User Guide

Quality, Design and Innovation

home.liebherr.com/fridge-manuals

LIEBHERR

Contents

1 General safety instructions..... 3

2 Appliance at a glance..... 4
2.1 Scope of delivery..... 4
2.2 Overview of the appliance and equipment..... 4
2.3 VarioTempZone..... 4
2.4 SmartDevice..... 5
2.5 Appliance range of use..... 5
2.6 Conformity..... 5
2.7 Spare parts..... 5

3 Functionality of the Touch & Swipe display..... 5
3.1 Navigation and symbol explanation..... 5
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 EasyTwist-Ice for the first time..... 7

5 Storage..... 7
5.1 Information regarding storage..... 7
5.2 Fridge compartment..... 8
5.3 EasyFresh 8
5.4 Freezer compartment..... 8
5.5 Storage times..... 8

6 Saving energy..... 9

7 Controls..... 9
7.1 Controls and displays..... 9
7.1.1 Status display..... 9
7.1.2 Display symbols..... 9
7.2 Appliance functions..... 9
7.2.1 Notes on the appliance functions..... 9
Switching the appliance off and on..... 9
Switching temperature zone off and on..... 10
WiFi..... 10
Temperature..... 11
Temperature unit..... 12
SuperCool..... 12
SuperFrost..... 12
Start defrosting cycle..... 13
PartyMode 13
HolidayMode..... 14
SabbathMode..... 14
EnergySaver 15
CleaningMode..... 15
Display brightness..... 16
H-Value..... 16
Door alarm..... 16
Child lock..... 17
Language..... 17
Appliance and software information..... 17
Reminder..... 18
Demo mode..... 18
Resetting to factory settings..... 19
7.3 Messages..... 19
7.3.1 Overview of warnings..... 19
7.3.2 Ending warnings..... 19
7.3.3 Overview of reminders..... 20
7.3.4 Ending reminders..... 20

8 Features..... 21
8.1 Door rack..... 21
8.2 Drawers..... 23
8.3 Compartment lid for EasyFresh Safe..... 24
8.4 Glass shelves..... 25
8.5 EasyTwist-Ice..... 25
8.6 Egg rack..... 26
8.7 Bottle holder..... 26
8.8 FlexCube..... 26

9 Maintenance..... 27
9.1 FreshAir carbon filter..... 27
9.2 Disassembling / assembling pull-out systems..... 27
9.3 Compartment lid for EasyFresh Safe..... 27
9.4 Defrosting the appliance..... 28
9.5 Cleaning the appliance..... 28

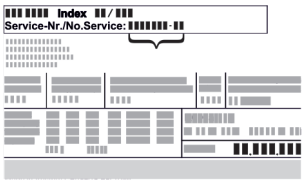
10 Customer help..... 30
10.1 Technical specifications..... 30
10.2 Operating noises..... 30
10.3 Technical fault..... 31
10.4 Customer Service..... 32
10.5 Model plate..... 32

11 Shutting down..... 32

12 Disposal..... 32
12.1 Preparing appliance for disposal..... 32
12.2 Disposing of the appliance in an environmentally friendly manner..... 33

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.

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

Open source licences:

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

These operating instructions apply to:

M..h	90..

1 General safety instructions

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

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

Danger for the user:

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

Fire hazard:

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

Danger of tipping and falling:

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

Danger of food poisoning:

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

Danger of frostbite, numbness and pain:

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

Danger of injury and damage:

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

Risk of crushing:

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

Symbols on the appliance:



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



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



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

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

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

2 Appliance at a glance

2.1 Scope of delivery

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

Your new appliance comes with the following parts:

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

2.2 Overview of the appliance and equipment

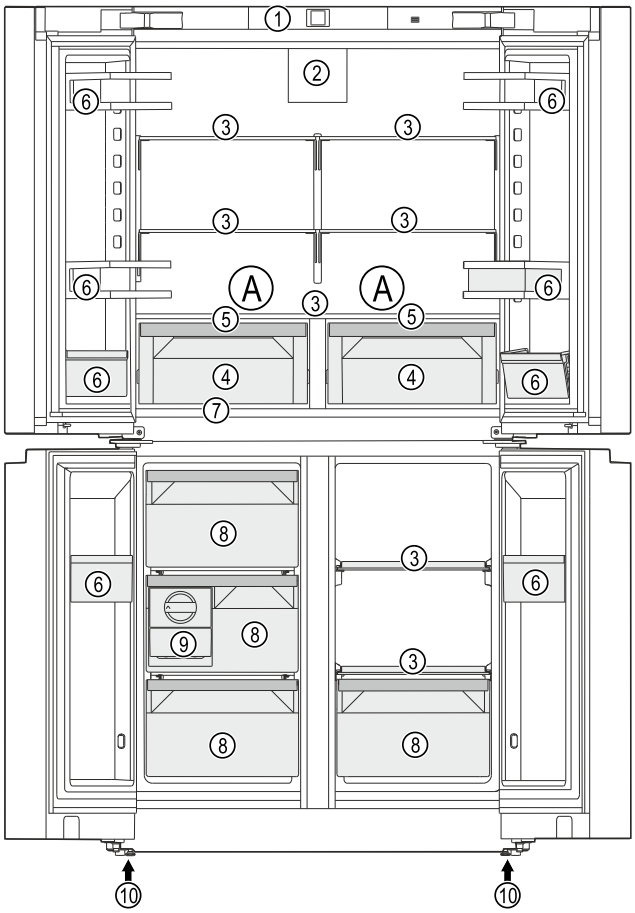


Fig. 1 Example illustration

Temperature range

(A) Coldest area

Equipment

(1) Controls
(2) Fan with FreshAir activated charcoal filter
(3) Shelf
(4) EasyFresh Safe
(5) Compartment lid for EasyFresh Safe
(6) Door rack
(7) Type plate
(8) Freezer drawer
(9) EasyTwist-Ice
(10) Adjustable foot

2.3 VarioTempZone

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

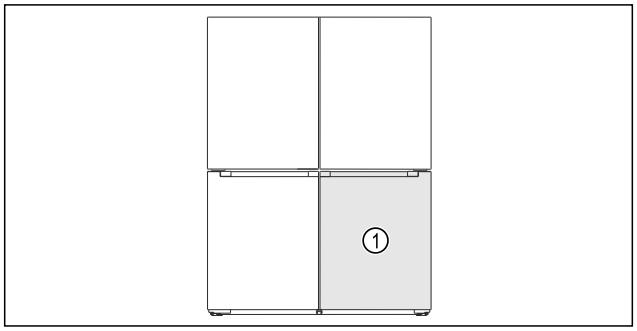


Fig. 2 Example illustration

(1) VarioTempZone

*** Depending on model and options**

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

More information:

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

2.4 SmartDevice

SmartDevice is the networking solution for your fridge-freezer.

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

SmartDevice-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 app, you can connect your appliance to your Wi-Fi (see WiFi) using the SmartDevice app and the appliance's Wi-Fi function.

Note

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

You cannot use the SmartDeviceBox.

2.5 Appliance range of use

Intended use

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

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

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

All other types of use are not permitted.

Foreseeable misuse

The following applications are expressly forbidden:

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

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

Climate classifications

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

Note

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

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

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

2.6 Conformity

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

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

2.7 Spare parts

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

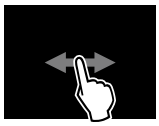
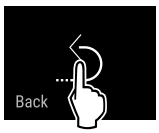
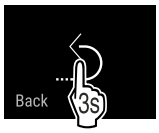
3 Functionality of the Touch & Swipe display

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

3.1 Navigation and symbol explanation

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

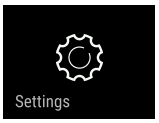
Symbol	Description
	**Briefly touch the display:** Activates/deactivates function. Confirms selection. Opens submenu.

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

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

3.2 Menus

The appliance functions are distributed over various menus:

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

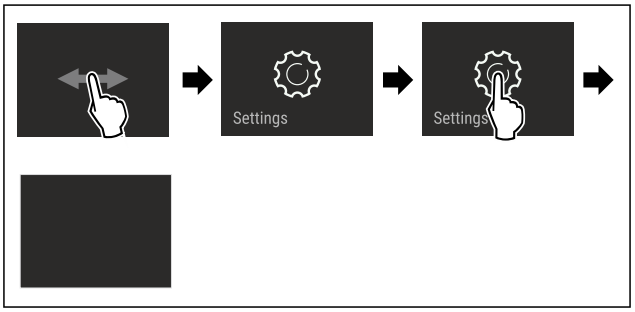


Fig. 3 Example illustration

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

3.2.2 Opening the expanded menu



Fig. 4

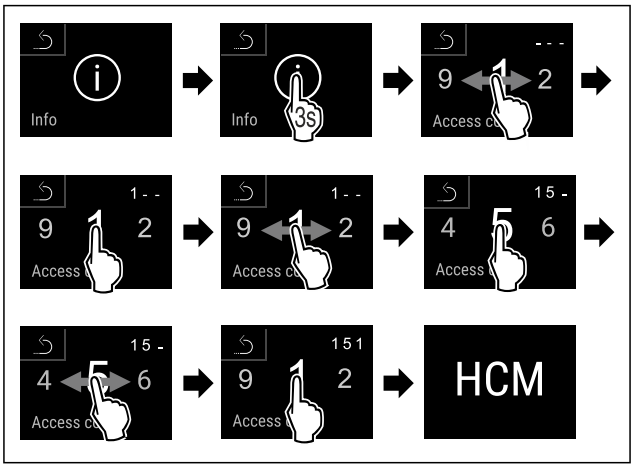


*Fig. 5 Example illustration, access with numerical code **151***

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

3.3 Sleep mode

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

3.3.1 Ending sleep mode

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

4 Putting into operation

4.1 Switching on appliance (first use)

Make sure that the following requirements are fulfilled:

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

Switch on the appliance using the Touch & Swipe display:

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

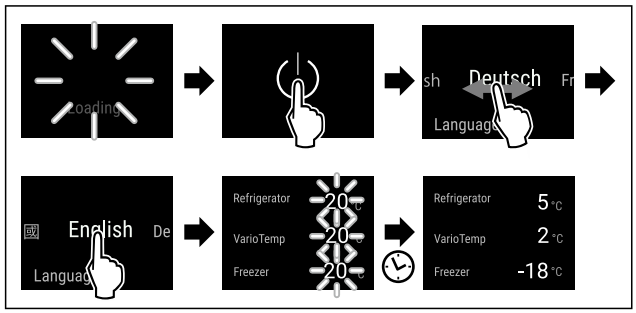


Fig. 6 Example illustration

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

More information:

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

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

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

4.2 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 9.5.5 Cleaning the EasyTwist-Ice)
▶ Fill the water tank. (see Filling the water tank)

5 Storage

5.1 Information regarding storage

WARNING
Fire hazard from electrical appliances!
If you use electrical appliances in the food area of your appliance, they can cause a fire.
▶ Do not use electrical appliances in the food area of the appliance unless recommended by the manufacturer.

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

Observe the following specifications for storage:

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

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

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

VarioTempZone overview

5.2 Fridge compartment

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

5.2.1 Arranging your food properly

- ▶ Upper area and door: Store butter, cheese, tinned food and tubes.
- ▶ Coldest temperature zone: Store perishable foods such as pre-cooked meals, meat and lunch meats.
- ▶ Bottom shelf: Store raw meat or fish.

5.3 EasyFresh

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

The humidity inside the drawer depends on the humidity content of the food inside it, and the frequency at which it is opened. The humidity can be regulated. (see 8.3 Compartment lid for EasyFresh Safe)

5.3.1 Arranging your food properly

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

5.4 Freezer compartment

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

5.4.1 Freezing food

Freezing quantity

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

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

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

Freezing food using SuperFrost

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

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

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

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

Arranging your food properly

CAUTION

Risk of injury from broken glass!

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

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

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

5.4.2 Defrosting food

WARNING

Risk of food poisoning!

- ▶ Do not re-freeze thawed food.
- ▶ Use defrosted foodstuff as soon as possible.

You can defrost food in several ways:

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

- ▶ Take out only as much food as necessary.

5.5 Storage times

Refer to the specified storage times as a guide.

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

5.5.1 Fridge section

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

5.5.2 Freezer compartment

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

6 Saving energy

- Pay attention to good ventilation. Do not cover ventilation holes or grids.
- Always keep the fan air slits clear.
- Do not place the appliance in direct sunlight or near radiators or similar sources of heat.
- If the appliance is placed directly next to an oven, the energy consumption may increase slightly. This is dependent on the service life and usage intensity of the oven.
- Energy consumption depends on the installation conditions, e.g. the ambient temperature (see 2.5 Appliance range of use) . A warmer ambient temperature can increase the energy consumption.
- Open the appliance for as short a time as possible.
- The lower the temperature is set the higher the energy consumption.
- Sort your food: home.liebherr.com/food.
- Keep all food properly packed and covered. This prevents frost from forming.
- Only take food out for as long as necessary so that it doesn't warm up too much.
- Inserting warm food: allow to cool down to room temperature first.
- Thaw frozen food in the refrigerator.
- For longer periods of absence, use HolidayMode (see HolidayMode) .

7 Controls

7.1 Controls and displays

7.1.1 Status display

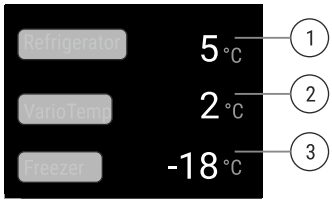


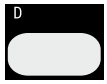
Fig. 7 The status display shows the actual temperature.

(1) Fridge section temperature display
(2) VarioTempZone temperature display
(3) Freezer section temperature display

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

7.1.2 Display symbols

Display symbols provide information on the current appliance status:

Symbol	Appliance status
	**Standby** The appliance or temperature zone is switched off.
	**Flashing number** Appliance is working. Temperature flashes until the set temperature is reached.
	
	**Flashing symbol** Appliance is working. Setting is made.
	
	**"D" on the status display** Demo mode is active.

7.2 Appliance functions

7.2.1 Notes on the appliance functions

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

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

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

 Switching the appliance off and on

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

Switching off the appliance

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

Make sure that the following requirements are fulfilled:

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



Fig. 8

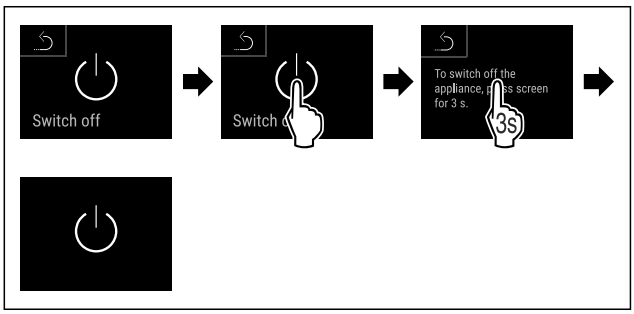


Fig. 9

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

Switching on the appliance

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

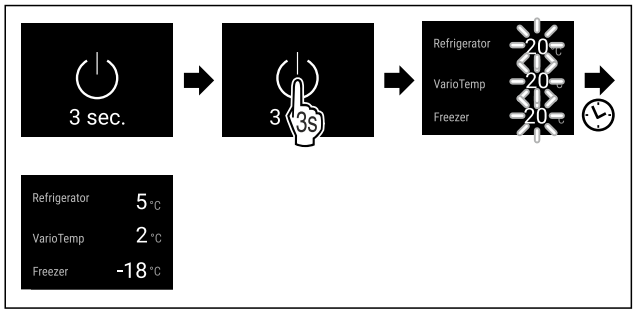


Fig. 10 Example illustration

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

Switching temperature zone off and on

You can switch temperature zones of the appliance off independently.

Switching the fridge compartment off

Make sure that the following requirements are fulfilled:

❑ Refrigerator compartment has been emptied.

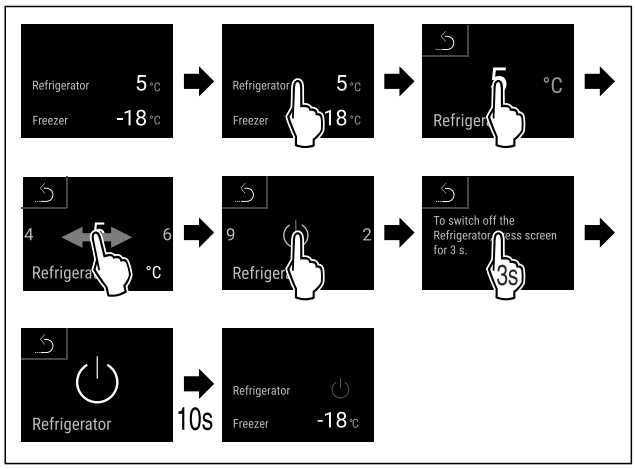


Fig. 11 Example illustration

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

Switching the fridge compartment on

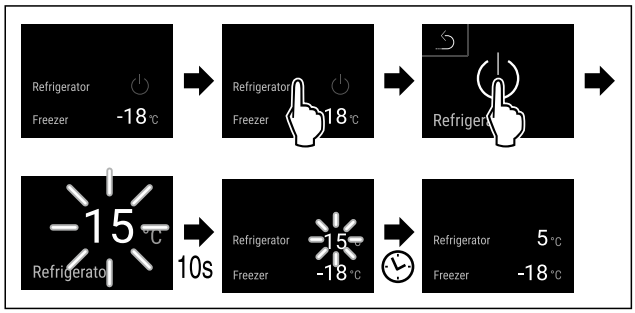


Fig. 12 Example illustration

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

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 2.4 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 2.4 SmartDevice)
❑ You have installed the SmartDevice app (see apps.home.liebherr.com).
❑ Registration in the SmartDevice app is completed.



Fig. 13

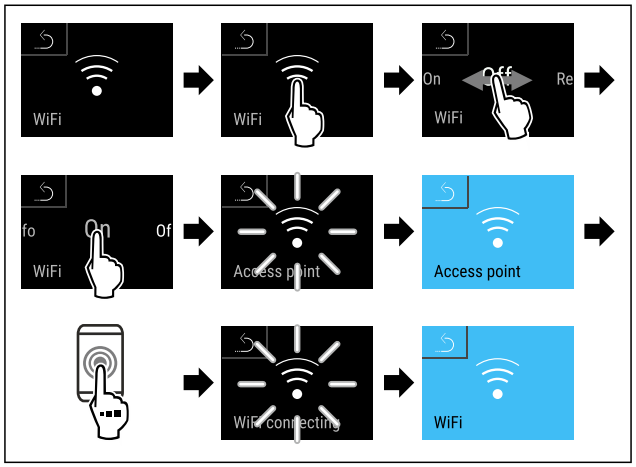


Fig. 14

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

Disconnecting from the WiFi



Fig. 15

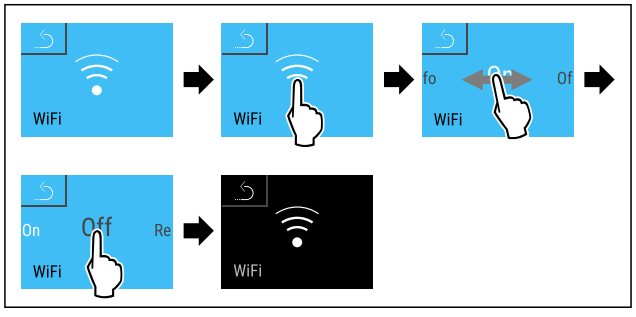


Fig. 16

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

Resetting the WiFi connection



Fig. 17

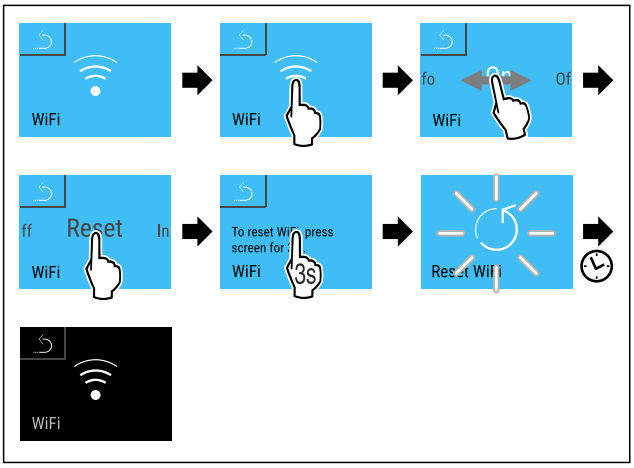


Fig. 18

▶ 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

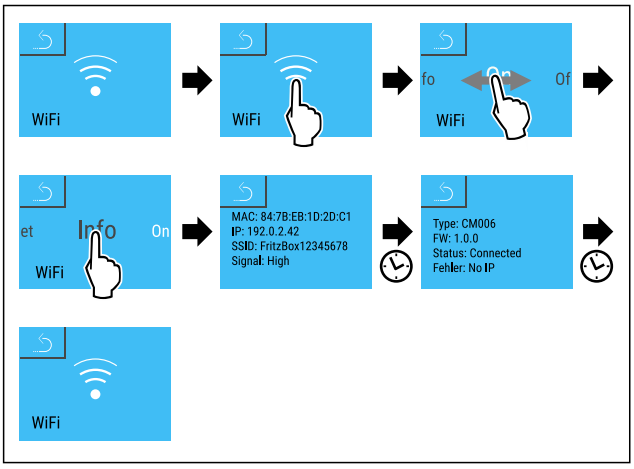


Fig. 20

▶ 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:

- Frequency of door opening
- Duration of door opening
- Room temperature of the installation site
- Type, temperature and quantity of food

Temperature zone	Factory-set temperature	Recommended setting
5 °C Fridge section	4 °C	4 °C
-18 °C Freezer section	-18 °C	-18 °C
-18 °C VarioTempZone	-18 °C	Depending on the use of the VarioTempZone (see 2.3 Vario-TempZone)

Setting the temperature in the fridge section

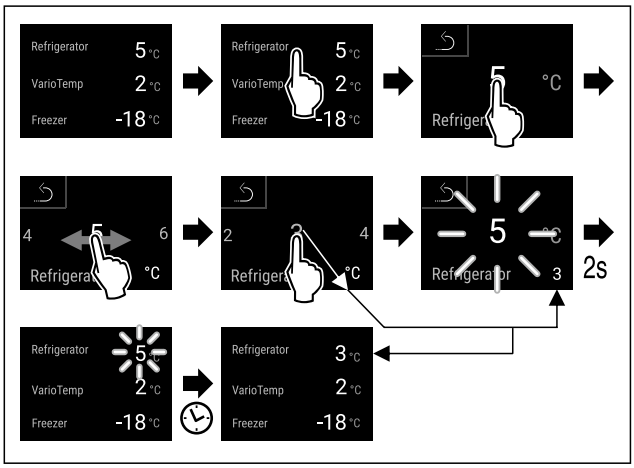


Fig. 21 Example illustration

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

Setting the temperature in the freezer section

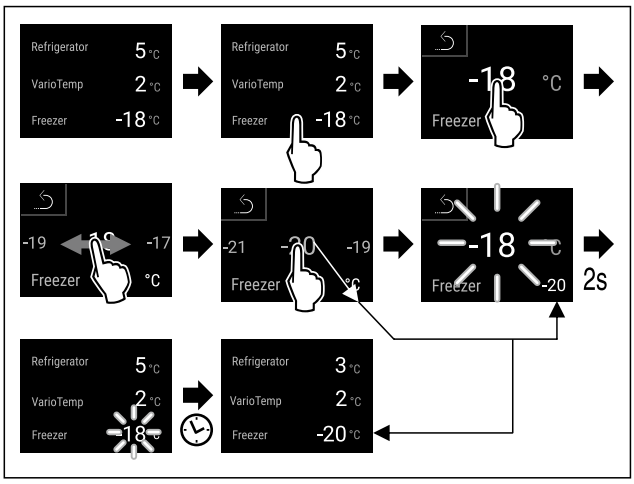


Fig. 22 Example illustration

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

Setting the temperature in the VarioTempZone

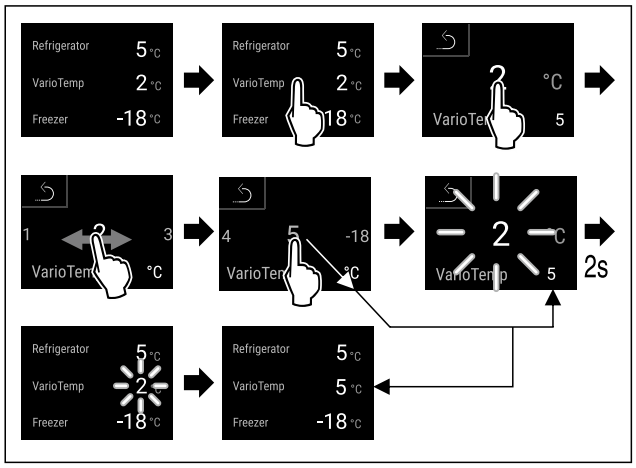


Fig. 23 Example illustration

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

Temperature unit

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

Setting the temperature unit



Fig. 24

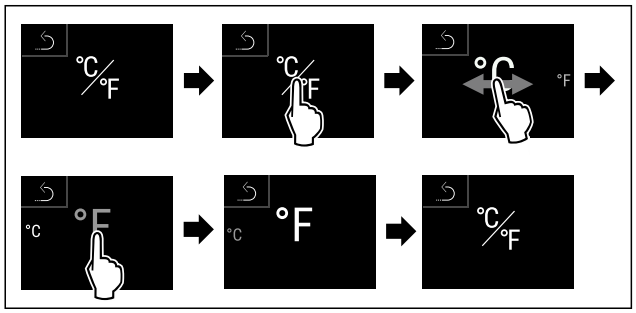


Fig. 26 Example illustration: Switch from degrees Celsius to degrees Fahrenheit.

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

SuperCool

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

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

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

Activating SuperCool

Time for activation of the function:

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

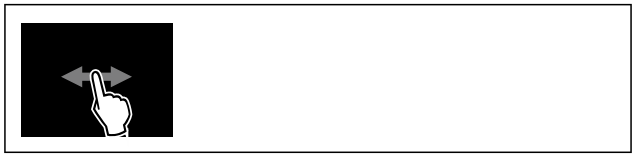


Fig. 27

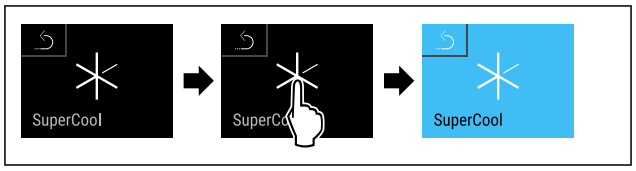


Fig. 28

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

Deactivating SuperCool

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

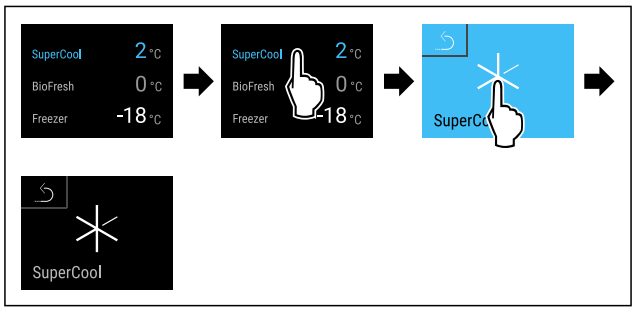


Fig. 29 Example illustration

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

SuperFrost

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

Application:

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

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

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

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

Activating SuperFrost

Make sure that the following requirements are fulfilled:

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



Fig. 30

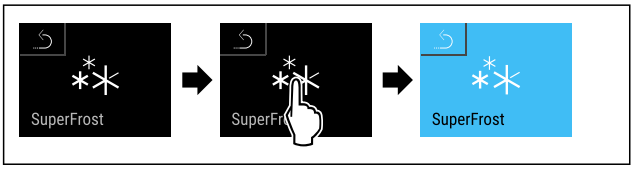


Fig. 31

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

Deactivating SuperFrost

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

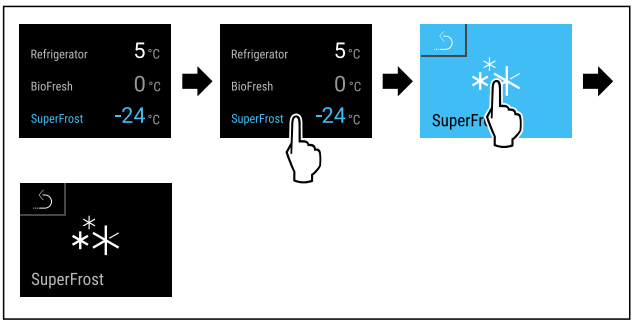


Fig. 32 Example illustration

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

Start defrosting cycle

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

Starting defrosting cycle



Fig. 33

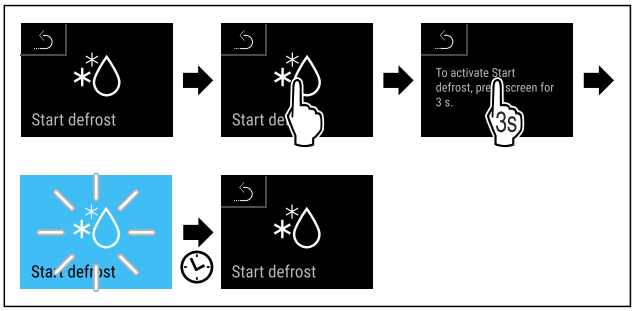


Fig. 34

▶ 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:

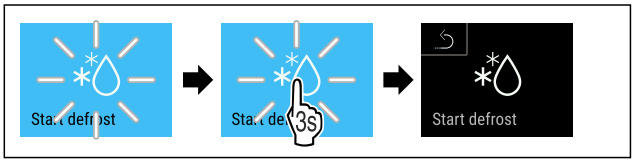


Fig. 35

▶ 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)

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

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

Activating PartyMode



Fig. 36

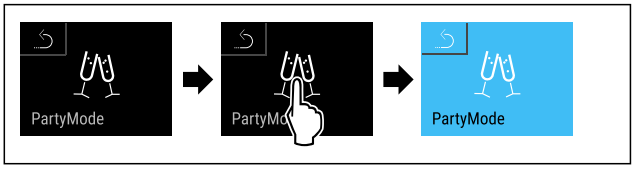


Fig. 37

▶ 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:

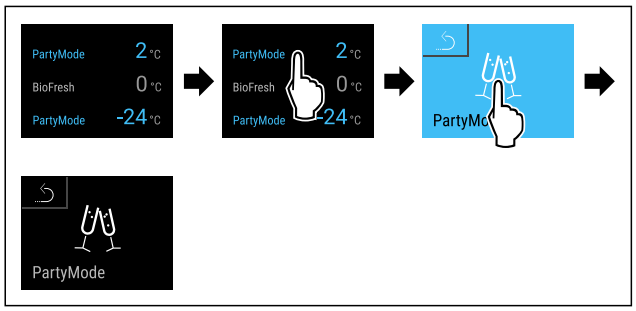


Fig. 38 Example illustration

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

HolidayMode

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

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

Activating HolidayMode

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



Fig. 39

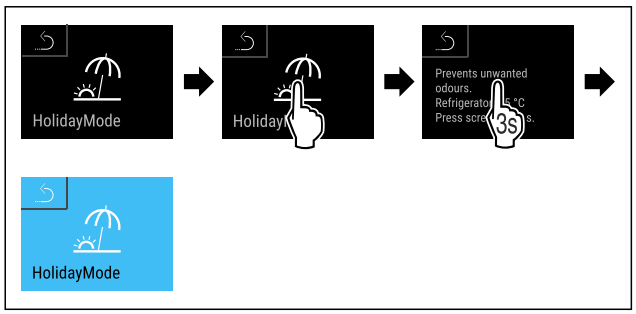


Fig. 40

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

Deactivating HolidayMode

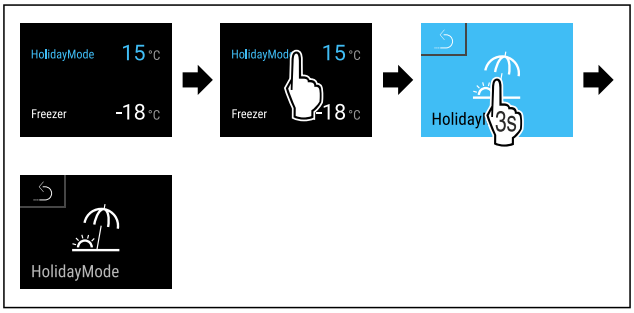


Fig. 41

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

SabbathMode

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

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

Device status

Note

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

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

Activating SabbathMode

WARNING

Danger of food poisoning from spoiled food!

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

After a power failure:

- ▶ Do not consume food that was frozen and has thawed out.



Fig. 42

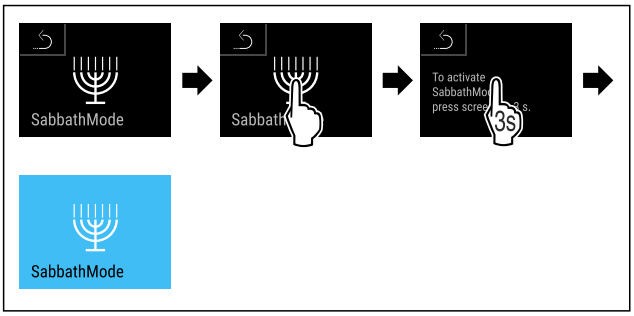


Fig. 43

▶ 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:

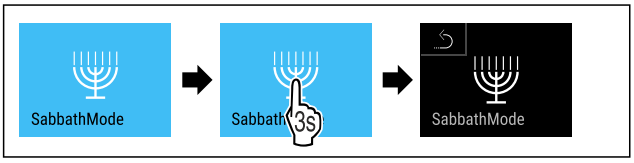


Fig. 44

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

EnergySaver

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

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

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

Temperatures

Activating EnergySaver

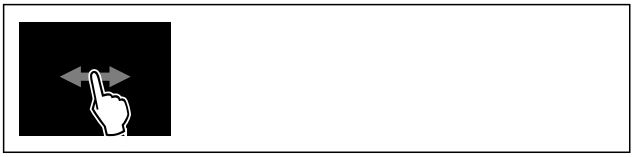


Fig. 45

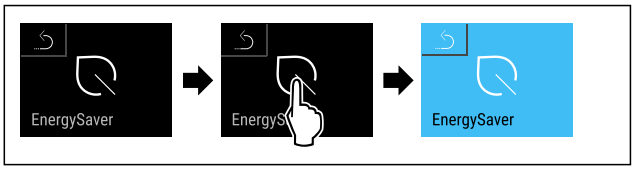


Fig. 46

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

Deactivating EnergySaver

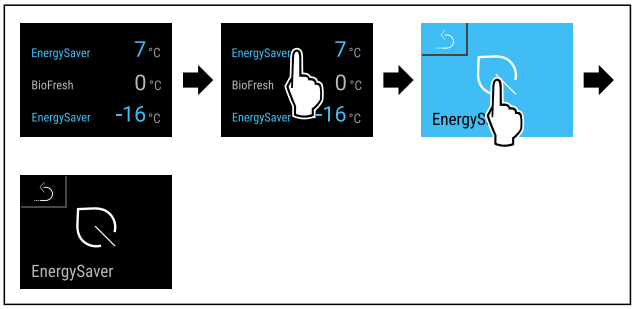


Fig. 47 Example illustration

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

CleaningMode

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

This setting applies to the fridge section.

Application:

- Clean the fridge section. (see 9.5 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

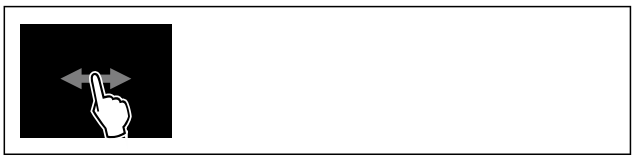


Fig. 48

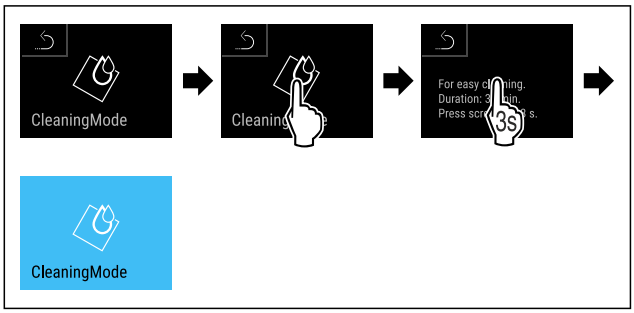


Fig. 49

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

▷ The status display shows CleaningMode permanently.

Deactivating CleaningMode

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

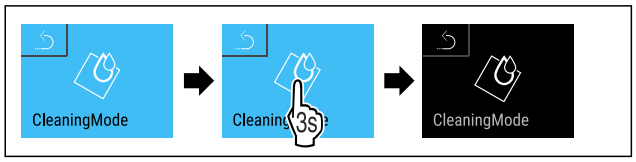


Fig. 50

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

Display brightness

Use this function to set the display brightness in stages.

You can select the following brightness levels:

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

Setting the brightness



Fig. 51

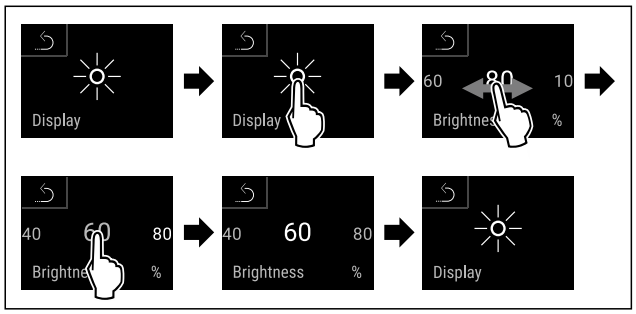


Fig. 52 Example illustration: Switch from 80 % to 60 %.

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

H-Value

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

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

Value	Description
HA	Automatic control depending on humidity and ambient temperature
H0	Anti-condensation heating is switched off.

Setting the H-Value



Fig. 53

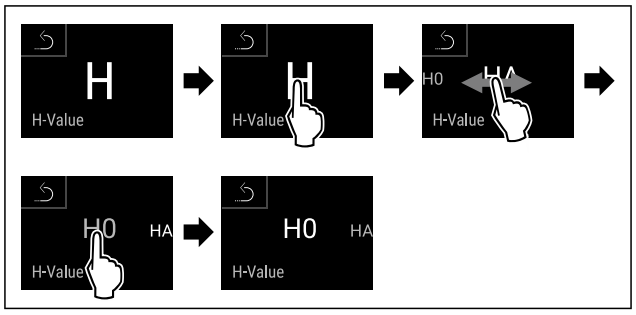


Fig. 54 Example illustration: Switch from HA to H0.

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

Door alarm

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

The following values can be set:

- 1 minute
- 2 minutes
- 3 minutes
- Off

Setting the door alarm



Fig. 55

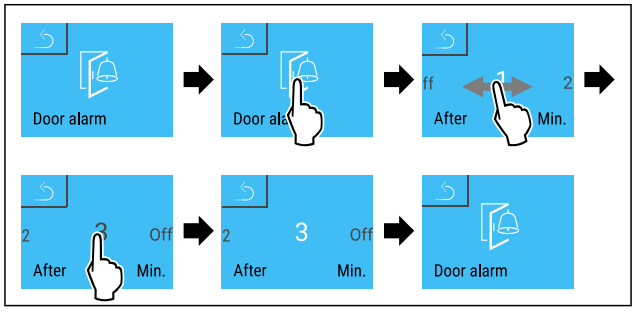


Fig. 56 Example illustration: Change door alarm from 1 minute to 3 minutes.

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

Deactivating the door alarm



Fig. 57

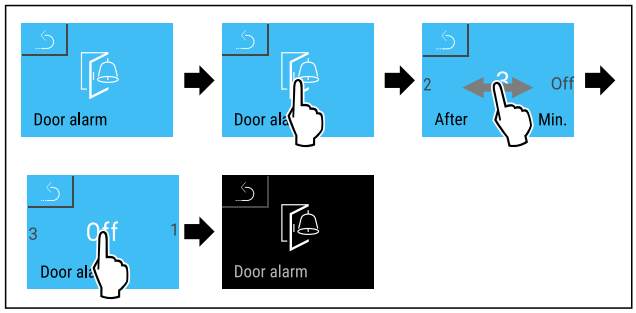


Fig. 58

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

Child lock

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

Application:

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

Activating the child lock

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



Fig. 59

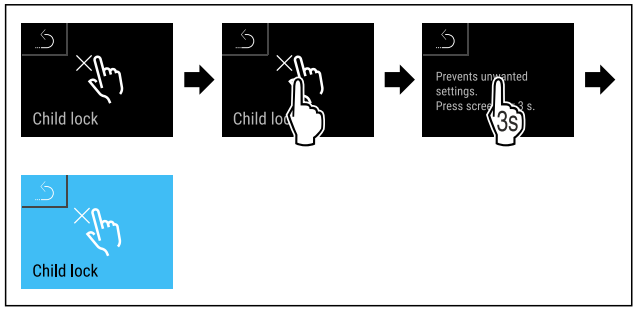


Fig. 60

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

Deactivating the child lock



Fig. 61

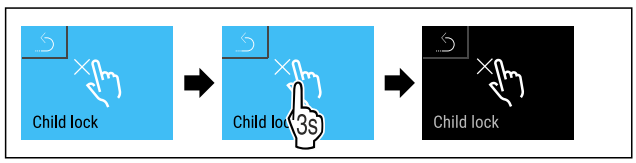


Fig. 62

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

Language

Use this function to set the display language.

You can select the following languages:

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

Setting the language



Fig. 63

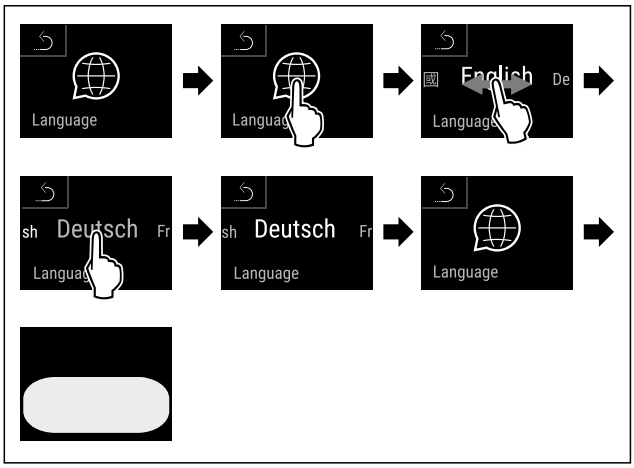


Fig. 64 Example illustration depending on the language and temperature

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

Appliance and software information

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

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

Indicating the device information



Fig. 65

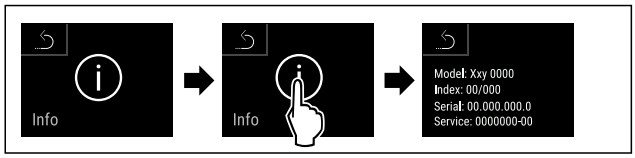


Fig. 66

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

Displaying software information



Fig. 67

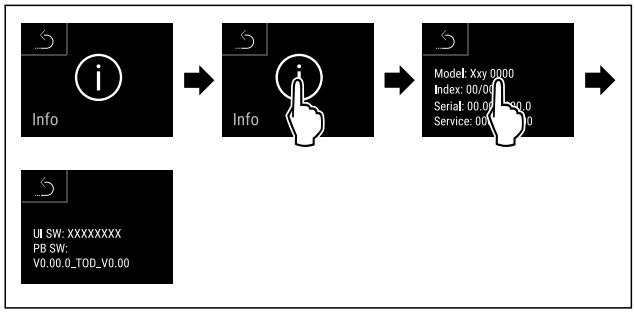


Fig. 68

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

Reminder

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

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

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

Activating the reminder



Fig. 69

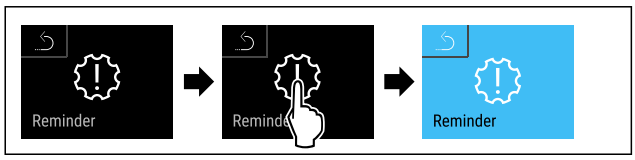


Fig. 70

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

Deactivating the reminder



Fig. 71

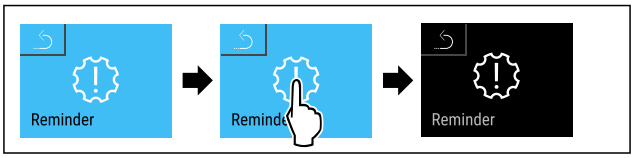


Fig. 72

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

Demo mode

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

If you switch on your appliance and a “D” appears on the status display, demo mode is already activated.

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

Activating demo mode



Fig. 73

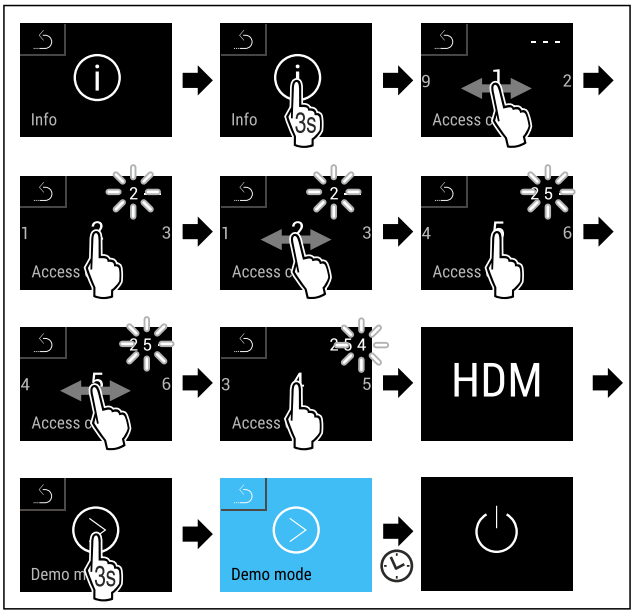


Fig. 74

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

Deactivating demo mode



Fig. 75

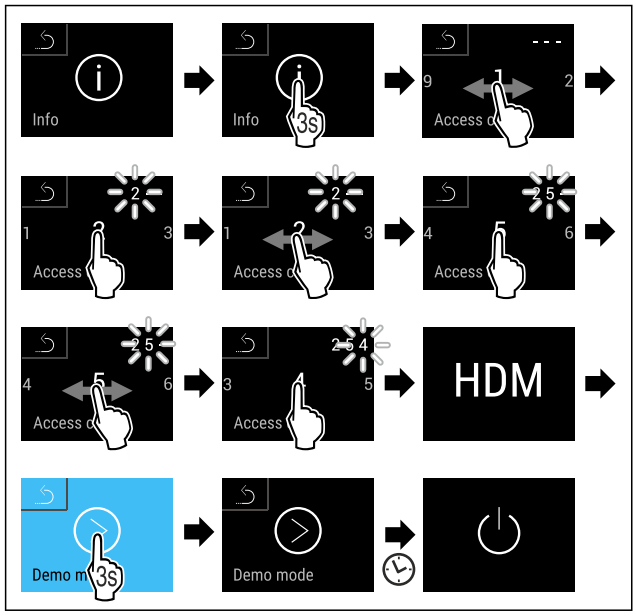


Fig. 76

▶ 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. 77

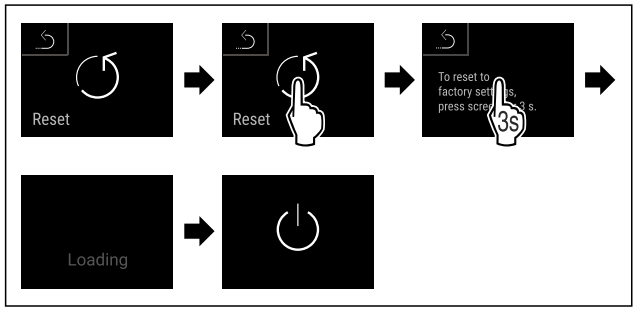


Fig. 78

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

7.3 Messages

There are two categories of messages:

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

7.3.1 Overview of warnings

Behaviour of the appliance in the event of warnings:

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

Message	Cause	Exit the message
 **Power outage alarm**	The message appears if the temperature has risen due to a power failure.	Carry out action steps.
 **Temperature alarm**	The message appears if the temperature in the appliance does not correspond to the set temperature.	Carry out action steps.
 **Error**	The message appears if there is an appliance error. A component of the appliance has a fault.	Carry out action steps. (see Error)
 **Defrosting cycle error**	The message appears if the appliance has tried to defrost five times in a row and problems have occurred.	Carry out action steps. (see Defrosting cycle error)

7.3.2 Ending warnings

Power outage alarm

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

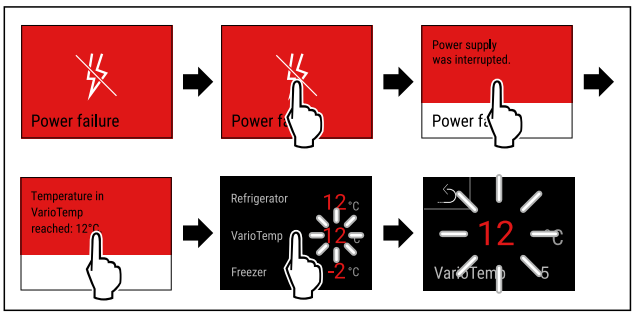


Fig. 79 Example illustration

▶ Briefly touch the display.
▷ Display shows information about the warning.
▶ Briefly touch the display.
▷ Warmest freezing temperature is displayed.
▷ If the freezing temperature was below -9 °C: Food can still be consumed.
If the freezing temperature has risen above -9 °C:
▶ Check the food.
▶ Briefly touch the display.
▷ The display returns to the status indicator: Current temperature and target temperature are displayed.

Temperature alarm

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

Temperature differences can be caused by:

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

▶ Eliminate causes.
▷ The appliance cools to the target temperature set previously.

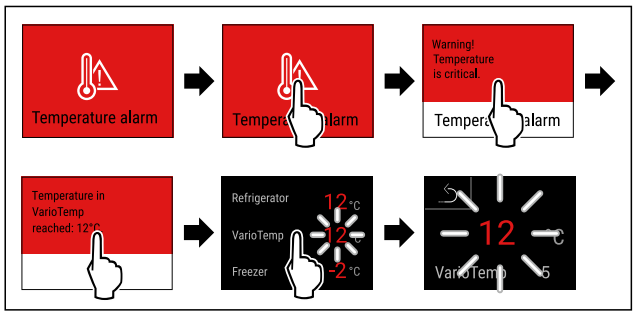


Fig. 80 Example illustration

▶ Briefly touch the display.
▷ Display shows information about the warning.
▶ Briefly touch the display.
▷ Warmest freezing temperature is displayed.
▷ If the freezing temperature was below -9 °C: Food can still be consumed.
If the freezing temperature has risen above -9 °C:
▶ Check the food.
▶ Briefly touch the display.
▷ The display returns to the status indicator: Current temperature and target temperature are displayed.

Error

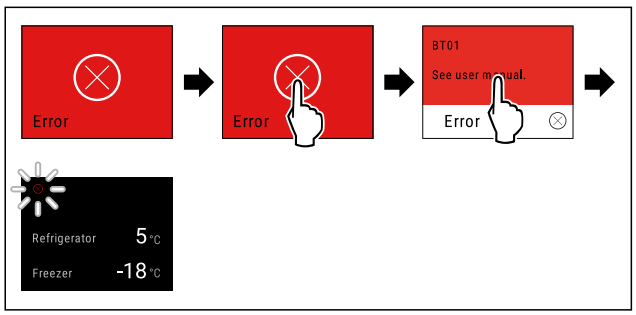


Fig. 81 Example illustration

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

Connection error

▶ Check the domestic network.
▶ Follow the steps in the SmartDevice-App.

Defrosting cycle error

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

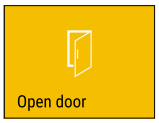
7.3.3 Overview of reminders

Behaviour of the appliance during reminders:

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

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

- Replace the FreshAir activated carbon filter

Message	Cause	Exit the message
 **Replace the FreshAir activated carbon filter**	The message appears when the FreshAir activated carbon filter needs to be replaced.	Carry out action steps. (see Replace the FreshAir activated carbon filter)
	The message appears if the door is open for too long.	Carry out action steps. (see Door alarm)

7.3.4 Ending reminders

Replace the FreshAir activated carbon filter

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

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

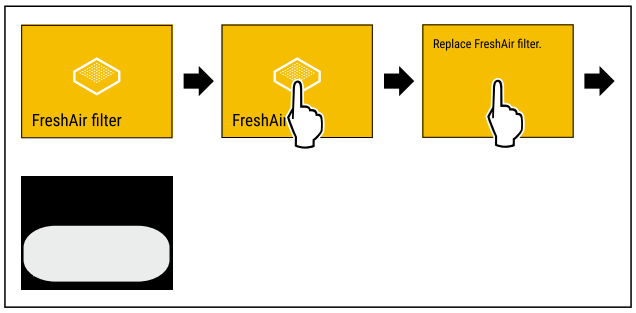


Fig. 82 Example illustration

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

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

Door alarm

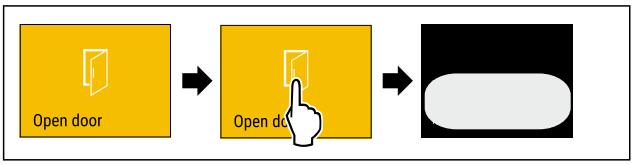


Fig. 83

▶ Carry out action steps according to the illustration.
-or-
▶ Close the door.

▷ The display returns to the status indicator.

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

8 Features

8.1 Door rack

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

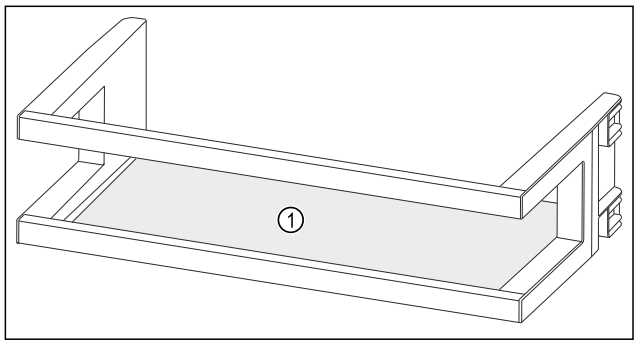


Fig. 84 Example illustration, Door rack
(1) Shelf

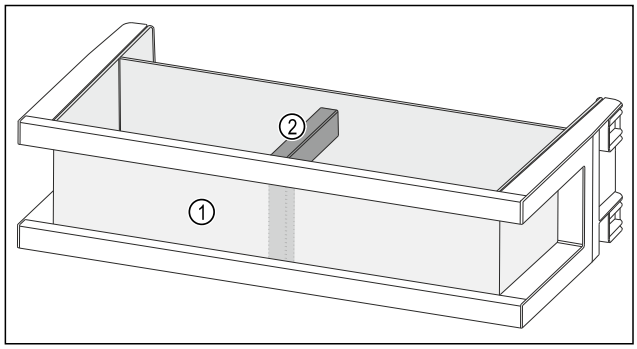


Fig. 85 Example illustration, Door rack with organiser and bottle holder
(1) Organiser **(2)** Bottle holder

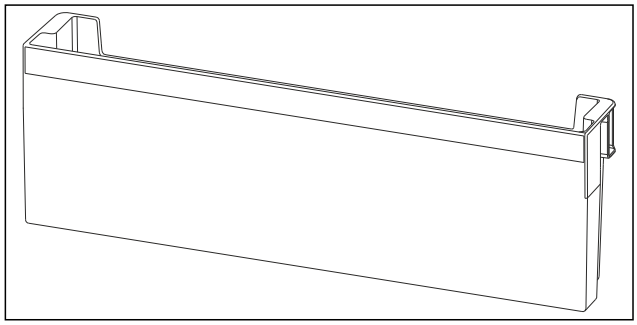


Fig. 86 Example illustration, Door rack

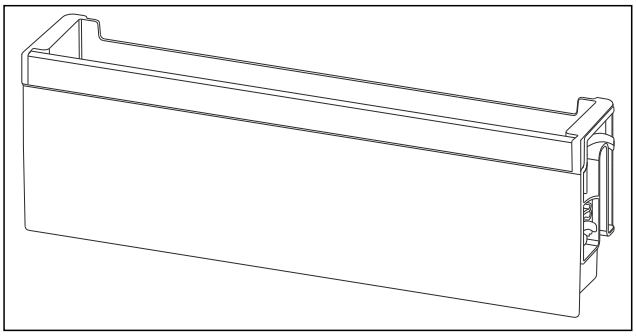


Fig. 87 Example illustration, fold-down door racks

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

Door rack	Food
Door rack (see Fig. 84)	Butter, cheese, tinned food, large containers
Door rack with organiser and bottle holder (see Fig. 85)	Bottles, tubes The sliding bottle holder secures the bottles in the door rack. The divider for small food items can be used in any door rack.
Door rack (see Fig. 86)	small food items and packages, tubes, cosmetics
Fold-down door rack (see Fig. 87)	small food items and packages, tubes, cosmetics

8.1.1 Removing the door rack

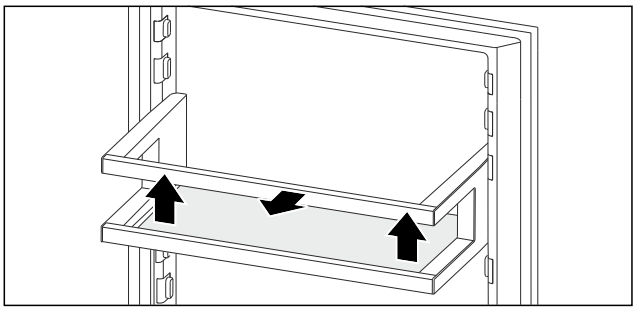


Fig. 88 Example illustration

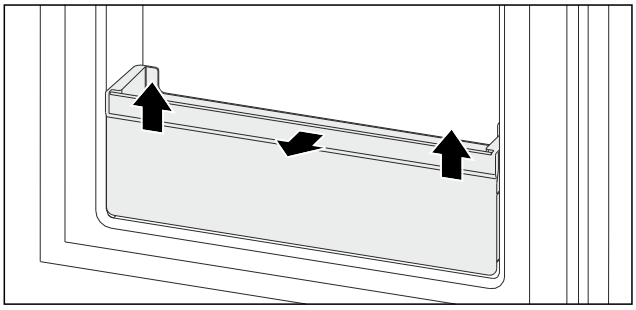


Fig. 89 Example illustration

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

8.1.2 Inserting the door rack

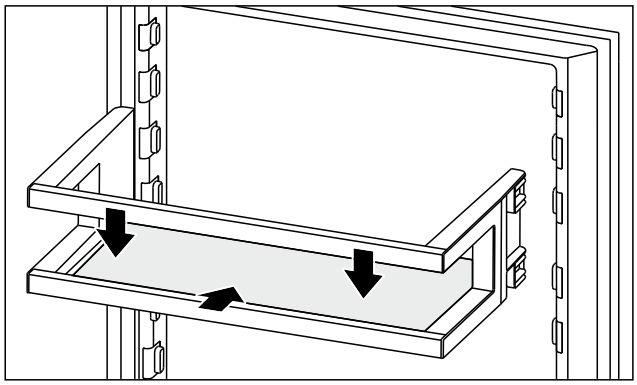


Fig. 90 Example illustration

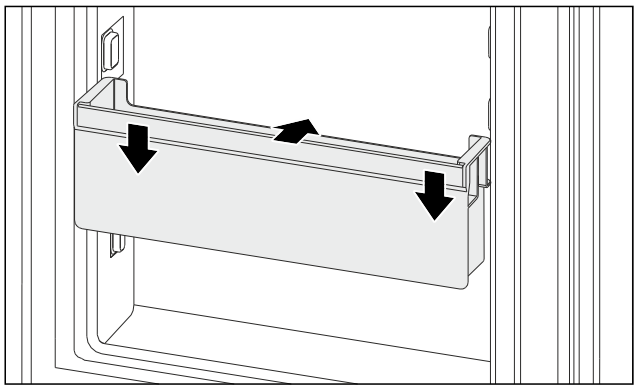


Fig. 91 Example illustration

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

8.1.3 Dismantling the door rack

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

Dismantling the door rack

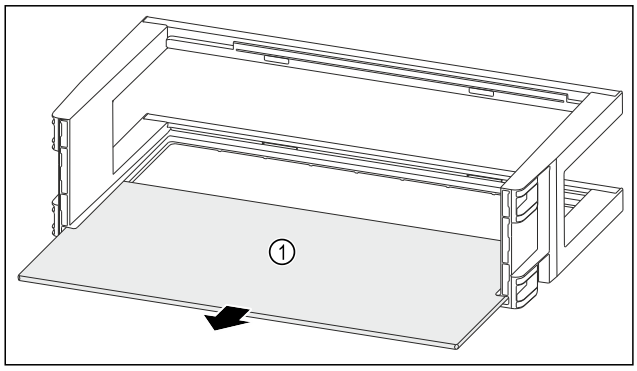


Fig. 92

- ▶ Remove the shelf *Fig. 92 (1)*.

Dismantling the door rack with organiser and bottle holder

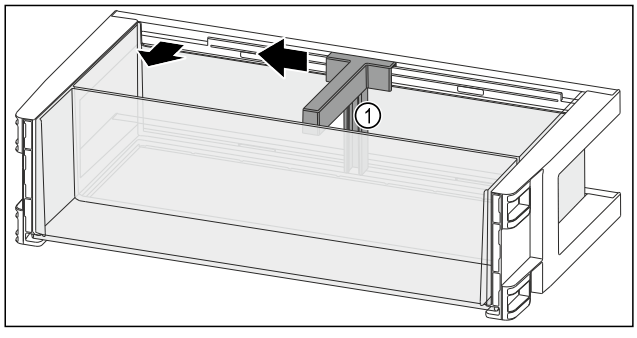


Fig. 93

- ▶ Slide the bottle holder *Fig. 93 (1)* to the side as far as the recess.
- ▶ Remove the bottle holder *Fig. 93 (1)*.

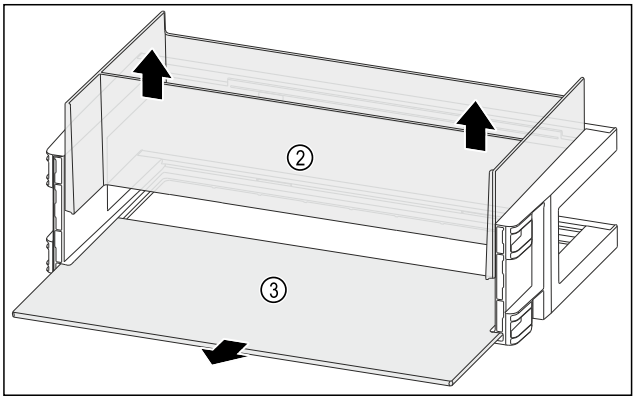


Fig. 94

- ▶ Remove the organiser *Fig. 94 (2)* upwards.
- ▶ Remove the shelf *Fig. 94 (3)*.

Dismantling the fold-down door rack

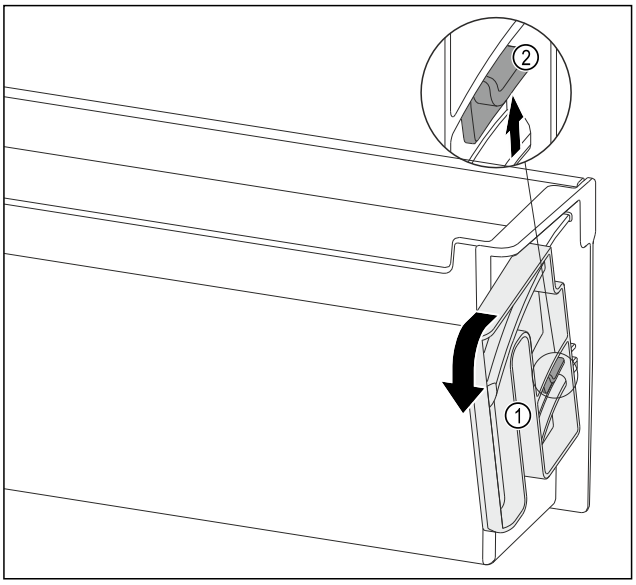


Fig. 95

- ▶ Turn the turning unit *Fig. 95 (1)* in the specified direction to the end stop.
- ▶ Press the tab *Fig. 95 (2)* up and remove the turning unit *Fig. 95 (1)*.

8.1.4 Assembling the door rack

Assembling the door rack

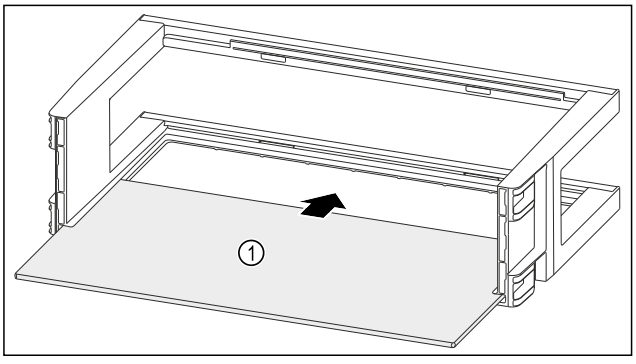


Fig. 96

- ▶ Push the shelf *Fig. 96 (1)* into the side recesses.

Assembling the door rack with organiser and bottle holder

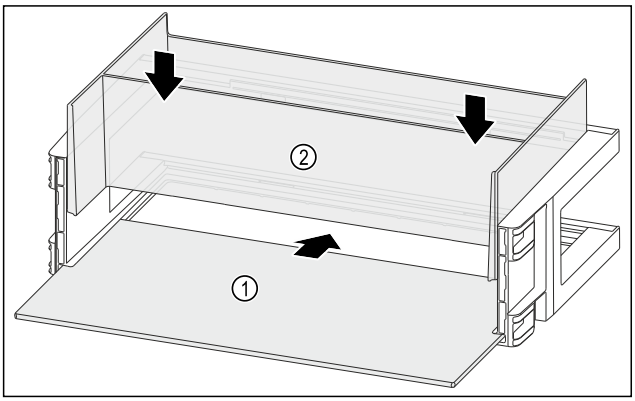


Fig. 97

▶ Push the shelf *Fig. 97 (1)* into the side recesses.
▶ Insert the organiser *Fig. 97 (2)*.

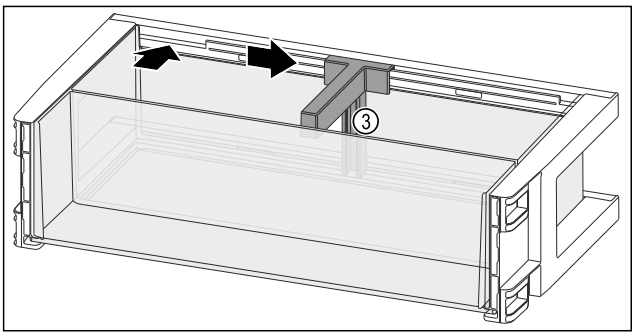


Fig. 98

▶ Insert the bottle holder *Fig. 98 (3)* in the recess.
▶ Push the bottle holder *Fig. 98 (3)* to the desired position to the side.

Assembling the fold-down door rack

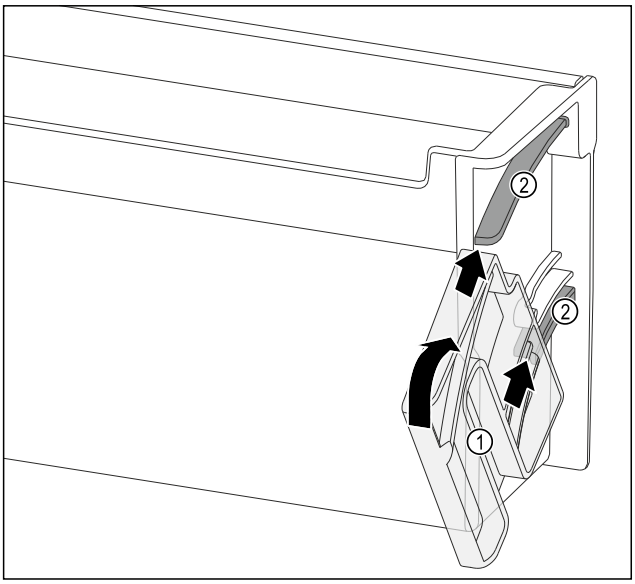


Fig. 99

▶ Position the turning unit *Fig. 99 (1)* so that the recesses are exactly opposite the guide channels *Fig. 99 (2)* of the door rack.
▶ Turn the turning unit *Fig. 99 (1)* towards the specified direction.

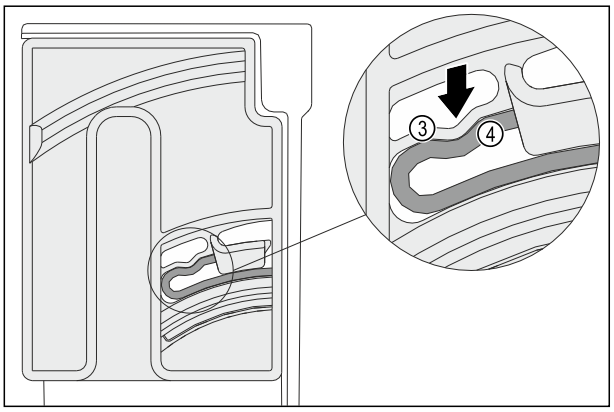


Fig. 100

▷ The elastic element *Fig. 100 (3)* of the turning unit audibly engages in the round shape of the rib *Fig. 100 (4)*.

8.2 Drawers

You can remove the drawers for cleaning.

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

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

8.2.1 Drawer on appliance base or glass shelf

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

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

Removing drawer

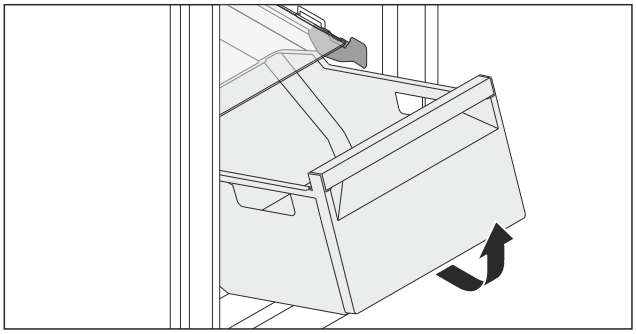


Fig. 101

▶ Remove drawer as shown in the illustration.

Inserting drawer

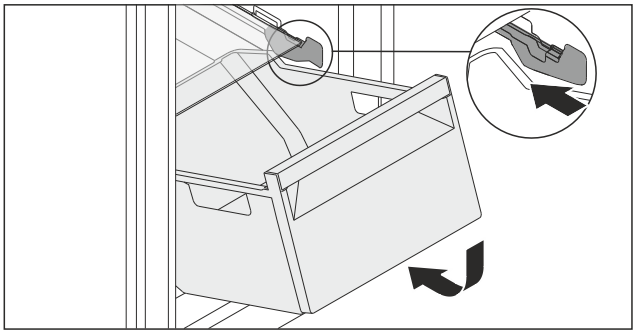


Fig. 102

▶ Insert drawer as shown in the illustration.

8.2.2 Drawer on telescopic rails

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

Fridge section partial pull-out

Removing the drawer

Ensure that the following requirements are met:

❑ Door is open more than 90°.

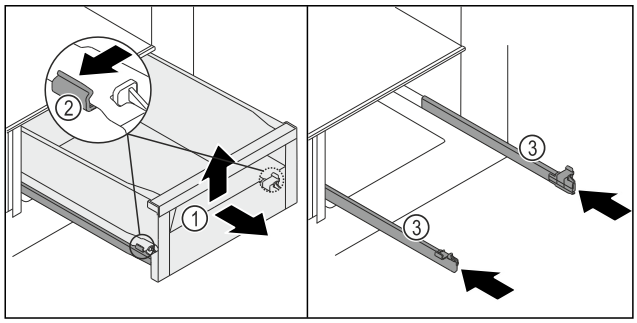


Fig. 103

▶ Pull the drawer *Fig. 103 (1)* out as far as it will go.
▶ Press the left and right clamps *Fig. 103 (2)* on the rails slightly outwards at the same time.
▷ Drawer *Fig. 103 (1)* detaches from the rails.
▶ Lift up the drawer *Fig. 103 (1)* forwards.
▶ Remove the drawer *Fig. 103 (1)* forwards.
▶ Push in the rails *Fig. 103 (3)*.

Inserting the drawer

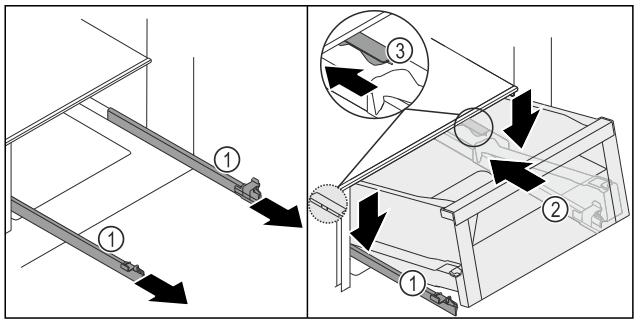


Fig. 104

▶ Hold the rails *Fig. 104 (1)* firmly and place the drawer *Fig. 104 (2)* on the rails *Fig. 104 (1)* from above behind the stopper *Fig. 104 (3)*.
▶ Slide the drawer *Fig. 104 (2)* backwards on the rails *Fig. 104 (1)* as far as it will go.

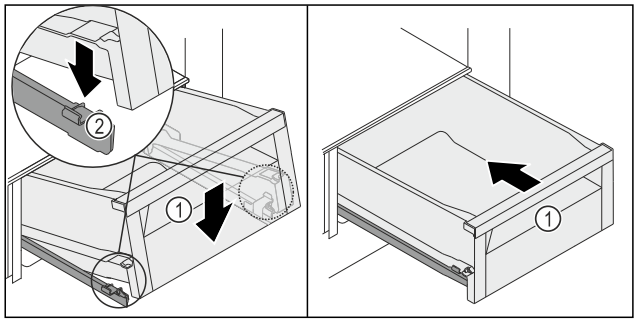


Fig. 105

▶ Lower the drawer *Fig. 104 (2)* at the front so that the drawer slides into the clamp *Fig. 105 (2)* on the left and right.
▷ The drawer *Fig. 105 (1)* locks in audibly.
▶ Push in the drawer *Fig. 105 (1)*.

8.3 Compartment lid for EasyFresh Safe

The compartment lid ensures constant levels of humidity.

The compartment lid is directly on the drawer and can be covered by shelves or additional drawers.

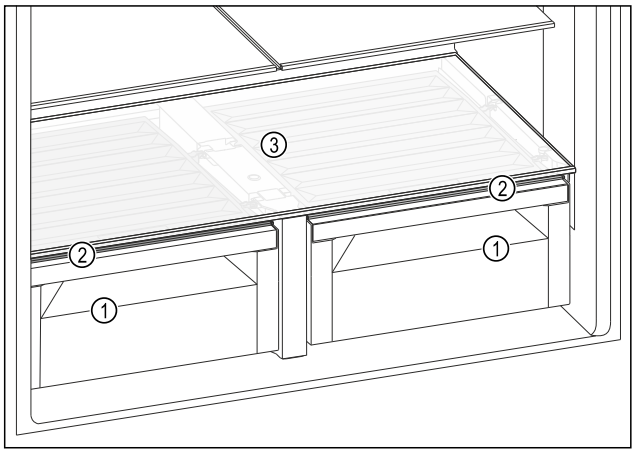


Fig. 106 Example illustration, compartment lid for EasyFresh Safe

(1) EasyFresh Safe
(2) Compartment lid for EasyFresh Safe
(3) Shelf

8.3.1 Reducing the air humidity in the drawer

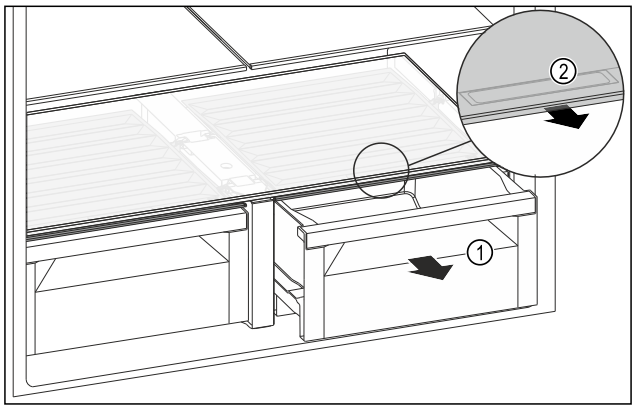


Fig. 107

▶ Pull out the drawer *Fig. 107 (1)*.
▶ Grasp the recessed grip *Fig. 107 (2)* on the compartment lid and pull the compartment lid forwards at the same time.
▶ Carry out the same action steps for the second compartment lid.
▷ When the drawer is closed, there is a small gap between the compartment lid and the drawer.

8.3.2 Increasing the air humidity in the drawer

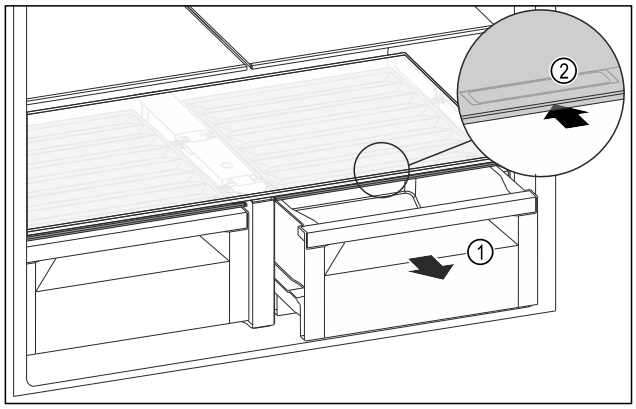


Fig. 108

▶ Pull out the drawer *Fig. 108 (1)*.
▶ Grasp the recessed grip *Fig. 108 (2)* on the compartment lid and push the compartment lid backwards at the same time.
▶ Carry out the same action steps for the second compartment lid.
▷ When the drawer is closed, the compartment lid seals with the drawer.

8.4 Glass shelves

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

8.4.1 Removing / inserting the glass shelf

Make sure that the following requirements are fulfilled:

❑ Glass shelf under the drawer: The drawer has been removed. (see 8.2 Drawers)

Removing glass shelf

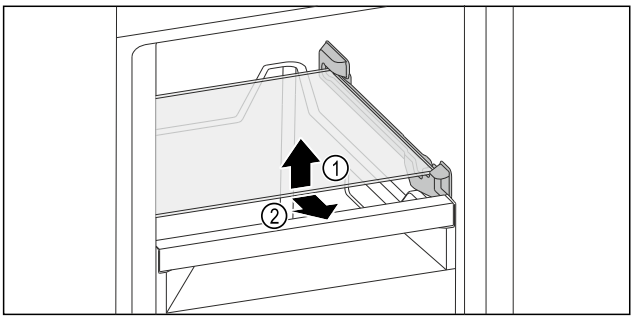


Fig. 109 Example illustration, glass shelf

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

Inserting glass shelf

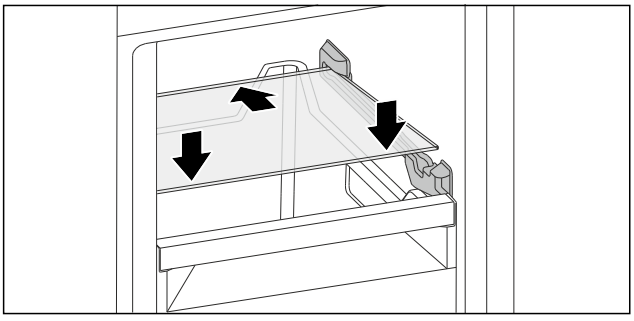


Fig. 110 Example illustration, glass shelf

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

8.5 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.

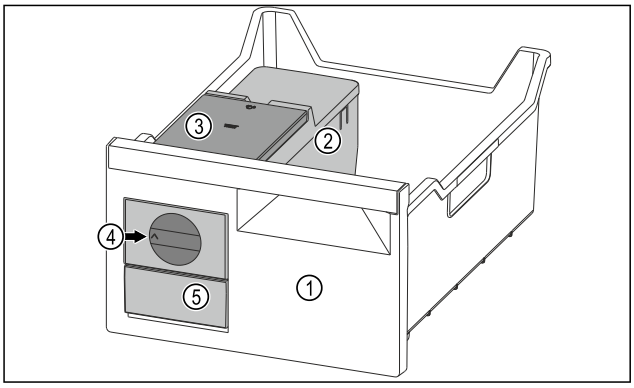


Fig. 111 Example illustration

(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.

8.5.1 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.

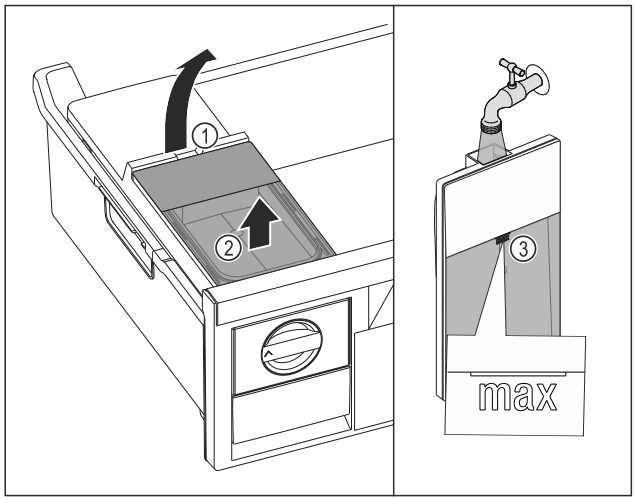


Fig. 112

- ▶ Pull out freezer drawer as far as it will go.
- ▶ Lift the water tank at the recess *Fig. 112 (1)*.
- ▶ Remove the water tank by lifting it upwards. *Fig. 112 (2)*
- ▶ Fill the water tank with drinking water up to the mark *Fig. 112 (3)*.

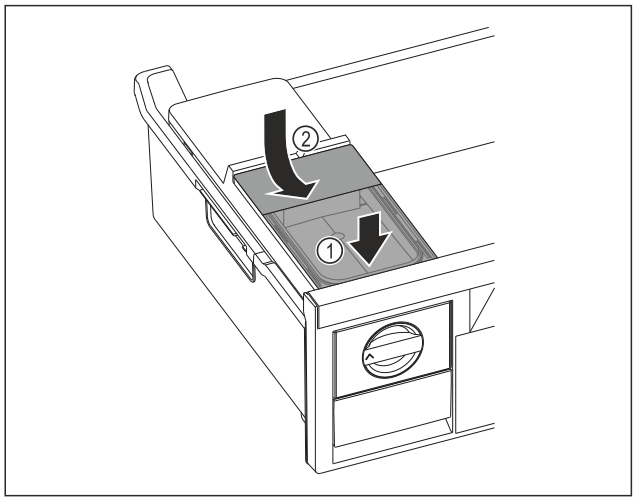


Fig. 113

- ▶ Position the water tank at the front. *Fig. 113 (1)*
- ▶ Lower the water tank at the rear. *Fig. 113 (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. 111 (4)* clockwise as far as it will go.
- ▷ Ice cubes fall from the ice cube tray into the ice cube drawer *Fig. 111 (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.

8.6 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.

8.6.1 Using the egg rack

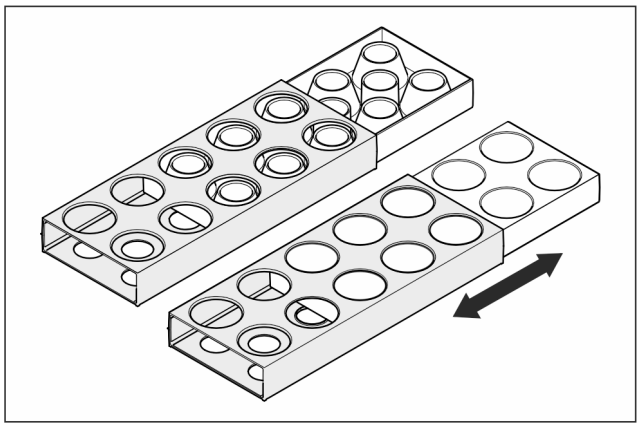


Fig. 114

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

8.7 Bottle holder

8.7.1 Using the bottle holder

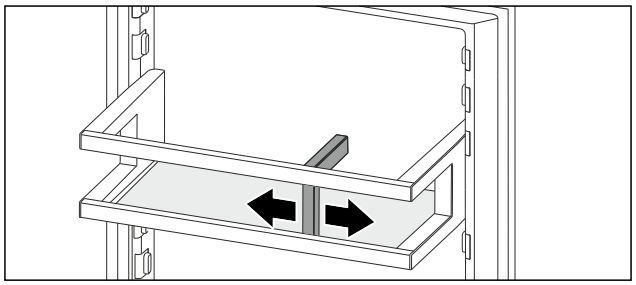


Fig. 115

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

8.8 FlexCube

The FlexCube has different sized openings, so you can store small items such as tubes, open yoghurt pots or quail eggs in it. The FlexCube fits into all Liebherr door racks, for example. If necessary, you can also set up several FlexCubes next to each other.

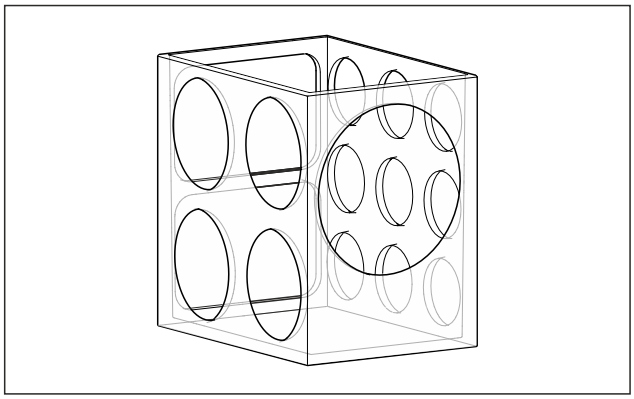


Fig. 116 Example illustration

Note

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

8.8.1 Using the FlexCube

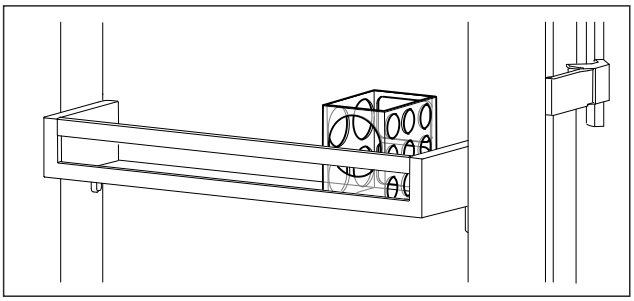


Fig. 117 Example illustration

▶ Insert the FlexCube in the door rack.

-or-

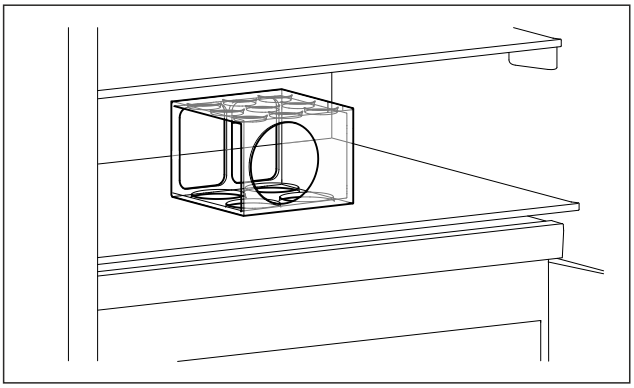


Fig. 118 Example illustration

▶ Place FlexCube on shelf.

▶ Sort small parts into the FlexCube for storage.

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

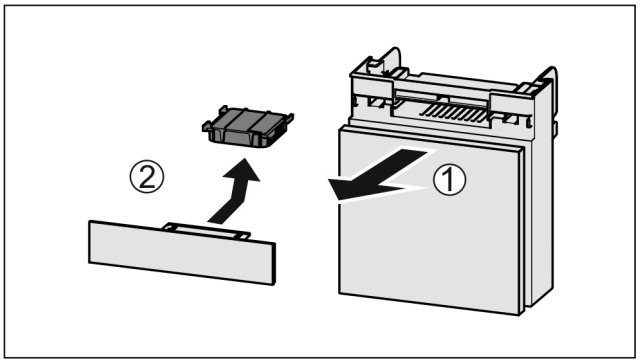


Fig. 119

▶ Pull out the compartment *Fig. 119 (1)*.

▶ Remove the carbon filter *Fig. 119 (2)*.

9.1.2 Inserting the FreshAir carbon filter

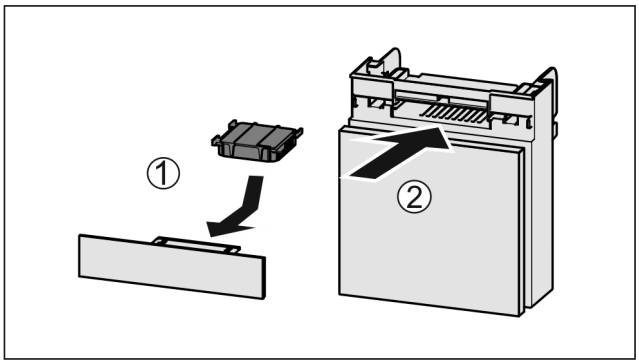


Fig. 120

▶ Insert the carbon filter as shown in the diagram *Fig. 120 (1)*.

▷ The carbon filter clicks into place.
If the carbon filter is pointing downwards:

▶ Push the compartment in *Fig. 120 (2)*.

▷ The carbon filter is now ready for use.

9.2 Disassembling / assembling pull-out systems

9.2.1 Notes on disassembly

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

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

Pull-out system	can be disassembled / cannot be disassembled
Drawer on appliance base or glass shelf	cannot be disassembled
Fridge section partial pull-out	cannot be disassembled

9.3 Compartment lid for EasyFresh Safe

You can remove one or both compartment lids for cleaning.

9.3.1 Removing the compartment lid

Ensure that the following requirements are met:

❑ The shelf directly above the drawer has been removed.

❑ The drawer directly below the compartment lid has been removed. (see 8.2 Drawers)

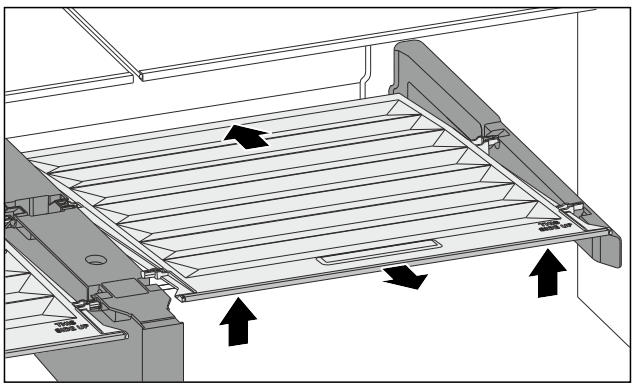


Fig. 121

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

9.3.2 Inserting the compartment lid

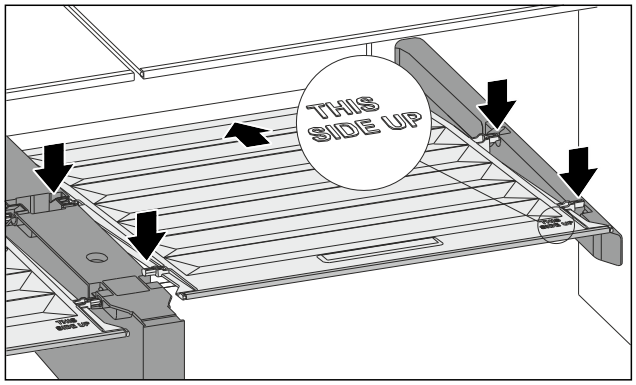


Fig. 122

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

9.4 Defrosting the appliance

9.4.1 Defrosting the fridge compartment

Defrosting is performed automatically. The water from the thawing process drains through the outlet and evaporates.
▶ Clean the drain opening at regular intervals. (see 9.5 Cleaning the appliance)

9.4.2 Defrosting the freezer compartment with NoFrost

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

The appliance does not have to be defrosted.

9.5 Cleaning the appliance

9.5.1 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)

9.5.2 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.

9.5.3 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).

9.5.4 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:

- Shelf
- VarioSafe
- Compartment lid for EasyFresh Safe
- Drawer
- 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
- Holder of the dividing shelf
- Egg rack
- FlexCube

▶ To disassemble components: see the relevant section.

▶ Clean the components.

9.5.5 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 8.2 Drawers)
❑ The drawer is placed on a table.

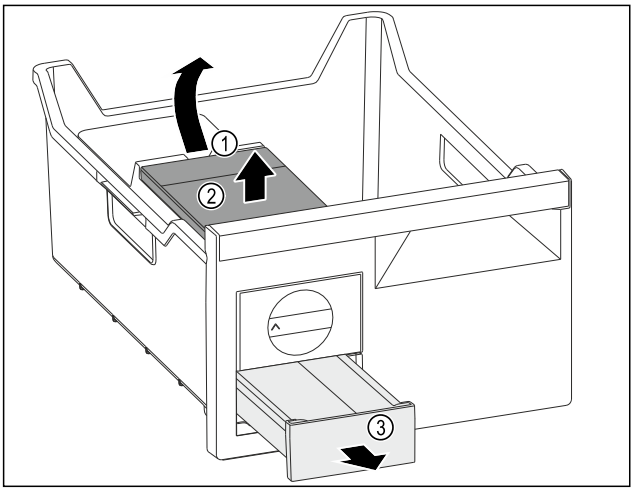


Fig. 123

▶ Removing the water tank: Lift the water tank by the recess *Fig. 123 (1)*.
▶ Remove the water tank *Fig. 123 (2)* upwards.
▶ Remove the ice cube drawer *Fig. 123 (3)* to the front.

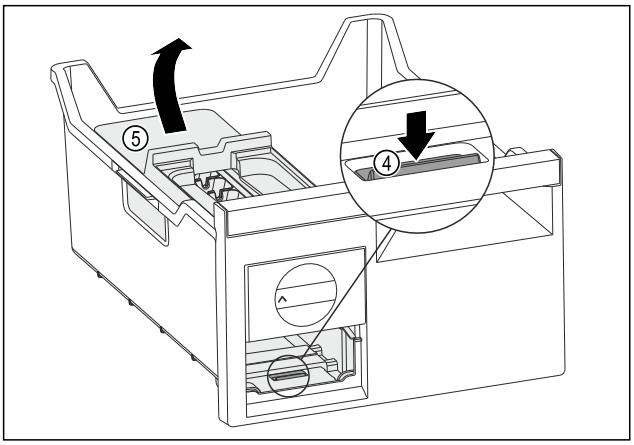


Fig. 124

▶ Removing the EasyTwist-Ice body: Use your finger to push the tab *Fig. 124 (4)* down and use your other hand to lift the EasyTwist-Ice body *Fig. 124 (5)* from behind at the same time.
▶ Remove the EasyTwist-Ice body from the freezer drawer.

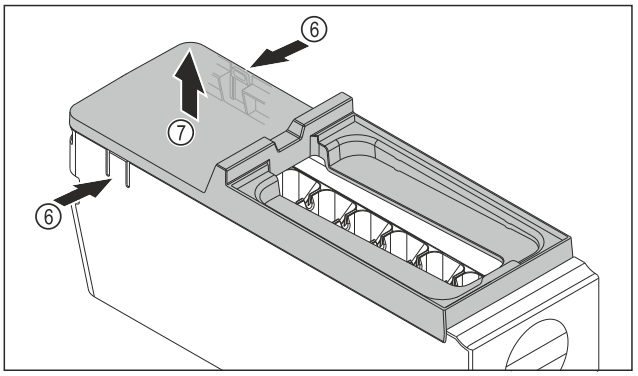


Fig. 125

▶ Removing the EasyTwist-Ice body cover: Push the tabs *Fig. 125 (6)* on both sides of the EasyTwist-Ice body with one hand.
▶ Use the other hand to remove the cover *Fig. 125 (7)* upwards.
▷ EasyTwist-Ice is dismantled into four parts. (see Fig. 126)

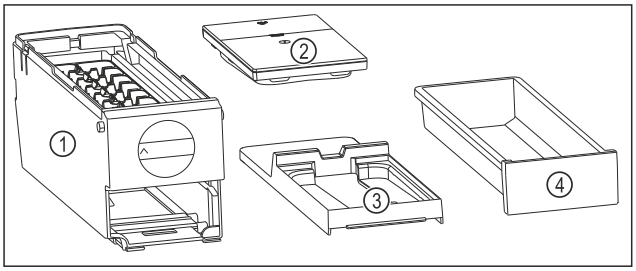


Fig. 126 Components of the EasyTwist-Ice

(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. 126)
▶ Clean the EasyTwist-Ice body *Fig. 126 (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

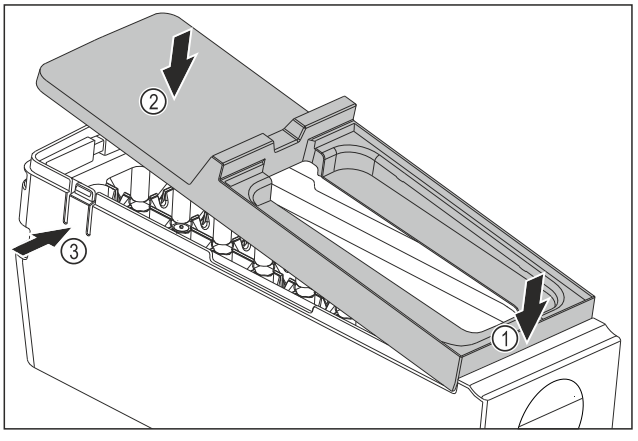


Fig. 127

▶ Installing the EasyTwist-Ice body cover: Place the cover on the front. *Fig. 127 (1)*
▶ Lower the cover at the rear. *Fig. 127 (2)*
▷ The cover locks into both tabs *Fig. 127 (3)* audibly.

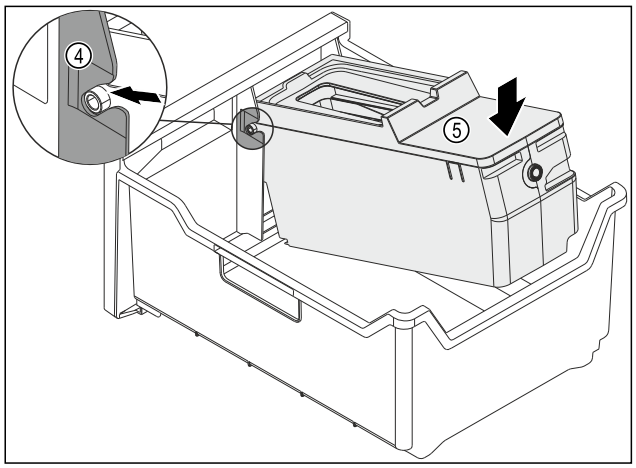


Fig. 128

▶ Installing the EasyTwist-Ice body: Push the axes for the EasyTwist-Ice body into the guides *Fig. 128 (4)*.
▶ Press the EasyTwist-Ice body *Fig. 128 (5)* down at the back.
▷ The EasyTwist-Ice body locks in audibly.

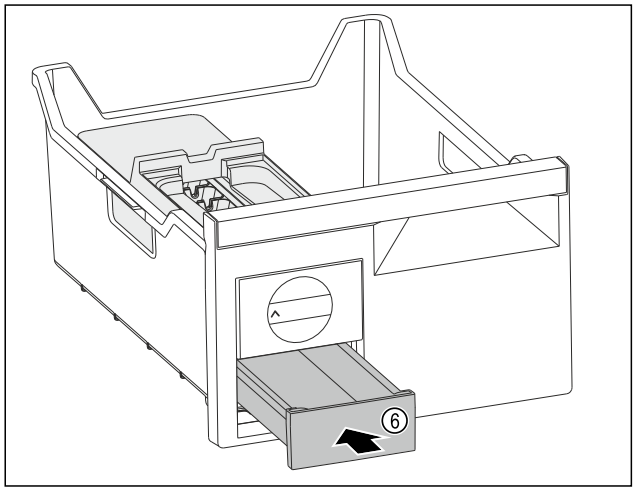


Fig. 129

▶ Insert the ice cube drawer *Fig. 129 (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 8.2 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.

9.5.6 After cleaning

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

10 Customer help

10.1 Technical specifications

Temperature range	
Cooling	2 °C to 9 °C
Freeze	-24 °C to -15 °C
VarioTemp-Zone	-18 °C to +5 °C

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

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

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

10.2 Operating noises

The appliance makes different noises when it is on.

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

Examples:

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

Noise	Possible cause	Type of noise
Bubbling and splashing	Coolant flowing into the cooling circuit.	Normal operating noise
Hissing	Coolant sprays into the cooling circuit.	Normal operating noise
Humming	The appliance is cooling. The volume depends on the cooling output.	Normal operating noise
Humming and rustling	The fan is running.	Normal operating noise
Clicking	Components are switched on and off.	Normal switching noise

Noise	Possible cause	Type of noise
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. ▶ Safeguarding food: Place cold packs on top of food or use another freezer if the power cut lasts longer. ▶ Do not re-freeze defrosted food,
	→ The IEC socket is not plugged into the appliance correctly.	▶ Check the IEC socket.
Temperature is not cold enough.	→ The appliance door is not closed properly.	▶ Close the appliance door.
	→ The ambient temperature is too high.	▶ Problem solution: (see 2.5 Appliance range of use)
	→ The appliance was opened too many times or for too long.	▶ Wait to see if the required temperature corrects itself. If not, contact Customer Service. (see 10.4 Customer Service)
	→ Too much fresh food was placed inside without SuperFrost.	▶ Solution: (see SuperFrost)
	→ The appliance is too close to a heat source (oven, radiator, etc).	▶ Move the appliance or the heat source.
The temperature shown on the display is higher than the actual temperature in the appliance.	→ Appliance door was open for a long time and the door alarm was triggered automatically. This causes the appliance to cool more vigorously.	▶ Close appliance door.
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 closing damper is defective or requires replacement for another reason.*	→ The closing damper is replaceable. It can be changed without the need for any additional tools.	▶ Contact Customer Service. (see 10.4 Customer Service)

Defect	Cause	Remedy
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 exterior surfaces of the appliance are warm.*	→ The heat of the refrigeration circuit is used to avoid condensation.	▶ This is normal.

10.3.2 Features

Defect	Cause	Remedy
The internal light does not come on.	→ The appliance is not switched on.	▶ Switch the appliance on.
	→ The door was open for longer than 15 minutes.	▶ Interior lighting switches off automatically after about 15 minutes when the door is open.
	→ The LED interior light is faulty or the lid is damaged.	▶ Contact Customer Service. (see 10.4 Customer Service)

10.4 Customer Service

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

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

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

10.4.1 Contacting Customer Service

Make sure that the following appliance information is available:

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

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

10.5 Model plate

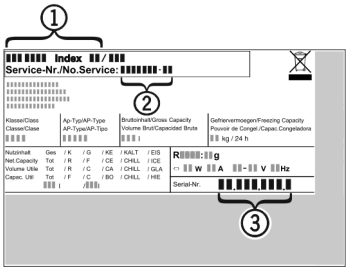


Fig. 130

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

- ▶ Note the data on the model plate.

11 Shutting down

- ▶ Empty the appliance.
- ▶ Switch off appliance. (see Switching the appliance off and on)
- ▶ Pull the mains plug out of the socket.
- ▶ Remove the IEC socket if required: Pull the IEC socket out of the appliance plug and move it to the left and right at the same time.
- ▶ Clean appliance. (see 9.5 Cleaning the appliance)
- ▶ Leave the door open, so that no unpleasant odours arise.

12 Disposal

12.1 Preparing appliance for disposal

Li-Ion

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

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

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

12.2 Disposing of the appliance in an environmentally friendly manner



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





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.

WARNING
Leaking coolant and oil!
Fire. The coolant contained in the appliance is eco-friendly, but also flammable. The oil contained in the appliance is flammable. Escaping coolant and oil can ignite if the concentration is high enough and in contact with an external heat source.
▶ Do not damage the pipelines of the coolant circuit and the compressor.

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



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EN fridge/freezer

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