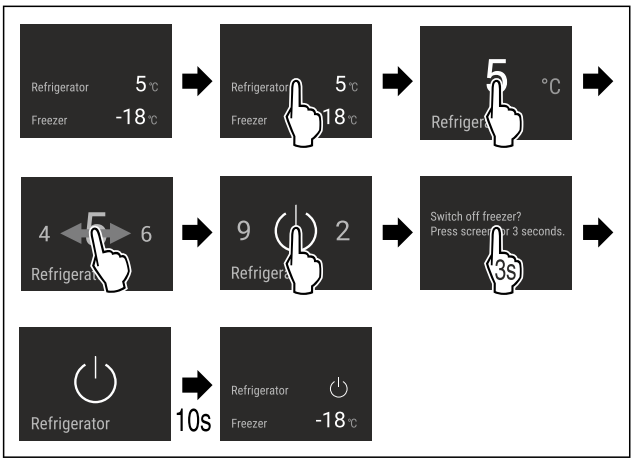


Fig. 9 Example illustration

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

Switching the freezer compartment off

Make sure that the following requirements are fulfilled:

❑ Freezer compartment has been emptied.
❑ IceMaker is deactivated.*
❑ EasyTwist-Ice water tank is empty.*

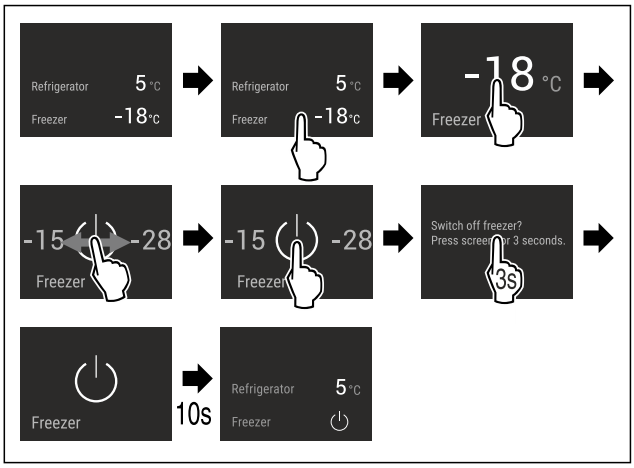


Fig. 10 Example illustration

▶ Carry out action steps according to the illustration.
▷ Freezer compartment is switched off.

Switching the fridge compartment on

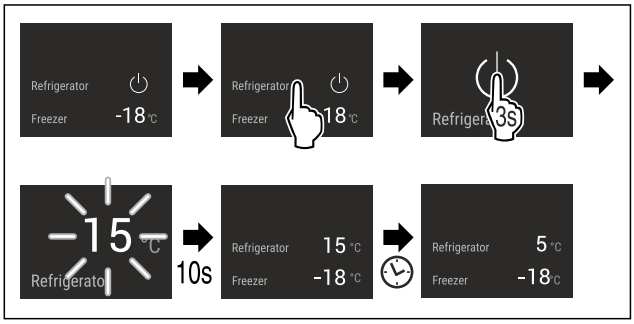


Fig. 11 Example illustration

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

Switching the freezer compartment on

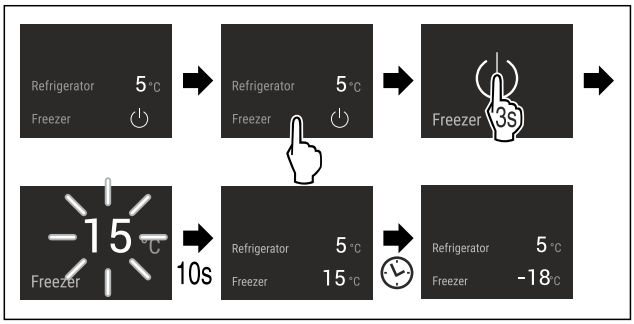


Fig. 12 Example illustration

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

WiFi*

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

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

More information on the SmartDevice: (see 1.3 SmartDevice)

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

You cannot use the SmartDeviceBox.

Establishing the WiFi connection for the first time

Make sure that the following requirements are fulfilled:

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

Fig. 13

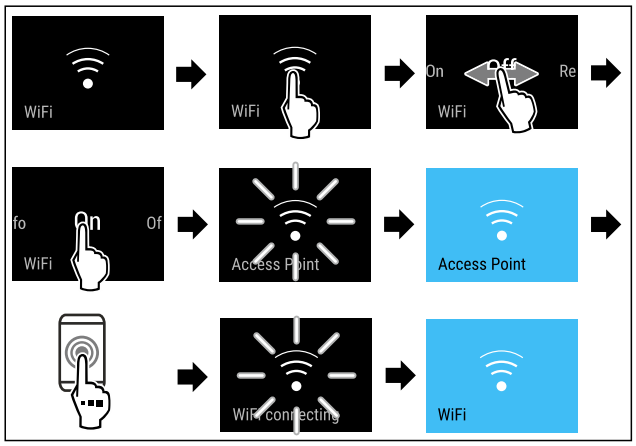


Fig. 14

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

Disconnecting from the WiFi

Fig. 15

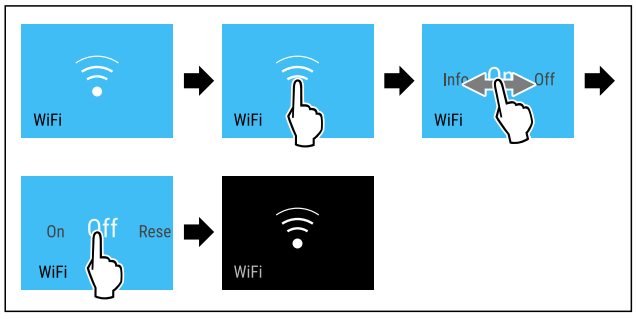


Fig. 16

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

Resetting the WiFi connection

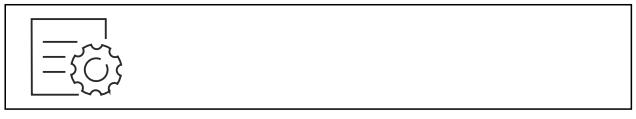


Fig. 17

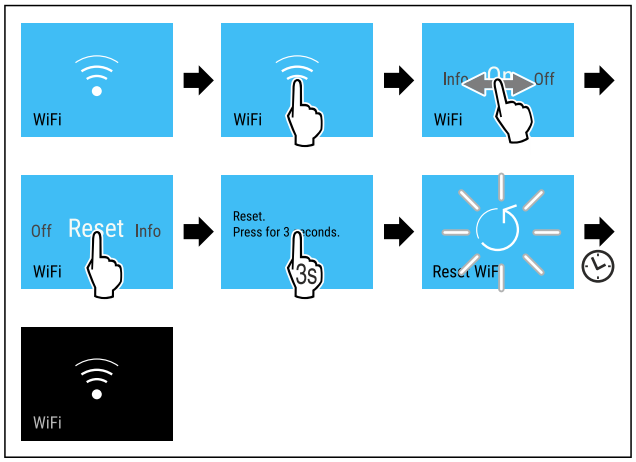


Fig. 18

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

Showing information about the WiFi connection

Fig. 19

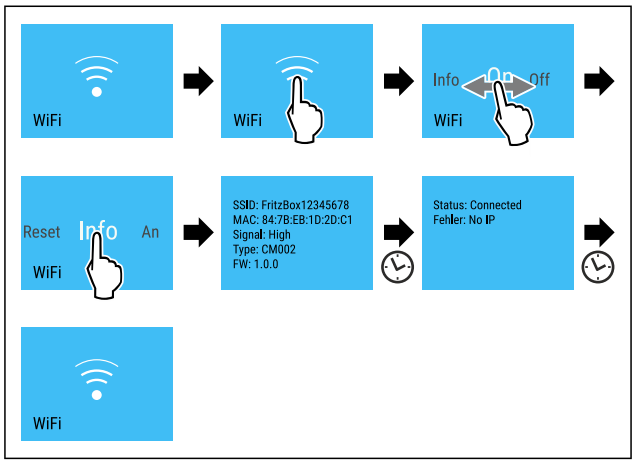


Fig. 20

▶ Carry out action steps according to the illustration.

5 °C Temperature*

Use this function to set the temperature.*

The temperature depends on the following factors:

- How often the door is opened
- How long the door is open for
- The room temperature of the installation site
- The type, temperature and amount of food

Temperature zone*	Recommended setting*
5 °C Fridge compartment*	5 °C*
-18 °C Freezer compartment*	-18 °C*

Temperature zone*	Recommended setting*
0 °C BioFresh*	(see Setting the temperature in the BioFresh*) *

Setting the temperature in the fridge compartment*

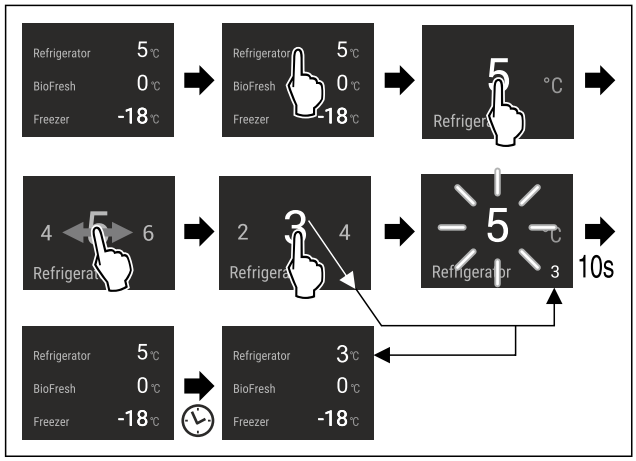


Fig. 21

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

Setting the temperature in the freezer compartment*

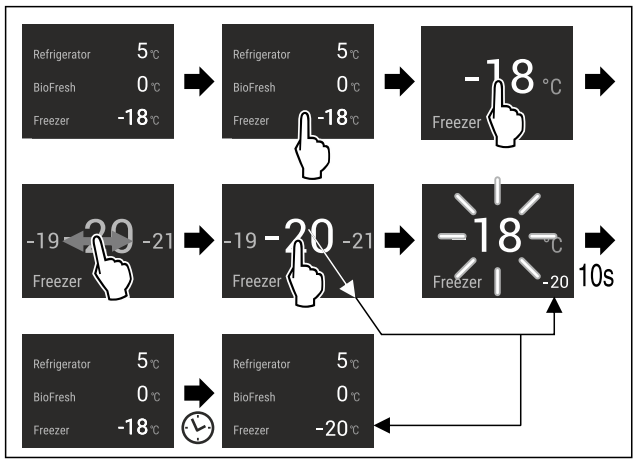


Fig. 22

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

Setting the temperature in the BioFresh*

You can set the temperature using the **BioFresh B-Value** in the customer menu.

°C/°F 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. 23

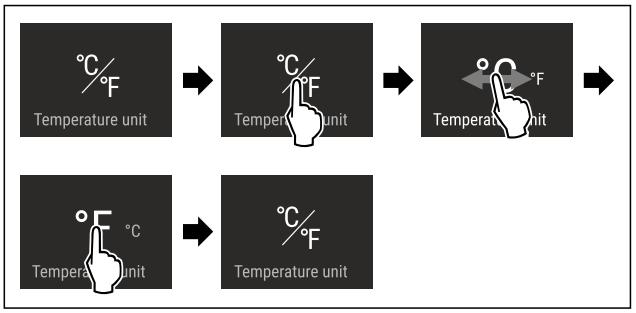


Fig. 24 Example illustration: Switch from degrees Celsius to degrees Fahrenheit.

▶ 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. 25

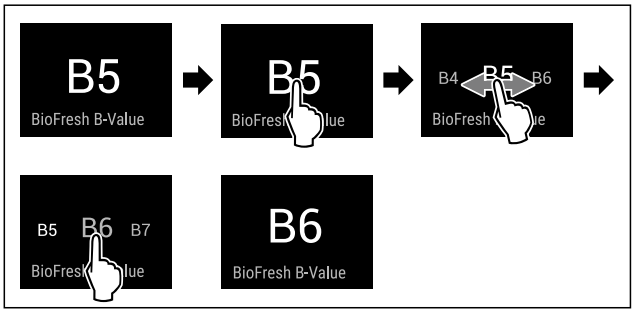


Fig. 26 Example illustration: Switch from B5 to B6.

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

SuperCool*

This function selects the lowest cooling temperature. This gives you colder storage temperatures.

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

Use:

- Cool large amounts of food quickly.

Activating/deactivating the function

▶ Using the fridge section: activate the function when you add the goods.

▶ Activating/deactivating.

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

VarioTemp

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

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

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

Activating VarioTemp

Make sure that the following requirements are fulfilled:*

❑ The IceMaker has been cleaned. (see 9.4.6 Cleaning the EasyTwist-Ice*) *

❑ The EasyTwist-Ice has been cleaned. (see 9.4.6 Cleaning the EasyTwist-Ice*) *

WARNING

Risk of food poisoning!

▶ Do not re-freeze thawed food.

▶ Use defrosted foodstuff as soon as possible.

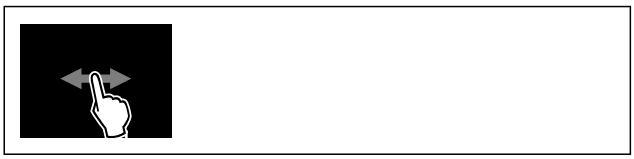


Fig. 27

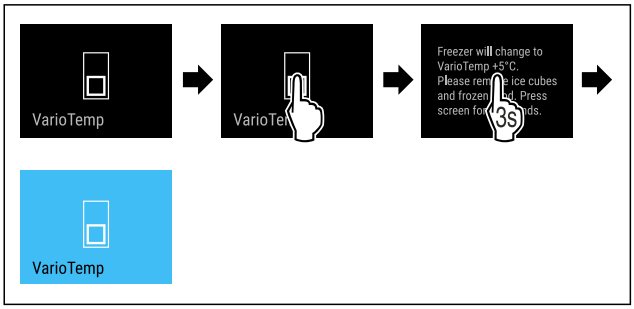


Fig. 28

▶ Carry out steps according to the illustration.

▷ VarioTemp is activated.

▷ VarioTemp is set to the preselected value.

▷ The status display does not show the preset temperature until it is reached.

Adjusting VarioTemp

Make sure that the following requirements are fulfilled:

❑ The VarioTemp is activated. (see Activating VarioTemp)

WARNING

Risk of food poisoning!

▶ Do not re-freeze thawed food.

▶ Use defrosted foodstuff as soon as possible.

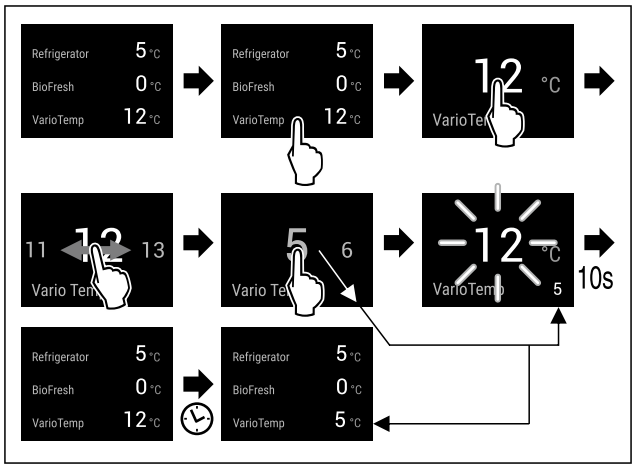


*Fig. 29 Example illustration: Change VarioTemp from 12 °C to 5 °C for a fridge-freezer combination with BioFresh.**

▶ Carry out steps according to the illustration.

▷ VarioTemp is adjusted.

▷ The status display does not show the new set temperature until it is reached.

Deactivating VarioTemp

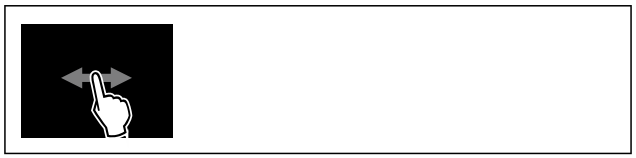


Fig. 30

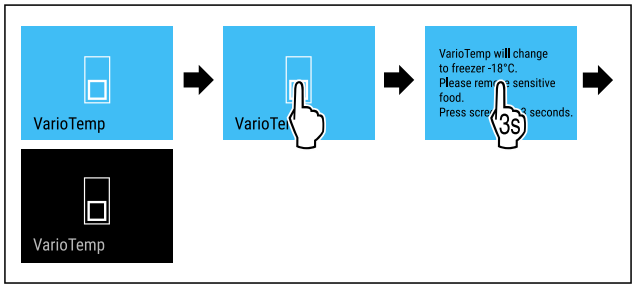


Fig. 31

▶ Carry out steps according to the illustration.

▷ VarioTemp is deactivated.

▷ The freezer compartment is cooled to the preset temperature.

SuperFrost

This function selects the lowest freezing temperature. This gives you colder storage temperatures.

This function refers to the freezer section *Fig. 1 (C)*.

Use:

- For storing more than 2 kg fresh food every day.
- Freezing fresh food quickly to the core.
- Increasing the cold reserves in the stored goods before defrosting the appliance.

Activating/deactivating the function

With a small amount to freeze:

▶ Activate 6 hours before use.
With a maximum amount to freeze:
▶ Activate 24 hours before use.
▶ Activating/deactivating.

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

Start defrosting cycle

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

Starting defrosting cycle

Fig. 32

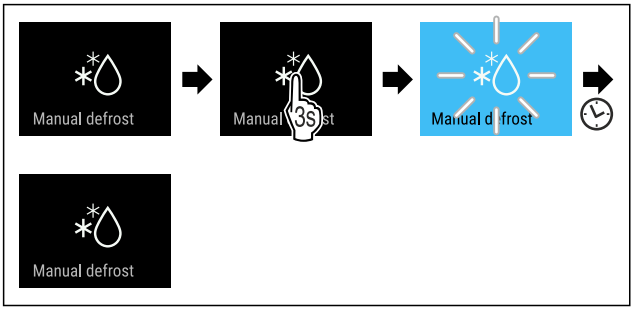


Fig. 33

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

Cancelling defrosting cycle

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

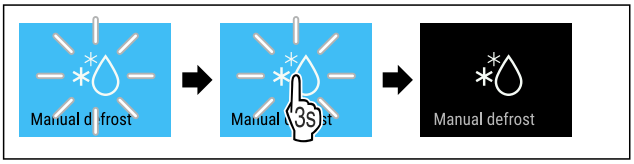


Fig. 34

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

PartyMode

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

PartyMode activates the following functions:

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

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

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

Activating PartyMode

Make sure that the following requirements are fulfilled:*

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

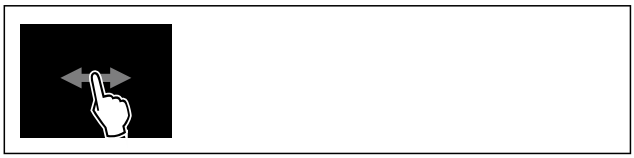


Fig. 35

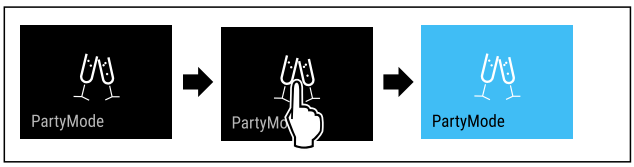


Fig. 36

▶ 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. 37

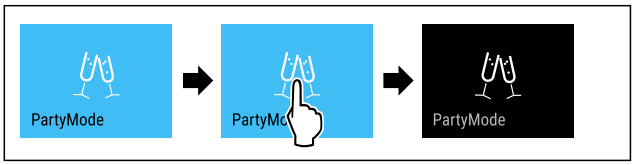


Fig. 38

▶ 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*

This function minimises the energy consumption during an extended absence. The temperature of the refrigerator compartment is set to 15 °C and this is displayed on the status screen when the temperature has been reached.*

The set freezer temperature remains unchanged.*

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

Use:*

- Save energy if you plan to be away for a while.
- Avoid coming home to bad smells and mould.

Activating/deactivating the function*

▶ Empty everything from the fridge section.
▶ Activating/deactivating .

▷ On: Fridge temperature is raised.
▷ Off: the previously set temperature is restored.

SabbathMode*

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

Device status when SabbathMode is active
The status display shows SabbathMode permanently.
All functions on the display are locked except for the **Deactivate SabbathMode function**.
Active functions remain active.
The display remains bright when you close the door.
The interior lighting is deactivated.
Reminders are not implemented. The set time interval stops.
Reminders and warnings are not displayed.
There is no door alarm.
There is no temperature alarm.
The IceMaker is switched off.*
The defrosting cycle operates only for the specified time, without considering the device consumption.*
After a power failure, the device 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. 39

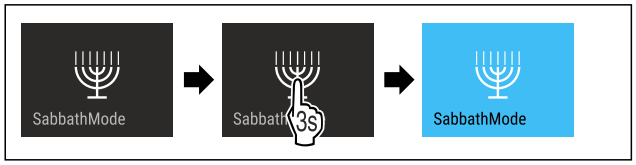


Fig. 40

▶ 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:

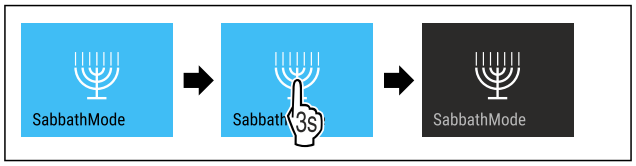


Fig. 41

▶ 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 Temperature*)	Temperature with active EnergySaver
5 °C Fridge section*	5 °C *	7 °C *
-18 °C Freezer section*	-18 °C *	-16 °C *

Temperatures

Activating EnergySaver

Fig. 42

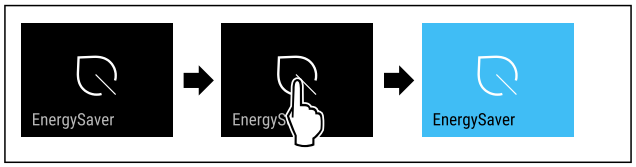


Fig. 43

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

Deactivating EnergySaver

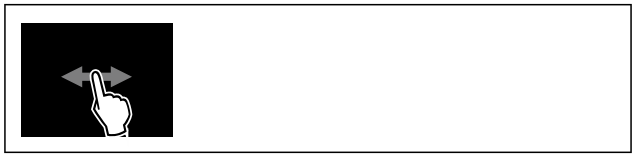


Fig. 44

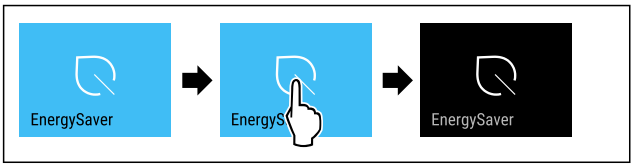


Fig. 45

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

HydroBreeze*

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

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

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

HydroBreeze duration when the door is open

Activating HydroBreeze

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

Make sure that the following requirements are fulfilled:
❑ The HydroBreeze is clean. (see 9.4.5 Cleaning the HydroBreeze*)
❑ The water tank is full. (see 8.8.1 Fill the water tank)

Activate HydroBreeze by selecting a value for the HydroBreeze duration:

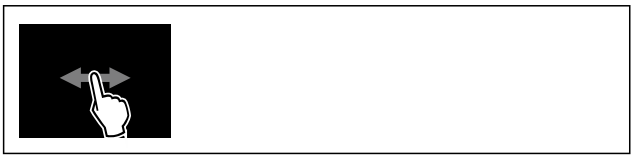


Fig. 46

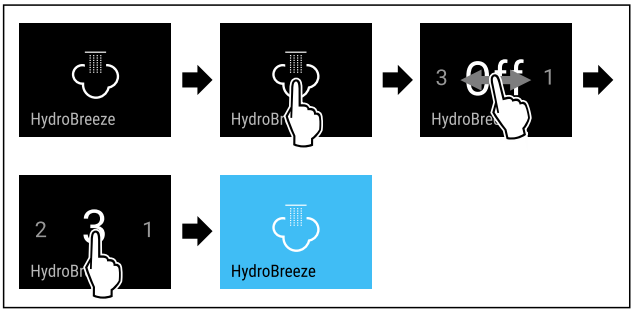


Fig. 47 Example illustration: Activate HydroBreeze with value 3.

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

Deactivating HydroBreeze

Fig. 48

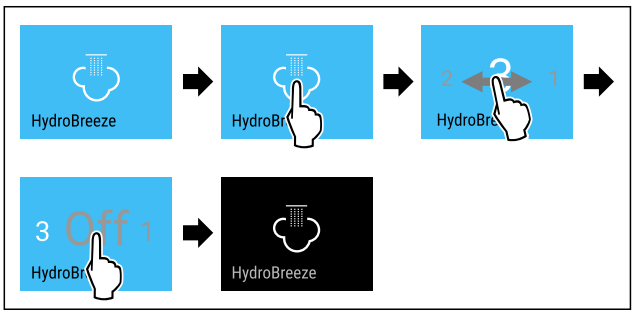


Fig. 49

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

IceMaker / MaxIce *

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

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

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

Activating IceMaker

Make sure that the following requirements are fulfilled:
❑ The water supply is established at the fixed water connection. See installation instructions.*
❑ IceMaker is put into operation. (see 8.11 IceMaker*)

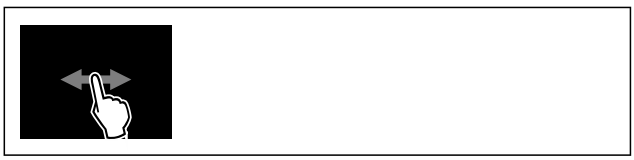


Fig. 50

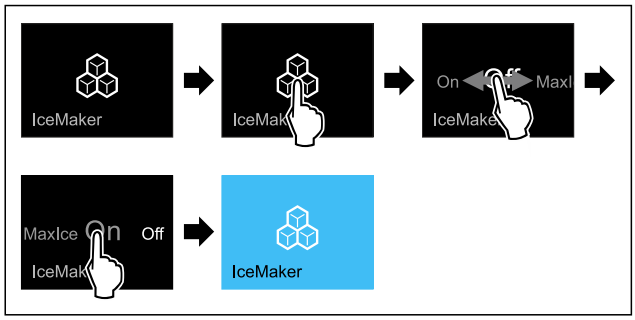


Fig. 51

▶ Carry out action steps according to the illustration.

-or-

▶ Activate with the SmartDevice app.

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

Activating the IceMaker with MaxIce

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

❑ The water supply is established at the fixed water connection. See installation instructions.*

❑ IceMaker is put into operation. (see 8.11 IceMaker*)

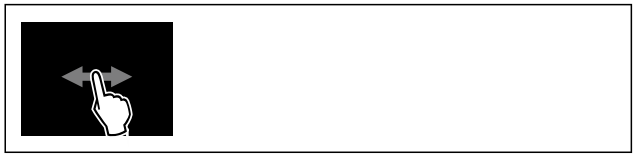


Fig. 52

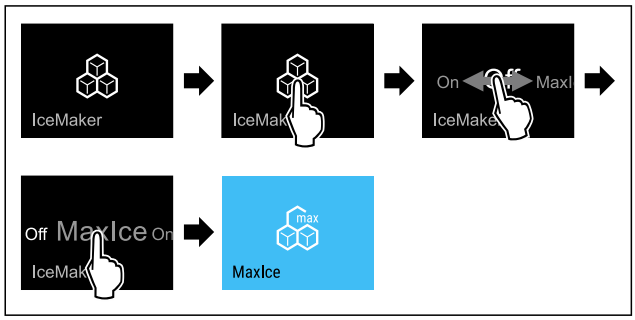


Fig. 53

▶ Carry out action steps according to the illustration.

-or-

▶ Activate with the SmartDevice app.

▷ The IceMaker is activated with MaxIce.

Changing between the IceMaker and MaxIce

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

Fig. 54

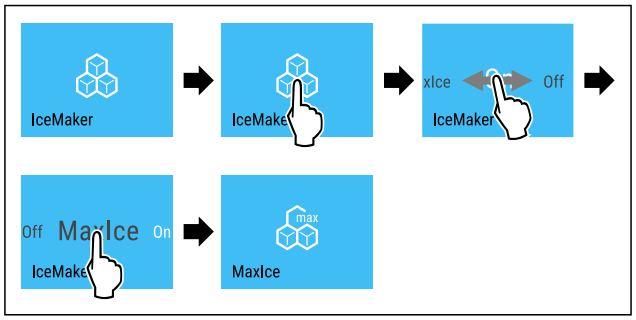


Fig. 55

▶ Carry out action steps according to the illustration.

▷ The IceMaker is activated with MaxIce.

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

Fig. 56

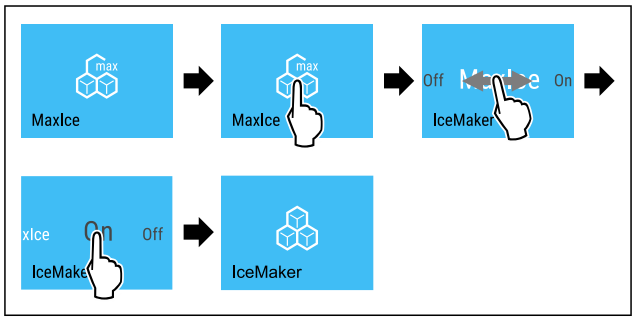


Fig. 57

▶ Carry out action steps according to the illustration.

▷ IceMaker is activated.

▷ MaxIce is deactivated.

Deactivating the IceMaker / MaxIce

Fig. 58

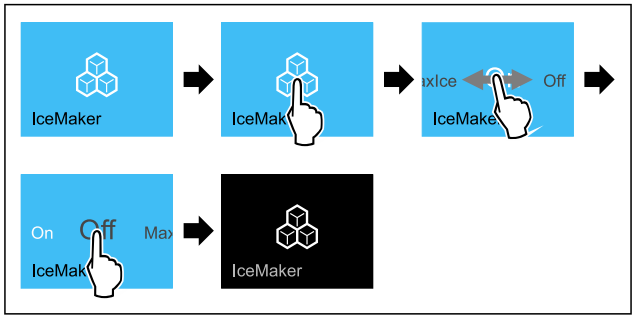


Fig. 59 Example illustration of the active IceMaker function

▶ Carry out action steps according to the illustration.

-or-

▶ Deactivate with the SmartDevice app.

▷ IceMaker and MaxIce are deactivated.

▷ If ice cubes are currently being made, the system completes the process.

▷ The IceMaker goes off automatically.

*** Depending on model and options**

5 IceMaker water supply*

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

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

Setting the IceMaker water supply

Make sure that the following requirements are fulfilled:

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

Fig. 60

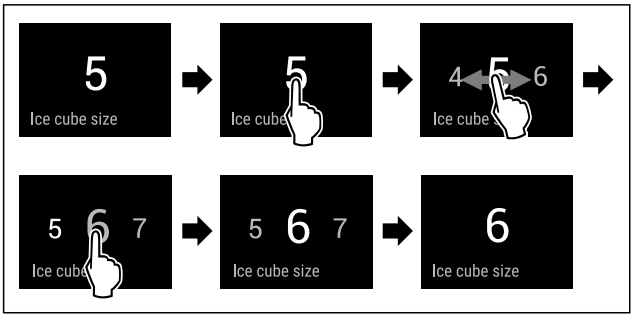


Fig. 61 Example illustration: Switch from value 5 to value 6.

▶ Carry out action steps according to the illustration.
▷ IceMaker water supply is set.

TubeClean *

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

Activating TubeClean

Make sure that the following requirements are fulfilled:

❑ IceMaker cleaning is prepared. (see 9.4.7 Cleaning the IceMaker*)
❑ Empty container with a capacity of 1.5 l and with a maximum height of 10 cm is ready.

▶ Place the container in the drawer under the IceMaker.

Fig. 62

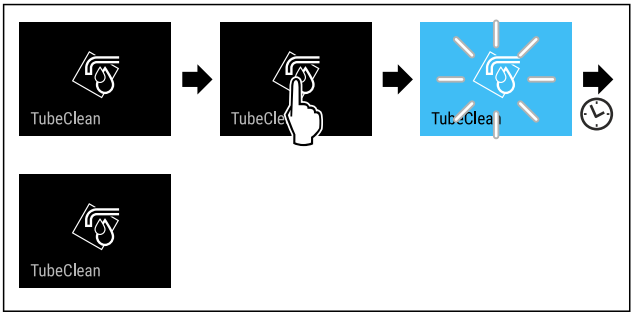


Fig. 63

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

Deactivating TubeClean

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

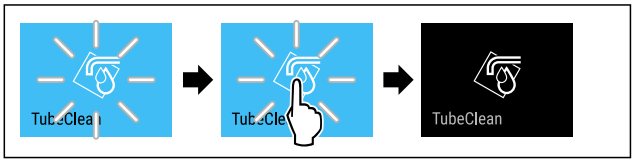


Fig. 64

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

CleaningMode

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

This setting applies to the fridge section.

Application:

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

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

Device status

Activating CleaningMode

Fig. 65

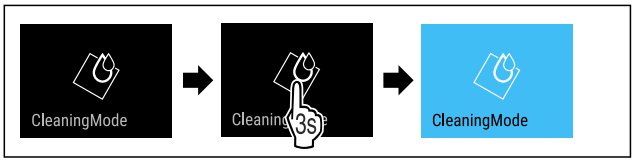


Fig. 66

▶ 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:

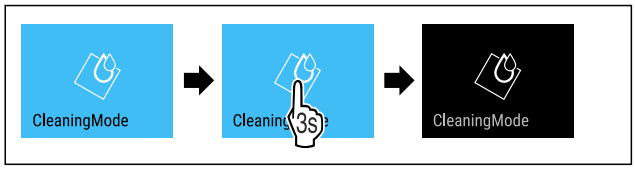


Fig. 67

▶ 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 display brightness

Fig. 68

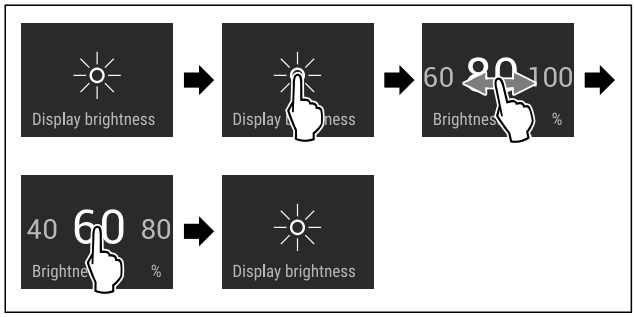


Fig. 69 Example illustration: Switch from 80 % to 60 %.

▶ Carry out action steps according to the illustration.
▷ The display 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
- 3 minutes
- Off

Setting the door alarm

Fig. 70

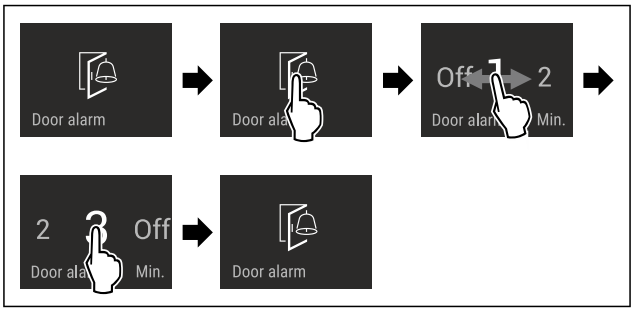


Fig. 71 Example illustration: Change door alarm from 1 minute to 3 minutes.

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

Deactivating the door alarm

Fig. 73

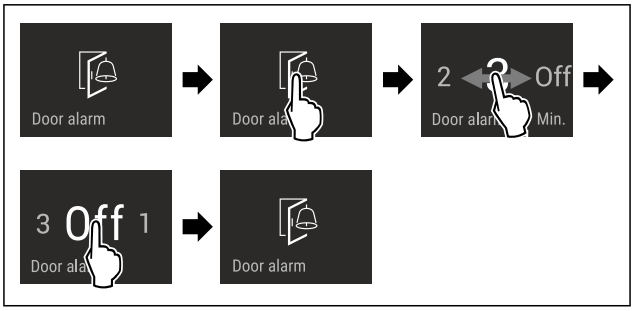


Fig. 74

▶ 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. 75

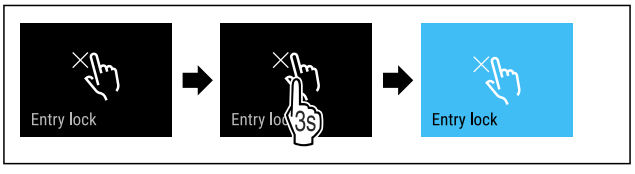


Fig. 76

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

*** Depending on model and options**

Deactivating the input lock

Fig. 77

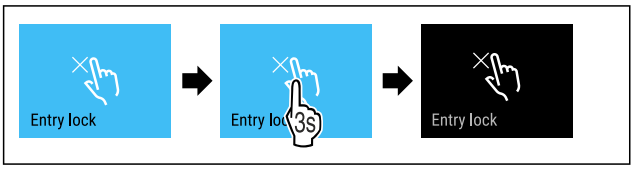


Fig. 78

▶ 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
- Русский
- 温度单位

Setting the language

Fig. 79

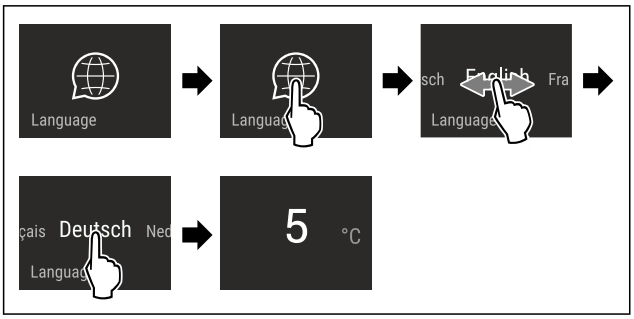


Fig. 80 Example illustration depending on the language and temperature

▶ 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. 81

Fig. 82

▶ 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. 83

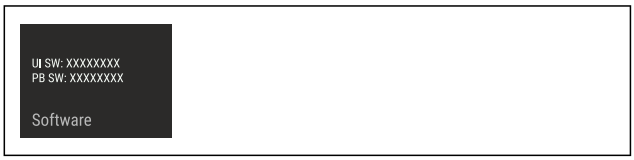


Fig. 84

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

Reminder

Reminders are given out acoustically by a beep and visually by a symbol in the display. The signal gets louder until the alert stops.

Replace FreshAir active carbon filter

This message appears when the air filter needs replacing.

▶ Change the air filter every six months.
▶ Confirm the message with OK.
▷ The service interval resets.
▷ The air filter guarantees the air quality in the fridge.

Activating the setting

▶ Activating/deactivating .

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. 85

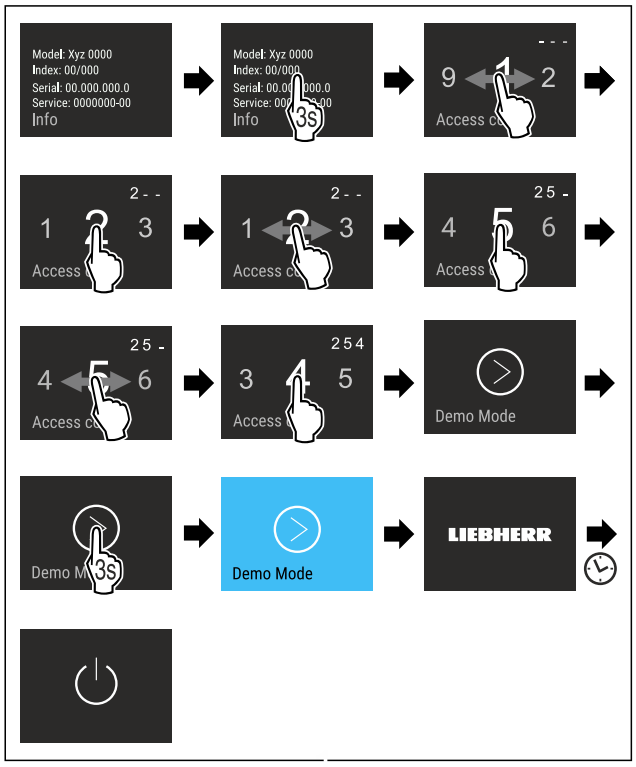


Fig. 86

▶ 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. 87

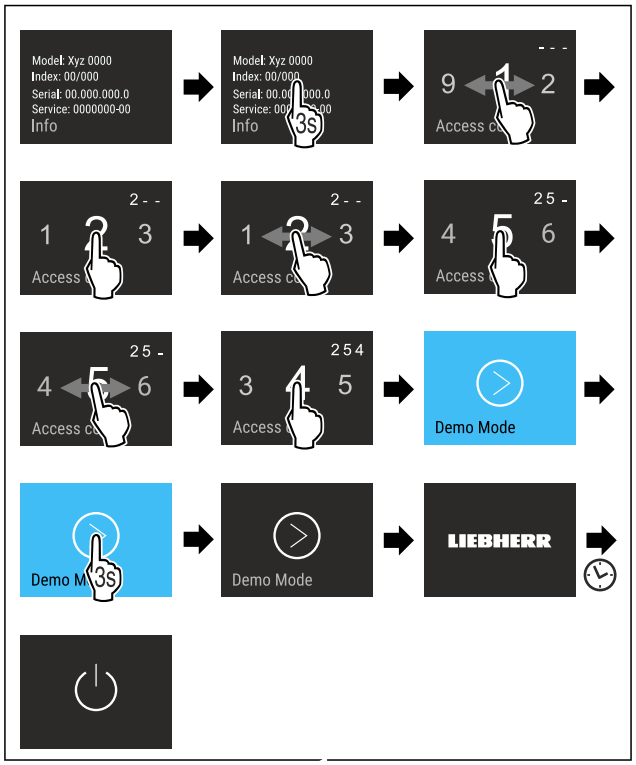


Fig. 88

▶ 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. 89

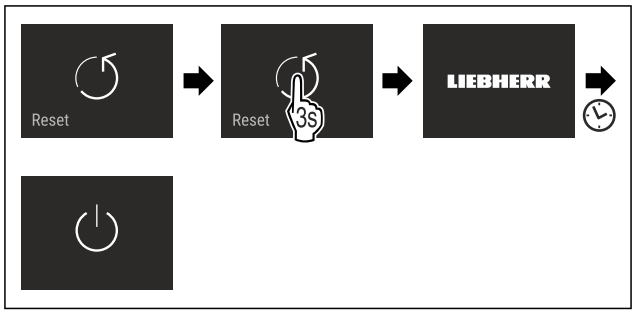


Fig. 90

▶ 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))

*** Depending on model and options**

7.3 Fault messages

Fault messages appear in the display. There are two categories of fault message:

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

7.3.1 Warnings

Close the door

This message appears if the door is open for too long.

You can set how long it takes for this message to appear .

▶ Stop alarm: Confirm the message.

-or-

▶ Close the door.

Power cut

This message appears if the freezer temperature increased due to a power cut. After the power is restored, the appliance continues to work at the set temperature.

▶ Stop alarm: Confirm the message.

▷ Temperature alert appears (see Temperature alarm) .

Temperature alarm

This message appears if the freezer temperature does not match the set temperature.

Variations in temperature could be because:

- Hot, fresh food was inserted.
- Too much warm room air flowed in when rearranging and removing food.
- The power was cut off for a while.
- The appliance is faulty.

When the fault is eliminated the appliance continues to work at the set temperature.

▶ Confirm the display.

▷ The highest temperature is shown.

▶ Confirm display again.

▷ The status display is displayed.

▷ The current temperature is shown.

Error

This message appears if there is a fault with the appliance. An appliance component indicates a fault.

▶ Open the door.

▶ Note down the fault code.

▶ Confirm the message.

▷ The signal tone stops.

▷ The status display appears.

▶ Close the door.

▶ Contact customer service. (see 10.4 Customer Service)

7.3.2 Message

Insert IceMaker drawer*

This message appears if the IceMaker drawer is open.

▶ Push in the IceMaker drawer.

▷ The message disappears.

▷ The IceMaker produces ice cubes.

8 Features

8.1 Door rack

8.1.1 Move/remove the door rack

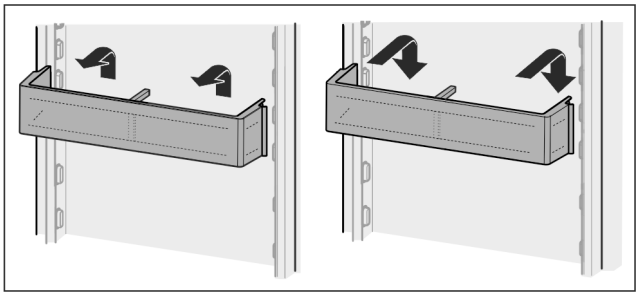


Fig. 91

▶ Slide the rack upwards.

▶ Pull forwards.

▶ Re-insert it in reverse order.

8.1.2 Disassembling the door rack

The door rack can be taken apart for cleaning.

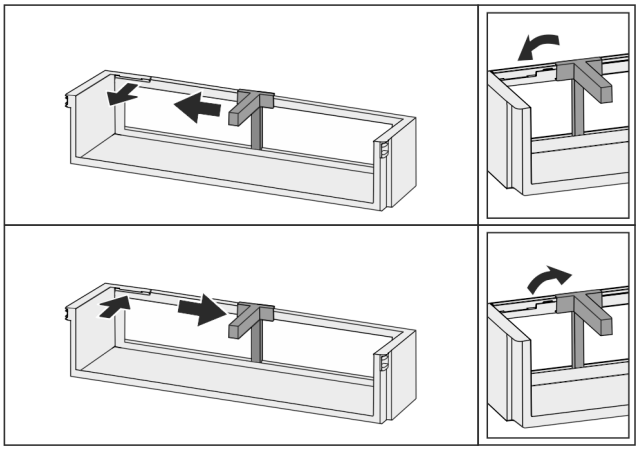


Fig. 92

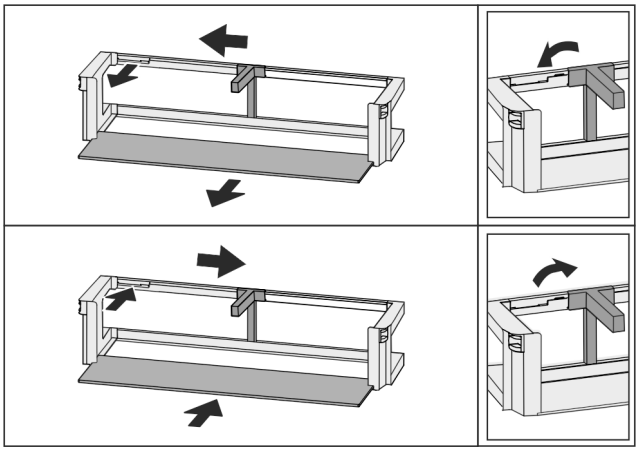


Fig. 93

▶ Disassemble the door rack.

8.2 Shelves

8.2.1 Adjusting/removing the shelves

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

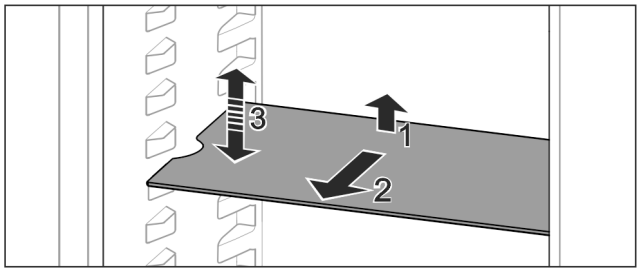


Fig. 94

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

-or-

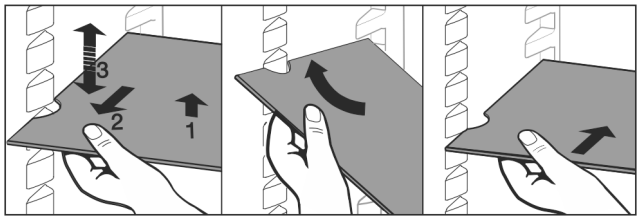


Fig. 95

▶ Remove the shelf completely: Pull it out to the front.

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

8.3 Dividing shelf

8.3.1 Using the dividing shelf

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

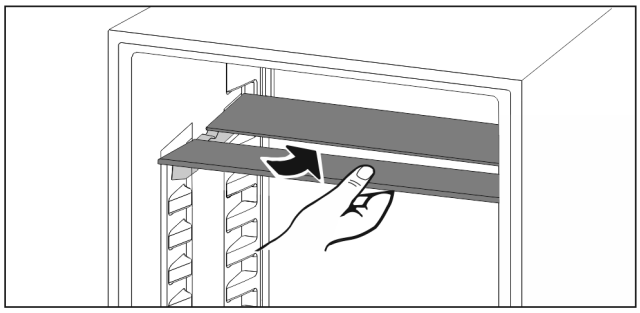


Fig. 96

▶ Push the dividing shelf underneath as shown.

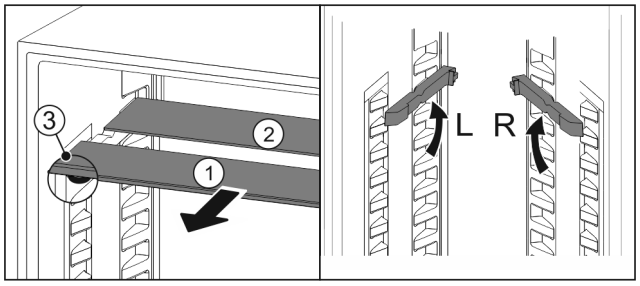


Fig. 97

Adjusting the height:

▶ Pull the glass panels out *Fig. 97 (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. 97 (1)* and trim strip are at the front.
▷ The stops *Fig. 97 (3)* point down.

8.4 VarioSafe *

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

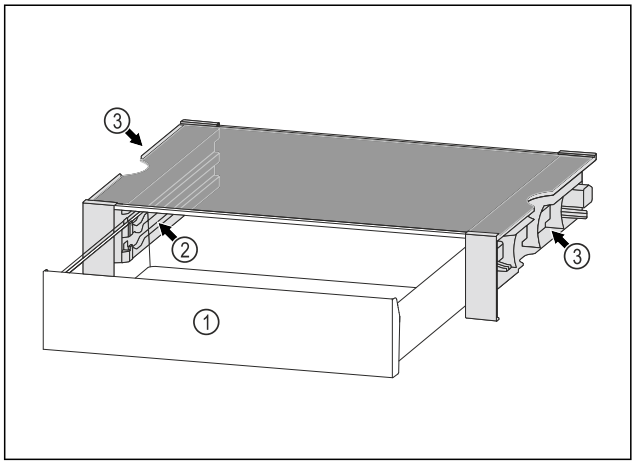


Fig. 98

(1) VarioSafe drawer

(2) Side panels with ribs for VarioSafe drawer

(3) Recesses on the left and right side panel

8.4.1 Inserting the VarioSafe

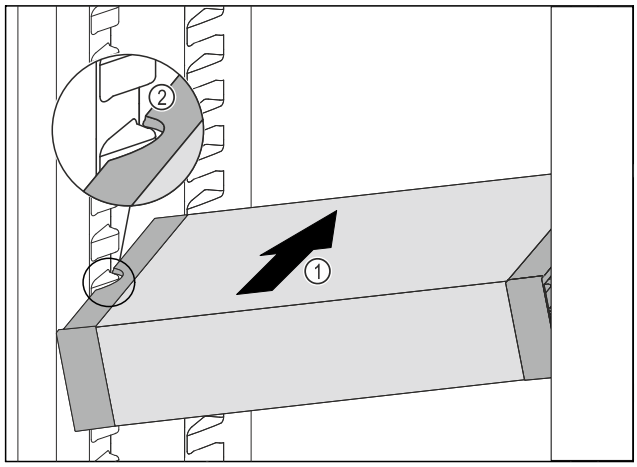


Fig. 99

▶ Insert the VarioSafe into the fridge section at an angle *Fig. 99 (1)* until the recesses in the side *Fig. 99 (2)* of the VarioSafe are at the level of the support rib in the fridge section.

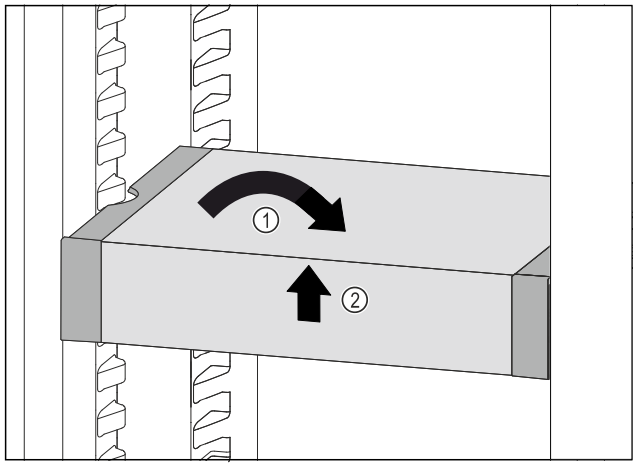


Fig. 100

▶ Set VarioSafe straight. *Fig. 100 (1)*
▶ Lift VarioSafe at the front. *Fig. 100 (2)*

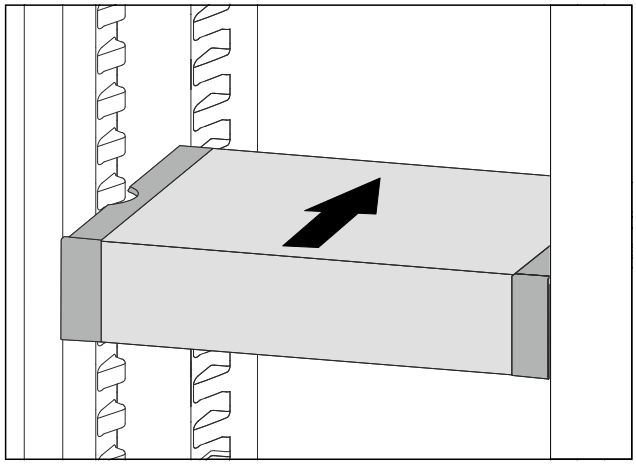


Fig. 101

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

8.4.2 Repositioning the VarioSafe

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

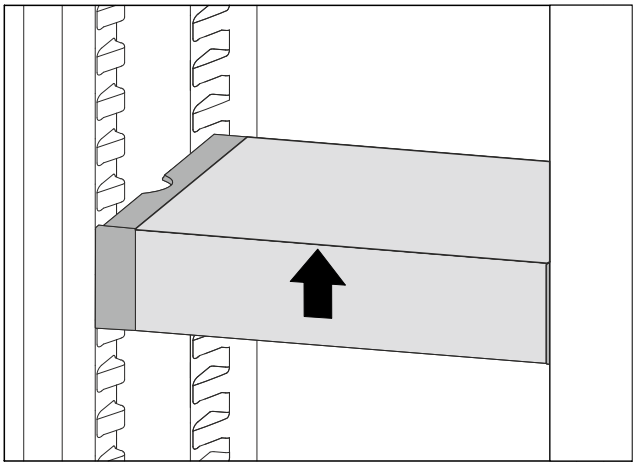


Fig. 102

▶ Lift VarioSafe at the front.

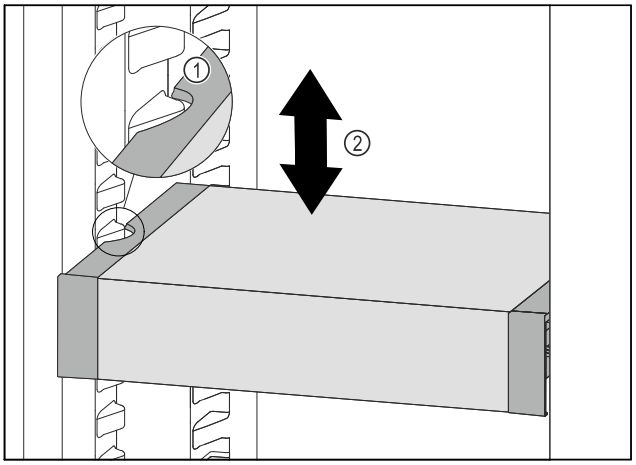


Fig. 103

▶ 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. 103 (1)*
▶ Move VarioSafe up or down in the refrigerator compartment until the desired height is reached. *Fig. 103 (2)*

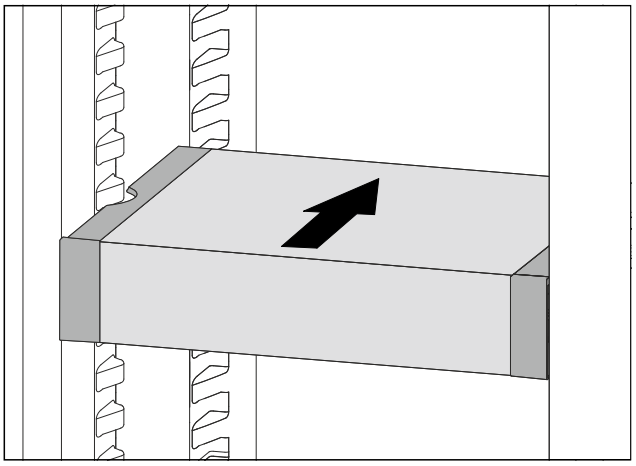


Fig. 104

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

8.4.3 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.

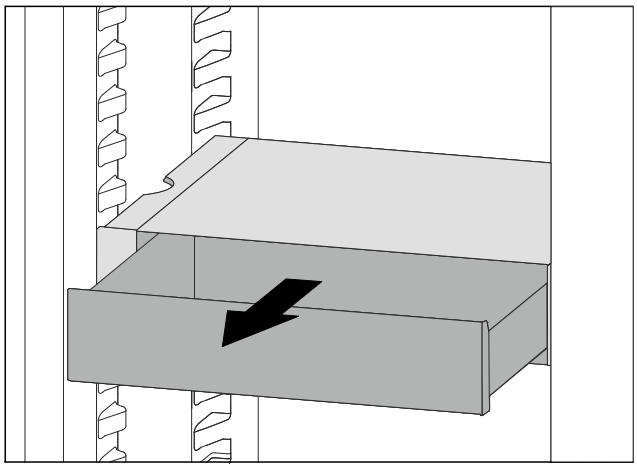


Fig. 105

- ▶ 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.

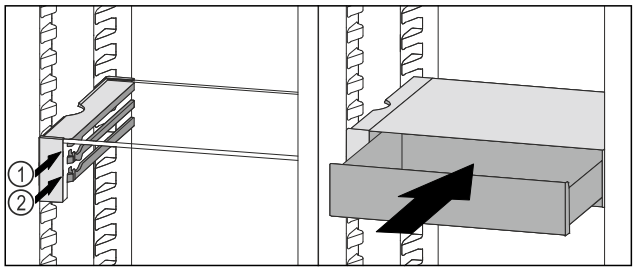


Fig. 106

- ▶ Lift the VarioSafe drawer up at the front.
- ▶ Place the VarioSafe drawer behind the stoppers on desired rib *Fig. 106 (1)* or *Fig. 106 (2)*.
- ▷ VarioSafe drawer is offset in height.

8.4.4 Removing the VarioSafe

You can remove the VarioSafe as a whole.

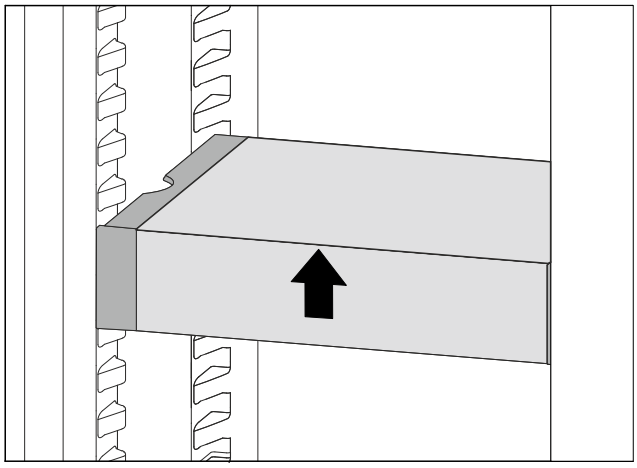


Fig. 107

- ▶ Lift VarioSafe at the front.

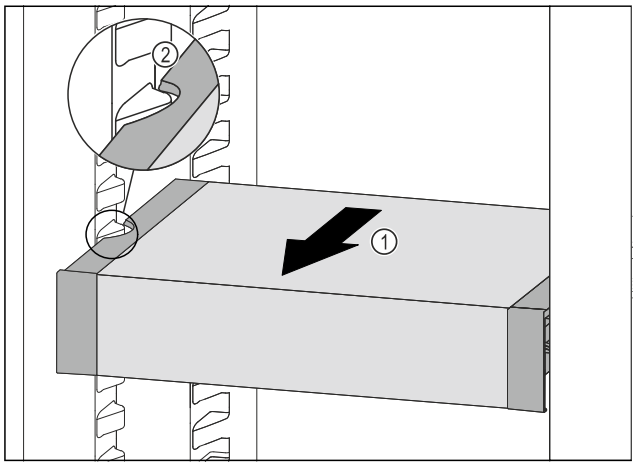


Fig. 108

- ▶ Pull VarioSafe forwards *Fig. 108 (1)* until the recesses in the side of the VarioSafe are at the level of the support rib in the fridge section. *Fig. 108 (2)*

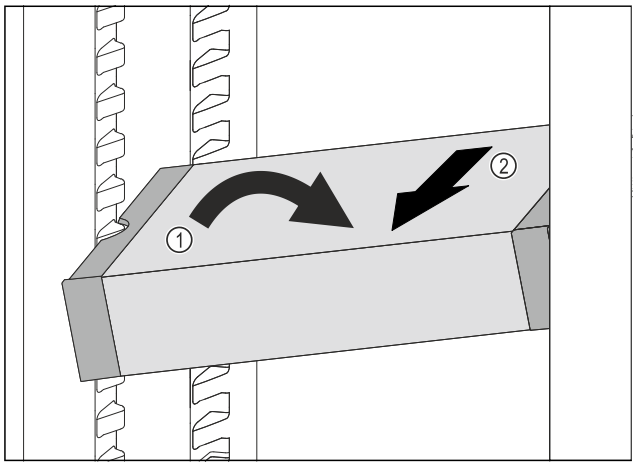


Fig. 109

- ▶ Set VarioSafe in refrigerator compartment at an angle. *Fig. 109 (1)*
- ▶ Take VarioSafe out to the front. *Fig. 109 (2)*
- ▷ VarioSafe is removed.

8.4.5 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.

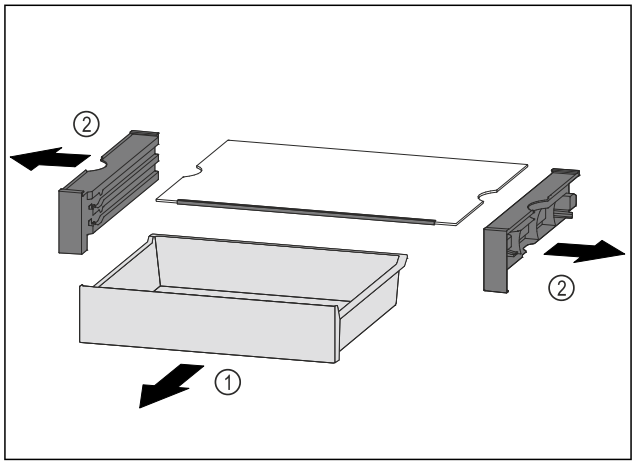


Fig. 110

- ▶ Remove VarioSafe as a whole. (see 8.4.4 Removing the VarioSafe)
- ▶ Disassemble VarioSafe according to the illustration.

8.5 Drawers

You can remove the drawers for cleaning.

You can remove the drawers to use VarioSpace.

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

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

8.5.1 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

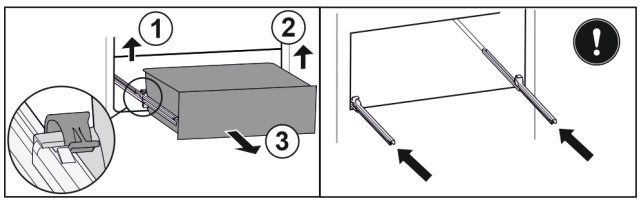


Fig. 111
▶ Pull out drawer as far as it will go.
▶ Lift left clamp and simultaneously pull drawer forwards on the left. *Fig. 111 (1)*
▶ Lift right clamp and simultaneously pull drawer forwards on the right. *Fig. 111 (2)*
▶ Remove drawer to the front. *Fig. 111 (3)*
▶ Slide rails in.

Inserting drawer

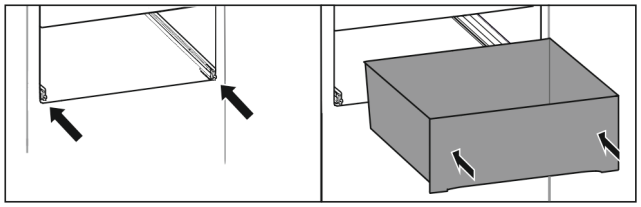


Fig. 112
▶ Slide rails in.
▶ Place drawer on rails.
▶ Slide in drawer to the back.
▷ Drawer latches in audibly at the back.

Partial pull-out freezer compartment*

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

Removing drawer

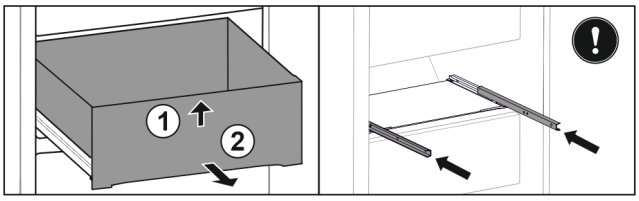


Fig. 113
If the drawer is in the top freezer:
▶ Pull out drawer as far as it will go.
▶ Lift up drawer at the front. *Fig. 113 (1)*
▶ Remove drawer to the front. *Fig. 113 (2)*
▶ Slide rails in.

-or-

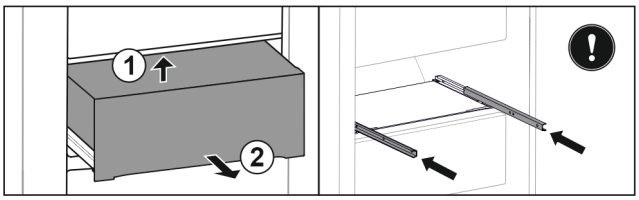


Fig. 114
If the drawer is in the middle part of the freezer compartment:
▶ Pull out drawer half-way.
▶ Lift drawer from below. *Fig. 114 (1)*
▶ Remove drawer to the front. *Fig. 114 (2)*
▶ Slide rails in.

Inserting drawer

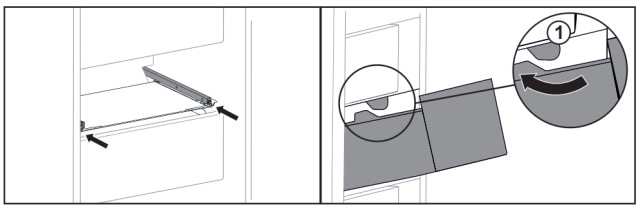


Fig. 115
▶ Slide rails in.
▶ Guide drawer around the stoppers *Fig. 115 (1)*.
▶ Place drawer on rails.
▶ Slide in drawer to the back.

8.6 Fruit & Vegetable safe cover

You can remove the compartment cover for cleaning.

8.6.1 Removing the compartment cover

Ensure that the following conditions are met:
❑ Bottle shelf is removed .

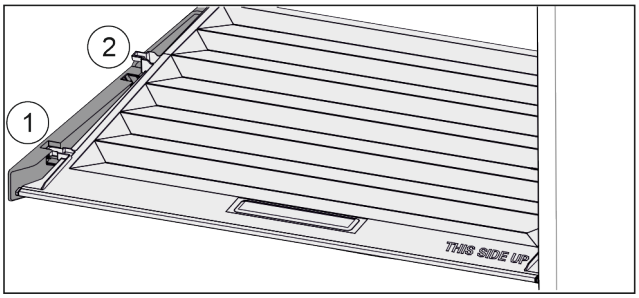


Fig. 116
When the drawers are removed:
▶ Pull the lid up at the front to the opening in the retaining parts *Fig. 116 (1)*.
▶ Lift from the back and pull it up and out *Fig. 116 (2)*.

8.6.2 Inserting the compartment cover

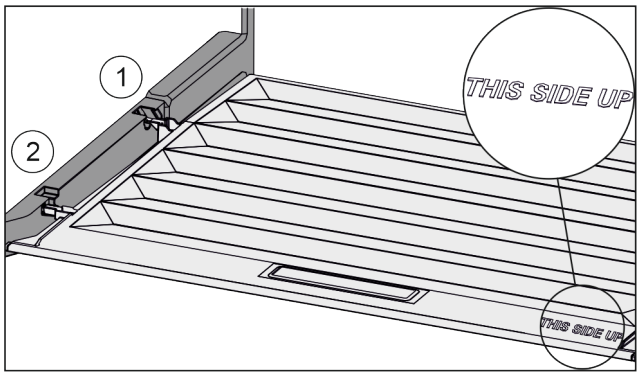


Fig. 117

If the text THIS SIDE UP points upwards:

▶ Insert the lip of the cover over the opening of the rear bracket *Fig. 117 (1)* and click into place *Fig. 117 (2)*.
▶ Position the cover where you want it (see 8.7 Adjusting the moisture levels) .

8.7 Adjusting the moisture levels

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

The compartment lid is attached to the drawer and can be hidden by a shelf or additional drawers.

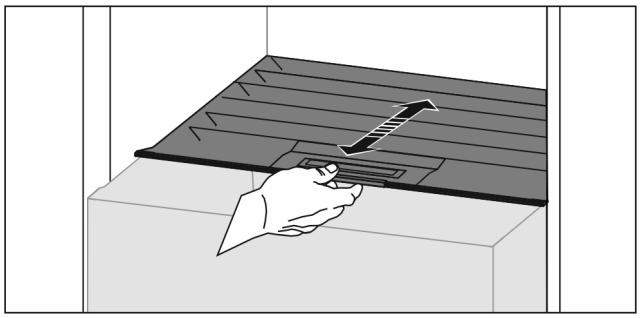


Fig. 118

Low air humidity

▶ Open the drawer.
▶ Slide the compartment cover forwards.
▷ With the drawer closed: Gap between the cover and the compartment.
▶ Switch off HydroBreeze.*
▷ The air moisture in the Safe decreases.

High air moisture

▶ Open the drawer.
▶ Slide the cover back.
▷ With the drawer closed: The cover seals the compartment.
▶ Activate the HydroBreeze.*
▷ The air moisture in the Safe increases.

If there is too much moisture in the compartment:

▶ Choose the setting “low air moisture”.

-or-

▶ Remove any excess moisture with a cloth.

Note

You can apply the “low air moisture” setting to the Fruit & Vegetable-Safe and the Meat & Dairy-Safe.

▶ Set the “low air moisture” option.

8.8 HydroBreeze*

HydroBreeze emits a mist over the refrigerated goods to provide moisture every time the door is opened.

The HydroBreeze and its water tank are located in the adjustable bottle shelf.

Ensure that the following conditions are met:

- The water tank is clean (see 9.4.4 Clean the components) .
- The water tank is properly engaged.
- Moisture is set to “high moisture” (see 8.7 Adjusting the moisture levels) .
- HydroBreeze is on (see HydroBreeze*) .

8.8.1 Fill the water tank

WARNING

Unclean water!
Contaminants.

▶ Only fill with drinking water.
▶ The HydroBreeze is off: empty water tank.
▶ The HydroBreeze is no longer in use: empty water tank.

NOTICE

Sugar-content liquids!
Damage to HydroBreeze.

▶ Only fill with drinking water.

Note

Only use filtered, decarbonised water for the best quality drinking water and to make the HydroBreeze, work smoothly.

This water quality can be achieved using a table water filter of the kind available in trade retail outlets.

▶ Only ever fill the water tank with filtered, decarbonised drinking water.

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

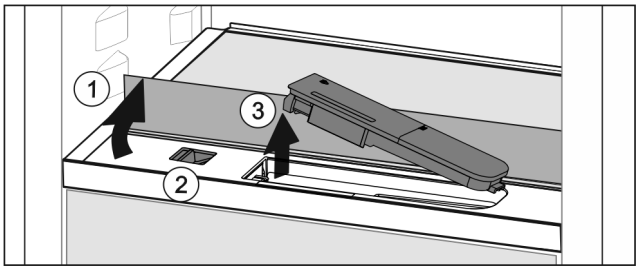


Fig. 119

▶ Press on the back-left corner of the front glass plate.
▷ The glass panel folds up at the front.
▶ Lift the glass panel and fold towards the rear until it clicks into place *Fig. 119 (1)*.
▷ Glass panel stands upright.
▶ Slide the slider *Fig. 119 (2)* to the left.
▷ The water tank jumps out of its recess.
▶ Remove the water tank *Fig. 119 (3)*.
▶ Cleaning the water tank (see 9.4.4 Clean the components) .

Square opening:

▶ Fill with drinking water up to the marker.
▶ Insert the water tank into the recess, bottom first.
▶ Slowly lower the front part and push the tank in.
▷ The water tank is clicked into place.

8.8.2 Dismantling the water tank

You can take the water tank apart for cleaning.

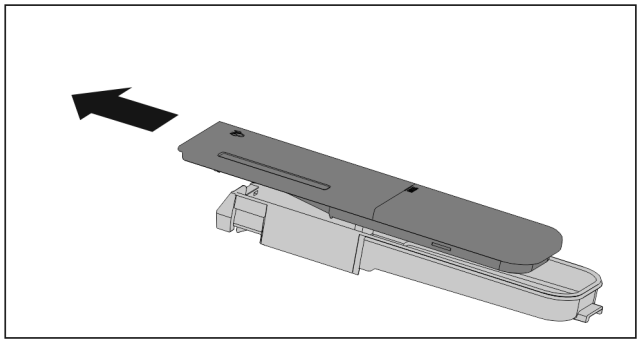


Fig. 120

▶ Dismantling the water tank.

8.9 Glass shelves

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

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

8.9.1 Removing / inserting the glass shelf

Make sure that the following requirements are fulfilled:

❑ Glass shelf under the drawer: The drawer has been removed. (see 8.5 Drawers)

Removing glass shelf

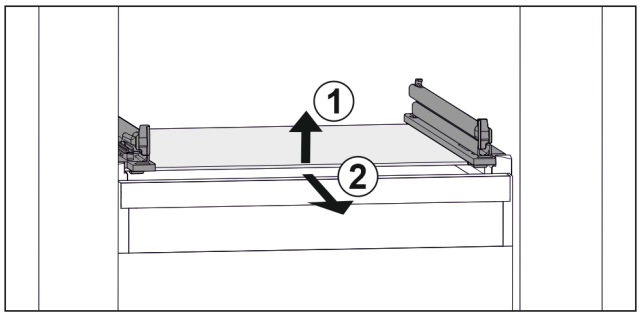


Fig. 121 Example illustration of glass shelf

▶ Lift glass shelf at the front. *Fig. 121 (1)*

▶ Take out glass shelf to the front. *Fig. 121 (2)*

Inserting glass shelf

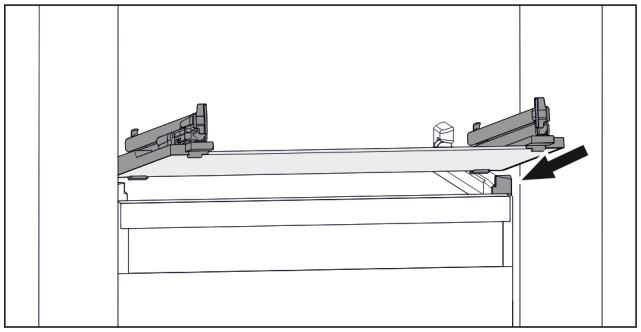


Fig. 122 Example illustration of glass shelf

▶ Position glass shelf at an angle behind the stoppers. (see Fig. 122)

▶ Lower glass shelf.

▶ Slide in glass shelf to the back.

8.10 EasyTwist-Ice*

With the EasyTwist-Ice you can make enough ice cubes for the whole household. The EasyTwist-Ice is supplied with water via a water tank.

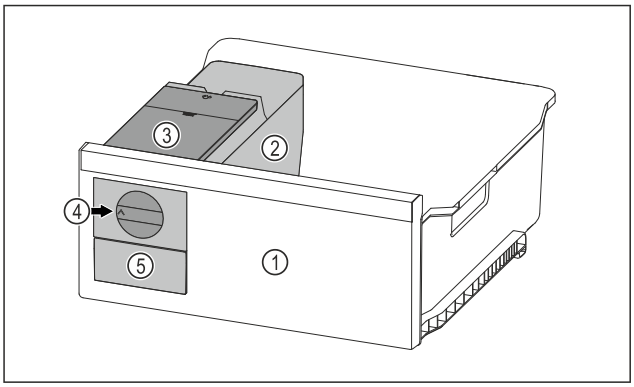


Fig. 123 Example illustration

(1) Freezer drawer with EasyTwist-Ice
(2) Body with ice cube tray
(3) Water tank
(4) Rotary knob
(5) Ice cube drawer

Note
Do not change the position of the freezer drawer with the EasyTwist-Ice in the appliance.

8.10.1 Making ice cubes

The amount of ice cubes you can make in a given period of time with the EasyTwist-Ice depends on the freezer temperature of the appliance. The lower the temperature in the appliance, the more ice cubes you can make.

Maximum number of ice cubes in the ice cube tray:	20 ice cubes
Maximum capacity of the ice cube drawer:	40 ice cubes (equivalent to two ice cube batches)
More information about the time needed for ice cube production:	(see 10.1 Technical specifications)

Make sure that the following requirements are fulfilled:

❑ Components of the EasyTwist-Ice have been cleaned.

Filling the water tank

WARNING
Risk of poisoning due to contaminated water!
▶ Only fill the water tank with potable water.

NOTICE
Sugar-content liquids!
Damage to EasyTwist-Ice.
▶ Only fill with cold drinking water.

Note
Using filtered, decarbonised water ensures the best-tasting drinking water for your ice cubes.
This water quality can be achieved using a table water filter of the kind available in trade retail outlets.
▶ Always fill the water tank only with filtered, decarbonised drinking water.

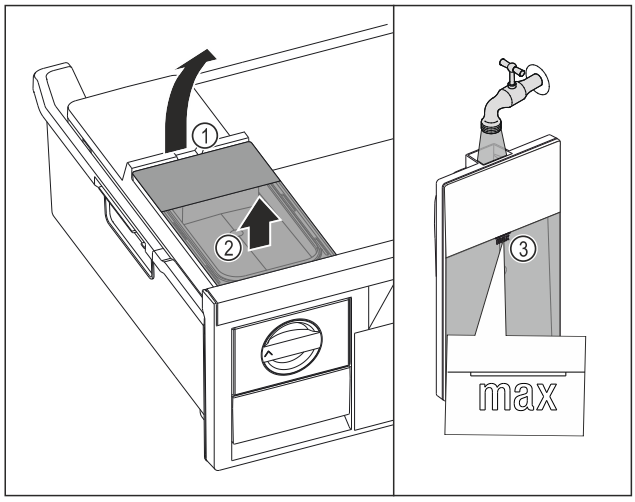


Fig. 124

- ▶ Pull out freezer drawer as far as it will go.
- ▶ Lift the water tank at the recess *Fig. 124 (1)*.
- ▶ Remove the water tank by lifting it upwards. *Fig. 124 (2)*
- ▶ Fill the water tank with drinking water up to the mark *Fig. 124 (3)*.

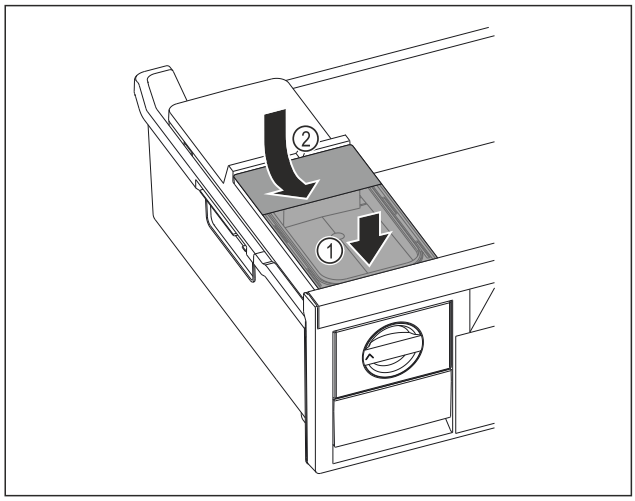


Fig. 125

- ▶ Position the water tank at the front. *Fig. 125 (1)*
- ▶ Lower the water tank at the rear. *Fig. 125 (2)*
- ▶ Slide in the freezer drawer.

Releasing the ice cubes

Make sure that the following requirements are fulfilled:

- ❑ The required time for the production of ice cubes has been observed. (see 10.1 Technical specifications)
- ❑ Freezer drawer is fully inserted.
- ❑ Ice cube drawer is fully inserted.

- ▶ Turn the rotary knob *Fig. 123 (4)* clockwise as far as it will go.
- ▷ Ice cubes fall from the ice cube tray into the ice cube drawer *Fig. 123 (5)*.
  If all the ice cubes do not come out of the ice cube tray:
- ▶ Turn the rotary knob clockwise several times to the stop.

8.11 IceMaker*

The IceMaker will produce ice cubes for household use only.

Ensure that the following conditions are met:

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

8.11.1 Producing ice cubes

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

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

- ▶ Activate the IceMaker function .
- ▶ To make a high number of ice cubes: Activate the MaxIce function .
- ▶ To make a high number of ice cubes: Move the divider in the IceMaker drawer or remove it completely.*
- ▶ Distribute the ice cubes evenly in the drawer to increase the capacity.
- ▶ Closing the drawer: IceMaker starts making ice cubes again automatically.

Note

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

8.11.2 Using the drawer with the IceMaker deactivated*

If you deactivate the IceMaker, then you can use the entire IceMaker drawer as a freezer drawer.

- ▶ Deactivate IceMaker. (see Deactivating the IceMaker / MaxIce)

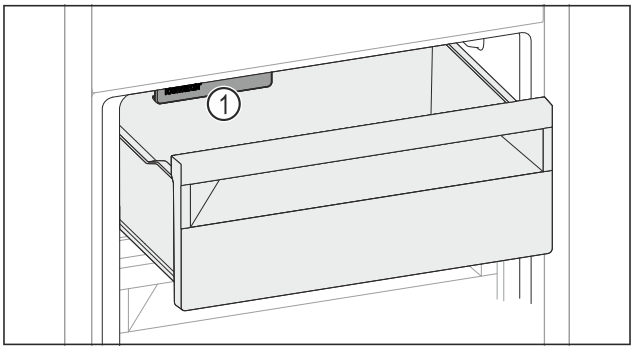


Fig. 126

- ▶ Place food in drawer.
  If you put food in the left side of the drawer:
- ▶ Watch out for the IceMaker *Fig. 126 (1)*.

8.12 VarioSpace

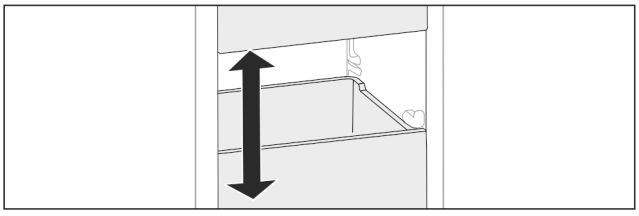


Fig. 127

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

- ▶ Note the weight limits on the drawers and glass panels (see 10.1 Technical specifications) .

8.13 Butter dish*

8.13.1 Opening/closing the butter dish

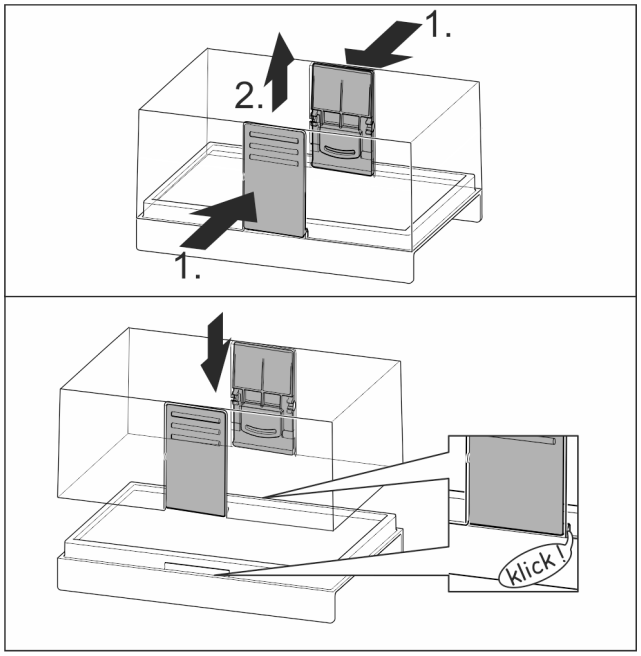


Fig. 128

8.13.2 Dismantling the butter dish

You can take the butter dish apart for cleaning.

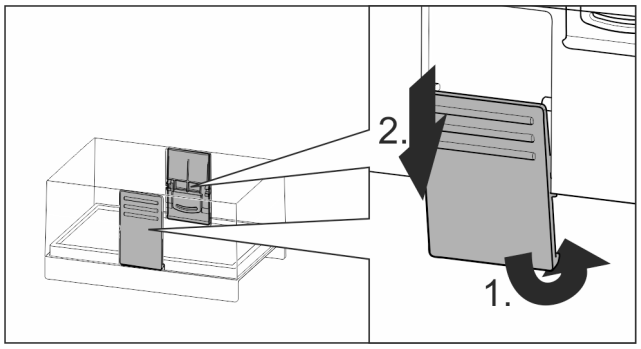


Fig. 129

▶ Disassembling the butter dish.

8.14 Egg rack*

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

8.14.1 Using the egg rack

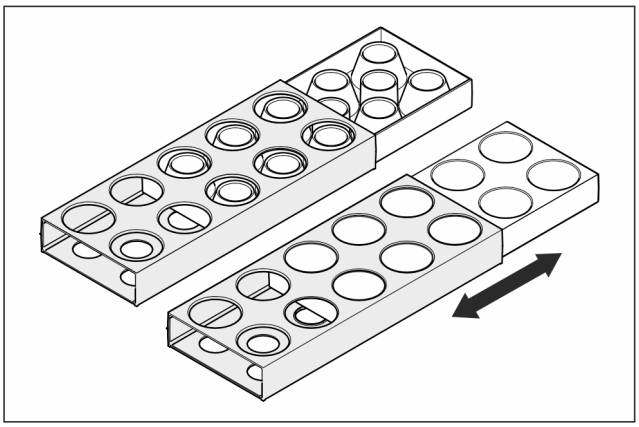


Fig. 130

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

8.15 Bottle holder*

8.15.1 Using the bottle holder

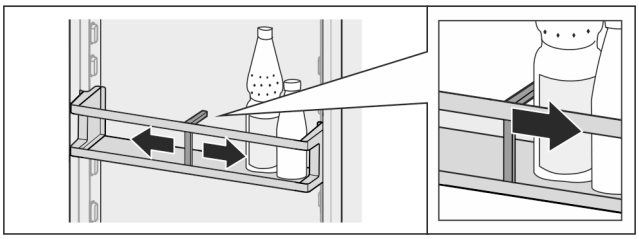


Fig. 131

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

8.15.2 Removing the bottle holder

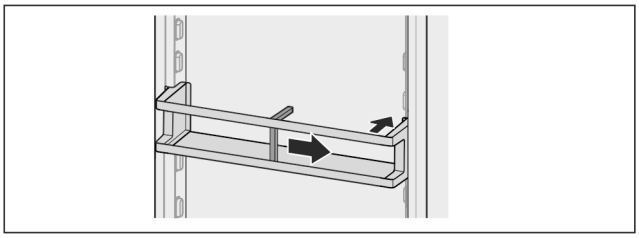


Fig. 132

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

8.16 FlexSystem*

8.16.1 Using the FlexSystem

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

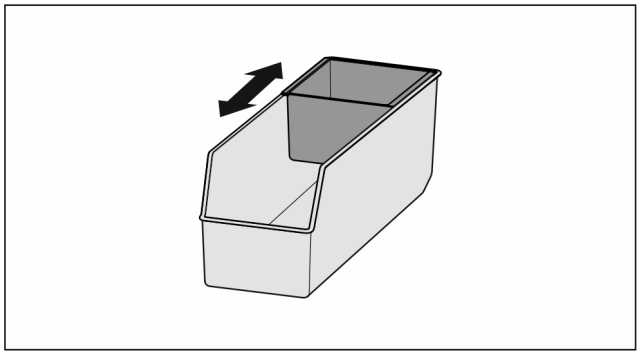


Fig. 133

▶ Move the inner shell.

8.16.2 Removing the FlexSystem

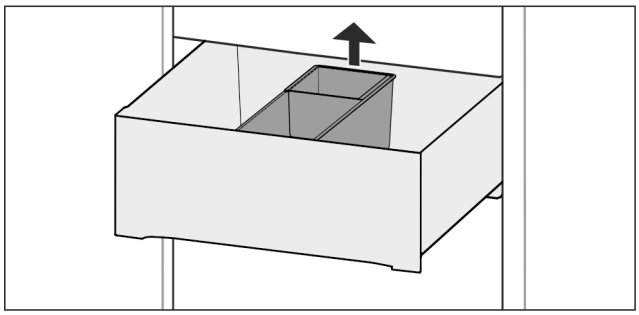


Fig. 134

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

8.16.3 Inserting the FlexSystem

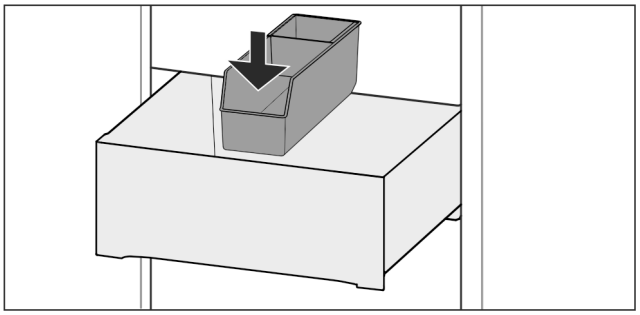


Fig. 135

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

8.16.4 Disassembling the FlexSystem

You can take the FlexSystem apart for cleaning.

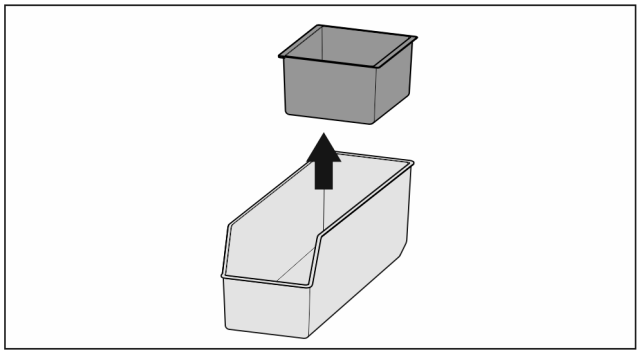


Fig. 136

▶ Disassembling the FlexSystem

8.17 Flexible ice compartment divider*

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

8.17.1 Moving in the flexible ice compartment divider

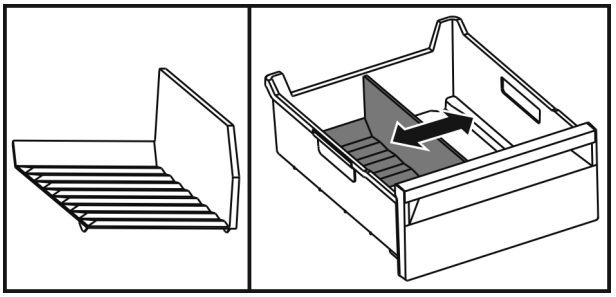


Fig. 137 Example illustration of the ice compartment divider

▶ Move the ice compartment divider to the desired position.

8.17.2 Removing the flexible ice compartment divider

Make sure that the following requirements are fulfilled:

❑ Ice cube drawer is removed. (see 8.5 Drawers)

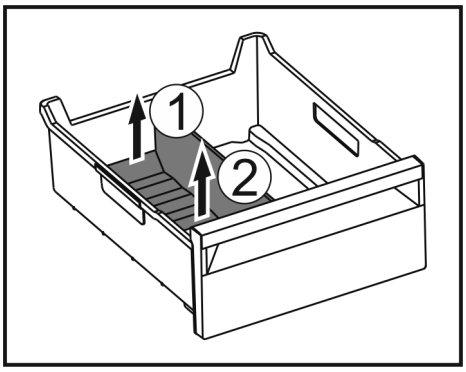


Fig. 138

▶ Lift the rear part of the ice compartment divider. *Fig. 138 (1)*
▶ Remove the ice compartment divider upwards. *Fig. 138 (2)*

8.17.3 Putting in the flexible ice compartment divider

Make sure that the following requirements are fulfilled:

❑ Ice cube drawer is removed. (see 8.5 Drawers)

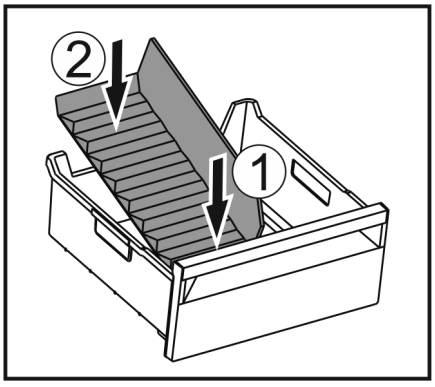


Fig. 139

▶ Insert the front part of the ice compartment divider. *Fig. 139 (1)*
▶ Lower the rear part of the ice compartment divider to the drawer bottom. *Fig. 139 (2)*

9 Maintenance

9.1 FreshAir carbon filter

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

It guarantees the best air quality.

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

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

9.1.1 Removing the FreshAir carbon filter

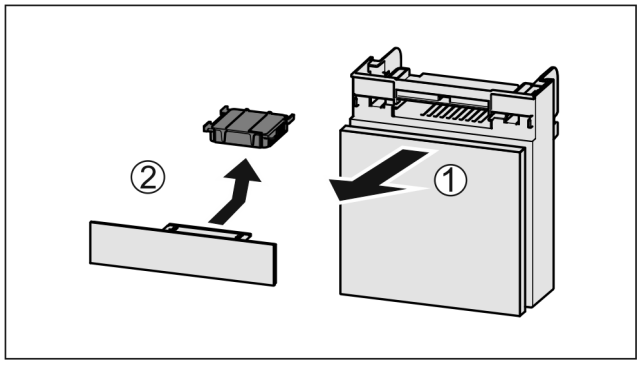


Fig. 140

▶ Pull out the compartment *Fig. 140 (1)*.
▶ Remove the carbon filter *Fig. 140 (2)*.

9.1.2 Inserting the FreshAir carbon filter

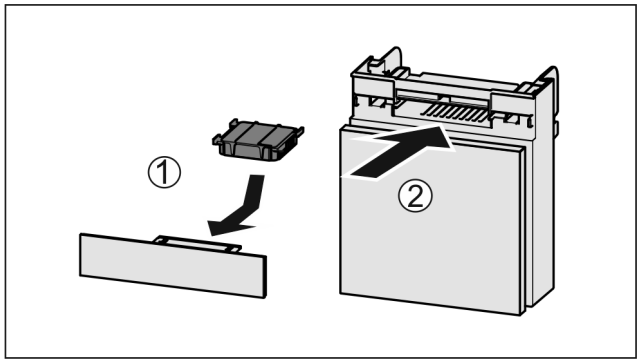


Fig. 141

▶ Insert the carbon filter as shown in the diagram *Fig. 141 (1)*.
▷ The carbon filter clicks into place.
If the carbon filter is pointing downwards:
▶ Push the compartment in *Fig. 141 (2)*.
▷ The carbon filter is now ready for use.

9.2 Disassembling / assembling pull-out systems

9.2.1 Notes on disassembly

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

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

Pull-out system	can be disassembled / cannot be disassembled
Fully extendible	cannot be disassembled
Partial pull-out freezer compartment*	can be disassembled (see Partial pull-out freezer compartment*) *

9.2.2 Drawer on telescopic rails

Partial pull-out freezer compartment*

Disassembling pull-out system

Make sure the following prerequisites are met:

❑ Drawer has been removed.
❑ Glass shelf has been removed. (see 8.9 Glass shelves)

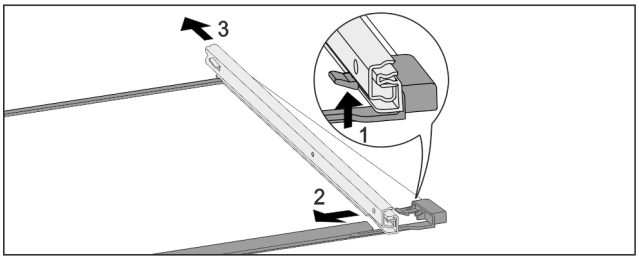


Fig. 142 Glass shelf with rails

▶ Push up front click-in hooks. *Fig. 142 (1)*
▶ Move the pull-out rails to the side *Fig. 142 (2)* and to the rear *Fig. 142 (3)*.

Installing pull-out system

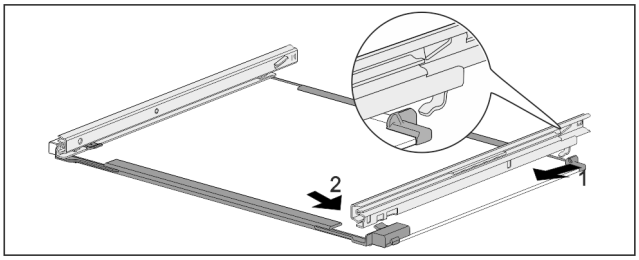


Fig. 143 Glass shelf with rails

▶ Hook in rail at the back. *Fig. 143 (1)*
▶ Hook in rail at the front. *Fig. 143 (2)*

9.3 Defrosting the appliance

9.3.1 Defrosting the fridge compartment*

9.3.1 Defrosting the BioFresh compartment*

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

▶ Clean the drain opening regularly (see 9.4 Cleaning the appliance) .

9.3.2 Defrosting the freezer compartment with NoFrost*

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

The appliance does not need to be defrosted.

9.4 Cleaning the appliance

9.4.1 Ready

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

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

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

9.4.2 Clean the housing

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

WARNING
Risk of injury and damage as a result of hot steam!
Hot steam can lead to burns and can damage the surfaces.
▶ Do not use any steam cleaners!

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

9.4.3 Cleaning the interior

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

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

9.4.4 Clean the components

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

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

- Door rack
- VarioSafe*
- Fruit & Vegetable safe cover
- Drawer
  Please note: Do not remove the magnet on the drawer. The magnet ensures the functionality of the IceMaker.*
- Divider in the IceMaker drawer*
- Adjustable bottle shelf
- FlexSystem*
- Components of the EasyTwist-Ice*

Clean with a damp cloth:

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

Wash in the dishwasher up to 60 °C:

- Door rack
- Bottle rack*
- Shelf
- Dividing shelf
- Holder of the dividing shelf
- HydroBreeze water tank and water tank lid*
- Egg rack*
- Butter dish*
- Ice cube tray*
- Ice cube scoop*

▶ To disassemble components: see the relevant section.
▶ Clean the components.

9.4.5 Cleaning the HydroBreeze*

Cleaning is required in the following cases:

❑ Initial operation
❑ HydroBreeze is off for more than 48 hours.
❑ Refill the water tank.

Ensure that the following conditions are met:

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

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

9.4.6 Cleaning the EasyTwist-Ice*

Clean the EasyTwist-Ice in the following situations:

- First use
- Not using for more than 48 hours
- When cleaning is required

Dismantling the EasyTwist-Ice

Make sure that the following requirements are fulfilled:

❑ The drawer has been removed. (see 8.5 Drawers)
❑ The drawer is placed on a table.

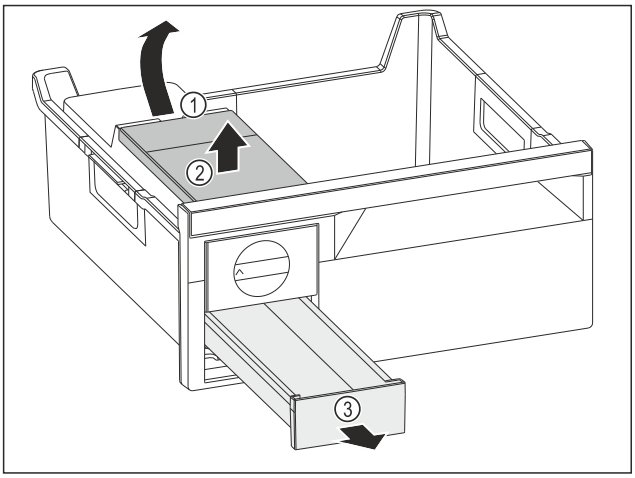


Fig. 144

- ▶ Removing the water tank: Lift the water tank by the recess *Fig. 144 (1)*.
- ▶ Remove the water tank *Fig. 144 (2)* upwards.
- ▶ Remove the ice cube drawer *Fig. 144 (3)* to the front.

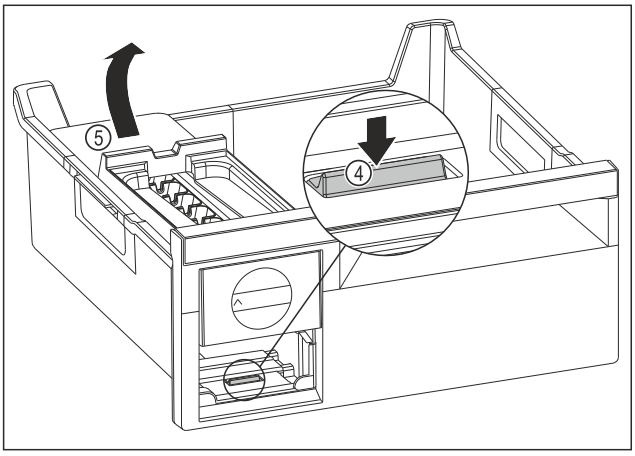


Fig. 145

- ▶ Removing the EasyTwist-Ice body: Use your finger to push the tab *Fig. 145 (4)* down and use your other hand to lift the EasyTwist-Ice body *Fig. 145 (5)* from behind at the same time.
- ▶ Remove the EasyTwist-Ice body from the freezer drawer.

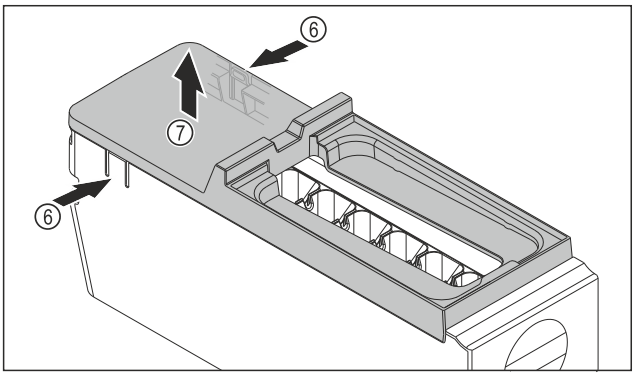


Fig. 146

- ▶ Removing the EasyTwist-Ice body cover: Push the tabs *Fig. 146 (6)* on both sides of the EasyTwist-Ice body with one hand.
- ▶ Use the other hand to remove the cover *Fig. 146 (7)* upwards.
- ▷ EasyTwist-Ice is dismantled into four parts. (see Fig. 147)

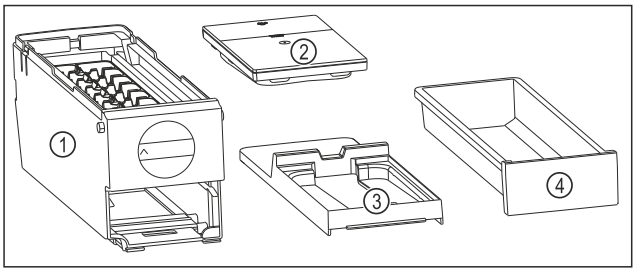


Fig. 147 Components of the EasyTwist-Ice

(1) EasyTwist-Ice body with ice cube tray
(2) Water tank
(3) Cover
(4) Ice cube drawer

NOTICE

Risk of damage due to improper dismantling!

Equipment breaking, jumping and cracking. If you dismantle the EasyTwist-Ice body further, you may damage the rotary knob or other parts of the EasyTwist-Ice body.

- ▶ Only dismantle the EasyTwist-Ice into the components shown. (see Fig. 147)
- ▶ Clean the EasyTwist-Ice body *Fig. 147 (1)* as a whole.

Cleaning the EasyTwist-Ice

Make sure that the following requirements are fulfilled:

- ❑ The EasyTwist-Ice is dismantled. (see Dismantling the EasyTwist-Ice)
- ▶ Clean the ice cube drawer, water tank, cover and Easy-Twist-Ice body with warm water and a little detergent.
- ▶ Dry all cleaned components thoroughly with a dry cloth.
- ▷ The EasyTwist-Ice is clean.

Installing the EasyTwist-Ice

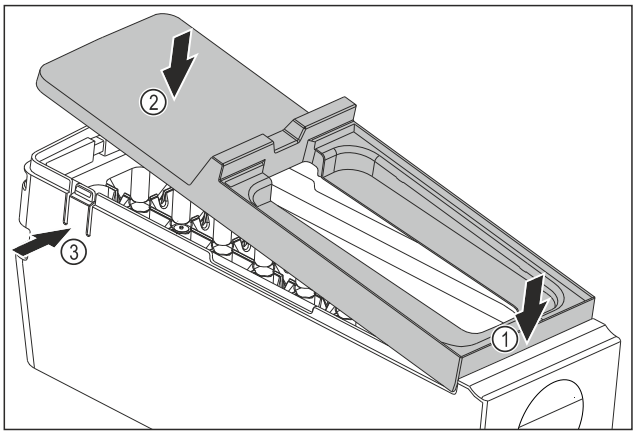


Fig. 148

- ▶ Installing the EasyTwist-Ice body cover: Place the cover on the front. *Fig. 148 (1)*
- ▶ Lower the cover at the rear. *Fig. 148 (2)*
- ▷ The cover locks into both tabs *Fig. 148 (3)* audibly.

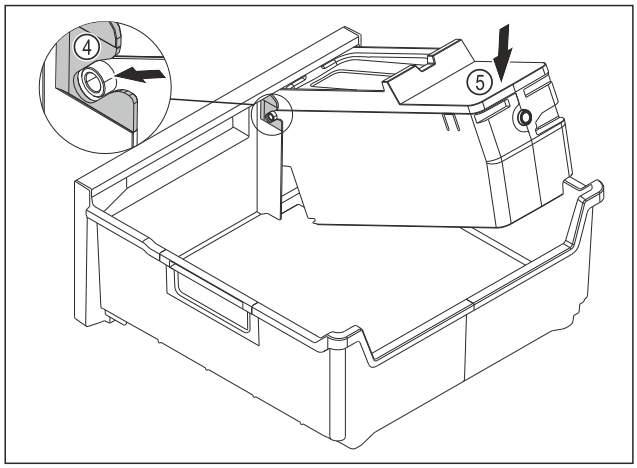


Fig. 149

▶ Installing the EasyTwist-Ice body: Push the axes for the EasyTwist-Ice body into the guides *Fig. 149 (4)*.
▶ Press the EasyTwist-Ice body *Fig. 149 (5)* down at the back.
▷ The EasyTwist-Ice body locks in audibly.

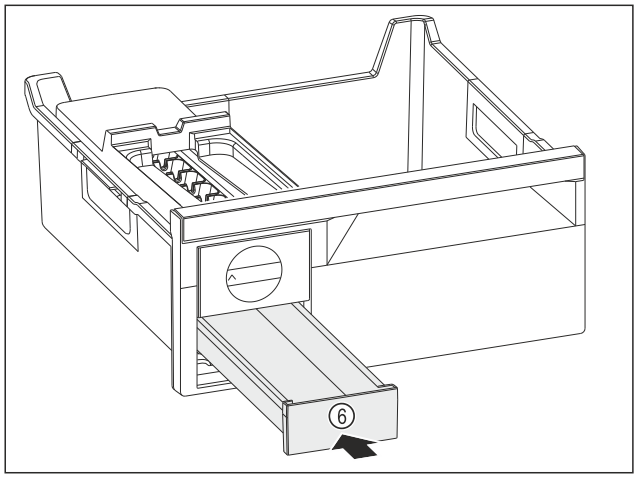


Fig. 150

▶ Insert the ice cube drawer *Fig. 150 (6)*.

WARNING
Risk of poisoning due to contaminated water!
▶ Only fill the water tank with potable water.

▶ Fill the water tank with water.
▶ Insert the water tank.
▶ Insert the drawer. (see 8.5 Drawers)
If you are using unfiltered water:
▶ Dispose of ice cubes that were produced 24 hours after initial ice cube production.
-or-
If you are using filtered water:
▶ Dispose of ice cubes that were produced 48 hours after initial ice cube production.

9.4.7 Cleaning the IceMaker*

There are various options for cleaning the IceMaker.

Cleaning is required in the following cases:

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

Ensure that the following conditions are met:

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

First use or after a long period of non-use

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

If cleaning is required

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

9.4.8 After cleaning

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

10 Customer help

10.1 Technical specifications

Temperature range	
Cooling*	3 °C to 9 °C*
BioFresh*	0 °C to 3 °C*
Freeze	-26 °C to -15 °C

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

Maximum component capacity			
Features	Appliance width 550 mm (see installation instructions, appliance dimensions)	Appliance width 600 mm (see installation instructions, appliance dimensions)	Appliance width 700 mm (see installation instructions, appliance dimensions)
Wooden grating		12 kg	

Maximum component capacity			
Features	Appliance width 550 mm (see installation instructions, appliance dimensions)	Appliance width 600 mm (see installation instructions, appliance dimensions)	Appliance width 700 mm (see installation instructions, appliance dimensions)
Partial pull-out freezer compartment* (see 8.5.1 Drawer on telescopic rails) *	12 kg*	15 kg*	--*

Maximum size baking tray*	
Width	466 mm
Depth	386 mm
Height	50 mm

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

Ice cube production with EasyTwist-Ice*	
Time required at -18 °C	approx. 5.5 h
Time required with SuperFrost activated	approx. 3 h

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

Lighting	
Class[1]	Light source
This product contains one or more energy efficiency class G light sources.	LED

[1] The appliance may contain light sources with different energy efficiency classes. The lowest energy efficiency class is indicated.

10.2 Operating noises

The appliance makes different noises when it is on.

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

Examples:

- Functions on (see 7.2 Appliance functions)
- Fan running
- Food recently added
- High ambient temperature
- Door open for a while

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

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

10.3 Technical fault

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

You can fix the following faults yourself.

10.3.1 Appliance function

Defect	Cause	Remedy
The appliance is not working.	→ The appliance is not switched on.	▶ Switch the appliance on.
	→ The power plug is not properly plugged into the socket.	▶ Check the power plug.
	→ There is something wrong with the power outlet fuse.	▶ Check the fuse.
	→ Power cut	▶ Keep the appliance closed. ▶ Protecting food: Lay freezer packs on top of the food or use another freezer if the power is off for a prolonged period. ▶ Do not re-freeze defrosted food,
	→ The appliance plug does not fit the appliance properly.	▶ Check the appliance plug.
Temperature is not cold enough.	→ The appliance door is not closed properly.	▶ Close the appliance door.
	→ Not enough ventilation.	▶ Keep ventilation grille clear, and clean it.
	→ The ambient temperature is too high.	▶ Problem solution: (see 1.4 Appliance range of use)
	→ The appliance was opened too many times or for too long.	▶ Wait to see if the required temperature corrects itself. If not, contact Customer Service. (see 10.4 Customer Service)
	→ Too much fresh food was placed inside without SuperFrost.	▶ Solution: (see SuperFrost)
	→ The temperature is set incorrectly.	▶ Turn down the temperature and check after 24 hours.
	→ The appliance is too close to a heat source (oven, radiator, etc).	▶ Move the appliance or the heat source.
The 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.
The appliance is hot to touch on the outside*.	→ The heat of the refrigeration circuit is used to avoid condensation.	▶ This is normal.

10.3.2 Features

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

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

10.4 Customer Service

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

You can find the address 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.

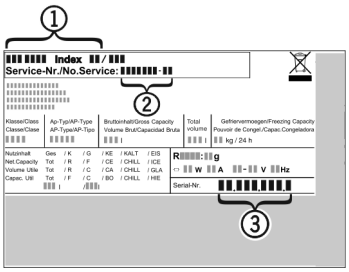


Fig. 151

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

▶ Note the data on the model plate.

11 Shutting down

▶ Empty the appliance.
▶ Deactivate IceMaker. (see Deactivating the IceMaker / MaxIce) *
▶ Switch off appliance. (see Turn off appliance)
▶ Remove mains connector.
▶ Remove appliance connector if required: Remove and move from left to right at the same time.
▶ Clean appliance. (see 9.4 Cleaning the appliance)
▶ Leave the door open, so that no unpleasant odours arise.

12 Disposal

12.1 Preparing appliance for disposal

Li-Ion

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

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

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

12.2 Disposing of the appliance in an environmentally friendly manner

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

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

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

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.

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

home.liebherr.com/fridge-manuals

EN fridge/freezer with BioFresh

Issue date: 20240220

Part number index: 7080470-00

Liebherr-Hausgeräte Marica EOOD
Bezirk Plovdiv
4202 Radinovo
Bulgarien

User Guide

Quality, Design and Innovation

home.liebherr.com/fridge-manuals

LIEBHERR

Contents

1 Appliance at a glance..... 2
1.2 Scope of delivery..... 3
1.3 Overview of the appliance and equipment..... 3
1.4 Appliance range of use..... 3
1.5 Conformity..... 4
1.6 EPREL database..... 4

2 General safety instructions..... 4

3 Putting into operation..... 5
3.1 Switching on appliance..... 5
3.2 Inserting the components..... 5

4 Foods management..... 5
4.1 Storing food..... 5
4.2 Storage times..... 6

5 Saving energy..... 6

6 Controls..... 6
6.1 Controls and displays..... 6
6.1.1 Status display..... 6
6.1.2 Navigation..... 6
6.1.3 Display symbols..... 6
6.2 Control concept..... 7
6.2.1 Activating/deactivating the function..... 7
6.2.2 Selecting function value..... 7
6.2.3 Activating/deactivating settings..... 7
6.2.4 Selecting the setting value..... 7
6.2.5 Go to the Customer menu..... 7
6.3 Functions..... 8
Temperature..... 8
SuperCool..... 8
PowerCool..... 8
6.3.4 Activating/deactivating the function..... 8
HolidayMode..... 8
EnergySaver..... 8
6.4 Settings..... 9
Language..... 9
Connecting to the WLAN..... 9
Entry lock..... 9
Display brightness..... 10
Door alarm..... 10
Temperature unit..... 10
Info..... 10
SabbathMode..... 10
CleaningMode..... 10
D-Value..... 11
Reminder..... 11
Turn off appliance..... 11
6.5 Warnings..... 11
6.5.1 Message..... 11
6.5.2 DemoMode..... 11

7 Features..... 11
7.1 Door rack..... 11
7.2 Shelves..... 12
7.3 Dividing shelf..... 13
7.4 VarioSafe..... 13
7.5 Drawers..... 14
7.6 EasyFresh-Safe cover..... 14
7.7 Adjusting the moisture levels..... 15
7.8 Accessories..... 15

8 Maintenance..... 16
8.1 FreshAir carbon filter..... 16
8.2 Defrosting the appliance..... 16
8.3 Cleaning the appliance..... 17

9 Customer help..... 17
9.1 Technical specifications..... 17
9.2 Operating noises..... 17
9.3 Technical fault..... 18
9.4 Customer Services..... 19
9.5 Model plate..... 19

10 Shutting down..... 19

11 Disposing of the appliance..... 19

The manufacturer works constantly on the further development of all the types and models. Therefore please understand that we have to reserve the right to make design, equipment and technical modifications.

To get to know all the benefits of your new appliance, please read the information contained in these instructions carefully.

The instructions apply to several models. Differences may occur. Text relating only to specific appliances is marked with an asterisk (*).

Instructions are marked with a ▶, and results are marked with a ▷.

These operating instructions apply to:

R(sd) (d)	52..
SR(sdd)	52..

1 Appliance at a glance

- Natural coolant
- Energy-optimised cooling circulation
- Energy-efficient insulation
- Low energy consumption
- Intuitive digital controls
- Enabled functions are shown on the display
- Control the temperature within the climate range, regardless of the room temperature. Choose either °F or °C for the temperature display.
- Large net cooling capacity
- Shelves made from safety glass
- Bright LED interior lighting
- Signal alert when door is left open
- Transport handles on all large drawers
- Built-in door handles on the appliance housing
- Transport wheels on the rear

- Easy to clean
- Soft-closing
- This appliance has a SabbathMode function, to allow the appliance to be used on religious occasions. For more information, go to Star-K online at www.star-k.org.

1.2 Scope of delivery

Check all parts for damage during transport. If you have any complaints, please contact your retailer or Customer Services (see 9.4 Customer Services) .

Your new appliance comes with the following parts:

- Standalone appliance
- Features (depending on the model)
- Installation materials (depending on the model)
- “Quick Start Guide”
- “Installation Guide”
- Service Brochure

1.3 Overview of the appliance and equipment

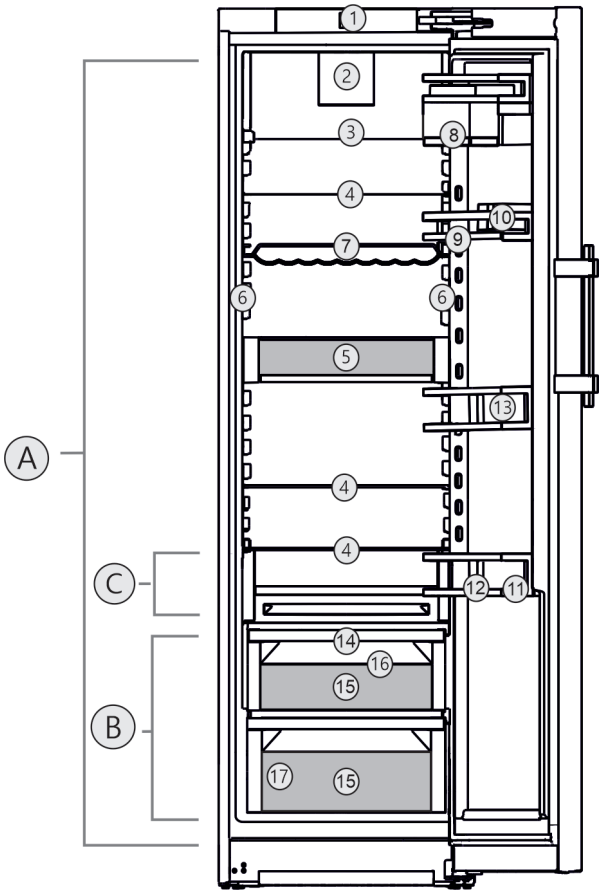


Fig. 1 Example illustration

Temperature range

(A) Fridge compartment
(B) EasyFresh
(C) Coldest zone

Equipment

(1) Control and display elements
(2) Fan with FreshAir activated charcoal filter
(3) Separable storage shelf
(4) Storage shelf
(5) VarioSafe
(6) LED Light column, both sides
(7) Bottle shelf
(8) VarioBox
(9) Can rack
(10) Butter dish
(11) Bottle rack
(12) Bottle holder
(13) Door shelf
(14) Lid for EasyFresh-Safe
(15) EasyFresh-Safe
(16) Outlet
(17) Serial tag

Note

▶ Shelves, drawers and baskets are arranged for optimum energy efficiency when the appliance is delivered. Changing how the shelves, for example, are inserted in the fridge compartment does not have any impact on energy consumption.

1.4 Appliance range of use

Intended use

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

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

The appliance is not suitable for freezing food;

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

All other types of use are not permitted.

Foreseeable misuse

The following applications are expressly forbidden:

- Storing and refrigerating medicines, blood plasma, laboratory preparations or similar substances and products based on the Medical Device Directive 2007/47/EC
- Use in areas at risk of explosions
- Use on moving substrates, such as ships, rail travel or aeroplanes

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

Climate classifications

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

Note

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

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

Climate classification	for ambient temperatures of
T	16 °C to 43 °C

1.5 Conformity

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

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

1.6 EPREL database

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

2 General safety instructions

Danger for the user:

- This device can be used by children and people with impaired physical, sensory or mental abilities or with a lack of experience and knowledge provided that they are supervised or have received instruction in the safe use of this device, and about the resulting hazards. Children must not play with this appliance. Cleaning and user maintenance work must not be carried out by children without adult supervision. Children aged between 3 and 8 are allowed to load and unload the appliance. Children below the age of 3 must be kept away from the appliance unless they are under continuous adult supervision.
- When disconnecting the appliance from the supply, always take hold of the plug. Do not pull the cable.
- In the event of a fault pull out the mains plug or deactivate the fuse.
- Do not damage the mains power cable. Do not operate the appliance with a defective mains power cable.
- Only customer service or other specially trained staff may repair or perform other operations on the appliance.
- Only assemble, connect and dispose of the appliance according to the instructions.
- Please keep these instructions in a safe place and pass them on to any subsequent owners.

Fire hazard:

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

Danger of tipping and falling:

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

Danger of food poisoning:

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

Danger of frostbite, numbness and pain:

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

Danger of injury and damage:

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

Danger of crushing:

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

Symbols on the appliance:

The symbol can be located on the compressor. It refers to the oil in the compressor and indicates the following danger: Swallowing or inhaling can be fatal. This is only relevant for recycling. There is no danger in normal operation.

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

A sticker to this effect may be applied to the rear of the appliance. It refers to the foam-padded panels in the door and/or the housing. This is only relevant for recycling. Do not remove the sticker.

Please observe the specific information in the other sections:

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

3 Putting into operation

3.1 Switching on appliance

Ensure that the following conditions are met:

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

▶ Switch on the appliance from the display.

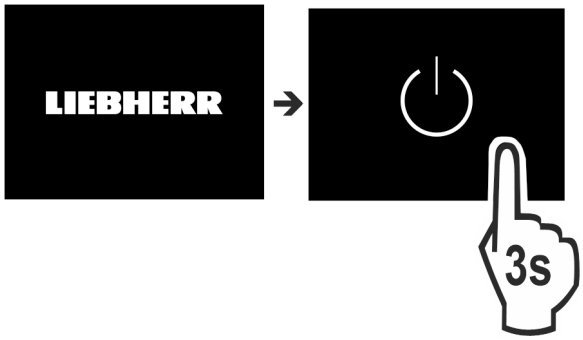


Fig. 2

▶ After switching on the appliance, select the language.

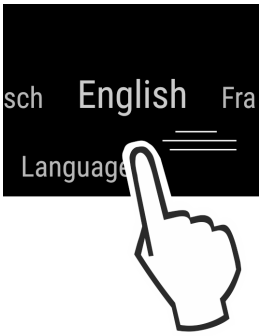


Fig. 3

▶ The status screen appears.
▶ If the DemoMode is displayed together with the blue screen after switching on the appliance, the DemoMode can be deactivated within the next 5 minutes.

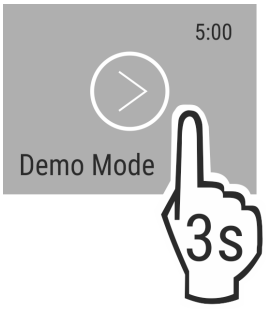


Fig. 4

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

Note
The manufacturer recommends:
▶ Storing food: wait approx. 6 hours for the set temperature to be reached.

3.2 Inserting the components

▶ Insert the supplied components to make the most of your appliance.
▶ Purchase and install the SmartDevice Box (see https://smartdevice.liebherr.com/install).
▶ Install the SmartDevice app (see https://apps.home.liebherr.com/).

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

4 Foods management

4.1 Storing food

⚠ **WARNING**
Risk of fire
▶ Do not use any electrical appliances in the food area of the appliance unless recommended by the manufacturer.

Note
The energy consumption increases and the cooling power goes down if ventilation is not sufficient.
▶ Always keep air slots clear.

When storing food, always observe the following:

- ❑ Air vents on the inside rear wall are unobstructed.
- ❑ Air vents on the fan are unobstructed.
- ❑ Food is in sealed packaging.

- ❑ Foods that easily absorb or give off smell or taste are stored in sealed containers or covered.
- ❑ Raw meat and fish are in clean, sealed containers to prevent them coming into contact with or dripping onto other foods.
- ❑ Liquids are in sealed containers.
- ❑ Foods are not stored too closely together, as the air needs to circulate.

Note
Failure to follow these guidelines can lead to food perishing.

4.1.1 Fridge section

The natural air circulation creates a range of temperatures.

Arrange your food as follows:
- ▶ In the top section and in the door: butter and cheese, preserves and tubes.
- ▶ In the coldest zone *Fig. 1 (C)*: Perishable foods such as ready-to-eat meals, meat and sausages
- ▶ On the bottom shelf: Raw meat and fish

4.1.2 EasyFresh-Safe

This compartment is great for non-packaged foods, such as fruit and vegetables.

The air moisture in the compartment depends on the moisture content of the items being stored and the number of times the door is opened. You can adjust the air moisture.

Arrange your food as follows:
- ▶ Store your loose fruit and vegetables.
- ▶ Excessive air moisture: Regulate the air humidity (see 7.7 Adjusting the moisture levels) .

4.2 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.

4.2.1 Fridge section

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

5 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, next to an oven, radiator or similar.
- Energy consumption depends on the installation conditions, e.g. the ambient temperature (see 1.4 Appliance range of use) . A warmer ambient temperature can increase the energy consumption.
- Open the appliance for as short a time as possible.
- The lower the temperature is set the higher the energy consumption.
- Sort your food: home.liebherr.com/food.
- Keep all food properly packed and covered. This prevents frost from forming.
- Only take food out for as long as necessary so that it doesn't warm up too much.
- Inserting warm food: allow to cool down to room temperature first.
- For longer periods of absence, use HolidayMode (see HolidayMode) .

6 Controls

6.1 Controls and displays

The display provides a quick overview of the temperature setting and the status of functions and settings. You can control the functions and settings either by deactivating/activating them or by selecting a value.

6.1.1 Status display

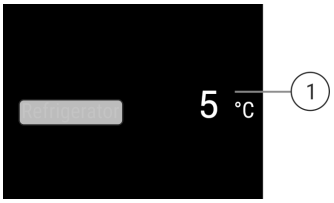


Fig. 5

(1) Temperature display of the fridge section

6.1.2 Navigation

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

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

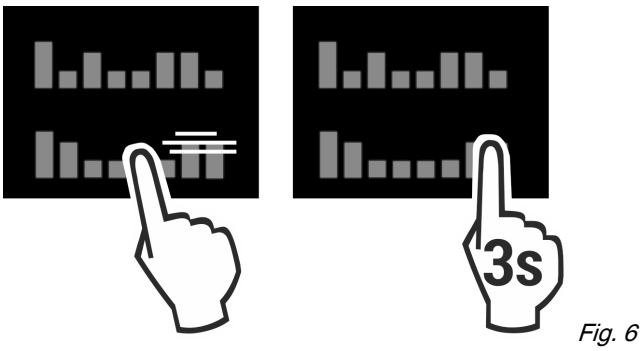


Fig. 6

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

Back to Status display:
- Close and open the door.
- Wait 10 s. The display switches to the Status display.

6.1.3 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.

Symbol	Appliance status
	Flashing symbol
	Appliance is working. Setting is made.

6.2 Control concept

6.2.1 Activating/deactivating the function

You can activate/deactivate the following functions:

Symbol	Function
	SuperCool[x]
	PowerCool[x]
	HolidayMode
	EnergySaver

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

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

6.2.2 Selecting function value

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

Symbol	Function
	Setting the temperature Turn on/off the temperature zone

▶ Swipe left in the display until the function appears.
▶ Confirm selected function with a short tap.
▶ Select the setting value by swiping the display.

Setting the temperature

▶ Confirm with a short tap.
▷ You hear the confirmation tone.
▷ The display changes to blue when active.
▷ Display switches back to the menu.

Switching the temperature zone on/off

▶ To Confirm, press for 3 seconds.
▷ You hear the confirmation tone.
▷ Display returns to the Status screen.

6.2.3 Activating/deactivating settings

You can activate/deactivate the following settings:

Symbol	Setting
	WiFi[1]
	Entry lock[2]
	SabbathMode[2]
	Cleaning Mode[2]
	Reminders[1]
	Reset[2]
	Off [2]

▶ Swipe left in the display until Settings appears.
▶ Tap to confirm settings.
▶ Swipe until you see the setting you want.

[1] **Activate setting (shortpress)**

▶ Tap briefly to confirm.
▷ You hear the confirmation tone.
▷ Status appears in the menu.
▷ Setting is on / off.

[2] **Activate setting (longpress)**

▶ Press the selection for 3 seconds to confirm.
▷ You hear the confirmation tone.
▷ Status appears in the menu.
▷ Display changes.

6.2.4 Selecting the setting value

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

Symbol	Settings
	Brightness
	Door alarm
	Temp. unit
	Language

▶ Swipe left in the display until Settings appears.
▶ Tap to confirm settings.
▶ Swipe until you see the setting you want.
▶ Tap briefly to confirm.
▶ Select the desired setting value by swiping the display.
▶ Tap briefly to confirm.
▷ You hear the confirmation tone.
▷ Status appears briefly in the submenu.
▷ Display switches back to the menu.

6.2.5 Go to the Customer menu

You can see the following settings in the Customer menu:

Symbol	Function
D1	D-Value [1]
Software	Software

▶ Swipe left in the display until Settings appears.
▶ Confirm settings by tapping.
▶ Swipe until About appliance appears in the display.
▶ Confirm with a short tap.
▶ Go to the Customer menu: Enter the code 151.
▶ Swipe in the customer menu until you see the setting you want.

[1] **Select the value**
▶ Confirm with a short tap.
▷ You hear the confirmation tone.
▷ Status appears briefly in the display.
▷ Display switches back to the menu.

[2] **Activate the setting**
▶ To confirm, press the display for 3 seconds.
▷ You hear the confirmation tone.
▷ Status appears on the display.
▷ The symbol flashes as long as the appliance is working.

6.3 Functions

Temperature

The temperature depends on the following factors:
- The amount of times the door is opened
- How long the door is open for
- The room temperature of the installation site
- The type, temperature and amount of food

Temperature zone	Recommended setting
Fridge section	5 °C

Setting the temperature

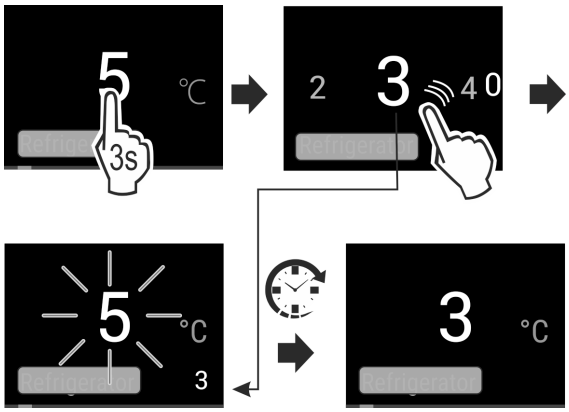


Fig. 7

▶ Set the value. (see 6.2 Control concept) .
▷ Set temperature is shown at the bottom right of the display.

SuperCool

This function selects the lowest cooling temperature. This gives you colder storage temperatures.

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

Use:
- Cool large amounts of food quickly.

Activating/deactivating the function
▶ Using the fridge section: activate the function when you add the goods.
▶ Activating/deactivating (see 6.2 Control concept) .

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

PowerCool

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

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

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

Activating/deactivating the function
▶ Activating/deactivating (see 6.2 Control concept) .

Note
The fan can run even when function is deactivated. This ensures optimal temperature distribution in the appliance.

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

This option offers an assortment of special functions and settings that are useful if you are having a party.

The following functions are on:
- *SuperCool*

All the functions can be adjusted flexibly and separately. Changes are discarded when the function turns off.

6.3.4 Activating/deactivating the function

▶ Activating/deactivating (see 6.2 Control concept) .
▷ On: All functions are activated at the same time.
▷ Deactivated: Previously set temperatures are restored.

After 24 hours the function turns off automatically.

HolidayMode

This function minimises the energy consumption during an extended absence. The temperature of the refrigerator compartment is set to 15 °C and this is displayed on the status screen when the temperature has been reached.

Use:
- Save energy if you plan to be away for a while.
- Avoid coming home to bad smells and mould.

Activating/deactivating the function
▶ Empty everything from the fridge section.
▶ Activating/deactivating (see 6.2 Control concept) .
▷ On: Fridge temperature is raised.
▷ Off: the previously set temperature is restored.

EnergySaver

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

Temperature zone	Recommended setting	Temperature when EnergySaver activated
5 °C Fridge compartment	5 °C	7 °C

Use:

- Save energy.

Activating/deactivating the function

▶ Activating/deactivating (see 6.2 Control concept) .
▷ Activated: Higher temperatures are set in all temperature zones.
▷ Deactivated: Previously set temperatures are restored.

6.4 Settings

Language

This setting lets you choose the language of the display.

Choose from the following languages:

- German
- English
- French
- Spanish
- Italian
- Dutch
- Czech
- Polish
- Portuguese
- Russian
- Chinese

Activating/deactivating settings

▶ Activating/deactivating (see 6.2 Control concept) .

Connecting to the WLAN

This setting connects the appliance to the internet. The connection is managed in the SmartDevice-Box. You can use the SmartDevice-App to add your appliance to a SmartHome-System. Use the SmartDevice-App or other compatible partner networks to enjoy advanced options and settings.

Note

The SmartDevice-Box is available from the Liebherr Domestic Appliances Shop (https://home.liebherr.com/shop/de/deu/smartdevicebox.html).

You can find more information about the availability, prerequisites and the individual options on the Internet under https://smartdevice.liebherr.com/install.

Use:

- Manage the appliance with the SmartDevice-App or a compatible partner network.
- Enjoy advanced functions and settings.
- Check the current status of the appliance in the SmartDevice-App.

❑ The SmartDevice Box is purchased and installed (see https://smartdevice.liebherr.com/install).
❑ The SmartDevice app is installed (see https://apps.home.liebherr.com/).

Setting up the connection

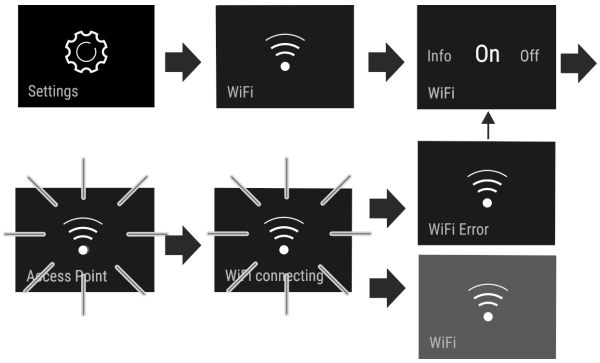


Fig. 8

▶ Activating the setting (see 6.2 Control concept) .
▷ The connection is set up: Connecting appears. The symbol flashes.
▷ The connection is set up: WiFi appears, the display turns blue.
▷ The connection failed: WiFi Error appears.

Disconnecting the appliance

▶ Deactivate the setting (see 6.2 Control concept) .

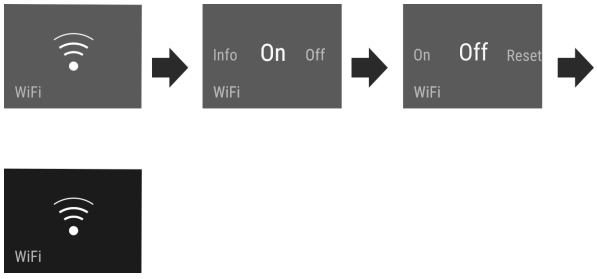


Fig. 9

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

Restoring the connection

▶ Restore settings (see 6.2 Control concept) .

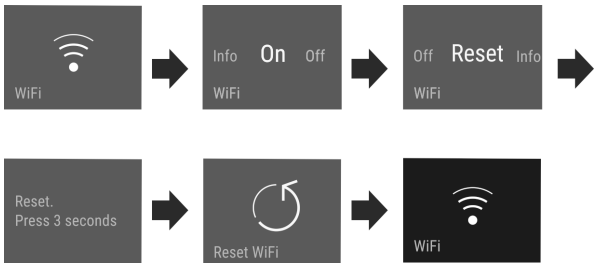


Fig. 10

▷ Connection and other settings are restored to factory settings.

Entry lock

This setting prevents unintentional use of the appliance, e.g. by children.

Use:

- Avoid settings being changed unintentionally.
- Avoid the appliance being switched off unintentionally.
- Avoid the temperature being changed unintentionally.

Activating/deactivating settings

▶ Activating/deactivating. (see 6.2 Control concept)

Display brightness

Set the brightness level of the display.

You can set the following brightness levels:

- 40%
- 60%
- 80%
- 100%

Choose the setting

▶ Set the level (see 6.2 Control concept) .

Door alarm

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

The options are as follows:

- 1 min
- 2 min
- 3 min
- Off

Choose the setting

▶ Set the time (see 6.5 Warnings) .

Temperature unit

This setting enables you to switch between Celsius and Fahrenheit as the temperature unit.

Selecting the setting value

▶ Set the value (see 6.2 Control concept) .

Info

This setting allows the appliance information to be read out as well as access to the customer menu.

It provides the following information:

- Model name
- Index
- Serial number
- Service number

Show appliance data

▶ Swipe in the display until Settings appears.
▶ Confirm the display.
▶ Swipe in the display until About appears.
▶ Read the appliance info.

SabbathMode

This setting meets the religious requirements on the Sabbath and Jewish festivals. Turn on SabbathMode to switch off certain controls. This means you can use the appliance without anyone changing the settings.

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

WARNING

Danger of food poisoning.
If there is a power cut while the appliance is in SabbathMode, this message is not saved. Once power is restored, the appliance continues in SabbathMode. When this mode is over no message about the power cut is displayed on the temperature display.
If there was a power cut during SabbathMode:

▶ Check the food for quality. Do not eat the food if it has thawed.

What happens on the appliance when in SabbathMode:

- The Status display permanently shows SabbathMode.
- The display is locked for all functions apart from turning off SabbathMode.
- Any functions/settings that are already on, remain active.
- The display stays bright when the door is closed.
- Reminders are disabled. The set time intervals are also paused. This function is disabled in SabbathMode.
- Reminders and warnings are not displayed. There are no acoustic signals, and the display does not show warnings or settings such as temperature alarm or door alarm.
- The internal light is off.
- The defrost cycle only works for the specified time without taking account of fridge use.
- After a power cut the appliance automatically returns to SabbathMode.

Activating/deactivating SabbathMode

▶ To activate this function, swipe the display until you see Settings in the menu and press for 1 second. The menu changes to show the available settings.
▶ Swipe the display until you see the SabbathMode (Menora) symbol. Press the symbol for 3 seconds.
▷ The display changes colour.
▷ SabbathMode is activated.

To deactivate the function, press the display for 3 seconds.

SabbathMode is deactivated.

CleaningMode

Use this setting to easily clean the appliance.

This setting refers to the fridge section *Fig. 1 (A)*.

Use:

- Clean the fridge section by hand.

What happens on the appliance when this setting is on:

- The display permanently shows: CleaningMode.
- The fridge section is switched off.
- The internal light is on.
- Reminders and warnings are not shown. There is no acoustic signal.

Activating/deactivating settings

▶ Activating/deactivating the setting (see 6.2 Control concept) .
▷ On: fridge section is off. Light stays on.
▷ Off: preset temperature is restored.

After 60 min the setting turns off automatically. The appliance then continues running in normal mode.

D1 D-Value

The stainless steel rear wall is inside the appliance on delivery. The *D-Value* is set to **D1**. You can remove the stainless steel back wall for cleaning.

The appliance is designed for use with and without the stainless steel rear panel, so the appliance can be operated without it. If the appliance is use without the stainless steel rear panel, the *D-Value* must be set to **D2**.

Note
Liebherr recommends the following:
▶ Operate the appliance with stainless steel rear wall to avoid visible condensation and goods freezing to the rear wall or each other.

Choose the setting

▶ Set the size in the Customer menu (see 6.2 Control concept) .

Reminder

Reminders are given out acoustically by a beep and visually by a symbol in the display. The signal gets louder until the alert stops.

Replace FreshAir active carbon filter

This message appears when the air filter needs replacing.
▶ Change the air filter every six months.
▶ Confirm the message with OK.
▷ The service interval resets.
▷ The air filter guarantees the air quality in the fridge.

Activating the setting

▶ Activating/deactivating (see 6.2 Control concept) .

Turn off appliance

This setting turns off the whole appliance.

Switching off the entire appliance

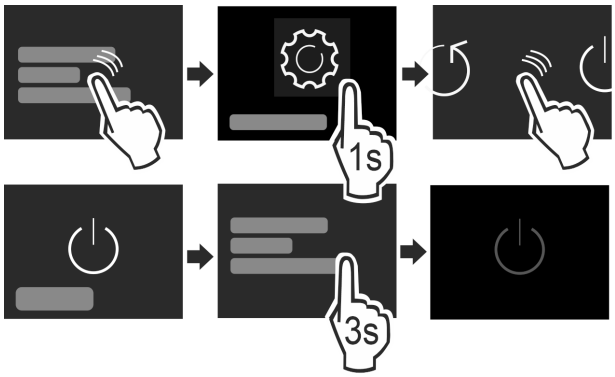


Fig. 11

▶ Activating/deactivating (see 6.2 Control concept) .
▷ Off: Display goes black.

6.5 Warnings

Warnings are issued with an acoustic signal and visually with a symbol on the display. The signal gets louder until the alert stops.

6.5.1 Message

Close door

This message appears if the door is open for too long.

You can set how long it takes for this message to appear .
▶ Stop alarm: Confirm the message.
-or-
▶ Close the door.

Error

This message appears if there is a fault with the appliance. An appliance component indicates a fault.
▶ Open the door.
▶ Note down the fault code.
▶ Confirm the message.
▷ The audible signal stops.
▷ The display switches to the Status screen.
▶ Close the door.
▶ Contact Customer Services (see 9.4 Customer Services) .

6.5.2 DemoMode

If “D” appears on the display, demo mode is on. This option is designed for retailers, as it turns off all the cooling functions.

Stopping DemoMode
If you see the following running in the display:
▶ Confirm the display within the countdown.
▷ DemoMode is off.
If the timer is not running:
▶ Unplug the appliance.
▶ Plug the appliance in again.
▷ DemoMode is off.

7 Features

7.1 Door rack

7.1.1 Move/remove the door rack

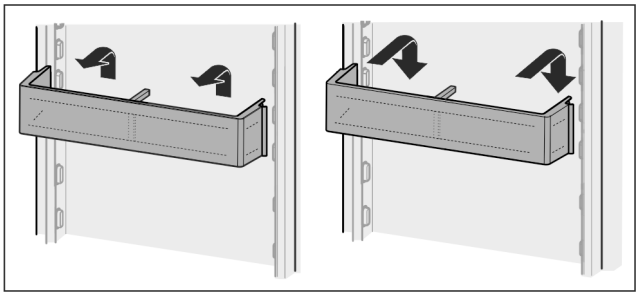


Fig. 12

▶ Slide the rack upwards.
▶ Pull forwards.
▶ Re-insert it in reverse order.

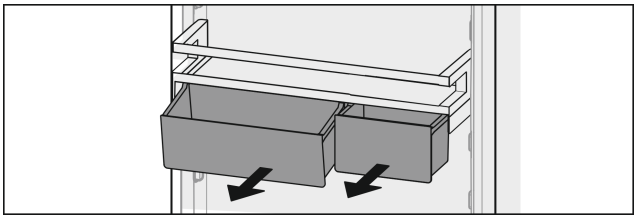


Fig. 13

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

Move the VarioBox shelf:

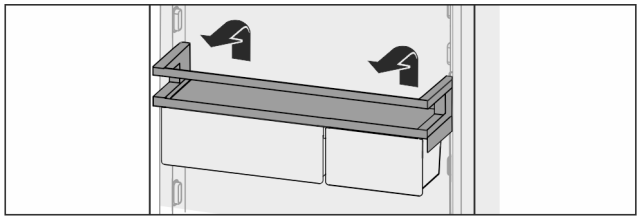


Fig. 14

▶ Pull it up and out.
▶ Put it back in at any position.

Moving the VarioBoxes:

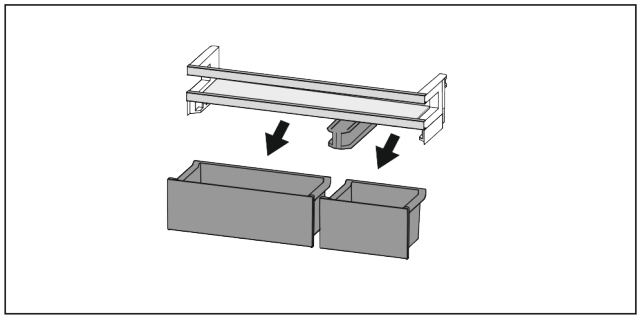


Fig. 15

If the door rack is removed:

▶ Remove containers.

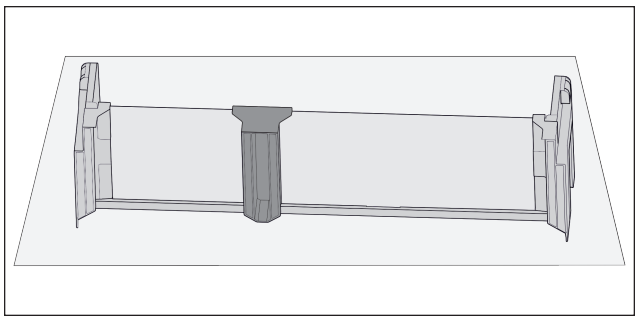


Fig. 16

▶ Place the shelf on the table.

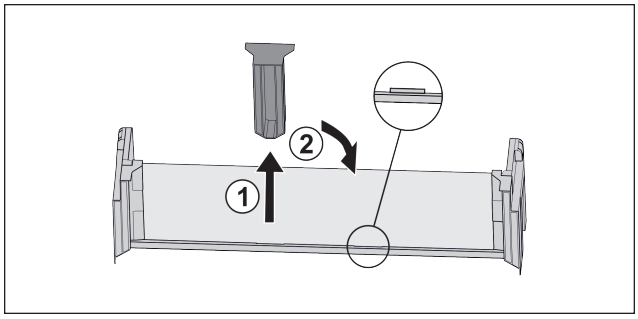


Fig. 17

▶ Pull off the middle holder *Fig. 17 (1)*.
▶ Insert the middle holder in the second position *Fig. 17 (2)*.

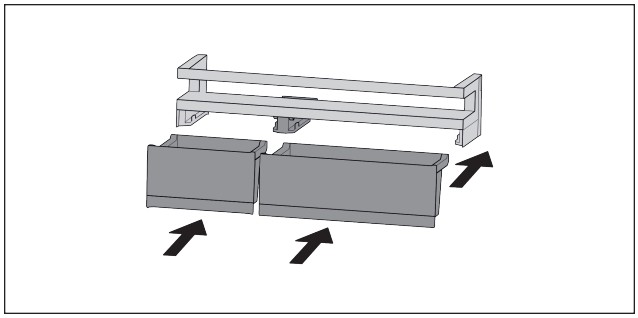


Fig. 18

▶ Replace containers.

7.1.2 Disassembling the door rack

The door rack can be taken apart for cleaning.

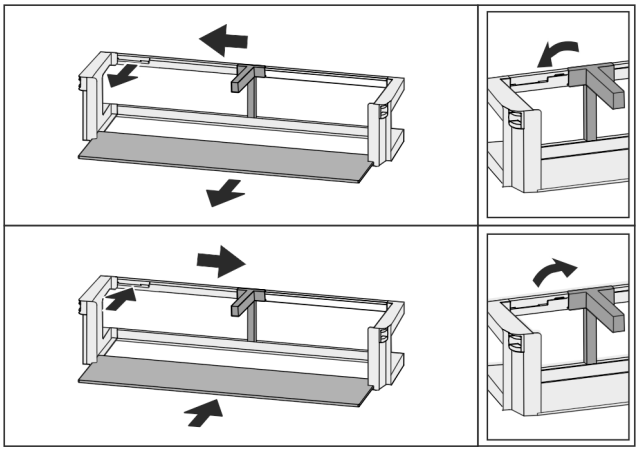


Fig. 19

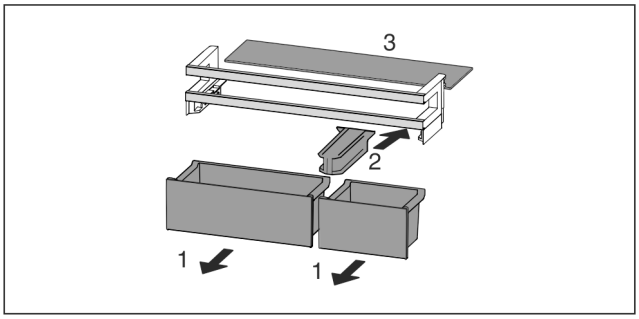


Fig. 20

▶ Disassemble the door rack.

7.2 Shelves

7.2.1 Adjusting/removing the shelves

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

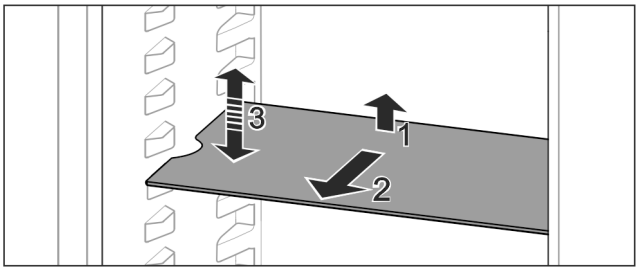


Fig. 21

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

-or-

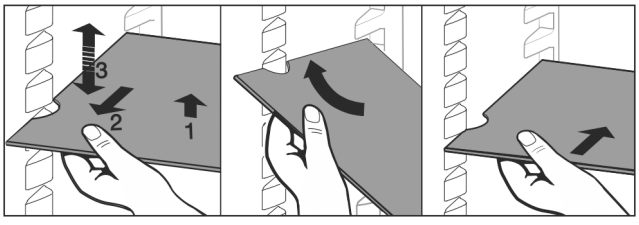


Fig. 22

▶ Remove the shelf completely: Pull it out to the front.

▶ Easier removal: Set the shelf at an angle.

*** Depending on model and options**

▶ 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.

You can also remove the shelf above the EasyFresh compartments.

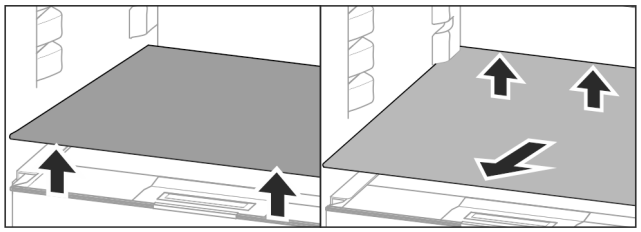


Fig. 23

Removing the shelf:
▶ Lift the shelf at the front and back.
▶ Pull it out towards you.

Do not store any goods on the compartment cover below!

Inserting the shelf:
▶ Place the shelf at an angle, sloping down towards the back.
▷ The pull-out stoppers point downwards.
▶ Slide the shelf into place.

7.3 Dividing shelf

7.3.1 Using the dividing shelf

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

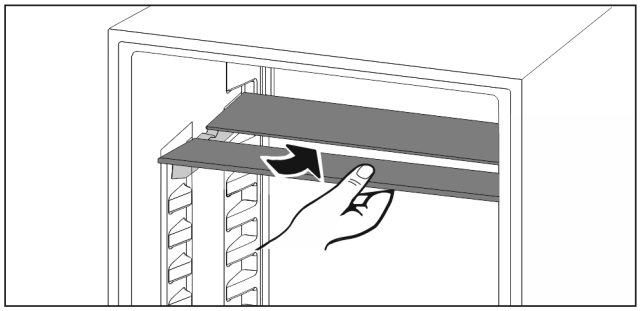


Fig. 24

▶ Push the dividing shelf underneath as shown.

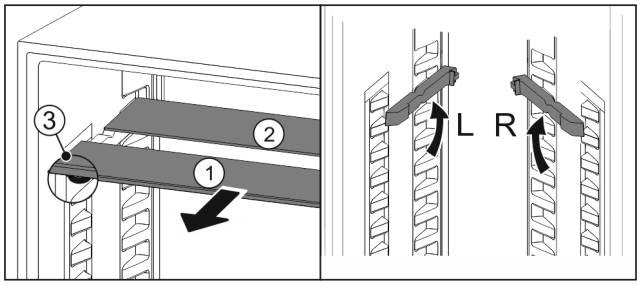


Fig. 25

Adjusting the height:
▶ Pull the glass panels out *Fig. 25 (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. 25 (1)* and trim strip are at the front.
▷ The stops *Fig. 25 (3)* point down.

7.4 VarioSafe

The VarioSafe provides space for compact foodstuffs and packages, pots and glasses.

7.4.1 Using the VarioSafe

You can remove the drawer and slide it back in at 2 different heights. This is handy for storing taller items in the drawer.

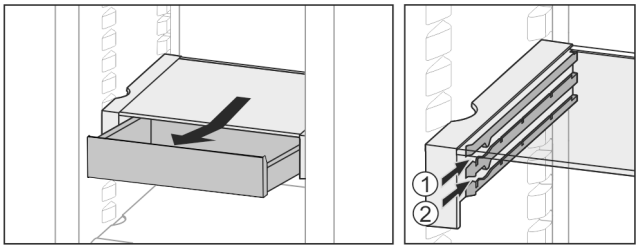


Fig. 26

▶ Remove the drawer.
▶ Slide back at the height you want *Fig. 26 (1)* or *Fig. 26 (2)*.

7.4.2 Repositioning the VarioSafe

You can shift the height of the entire VarioSafe.

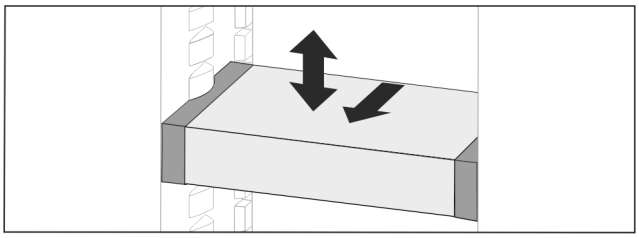


Fig. 27

▶ Pull forwards.
▷ Line up the side runner.
▶ Lift or lower to the height you want.
▶ Slide to the rear.

7.4.3 Removing the entire VarioSafe

You can remove VarioSafe as a whole unit.
▶ Pull forwards.
▷ Line up the side runner.

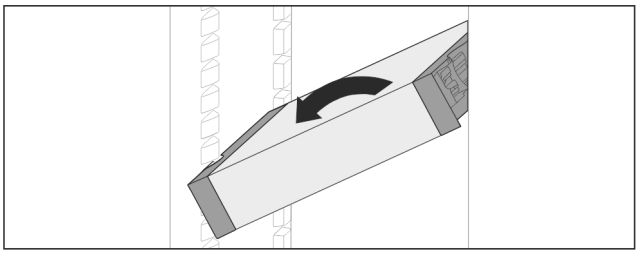


Fig. 28

▶ Tip to the side and pull towards you.

7.4.4 Disassembling the VarioSafe

You can take the VarioSafe apart for cleaning.

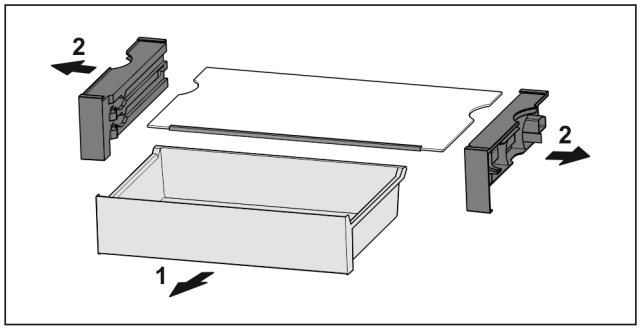


Fig. 29

▶ Disassembling the VarioSafe

7.5 Drawers

Drawers can be removed for cleaning.

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

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

▶ Always leave the fan air vents clear on the back wall!

7.5.1 Removing the drawer

Drawer on rails

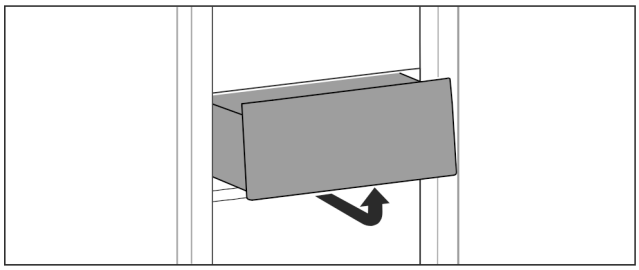


Fig. 30

▶ Remove the drawer as shown in the illustration.

Drawer on telescopic rails

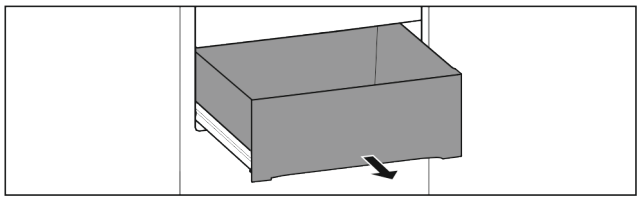


Fig. 31

Ensure that the following conditions are met:

❑ Drawer is completely pulled out (see Fig. 1595) .

Partial pull-out fridge compartment:

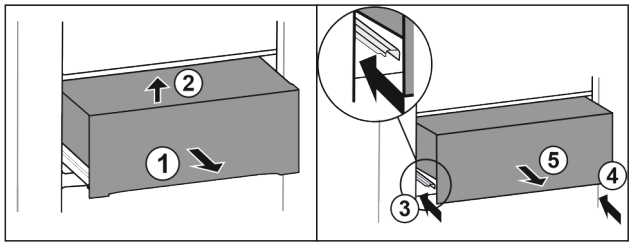


Fig. 32

▶ Pull out the drawer half-way *Fig. 32 (1)*.
▶ Lift at the front *Fig. 32 (2)*.
▶ Insert left rail *Fig. 32 (3)*.
▶ Insert right rail *Fig. 32 (4)*.
▶ Take out the drawer to the front *Fig. 32 (5)*.

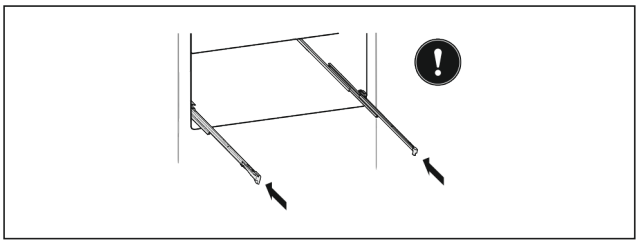


Fig. 33

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

▶ Push the rails in completely.

7.5.2 Inserting the drawer

Drawer on rails

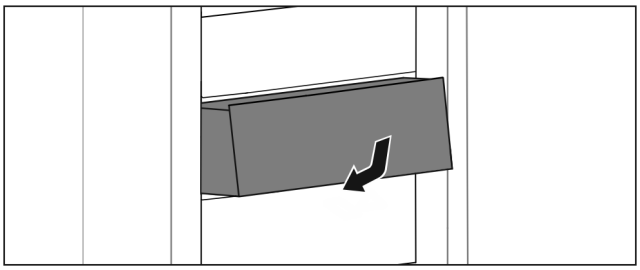


Fig. 34

▶ Insert the drawer as shown.

Drawer on telescopic rails

Partial pull-out fridge compartment:

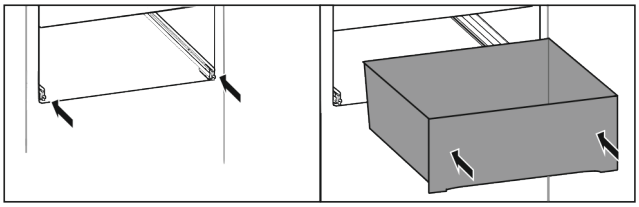


Fig. 35

▶ Slide the rails in.
▶ Place the drawer on the rails.
▶ Push all the way back.

7.6 EasyFresh-Safe cover

You can remove the compartment cover for cleaning.

7.6.1 Removing the compartment cover

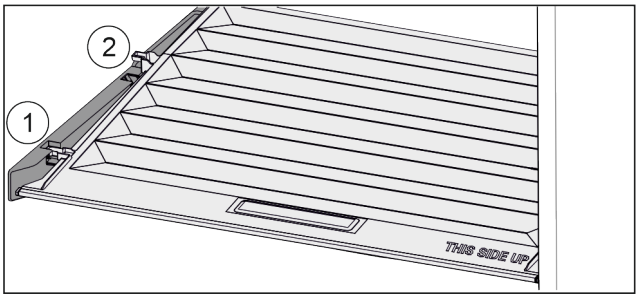


Fig. 36

When the drawers are removed:

▶ Pull the lid up at the front to the opening in the retaining parts *Fig. 36 (1)*.
▶ Lift from the back and pull it up and out *Fig. 36 (2)*.

7.6.2 Inserting the compartment cover

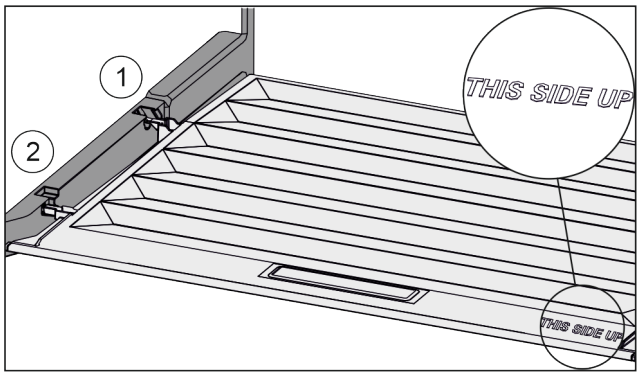


Fig. 37

If the text THIS SIDE UP points upwards:

▶ Insert the lip of the cover over the opening of the rear bracket *Fig. 37 (1)* and click into place *Fig. 37 (2)*.

▶ Position the cover where you want it (see 7.7 Adjusting the moisture levels) .

7.7 Adjusting the moisture levels

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

The compartment lid is attached to the drawer and can be hidden by a shelf or additional drawers.

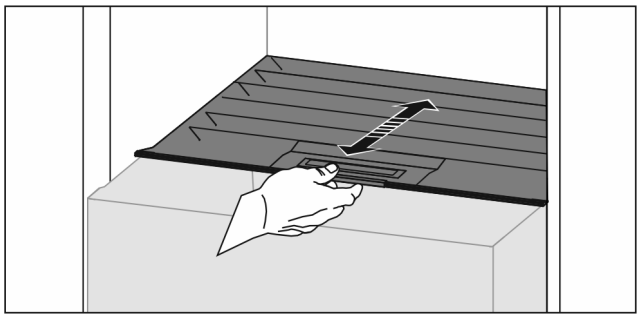


Fig. 38

Low air humidity

▶ Open the drawer.

▶ Slide the compartment cover forwards.

▷ With the drawer closed: Gap between the cover and the compartment.

▷ The air moisture in the Safe decreases.

High air moisture

▶ Open the drawer.

▶ Slide the cover back.

▷ With the drawer closed: The cover seals the compartment.

▷ The air moisture in the Safe increases.

If there is too much moisture in the compartment:

▶ Choose the setting “low air moisture”.

-or-

▶ Remove any excess moisture with a cloth.

7.8 Accessories

7.8.1 Butter dish

Opening/closing the butter dish

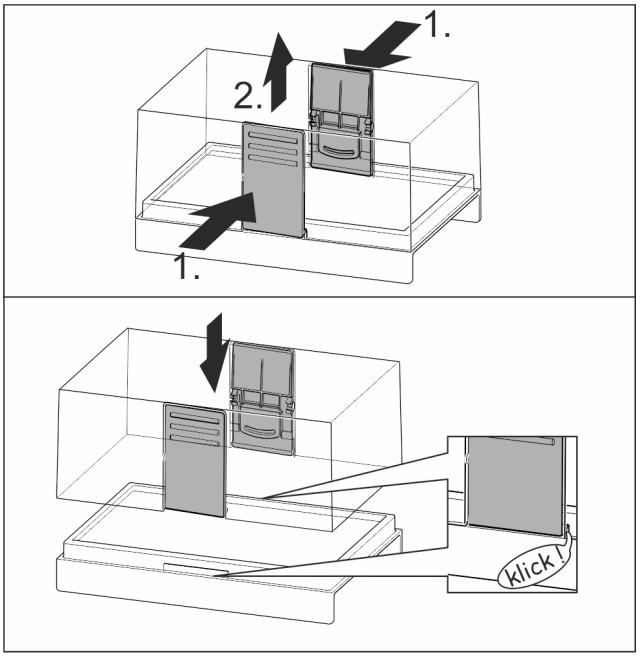


Fig. 39

Dismantling the butter dish

You can take the butter dish apart for cleaning.

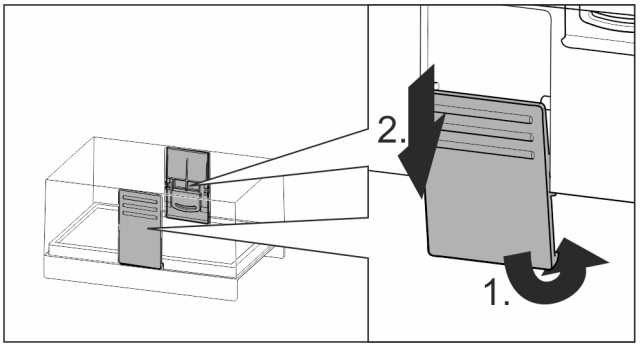


Fig. 40

▶ Disassembling the butter dish.

7.8.2 Egg rack

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

Using the egg rack

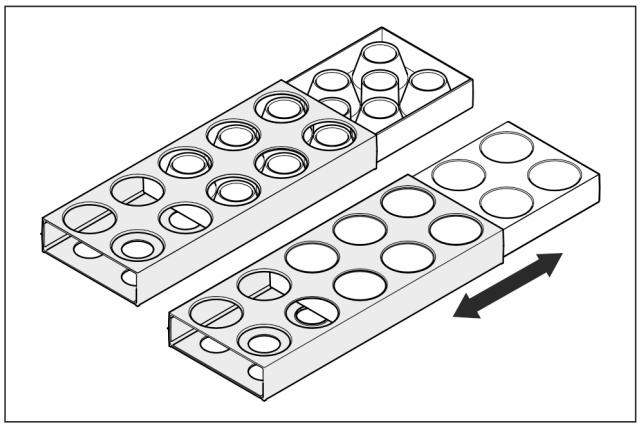


Fig. 41

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

7.8.3 Bottle holder

Using the bottle holder

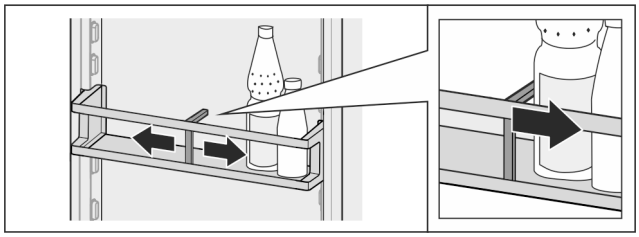


Fig. 42

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

Removing the bottle holder

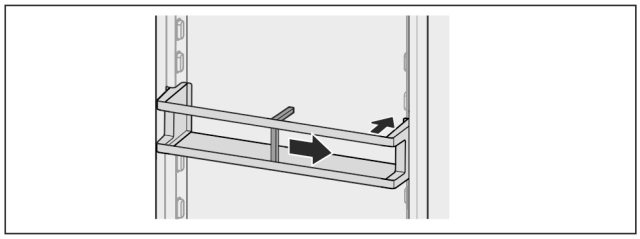


Fig. 43

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

8 Maintenance

8.1 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.
With the *Reminder* setting on, a message on the display prompts you to replace it.
❑ The carbon filter can be disposed of with the regular household waste.

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

8.1.1 Removing the FreshAir carbon filter

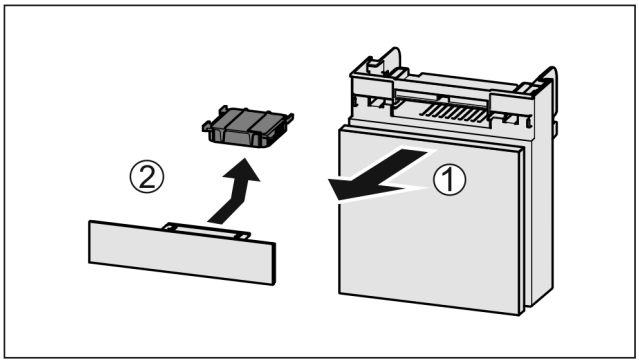


Fig. 44

▶ Pull out the compartment *Fig. 44 (1)*.
▶ Remove the carbon filter *Fig. 44 (2)*.

8.1.2 Inserting the FreshAir carbon filter

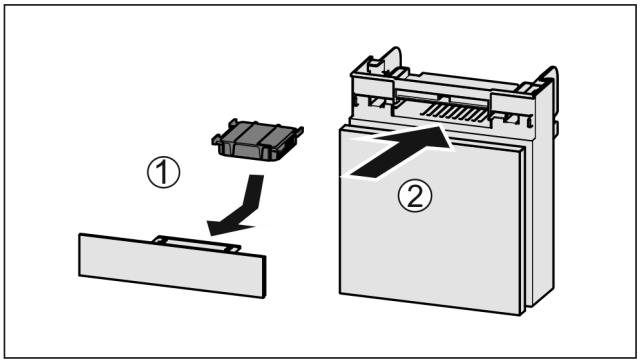


Fig. 45

▶ Insert the carbon filter as shown in the diagram *Fig. 45 (1)*.
▷ The carbon filter clicks into place.
If the carbon filter is pointing downwards:
▶ Push the compartment in *Fig. 45 (2)*.
▷ The carbon filter is now ready for use.

8.2 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.

A layer of frost or ice can from briefly due to the energy-optimised control of the device.

▶ Clean the drain opening regularly (see 8.3 Cleaning the appliance) .

8.3 Cleaning the appliance

8.3.1 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.

8.3.2 Clean the housing

NOTICE
Improper cleaning!
Damage to the appliance.
▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.

WARNING
Risk of injury and damage as a result of hot steam!
Hot steam can lead to burns and can damage the surfaces.
▶ Do not use any steam cleaners!

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

8.3.3 Cleaning the interior

NOTICE
Improper cleaning!
Damage to the appliance.
▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.

▶ Plastic surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.
▶ Metal surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.
▶ Drain outlet *Fig. 1 (16)*: remove any deposits with a thin item such as a cotton bud.

8.3.4 Clean the components

NOTICE
Improper cleaning!
Damage to the appliance.
▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.

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

- VarioSafe
- EasyFresh-Safe cover
- Drawer

Clean with a damp cloth:

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

Wash in the dishwasher up to 60 °C:

- Door rack
- VarioBox
- Bottle rack
- Shelf
- Dividing shelf
- Holder of the dividing shelf
- Egg rack
- Butter dish

▶ To disassemble components: see the relevant section.
▶ Clean the components.

8.3.5 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.

9 Customer help

9.1 Technical specifications

Temperature range	
Cooling	2 °C to 9 °C

Lighting	
Class[1]	Light source
This product contains a light source that meets energy efficiency rating F	LED

1 The appliance may contain light sources with different energy efficiency classes. The lowest class is given here.

9.2 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 6.3 Functions)
- Fan running
- Food recently added
- High ambient temperature
- Door open for a while

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

Noise	Possible cause	Type of noise
Rattling or humming	Valves or flaps are working.	Normal switching noise

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

9.3 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.

9.3.1 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. ▶ Protecting food: Lay freezer packs on top of the food or use another freezer if the power is off for a prolonged period. ▶ Do not re-freeze defrosted food,
	→ The appliance plug does not fit the appliance properly.	▶ Check the appliance plug.
Temperature is not cold enough.	→ The appliance door is not closed properly.	▶ Close the appliance door.
	→ Not enough ventilation.	▶ Keep ventilation grille clear, and clean it.
	→ The ambient temperature is too high.	▶ Solution: (see 1.4 Appliance range of use) .
	→ The appliance was opened too many times or for too long.	▶ Wait to see if the required temperature corrects itself. If not, contact Customer Service (see 9.4 Customer Services) .
	→ The temperature is set incorrectly.	▶ Turn down the temperature and check after 24 hours.
	→ The appliance is too close to a heat source (oven, radiator, etc).	▶ Move the appliance or the heat source.
The status display does not light up.	→ The status display is switched off.	▶ Turn on the status display .
	→ The door is open.	▶ Close the door.
	→ The appliance is switched off.	▶ Switch the appliance on.
	→ LED is faulty.	▶ Contact Customer Services (see 8 Maintenance) .
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 Services (see 9.4 Customer Services) .
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.
The appliance is hot to touch on the outside*.	→ The heat of the refrigeration circuit is used to avoid condensation.	▶ This is normal.

*** Depending on model and options**

9.3.2 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 turns off automatically after approx. 15 min. with the door open.
	→ The LED light is faulty or the cover is damaged:	**WARNING** Risk of injury due to electric shock! There are live electrical parts under the cover. ▶ Only ever have the inside LED light replaced or repaired by customer service or trained personnel.

9.4 Customer Services

First check if you can fix the error yourself (see 9 Customer help) . If you can't, contact Customer Services.

Please refer to the enclosed “Liebherr-Service” brochure for the address.

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 8 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.

9.4.1 Contact Customer Services

Make sure you have the following appliance data at the ready:

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

▶ Look up the appliance information on the display (see Info) .
-or-
▶ Referring to appliance info on the nameplate (see 9.5 Model plate) .

▶ Note down the appliance information.
▶ Notify Customer Services of the following: Give us the appliance data.
▷ This will help us to provide you with a faster, more accurate service.
▶ Follow any further instructions given by Customer Services.

9.5 Model plate

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

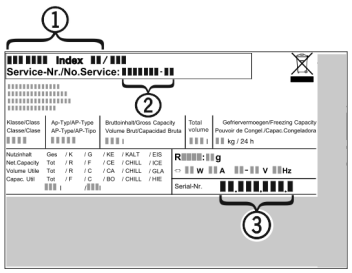


Fig. 46

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

▶ Note the data on the model plate.

10 Shutting down

- ▶ Empty the appliance.
- ▶ Turn off the appliance (see 6.4 Settings) .
- ▶ Remove mains connector.
- ▶ Remove appliance connector if required: Remove and move from left to right at the same time.
- ▶ Clean the appliance (see 8.3 Cleaning the appliance) .
- ▶ Leave the door open to avoid bad smells building up.

11 Disposing of the appliance

WARNING
Danger of entrapment for children!
Before you dispose of your old refrigerator or freezer:
- ▶ Dismantle doors.
- ▶ Leave storage shelves in the appliance so that children cannot easily climb into the appliance.

The appliance contains some reusable materials and should be disposed of properly - not simply with unsorted household refuse. Appliances which are no longer needed must be disposed of in a professional and appropriate way, in accordance with the current local regulations and laws.

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.

Do not damage the refrigeration circuit of the old appliance during removal to prevent the refrigerant contained (information on the type plate (see 9.5 Model plate)) and the oil from escaping in an uncontrolled manner.

For Germany:

Disposing of the appliance

The appliance can be disposed of free of charge in Class 1 collection containers at your local recycling centre. When purchasing a new fridge/freezer and if your sales area is > 400 m^2, the retailer with also take back the old appliance free of charge.

Decommission the appliance:

▶ Pull out the plug.

▶ Remove the connection cable from the appliance.

home.liebherr.com/fridge-manuals

EN Refrigerator

Issue date: 20211203
Part number index: 7080486-00

Liebherr-Hausgeräte Marica EOOD
Bezirk Plovdiv
4202 Radinovo
Bulgarien