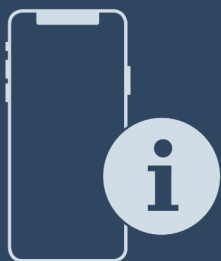


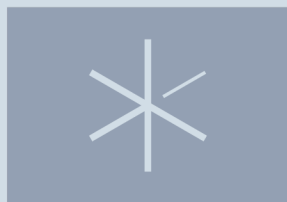
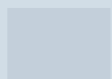


User Guide

Quality, Design and Innovation



home.liebherr.com/fridge-manuals



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The manufacturer is constantly working to improve all types and models. Therefore, 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.

1.2 Appliance and equipment overview

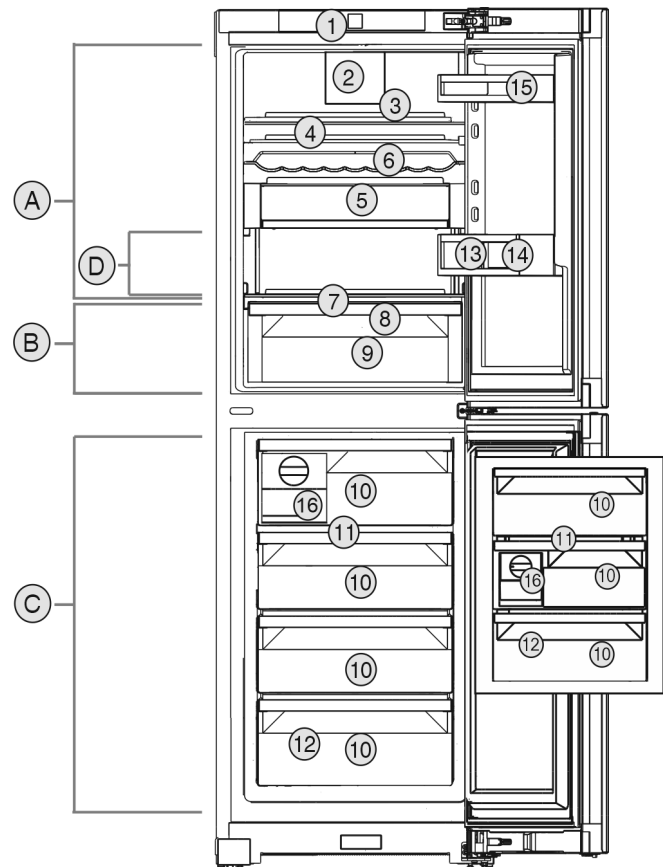


Fig. 1 Illustration example

Temperature range	
(A) Fridge compartment	(C) Freezing compartment
(B) EasyFresh	(D) Coldest zone
Features	
(1) Control elements	(9) EasyFresh safe
(2) Fan with FreshAir activated charcoal filter	(10) Freezer drawer
(3) Split shelf*	(11) VarioSpace
(4) Shelf	(12) Serial tag
(5) VarioSafe*	(13) Bottle rack
(6) Bottle shelf*	(14) Bottle holder
(7) Lid for EasyFresh safe	(15) Can rack
(8) Drain hole	(16) EasyTwist-Ice*

Note

► The shelves, drawers, and baskets are arranged for optimal energy efficiency in the factory configuration. However, changes to the arrangement within the given insertion options – for example the arrangement of shelves in the fridge compartment – have no effect on energy consumption.

1.3 SmartDevice

SmartDevice is the networking solution for your fridge-freezer.

If your appliance is 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 app.

Symbol	Explanation
	Full instructions on the internet You can find detailed instructions on the internet using the QR code on the front of these instruction or by entering the service number at home.liebherr.com/fridge-manuals . The service number can be found on the serial tag: <i>Fig. Example illustration</i>
	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 there may be differences. Sections that apply to certain models only are indicated by 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 channel of Liebherr-Hausgeräte.

These operating instructions apply to:

CN...	50.. / 52.. / 57.. / 76.. / 77..
KGN...	52Z03 / 57Z03
KGN...	52Vc03 / 52Vd03 / 57Vc03 / 57Vd03

Note

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

1 The appliance at a glance

1.1 Delivered contents

Check all parts for transport damage. If you have any complaints, please contact the retailer or customer service. (see 10.4 Customer Service)

Delivery contains the following parts:

- Standalone appliance
- Equipment (depending on your model)
- Installation parts (depending on your model)
- "Quick Start Guide"
- "Installation Guide"
- Service brochure

General safety instructions

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

Purchase 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 the WiFi using the SmartDevice app and the WiFi appliance function (see WiFi).

Note

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

You cannot use the SmartDeviceBox.

1.4 Range of appliance use

Normal use

The appliance is only suitable for cooling food for residential or other similar environments. This includes the following types of uses

- in staff kitchens, bed and breakfasts,
- by guests in country homes, hotels, motels and other types of accommodations,
- for catering and similar wholesale services.

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

All other types of uses are not permitted.

Foreseeable misuse

The following uses are specifically prohibited:

- Storage and cooling of medication, blood plasma, laboratory preparations or similar substances and products in accordance with the Medical Device Directive 2007/47/EC
- Use in areas at risk of explosion

Incorrect appliance use can cause damage to the stored products or cause them to spoil.

Climate ratings

The appliance is set to operate within specific ambient temperature limits according to its climate rating. The climate rating for your appliance is printed on the rating plate

Note

► To guarantee trouble-free operation, comply with the indicated ambient temperatures.

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

1.5 Conformity

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

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

1.6 SVHC substances according to REACH regulation

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

1.7 EPREL Database

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

2 General safety instructions

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

If you pass the appliance on, please hand these operating instructions to the new owner.

Read these operating instructions before use in order to use the appliance safely and correctly. 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.

Dangers for the user:

- This appliance can be operated by children as well as by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they are supervised or have been instructed in the safe use of the appliance and understand the associated risks. Children must not play with the appliance. Cleaning and user maintenance must not be performed by children unless they are supervised. Children between the ages of 3 and 8 may load and unload the appliance. Children under the age of 3 must be kept away from the appliance if they are not constantly supervised.
- 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 outlet, always take hold of the plug. Do not pull on the cable.
- Disconnect the power plug or switch off the power if a fault occurs.
- Do not damage the mains power line. Do not operate the appliance from a defective mains power line.
- Repairs and work on the appliance may only be carried out by after sales service or other specifically trained qualified personnel.
- The appliance should only be assembled, connected and disposed of in accordance with the instructions.

Risk of fire:

- The refrigerant contained within the appliance (specifications on the rating plate) is environmentally friendly, but flammable. Leaking refrigerant can ignite.
 - Do not damage the pipes of the refrigerant circuit.
 - Do not handle ignition sources inside the appliance.
 - Do not use electrical devices inside the appliance (e.g. steam cleaners, heaters, ice cream makers, etc.).
 - If refrigerant leaks: Remove naked flames or ignition sources located near the area of the leak. Air the room well. Contact the customer service department.
- Do not store explosive materials or spray cans with flammable propellants, such as e.g. butane, propane, pentane, etc. in the appliance. You can recognize such spray

cans by the printed contents or a flame symbol. Any leaking gasses can be ignited by electrical components.

- Keep lit candles, lamps and other objects with naked flames away from the appliance so they do not cause a fire.
- Alcoholic beverages or other containers holding alcohol must always be tightly sealed for storage purposes. Any leaking alcohol can be ignited by electrical components

Tipover hazard:

- Do not stand or climb on the base, drawers, doors, etc. This applies in particular to children.

Risk of food poisoning:

- Do not consume food that has passed its best before date.

Danger of frostbite, feelings of numbness and pain:

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

Risk of injury and damage:

- Hot steam may lead to injuries. Do not use any electrical heating or steam cleaning equipment, naked flames or defrosting sprays for defrosting
- Do not remove ice with sharp objects

Risk of crushing:

- Do not reach into the hinge when opening and closing the door. Fingers may get trapped.

Symbols on the device:



The symbol can be on the compressor. It refers to the oil in the compressor and refers to the following danger: Can be lethal if swallowed or inhaled. This notice only applies for recycling. There is no danger during normal operation.



The symbol is located on the compressor and indicates the danger of inflammable materials. Do not remove the label.



This label or a similar one may be located on the rear of the appliance. This label indicates that there are vacuum insulation panels (VIP) or perlite panels in the door and/or housing. This notice only applies for recycling. Do not remove the label.

Observe the warning messages and other detailed information in the other sections:

Functionality of the Touch display

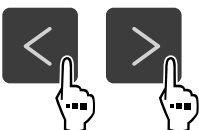
	DANGER	indicates a hazardous situation, which if not avoided, will result in death or serious injury.
	WARNING	indicates a hazardous situation, which if not avoided, could result in death or serious injury.
	CAUTION	indicates a hazardous situation, which if not avoided, will result in minor or moderate injury.
	NOTICE	indicates a hazardous situation, which if not avoided, could result in damage to property.
	Note	indicates useful advice and tips.

3 Functionality of the Touch display

You operate your appliance using the Touch display. You select appliance functions in the Touch 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
	Press the Next navigation arrow: Navigates to the next option in the menu.
	Press the Back navigation arrow: Jumps back one option in the menu.
	Press the navigation arrow several times in succession: Navigates in the menu to the desired function.
	Press the Confirm symbol: Activates/deactivates function. Opens submenu.
	Press the Confirm symbol together with the back icon: Jumps back one menu level.

Symbol	Description
	Arrow with clock: It takes more than 10 seconds for the following message to appear in the display.
	Arrow with a time indication: It takes the specified amount of time until the following message appears in the display.
	“Open Settings menu” symbol: Navigates to the Settings menu and opens the settings menu. If necessary: Navigate to the desired function in the Settings menu. (see 3.2.1 Opening the Settings menu)
	“Open Advanced menu” symbol: Navigates to the Advanced menu and opens the advanced menu. If necessary: Navigate to the desired function in the Advanced menu. (see 3.2.2 Opening the Advanced 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.
Opening door and closing 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 can be found in 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. (see 3.2.1 Opening the Settings menu)

Menu	Description
Advanced menu	The advanced menu contains special appliance functions for setting up your appliance. Access to the Advanced menu is protected by the numerical code 151 . (see 3.2.2 Opening the Advanced menu)

3.2.1 Opening the Settings menu

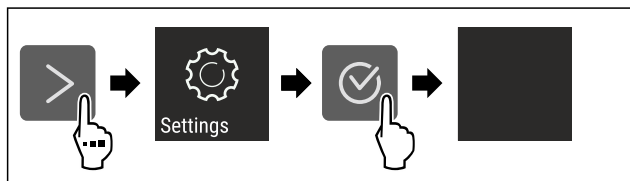


Fig. 2 Example illustration

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

3.2.2 Opening the Advanced menu



Fig. 3

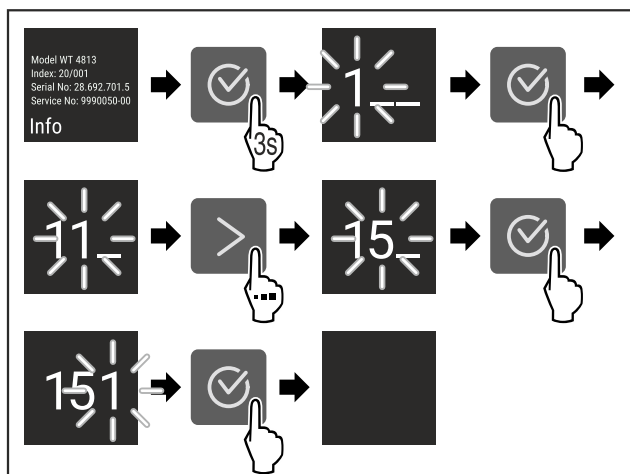


Fig. 4 Example illustration, access with numerical code **151**

- ▶ Carry out action steps according to the illustration.
- ▷ 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

- ▶ Press any navigation key.
- ▷ Sleep mode is ended.

4 Start-up

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 display. (see 3 Functionality of the Touch display)

- ▶ Switch on the appliance using the Touch display.

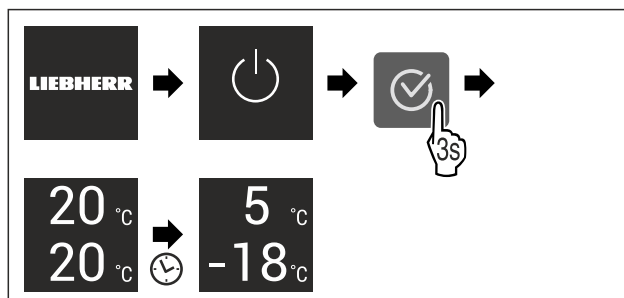


Fig. 5 Example illustration

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

More information:

- Start the 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 1.3 SmartDevice) and (see WiFi)

Note

The manufacturer recommends:

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

Note

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

4.2 Starting the EasyTwist-Ice for the first time*

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

Make sure that the following requirements are fulfilled:

- ☐ The appliance is properly connected.
- ▶ Clean the EasyTwist-Ice. (see 9.4.6 Cleaning EasyTwist-Ice)
- ▶ Fill the water tank.

5 Storage

5.1 Information regarding storage



WARNING

Danger of fire

- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

Note

Insufficient ventilation results in an increase in energy consumption and reduction of the refrigerating performance

- Always keep the air slots unobstructed.

Observe the following specifications for storage:

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

Note

Failure to follow these guidelines can lead to foodstuffs spoiling.

5.2 Fridge compartment

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

5.2.1 Arranging your food properly

- Upper area and door: Store butter, cheese, canned 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 in the compartment depends on the moisture content of the chilled goods placed in it, and also depends on how often the compartment is opened. You can regulate the humidity level. (see 8.7 Humidity control)

5.3.1 Arranging your food properly

- Store unpackaged fruit and vegetables. If the humidity is too high:
- Regulate the humidity. (see 8.7 Humidity control)

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 Rating 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 amount of food to be frozen, you can activate SuperFrost before freezing to reach lower freezing temperatures. (see SuperFrost)

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

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

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

Arranging your food properly



CAUTION

Risk of injury from broken glass!

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

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

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

5.4.2 Defrosting food



WARNING

Danger of food poisoning!

- ▶ Do not re-freeze defrosted food.
- ▶ Use defrosted foodstuff as quickly 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

The storage times given are guidelines

Food with a "use by" date must still be consumed by the date indicated on the package

5.5.1 Fridge

The best-before date stated on the packaging applies.

5.5.2 Freezer

Guidelines for storage periods for various foods		
Ice cream	at -18 °C	2 to 6 months
Sausage, ham	at -18 °C	2 to 3 months
Bread, bakery products	at -18 °C	2 to 6 months
Game, pork	at -18 °C	6 to 9 months
Fish, fatty	at -18 °C	2 to 6 months
Fish, lean	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 Energy saving

- Always ensure good ventilation. Do not obstruct ventilation openings or grilles.
- Never block air slits in the fan.
- Do not install the appliance in direct sunlight or next to a stove, heater or similar heat source.
- Energy consumption depends on installation conditions such as the ambient temperature (see 1.4 Range of appliance use) . A warmer ambient temperature can increase the energy consumption.
- Avoid opening the appliance door for any longer than necessary
- The lower the temperature is set the higher the energy consumption.
- Sort your food items: home.liebherr.com/food.
- All food stored in the appliance should be well wrapped and covered. This prevents frost buildup.
- Only take food out for as long as necessary so that it does not get too warm.
- Insertion of warm foods: first let the food cool down to room temperature.
- Defrost frozen food in the fridge
- For longer periods of absence, use HolidayMode (see HolidayMode) .

7 Use

7.1 Controls and displays

7.1.1 Status display

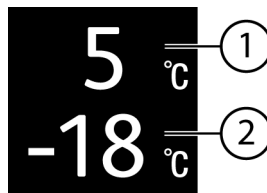


Fig. 6

(1) Fridge compartment temperature display

(2) Freezer compartment temperature display

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

7.1.2 Display symbols

The display symbols provide information about the current appliance status.

Symbol	Appliance status
	Standby The appliance or temperature zone is turned off.
	Flashing number Appliance is working. Temperature flashes, until the set value is reached.
	Flashing symbol Appliance is working. Setting is made.
	Bar grows steadily Function is activated.

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 appliance functions, make sure that the following requirements are met:

- ☐ You have read and understood the descriptions of how the display works.
- ☐ You have familiarized yourself with the operating and display elements of your appliance.



Turn off appliance

This setting turns off the whole appliance.

Switch off whole appliance

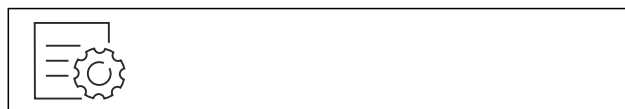


Fig. 7



- ▷ Off: Display turns black.

You can switch temperature zones of the appliance off independently.

- Cleaning
- Defrosting

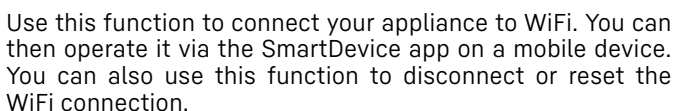
Make sure that the following requirements are fulfilled:

☐ Refrigerator compartment has been emptied.



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

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

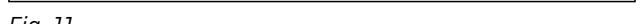


More information on the SmartDevice: (see 1.3 SmartDevice)

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

Establishing the WiFi connection for the first time

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



The diagram illustrates the sequence of events for a mobile device connecting to a WiFi network. The process is shown in three rows, each representing a different state of the device's connection status:

- Row 1 (Connecting):** The device is in a 'Connecting' state (indicated by a 'Connecting' label and a signal icon with radiating lines). It transitions to an 'Access P.' (Access Point) state (indicated by an 'Access P.' label and a signal icon with radiating lines). This state then transitions to a 'WiFi' state (indicated by a 'WiFi' label and a signal icon with radiating lines).
- Row 2 (Access P.):** The device is in an 'Access P.' state. It transitions to a 'WiFi' state.
- Row 3 (WiFi):** The device is in a 'WiFi' state. It transitions to a 'WiFi' state.

The sequence of events is represented by arrows connecting the states in a linear fashion. A hand icon is shown interacting with the 'Access P.' and 'WiFi' states, indicating user input or a system event.

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

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

* Depending on model and options

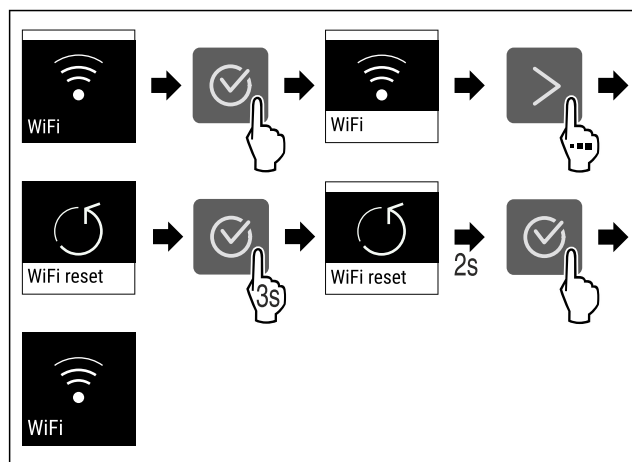


Fig. 16

- 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

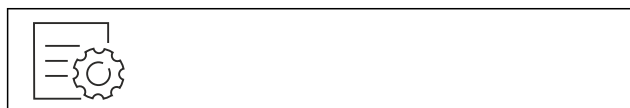


Fig. 17

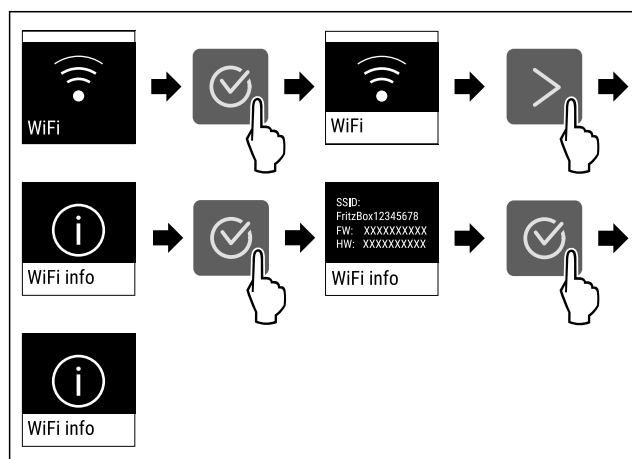


Fig. 18

- Carry out action steps according to the illustration.

5 °C Temperature

Use this function to set the temperature.

The temperature depends on the following factors:

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

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

Setting the temperature in the refrigerator compartment

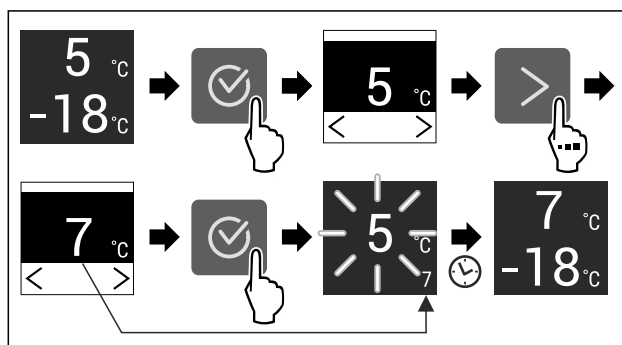


Fig. 19

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

Setting the temperature in the freezer compartment

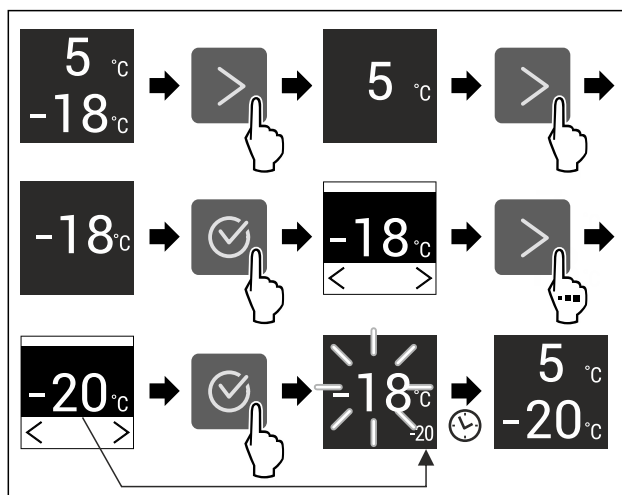


Fig. 20

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

°C/°F Temperature unit

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

Setting the temperature unit



Fig. 21

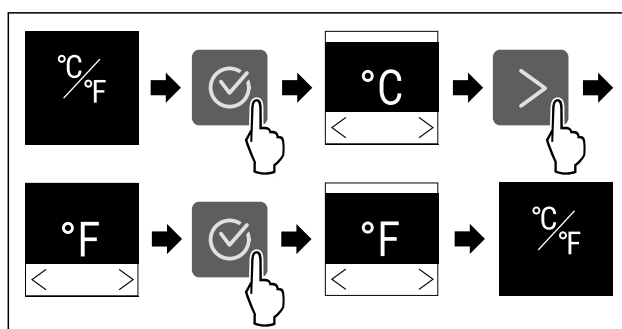


Fig. 22 Example illustration: Switching between degrees Celsius or degrees Fahrenheit.

- Carry out action steps according to the illustration.

▷ Temperature unit is set.

D1 D-Value*

Use this function to set the D-Value.

The D-Value indicates whether you are operating the fridge section with a dry rear wall or without one. The rear wall is installed in the appliance upon delivery. By default, the D-Value is set to D1.

You can remove the rear wall for cleaning. (see 9.4.4 Cleaning the dry rear panel*) To operate the appliance without rear wall, you must set the D-Value to D2.

Note

The declared energy consumption was calculated without a dry rear wall. The appliance is fully functional with the dry rear wall, but with a slightly higher energy consumption. Liebherr recommends:

- ▶ The appliance is operated with a dry rear wall to prevent any visible condensate and product from frosting.

Setting the D-Value



Fig. 23

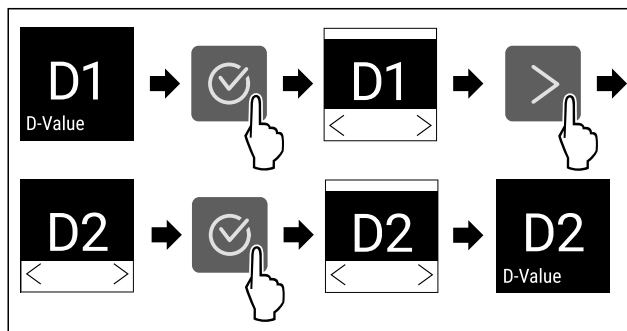


Fig. 24 Example illustration: Switching from D1 to D2.

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



SuperCool

Select this function for the maximum cooling setting, to reach lower cooling temperatures.

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

Use:

- Cool large amounts of food quickly.

Activating/deactivating settings

- ▶ Using the fridge section: activate the function when you add the goods.
- ▶ Activating/deactivating .

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



PowerCool

This function activates or deactivates PowerCool. PowerCool ensures optimum temperature layers to keep your food cool.

This function relates to the fridge compartment.

Application:

- At high room temperature (starting at approx. 35 °C)
- At high humidity, e. g. on summer days
- While storing moist product to prevent condensation in the interior

Note

The fan can run even if the function is deactivated. It ensures optimum temperature distribution in the appliance.

Activating PowerCool



Fig. 25

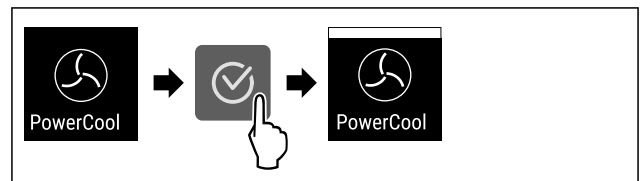


Fig. 26

- ▶ Carry out action steps according to the illustration.
- ▷ PowerCool is activated.
- ▷ The appliance's energy consumption is slightly increased.

Deactivating PowerCool



Fig. 27

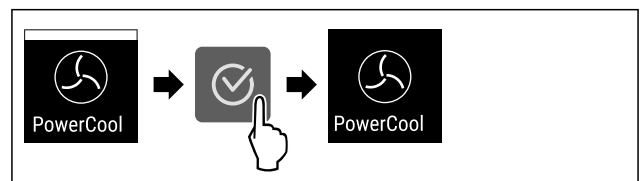


Fig. 28

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



SuperFrost

Select this function for the maximum freezing setting, to reach lower freezing temperatures.

This function is relevant to the freezer section Fig. 1 (C).

Use:

- To freeze more than 2 kg fresh food a day.
- Freezing fresh food quickly to the core.
- Increasing the cold reserves in the stored goods before defrosting the appliance.

Activating/deactivating settings

With a small volume of frozen goods:

- ▶ Activate 6 hours before use.
- With the maximum volume of frozen goods:
- ▶ Activate 24 hours before use.
- ▶ Activating/deactivating .

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



PartyMode

This function activates and deactivates PartyMode. PartyMode activates different functions that are useful for a party.

PartyMode activates the following functions:

- SuperCool (see SuperCool)
- SuperFrost (see SuperFrost)

You can set all listed functions individually and flexibly. By deactivating PartyMode all changes are discarded.

Activating PartyMode

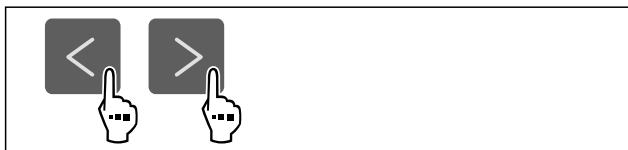


Fig. 29

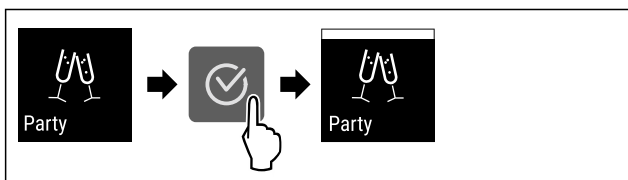


Fig. 30

- Carry out action steps according to the illustration.
- ▷ PartyMode and the corresponding functions are activated.
- ▷ The current temperature flashes until the target temperature is reached.

Deactivating PartyMode

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

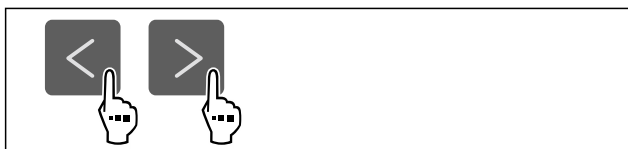


Fig. 31

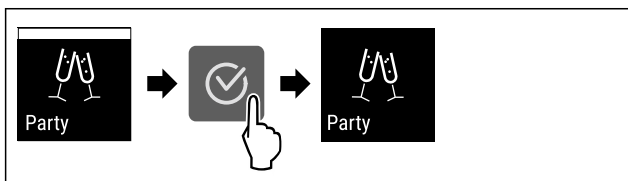


Fig. 32

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



HolidayMode

This function minimizes the energy consumption during an extended absence. The temperature of the refrigerator

compartment is set to 15 °C and this is displayed on the status screen when the temperature has been reached.

The set freezer temperature remains unchanged.

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

Use:

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

Activating/deactivating settings

- Empty everything from the fridge section.
- Activating/deactivating .
- ▷ On: Fridge temperature is raised.
- ▷ Off: The previously set temperature is restored.



SabbathMode

This function activates and deactivates SabbathMode. If you activate this function, some electronic functions are switched off. Your appliance thereby meets the religious requirements of Jewish holidays such as the Sabbath and complies with STAR-K Kosher certification.

Appliance status with active SabbathMode
The status display continuously shows SabbathMode.
All functions in the display except the Deactivating SabbathMode function are disabled.
Active functions remain active.
The display remains bright when you close the door.
The interior lighting is deactivated.
Memories are not listed. The set time interval is stopped.
Memories and warnings are not displayed.
There is no door alarm.
There is no temperature alarm.
The defrost cycle operates only for the specified time without taking into account the appliance usage.
After a power failure, the device returns to SabbathMode.

Appliance 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 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 has been frozen and thawed.

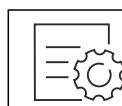


Fig. 33

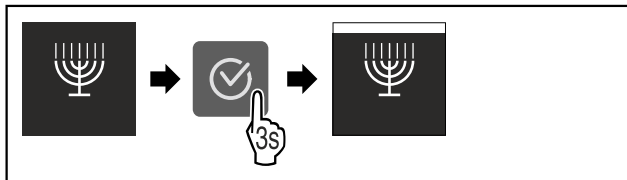


Fig. 34

- Carry out action steps according to the illustration.
- ▷ SabbathMode is activated.
- ▷ Status display continuously shows SabbathMode.

Deactivating SabbathMode

SabbathMode is automatically deactivated after 80 hours. However, you can also manually deactivate SabbathMode at any time:

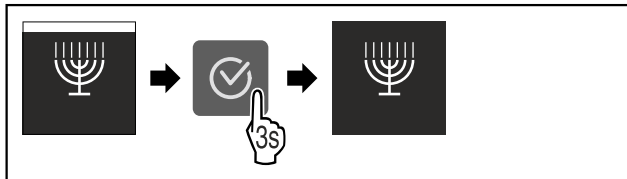


Fig. 35

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



E-Saver

This function activates or deactivates the energy-saving mode. When you activate this function, the energy consumption decreases and the temperature increases by 2 °C in the appliance. The food remains fresh, but the shelf life is shortened.

Temperature zone	Recommended setting (see Temperature)	Temperature when E-Saver activated
5 °C Fridge compartment	5 °C	7 °C
-18 °C Freezer compartment	-18 °C	-16 °C

Temperatures

Activating E-Saver

- Tap navigation arrow repeatedly until corresponding function is displayed.



Fig. 36

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

Deactivating E-Saver

- Tap navigation arrow repeatedly until corresponding function is displayed.



Fig. 37

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



CleaningMode

This function activates and deactivates CleaningMode. CleaningMode enables you to comfortably clean the appliance.

This setting relates to the fridge compartment.

Application:

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

Appliance status with active CleaningMode
The status display continuously shows CleaningMode.
The fridge section is switched off.
The interior lighting is activated.
Reminders and warnings are not displayed. No signal tone is sounded.

Appliance status

Activating CleaningMode



Fig. 38

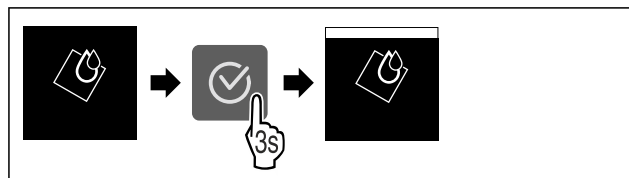


Fig. 39

- Carry out action steps according to the illustration.
- ▷ CleaningMode is activated.
- ▷ Status display continuously shows CleaningMode.

Deactivating CleaningMode

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

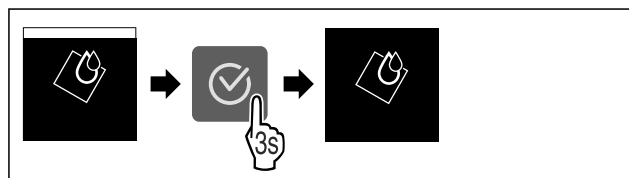


Fig. 40

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



Display Brightness

Use this function to set the brightness of the display gradually.

You can set the following brightness levels:

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

Setting the display brightness

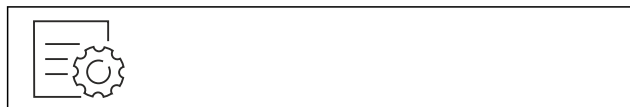


Fig. 41

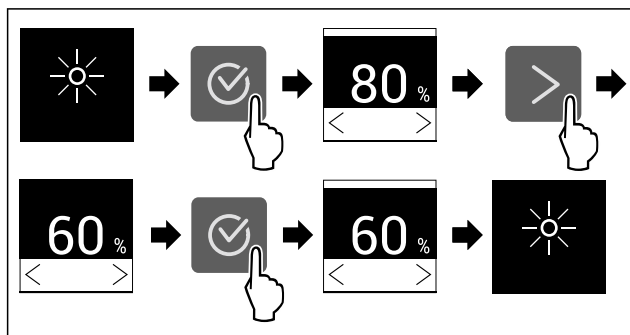


Fig. 42 Example illustration: Switching from 80 % to 60 %.

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



Door alarm

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

Options are as follows:

- 1 min
- 2 min
- 3 min
- Off

Choosing the setting

- ▶ Set the level (see 7.3 Error messages) .



Input lock

This function activates and deactivates the input lock. The input lock prevents the appliance from being operated accidentally, e. g. by children.

Application:

- Prevent unintentional changes of functions.
- Prevent switching off of the appliance.
- Prevent unintentional temperature setting.

Activating the input lock

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

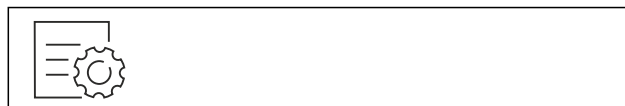


Fig. 43

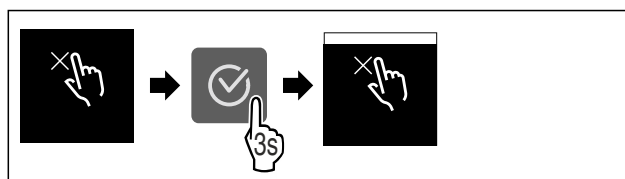


Fig. 44

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

Deactivating the input lock

- ▶ Pull up the settings menu.
- ▶ Press the navigation button until the corresponding function is displayed.

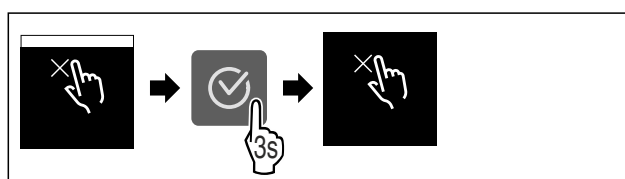


Fig. 45

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



Info

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

It provides the following information:

- Model name
- Index
- Serial number
- Service number

View appliance data

- ▶ Press the navigation arrows repeatedly until the settings are displayed.
- ▶ Press Confirm .
- ▶ Press the navigation arrows repeatedly until the information display appears.
- ▶ Read the appliance data.



Reminder

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



Replace the FreshAir active carbon filter

This message appears when the air filter needs replacing.

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

Activate setting

- ▶ Activating/deactivating .

Demo mode

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

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

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

Activating demo mode



Fig. 46

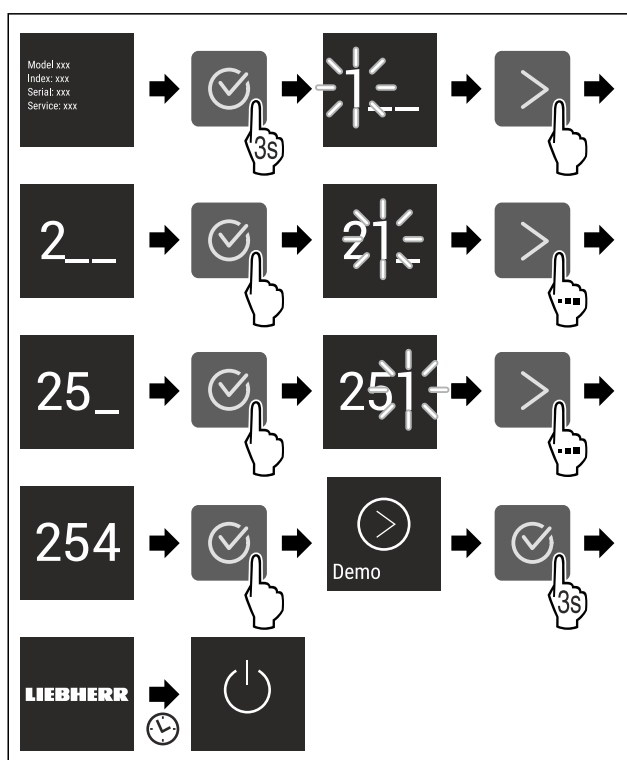


Fig. 47

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

Deactivating demo mode



Fig. 48

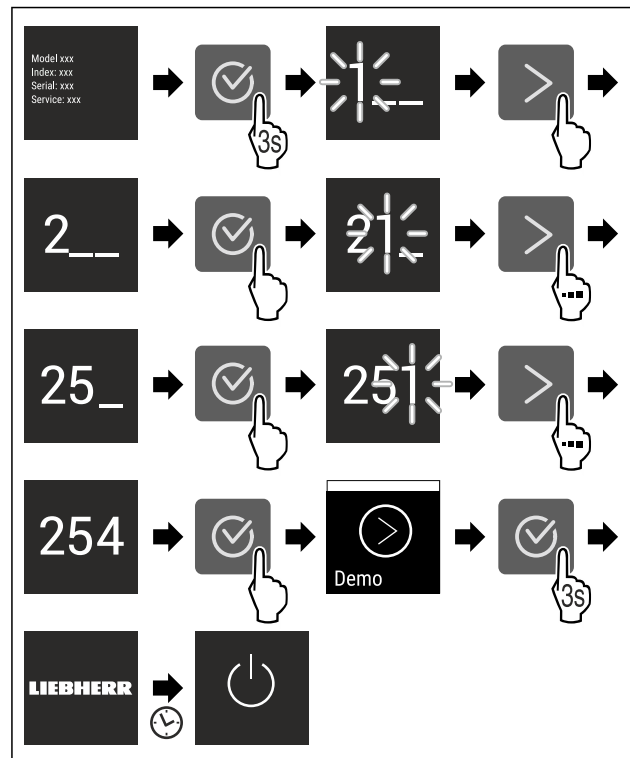


Fig. 49

- 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.

Reset

This function resets all settings to the factory settings. All settings that you have made thus far will be reset to their original values.

Activate the setting

- Activating .

7.3 Error messages

Error messages appear in the display. There are two categories of error message:

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

7.3.1 Warnings

Close the door

This message appears if the door is open too long. You can set the time before this message appears .

- Stop alarm: Confirm the message.

-or-

- Close the door.



Power failure.

This message appears if the freezer temperature rises after a power outage. When the power outage is over, the appliance will continue to operate at the last temperature setting.

- Stop alarm: Confirm the message.
- ▷ Temperature alarm appears (see Temperature alarm).



Temperature alarm

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

Temperature differences may be caused by:

- Hot fresh food was placed in the appliance.
- When sorting and removing food from the appliance, too much warm ambient air got in.
- There has been a prolonged power outage.
- The appliance is faulty.

When the cause is eliminated, the appliance will continue to operate at the last temperature setting.

- Confirm the display.
- ▷ Warmest temperature is displayed.
- Confirm the display again.
- ▷ The status display is displayed.
- ▷ Current temperature is displayed.



Error

This message appears when there is a fault with the appliance. An appliance component has an error.

- Open the door.
- Take note of the error code.
- Confirm the message.
- ▷ The signal tone stops.
- ▷ The status display appears.
- Close the door.
- Contact customer service. (see 10.4 Customer Service)

8 Equipment

8.1 Door racks

8.1.1 Moving/removing door racks

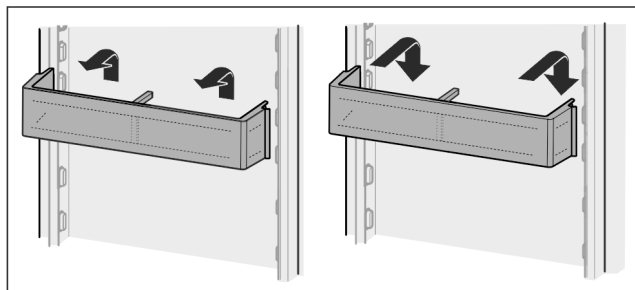


Fig. 50

- Slide racks up.
- Pull to the front.
- Re-insert in reverse order.

8.1.2 To dismantle door racks

The door racks can be disassembled for cleaning.

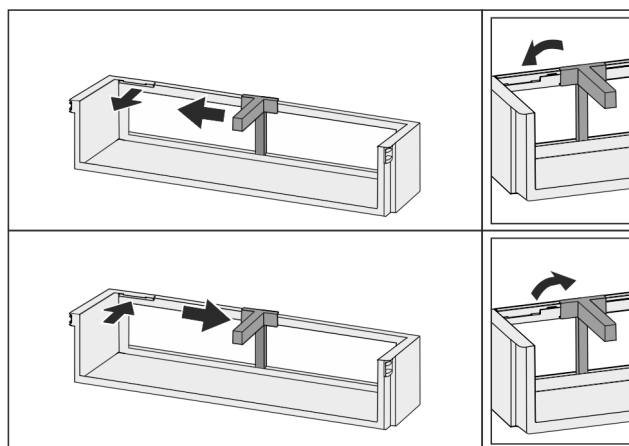


Fig. 51

- Disassemble the door racks.

8.2 Shelves

8.2.1 Moving/removing shelves

Extension stops secure the shelves against being accidentally pulled out

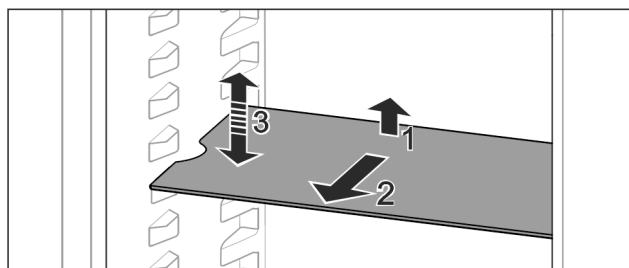


Fig. 52

- Lift the shelf and pull to the front.
- ▷ Side recess to shelf position.
- Reposition the shelf: Lift up or lower to the desired height and insert.

-or-

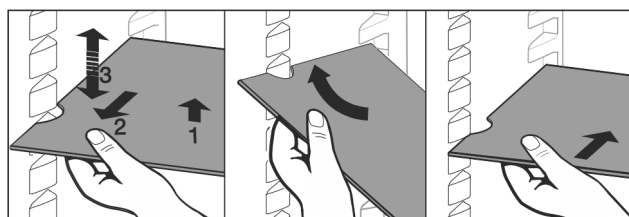


Fig. 53

- Take out the shelf completely: Pull out to the front.
- Easier removal: Set the shelf at an angle.
- Reinsert the shelf: Push it in to its stop limit.
- ▷ Pull-out stoppers are pointing down.
- ▷ Pull-out stoppers are behind the front shelf.

You can also remove the shelf above the EasyFresh compartments.

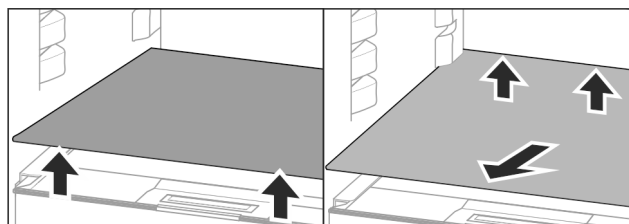


Fig. 54

To remove shelf

Equipment

- ▶ Lift the shelf at the front and back.
- ▶ Remove from the front.

Do not place any goods on the drawer cover below!

Slide the shelf in:

- ▶ Place the shelf at an angle, with the back tilted downwards.
- ▷ Pull-out stoppers are pointing down.
- ▶ Slide the shelf into place.

8.2.2 Dismantling shelves

The shelves can be dismantled for cleaning.

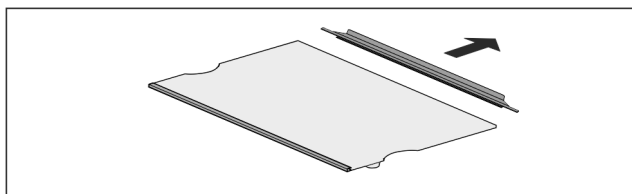


Fig. 55

- ▶ Disassemble the shelf.

8.3 Split shelf*

8.3.1 Using the split shelf

Extension stops secure the shelves against being accidentally pulled out

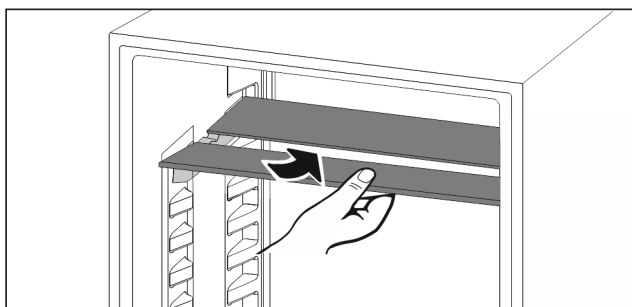


Fig. 56

- ▶ Push the split shelf underneath as in the illustration

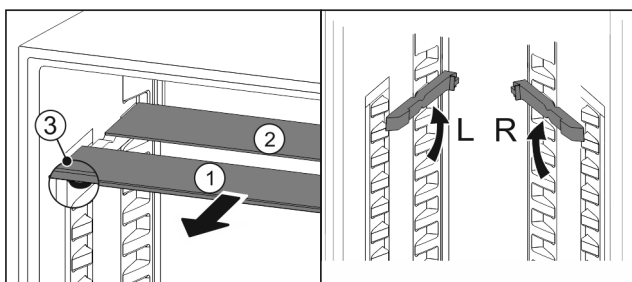


Fig. 57

Adjusting heights:

- ▶ Pull the glass panels out Fig. 57 (1) from the front, one at a time.
- ▶ Pull the support rails out of their retainers and snap into place at the height you want them.
- ▶ Slide in the glass panels one at a time.
- ▷ Flat pull-out stoppers at the front, right behind the support rail.
- ▷ Taller pull-out stoppers at the back.

Using both shelves:

- ▶ Hold the bottom glass panel with one hand and pull it to the front.
- ▷ The glass panel Fig. 57 (1) with the trim strip is at the front.
- ▷ The stops Fig. 57 (3) point downward.

8.4 VarioSafe*

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

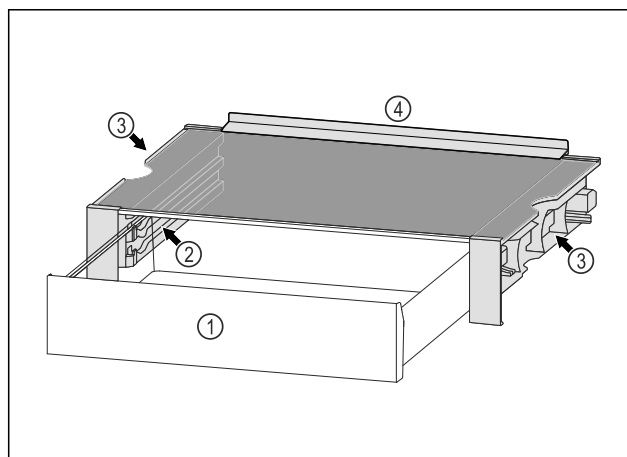


Fig. 58

- (1) VarioSafe drawer
- (2) Side panels with ribs for VarioSafe drawer
- (3) Recesses on the left and right side panel
- (4) Stop edge

8.4.1 Inserting the VarioSafe

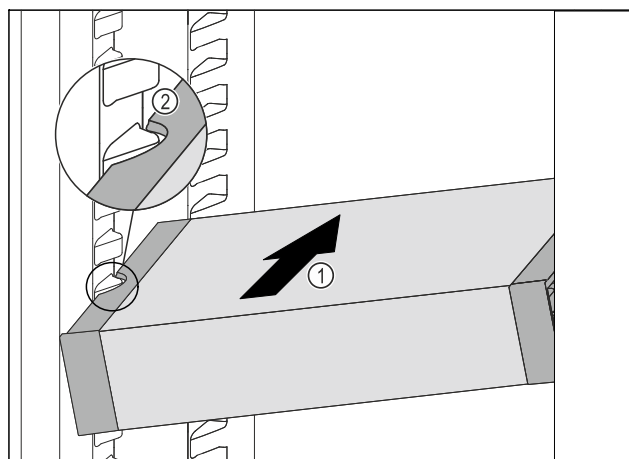


Fig. 59

- ▶ Insert the VarioSafe into the refrigerator compartment at an angle Fig. 59 (1) until the recesses in the side panel Fig. 59 (2) of the VarioSafe are at the level of the support rib in the refrigerator compartment.

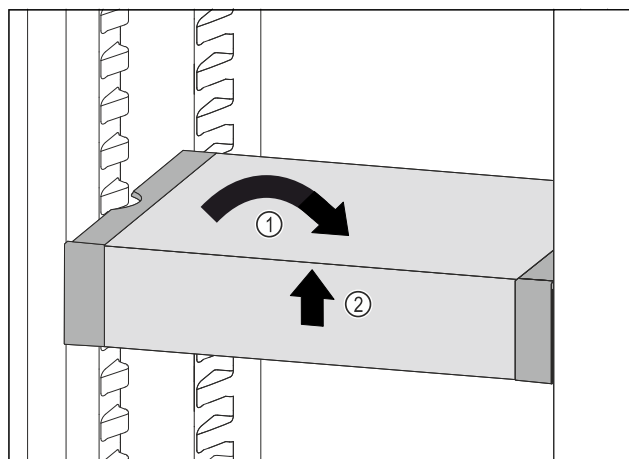


Fig. 60

- ▶ Set VarioSafe straight. Fig. 60 (1)

- Lift VarioSafe at the front. *Fig. 60 (2)*

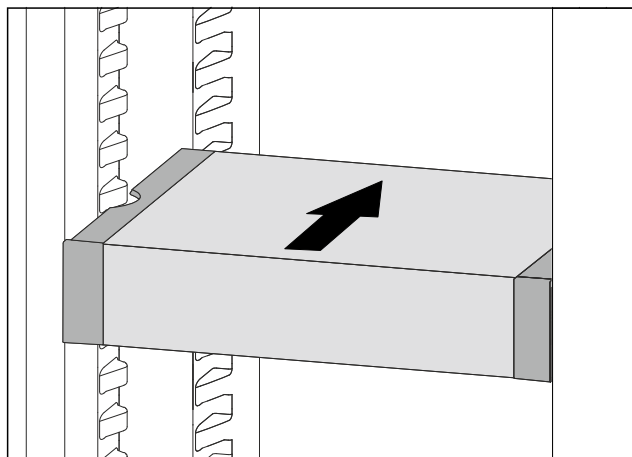


Fig. 61

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

8.4.2 Repositioning the VarioSafe

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

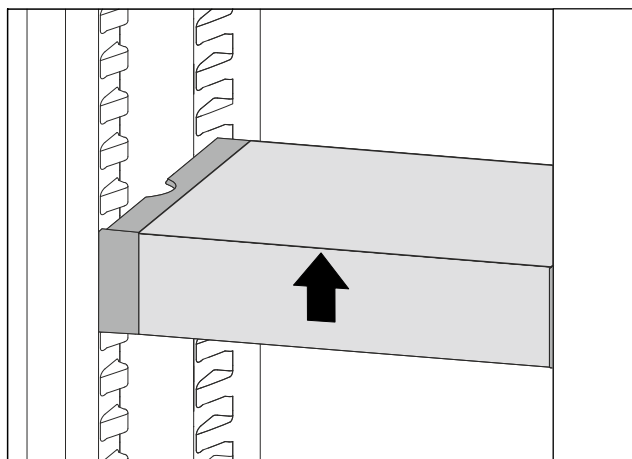


Fig. 62

- Lift VarioSafe at the front.

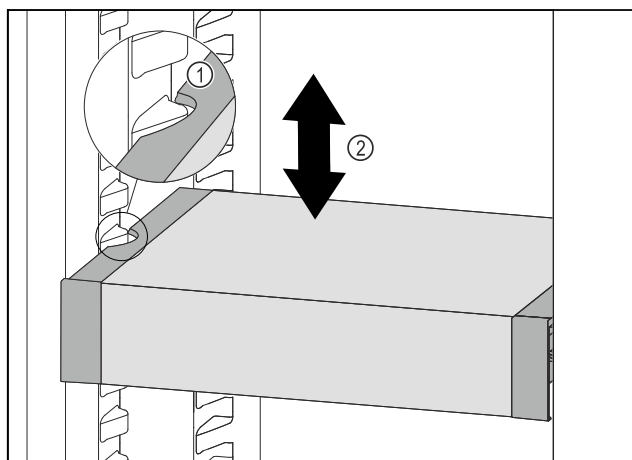


Fig. 63

- Pull VarioSafe forwards until the recesses in the side of the VarioSafe are at the level of the support rib in the refrigerator compartment. *Fig. 63 (1)*

- Move VarioSafe up or down in the refrigerator compartment until the desired height is reached. *Fig. 63 (2)*

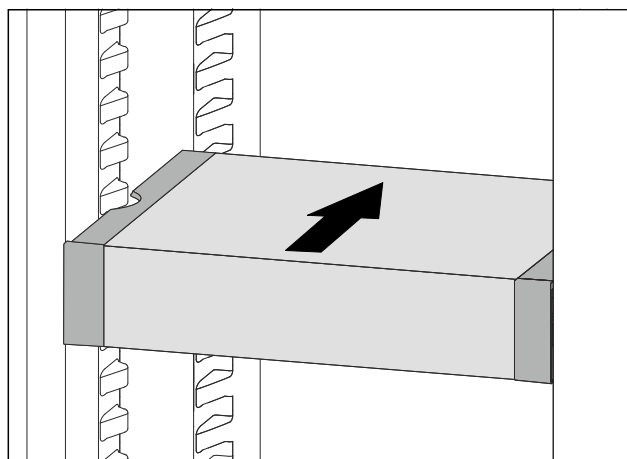


Fig. 64

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

8.4.3 Moving the VarioSafe drawer

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

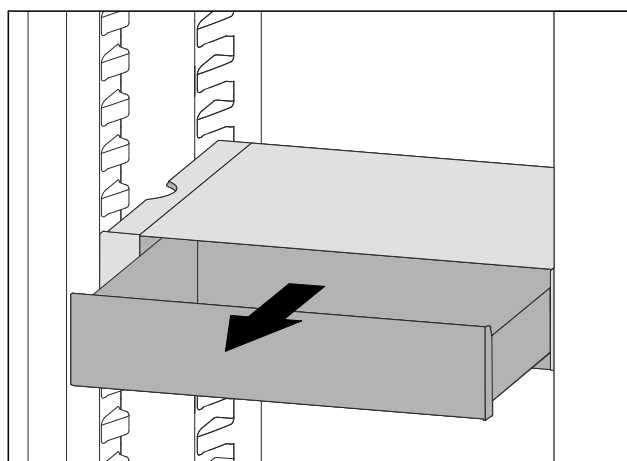


Fig. 65

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

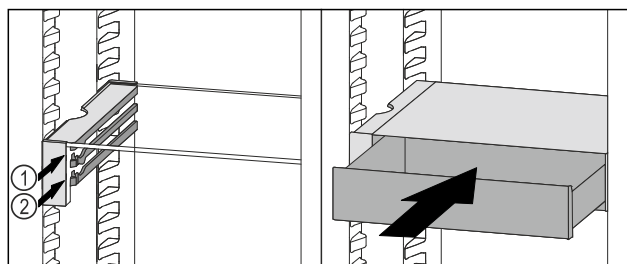


Fig. 66

- Lift the VarioSafe drawer up at the front.
- Place the VarioSafe drawer behind the stoppers on desired rib *Fig. 66 (1)* or *Fig. 66 (2)*.
- ▷ VarioSafe drawer is offset in height.

Equipment

8.4.4 Removing the VarioSafe

You can remove the VarioSafe as a whole.

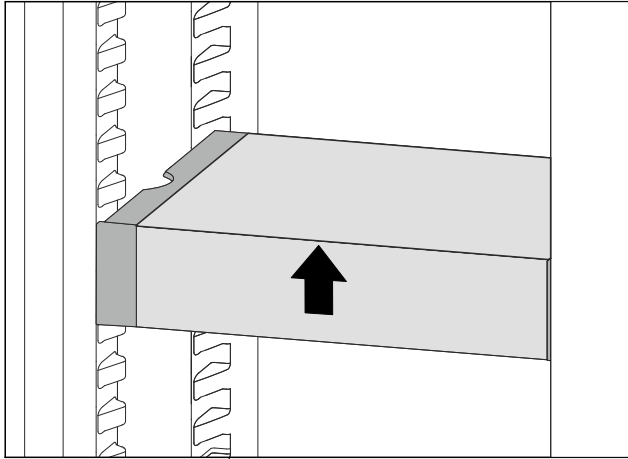


Fig. 67

- Lift VarioSafe at the front.

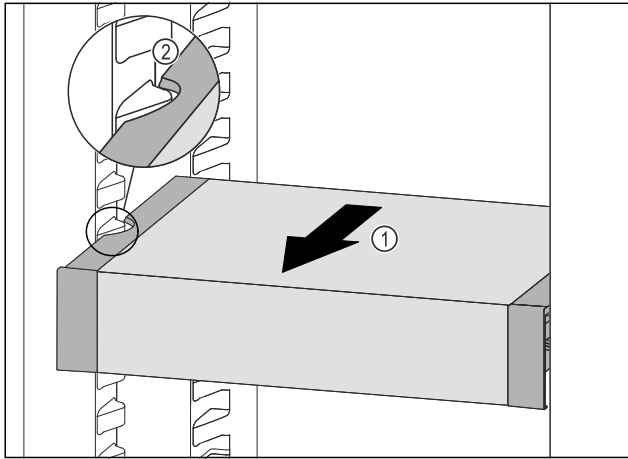


Fig. 68

- Pull VarioSafe forwards Fig. 68 (1) until the recesses in the side of the VarioSafe are at the level of the support rib in the refrigerator compartment. Fig. 68 (2)

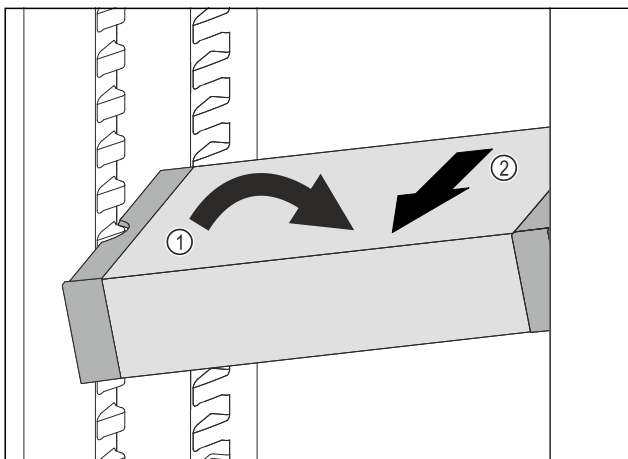


Fig. 69

- Set VarioSafe in refrigerator compartment at an angle. Fig. 69 (1)
- Take VarioSafe out to the front. Fig. 69 (2)
- ▷ VarioSafe is removed.

8.4.5 Disassembling the VarioSafe

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

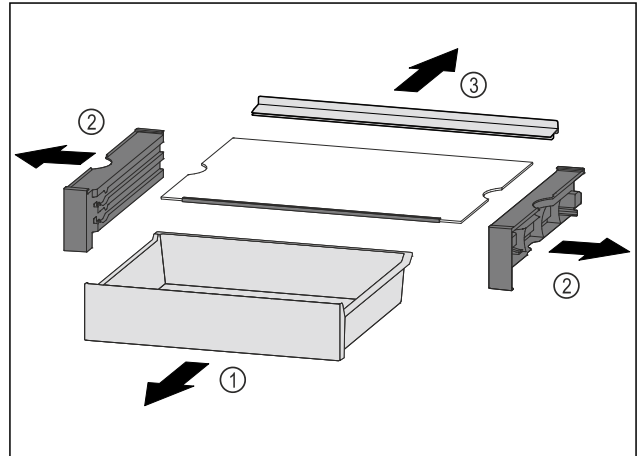


Fig. 70

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

8.5 Drawers

You can remove the drawers for cleaning.

You can remove the drawers to use VarioSpace.

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

Note

Insufficient ventilation results in an increase in energy consumption and reduction of the refrigerating performance.

- Leave the bottom drawer in appliance!
- Never obstruct the vents on the interior rear wall!

8.5.1 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

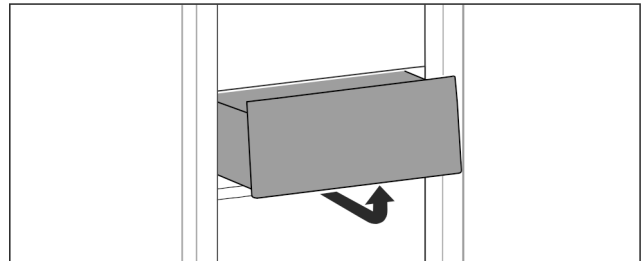


Fig. 71

- Remove drawer as shown in the diagram.

Inserting drawer

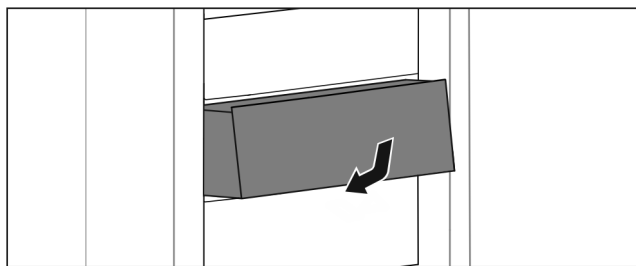


Fig. 72

- Insert drawer as shown in the diagram.

8.5.2 Drawer on glide rails

Removing drawer

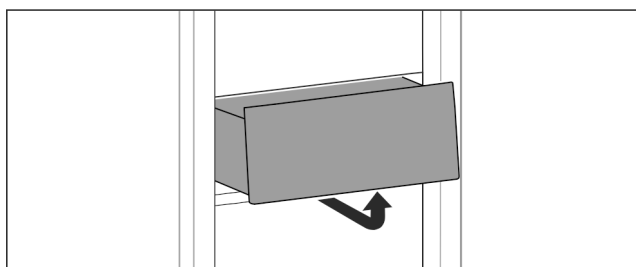


Fig. 73

- Remove drawer as shown in the diagram.

Inserting drawer

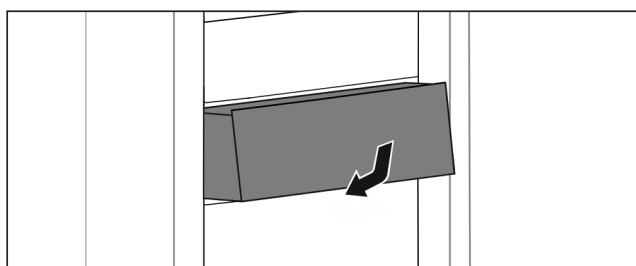


Fig. 74

- Insert drawer as shown in the diagram.

8.6 EasyFresh-Safe

The compartment lid can be removed for cleaning.

8.6.1 Removing the compartment lid

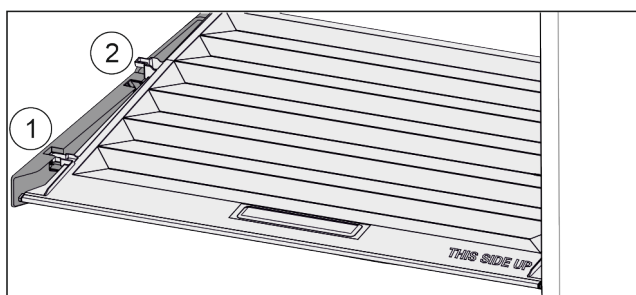


Fig. 75

If the drawers are removed:

- Pull the lid up at the front in the retaining parts to the opening Fig. 75 (1).
- Lift from the back and pull it up and out Fig. 75 (2).

8.6.2 Inserting the compartment lid

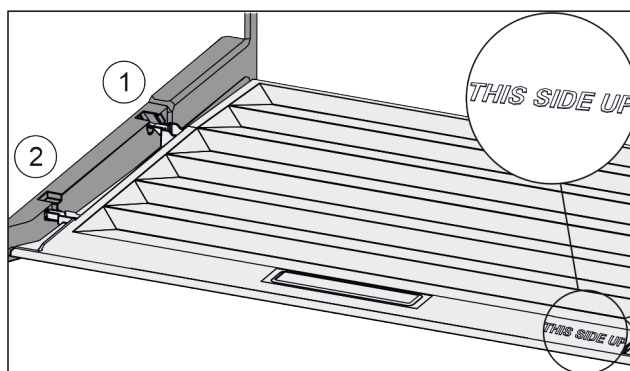


Fig. 76

If the text THIS SIDE UP is on top:

- Insert the lip of the cover over the opening of the rear bracket Fig. 76 (1) and click into place Fig. 76 (2).
- Position the cover where you want it (see 8.7 Humidity control).

8.7 Humidity control

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

The compartment cover is on the drawer itself and can be covered with shelves or additional drawers.

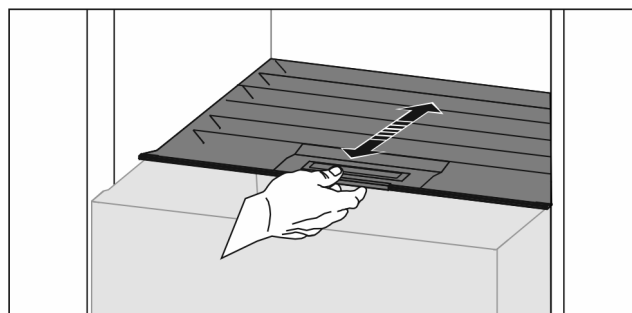


Fig. 77

Low air humidity

- Open the drawer.
- Pull the drawer cover to the front.
- ▷ If the drawer is closed: Gap between lid and compartment.
- ▷ Moisture levels lower in the Safe.

High air moisture:

- Open the drawer.
- Slide the compartment cover to the back.
- ▷ If the drawer is closed: The cover seals the compartment.
- ▷ Moisture levels rise in the Safe.
- If there is too much moisture in the compartment:
- Choose a "low moisture setting".
- or-
- Remove the moisture with a cloth.

8.8 Glass shelves

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

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

8.8.1 Removing / inserting the glass shelf

Make sure that the following requirements are fulfilled:

- ☐ Glass shelf under the drawer: Drawer has been removed. (see 8.5 Drawers)

Equipment

Removing glass shelf

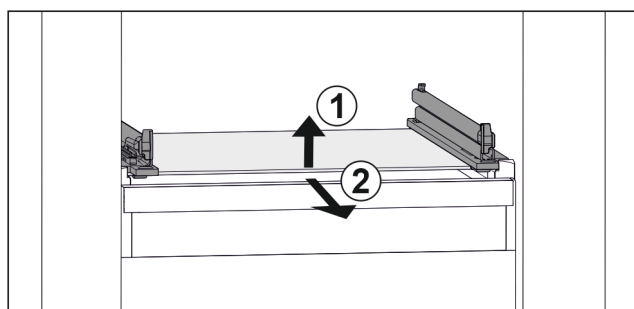


Fig. 78 Example illustration of glass shelf

- Lift glass shelf at the front. Fig. 78 (1)
- Remove glass shelf to the front. Fig. 78 (2)

Inserting the glass shelf

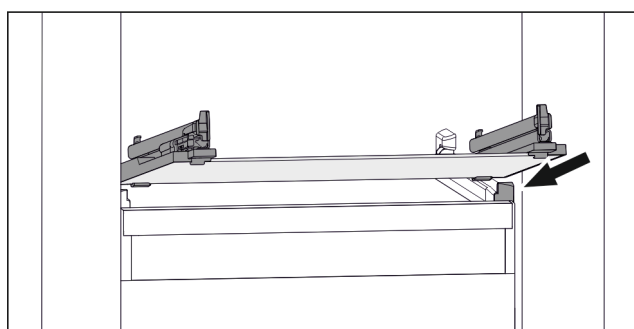


Fig. 79 Example illustration of glass shelf

- Position glass shelf at an angle behind the stoppers. (see Fig. 79)
- Lower glass shelf.
- Slide in glass shelf to the back.

8.9 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.

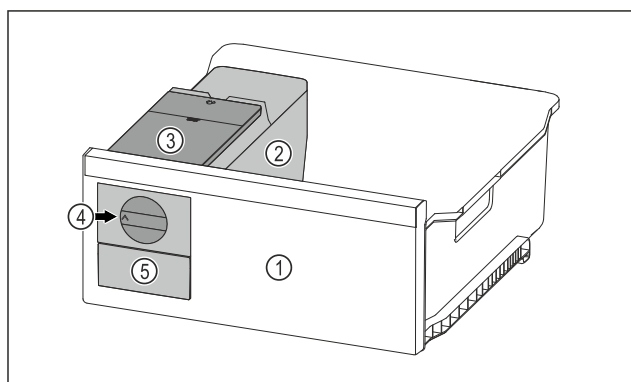


Fig. 80 Example illustration

- (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.

8.9.1 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!

- Fill the water tank with potable water only.

NOTICE

Sugary liquids!

Damage to the EasyTwist-Ice.

- Fill with cold drinking water only.

Note

Using filtered, decarbonized 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, decarbonized drinking water.

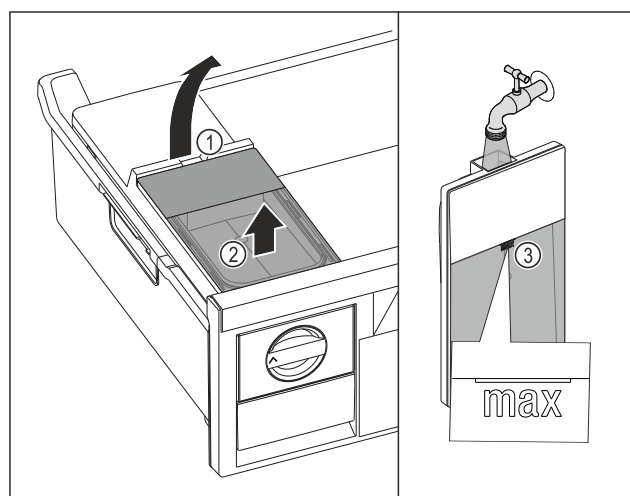


Fig. 81

- Pull out freezer drawer as far as it will go.
- Lift the water tank at the recess Fig. 81 (1).
- Remove the water tank by lifting it upward. Fig. 81 (2)
- Fill the water tank with drinking water up to the mark Fig. 81 (3).

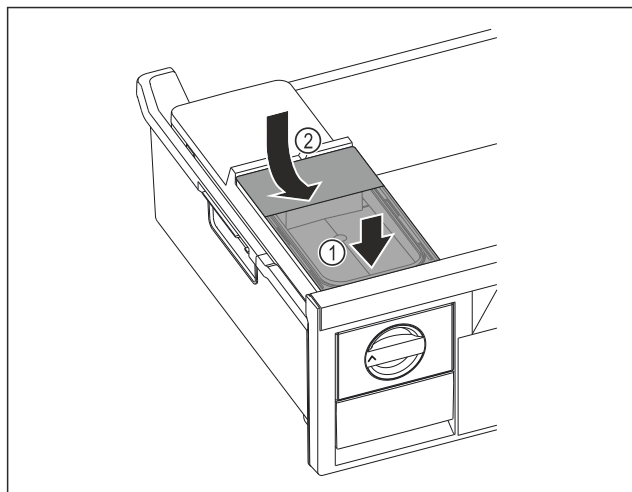


Fig. 82

- Position the water tank at the front. Fig. 82 (1)
- Lower the water tank at the rear. Fig. 82 (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. 80 (4) clockwise as far as it will go.
- ▷ Ice cubes fall from the ice cube tray into the ice cube drawer Fig. 80 (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.

8.10 VarioSpace

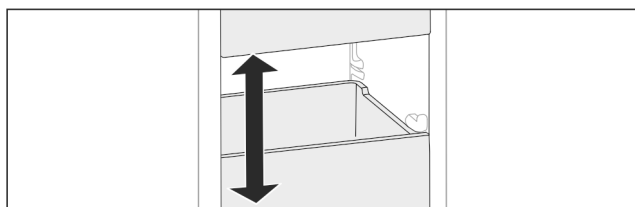


Fig. 83

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

► Note the load limits on the drawers and glass panels (see 10.1 Technical specifications).

8.11 Bottle rack

8.11.1 Using the bottle rack

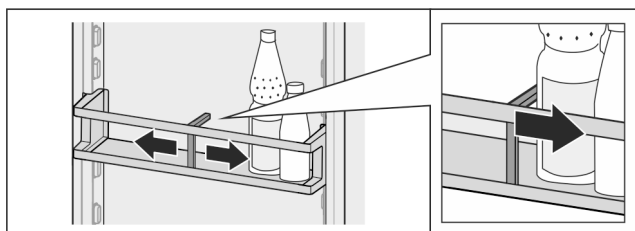


Fig. 84

- Slide the bottle rack at the edges.
- ▷ Stops bottles from tipping over.

8.11.2 Removing the bottle rack

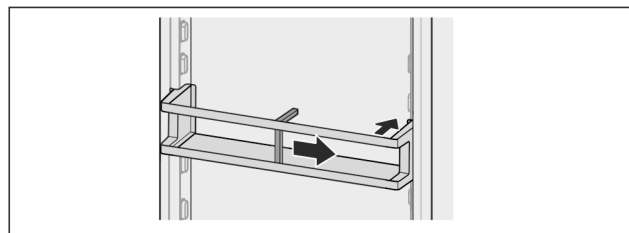


Fig. 85

- Slide the bottle rack all the way to the right edge.
- Remove to the back.

9 Maintenance

9.1 FreshAir carbon filter

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

It guarantees the best air quality.

- ☐ Change the carbon filter every 6 months.
When the reminder is set, a message on the display prompts you to change it.
- ☐ You can dispose of the carbon filter 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

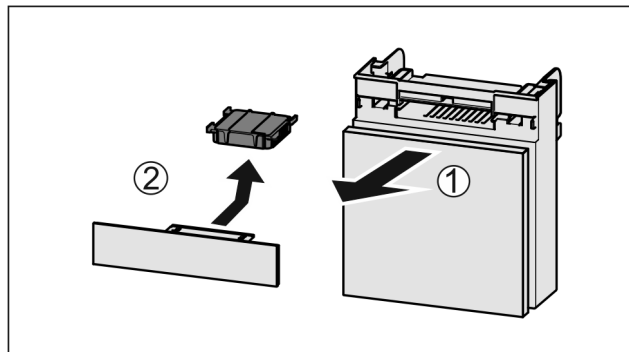


Fig. 86

- Pull out the compartment Fig. 86 (1).
- Remove the carbon filter Fig. 86 (2).

9.1.2 Inserting the FreshAir carbon filter

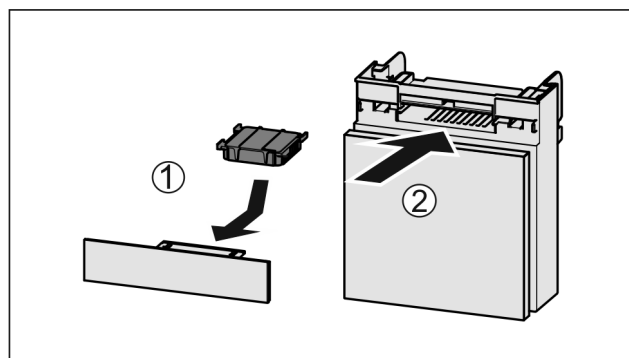


Fig. 87

- Insert the carbon filter as shown in the diagram Fig. 87 (1).

Maintenance

- ▷ The carbon filter clicks into place.
If the carbon filter is pointing downwards:
- ▶ Push the compartment in *Fig. 87 (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
Drawer on glide rails	cannot be disassembled

9.3 Defrosting the appliance

9.3.1 Defrosting the refrigerator compartment

Defrosting is performed automatically. The water from the thawing process runs out via the drain opening and is evaporated.

Water droplets or a thin layer of frost or ice can form on the rear wall; this is a completely normal part of the appliance's function. You do not have to remove them.*

A frost or ice layer may form briefly due to the energy-optimized control of the appliance.*

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

9.3.2 Defrosting the freezer compartment with NoFrost

Defrosting is performed automatically by the NoFrost system. The moisture condenses on the evaporator and is periodically defrosted and evaporated.

The appliance does not have to be defrosted.

9.4 Cleaning the appliance

9.4.1 Preparation



WARNING

Danger of electric shock.

- ▶ Unplug refrigerator or disconnect power.



WARNING

Danger of fire

- ▶ Do not damage the refrigerant circuit.

- ▶ Empty appliance.
- ▶ Pull out the power plug.

-or-

- ▶ Activate CleaningMode.

9.4.2 Cleaning the housing

NOTICE

Improper cleaning!

Damage to the appliance.

- ▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
- ▶ Do not use steel wool or sponges that scour or scratch.
- ▶ Do not use caustic or abrasive cleaning materials or those containing sand, chloride, or acids.



WARNING

Risk of injury or damage due to hot steam.

Hot steam can cause scalding/burns and damage to surfaces.

- ▶ Do not use steam cleaners.

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

9.4.3 Cleaning the interior

NOTICE

Improper cleaning!

Damage to the appliance.

- ▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
- ▶ Do not use steel wool or sponges that scour or scratch.
- ▶ Do not use caustic or abrasive cleaning materials or those containing sand, chloride, or acids.

- ▶ 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 any deposits with a thin item such as a cotton bud.

9.4.4 Cleaning the dry rear panel*

You can remove the dry rear panel for cleaning.

Removing the rear panel

- ▶ Remove all equipment parts.

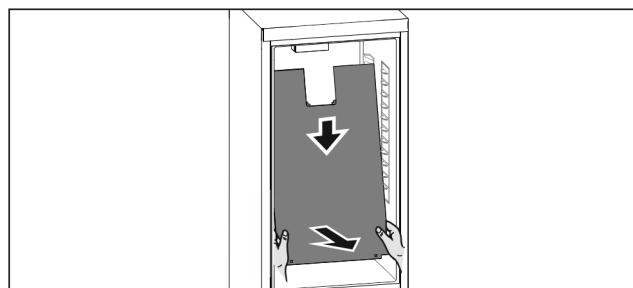


Fig. 88

- ▶ Hold the rear panel with both hands at the bottom and pull it down forcefully.
- ▶ Pull the rear panel out to the front by the bottom end.
- ▷ The rear panel has been removed.
If you want to operate the appliance with the rear panel removed:
- ▶ Set the *D-Value* to D2. (see *D-Value**)

Inserting the rear panel

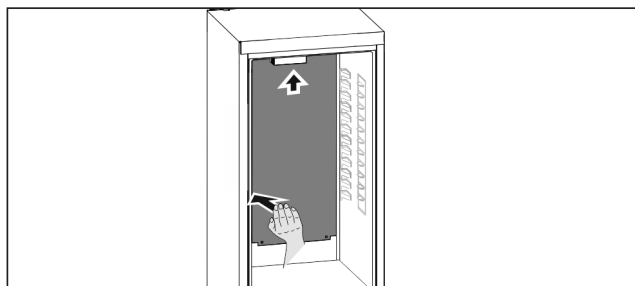


Fig. 89

- ▶ Make sure the appliance is completely empty.
- ▶ Push in the rear panel from the bottom to the top.
- ▶ Press the rear panel forcibly to the back at the left side.
- ▷ The rear panel latches audibly in place.
- ▶ Insert the equipment parts.
- ▶ Set the *D-Value* to D1. (see *D-Value**)

9.4.5 Cleaning the equipment

NOTICE

Improper cleaning!
Damage to the appliance.

- ▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
- ▶ Do not use steel wool or sponges that scour or scratch.
- ▶ Do not use caustic or abrasive cleaning materials or those containing sand, chloride, or acids.

Clean with a soft, clean cloth, lukewarm water and a little washing up liquid:

- Door racks
- Shelf
- Split shelf*
- VarioSafe*
- EasyFresh-Safe
- Drawer
- Components of the EasyTwist-Ice*

Clean in the dishwasher up to 60 °C:

- Bottle rack
- Holder for the split shelf*
- Ice cube tray*
- ▶ Disassemble the equipment: see the relevant section.
- ▶ Clean the equipment.

9.4.6 Cleaning EasyTwist-Ice

Clean EasyTwist-Ice in the following cases:

- Initial commissioning
- If not in use for more than 48 hours
- If cleaning is needed

Disassembling EasyTwist-Ice

Make sure that the following requirements are fulfilled:

- ☐ Drawer is removed. (see 8.5 Drawers)
- ☐ Drawer is set down on a table.

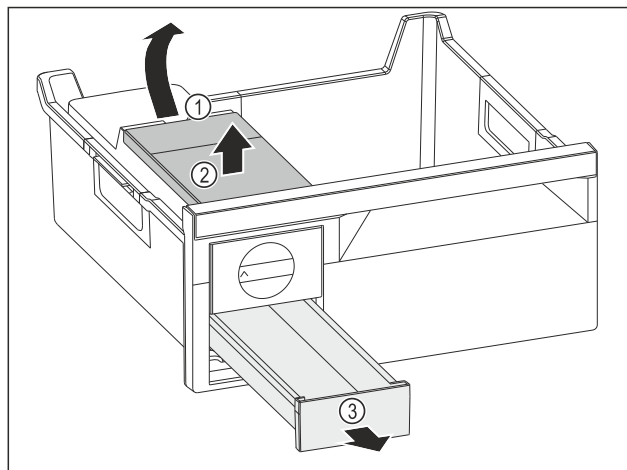


Fig. 90

- ▶ Removing the water tank: Lift the water tank at the recess Fig. 90 (1).
- ▶ Remove the water tank Fig. 90 (2) upwards.
- ▶ Remove the ice cube tray Fig. 90 (3) from the front.

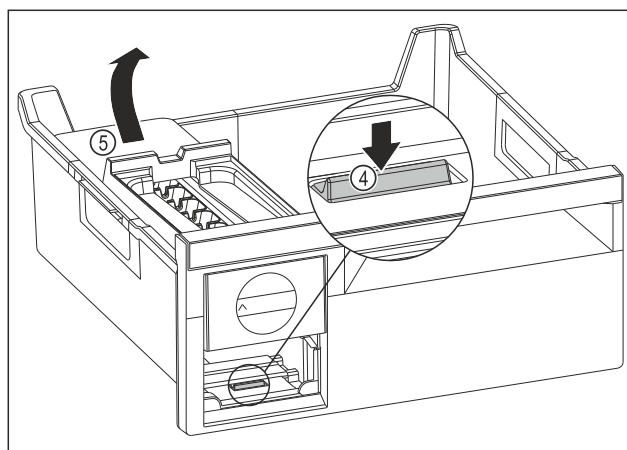


Fig. 91

- ▶ Removing the EasyTwist-Ice body: Use your finger to press the tab Fig. 91 (4) downward while at the same time lifting the EasyTwist-Ice body Fig. 91 (5) from behind with the other hand.
- ▶ Remove the EasyTwist-Ice body from the freezer drawer.

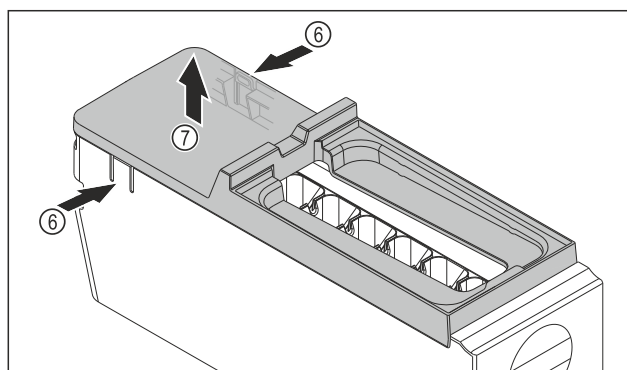


Fig. 92

- ▶ Removing the cover of the EasyTwist-Ice body: With one hand, press the tabs Fig. 92 (6) on both sides of the EasyTwist-Ice body.
- ▶ With the other hand, remove the cover Fig. 92 (7) upward.
- ▷ EasyTwist-Ice is disassembled in four parts. (see Fig. 93)

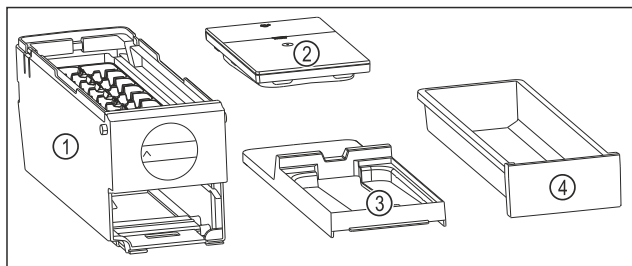


Fig. 93 Components of the EasyTwist-Ice

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

NOTICE

Danger of damage due to improper disassembly! Breaking, jumping and splintering of the equipment. If you continue to disassemble the EasyTwist-Ice body, you might damage the rotary knob or other parts of the EasyTwist-Ice body.

- ▶ Only disassemble the EasyTwist-Ice into the illustrated components. (see Fig. 93)
- ▶ Clean the EasyTwist-Ice body Fig. 93 (1) as a complete unit.

Cleaning EasyTwist-Ice

Make sure that the following requirements are fulfilled:

- ❑ EasyTwist-Ice is disassembled. (see Disassembling EasyTwist-Ice)
- ▶ Clean the ice cube tray, water tank, cover, and the EasyTwist-Ice body with warm water with some dishwashing detergent.
- ▶ Dry all cleaned components with a dry cloth completely.
- ▷ EasyTwist-Ice is cleaned.

Installing EasyTwist-Ice

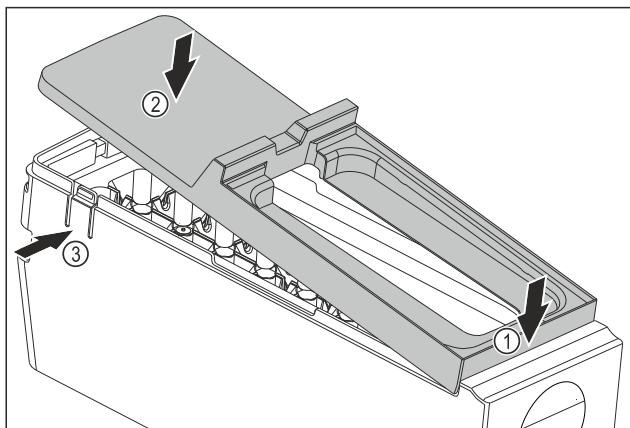


Fig. 94

- ▶ Installing the cover of the EasyTwist-Ice body: Fit the cover at the front. Fig. 94 (1)
- ▶ Lower the cover at the rear. Fig. 94 (2)
- ▷ The cover snaps audibly into place in both tabs Fig. 94 (3).

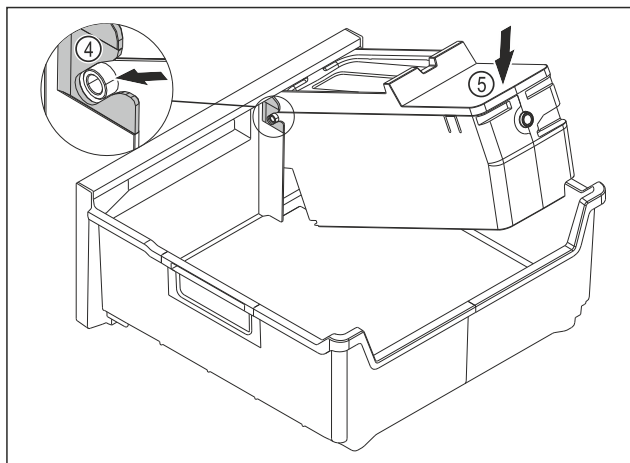


Fig. 95

- ▶ Installing the EasyTwist-Ice body: Insert the axes of the EasyTwist-Ice body into the guides Fig. 95 (4).
- ▶ Press down the EasyTwist-Ice body Fig. 95 (5) at the rear.
- ▷ The EasyTwist-Ice body snaps in audibly.

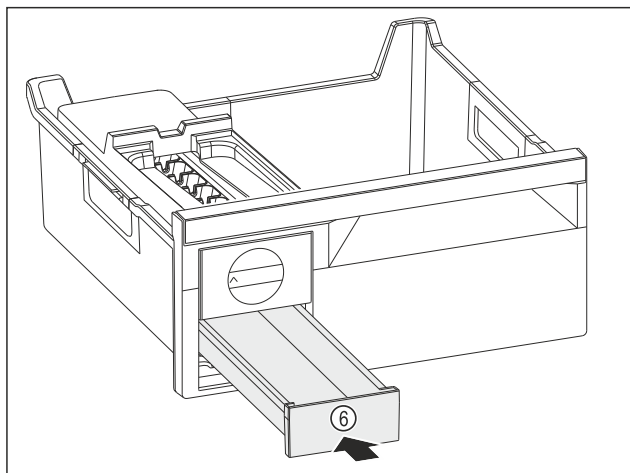


Fig. 96

- ▶ Insert the ice cube tray Fig. 96 (6).



WARNING

Risk of poisoning due to contaminated water!
▶ Fill the water tank with potable water only.

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

9.4.7 After cleaning

- ▶ Wipe dry the appliance and items of equipment
- ▶ Connect and switch on the appliance.
- ▶ Activate SuperFrost (see 7.2 Appliance functions). When the temperature is sufficiently cold
- ▶ Place the food inside.
- ▶ Repeat cleaning regularly.

10 Customer support

10.1 Technical specifications

Temperature zone	
Cool:	2 °C to 9 °C
Freezing	-26 °C to -15 °C

Maximum freezing quantity/24 h	
Freezer	See "Freezing capacity .../24 h" on the type plate

Max. equipment capacity			
Equipment	Appliance width 550 mm (see installation instructions, appliance dimensions)	Appliance width 600 mm (see installation instructions, appliance dimensions)	Appliance width 700 mm (see installation instructions, appliance dimensions)
Drawer on glass shelf (see 8.5.1 Drawer on appliance base or glass shelf)	12 kg	15 kg	--

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

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

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

10.2 Operating noises

The appliance makes noises while in operation.

- At **less cooling output** the appliance saves energy but takes longer to cool items. The volume is **lower**.
- At **a higher cooling output** the food cools more quickly. The volume is **higher**.

Examples:

- Activated functions (see 7.2 Appliance functions)
- Running fan
- Freshly sorted food
- High ambient temperature
- Door opened for long periods

Noise	Possible cause	Type of noise
Bubbling and splashing	Coolant is flowing into the cooling circuit.	Normal noise
Spitting and hissing	Coolant is spraying into the cooling circuit.	Normal noise
Humming	The appliance cools. The volume depends on the cooling output.	Normal noise
Whirring and murmuring	The fan is running.	Normal operating noise
Clicking	Components are being switched on and off.	Normal switching noise
Rattling or humming	Valves are active.	Normal switching noise

Noise	Possible cause	Type of noise	How to resolve
Vibration	Unsuitable setup	Error noise	Adjust the feet to make sure the appliance is horizontal.
Clattering	Equipment, Objects inside the appliance	Error noise	Secure equipment parts. Leave a gap between items.

10.3 Technical faults

Your appliance is designed and manufactured for reliable operation and a long service life. If a malfunction nonetheless occurs during operation, please check whether the malfunction is due to an operating error. In this case, you will have to be charged for the costs incurred, even during the warranty period.

You may be able to rectify the following faults yourself.

10.3.1 Appliance function

Defect	Cause	Remedy
The appliance does not work.	→ The appliance is not switched on.	► Switch on the appliance.
	→ The power plug is not properly inserted in the wall socket.	► Check the power plug.
	→ The powerfuse in the wall socket is not OK.	► Check the fuse.
	→ Power failure.	► Keep the appliance closed.

Customer support

Defect	Cause	Remedy
		▶ Protect your food: Lay freezer packs on top of the food or use another freezer if the power is off for a prolonged period. ▶ Do not re-freeze defrosted food.
	→ The appliance connector is not correctly inserted in the appliance.	▶ Check the appliance connector.
The temperature is not cold enough	→ This means that the door of the appliance is not closed properly	▶ Close the appliance door
	→ Insufficient ventilation	▶ Clear and clean the ventilation grille.
	→ The ambient temperature is too high	▶ Solution: (see 1.4 Range of appliance use) .
	→ The appliance was opened too frequently or for too long	▶ Wait to see if the required temperature corrects itself. If not, contact Customer Service. (see 10.4 Customer Service)
	→ Too much fresh food was placed inside without SuperFrost.	▶ Solution: (see SuperFrost)
	→ The temperature is incorrectly set	▶ Set to a colder temperature and check after 24 hours.
	→ The appliance is too near to a heat source (stove, heater etc).	▶ Change location of appliance or the heat source.
The door seal is defective or should be replaced for other reasons.	→ The door seal is interchangeable. You can replace it without the use of any special tools.	▶ Contact Customer Service. (see 10.4 Customer Service)
The appliance is iced up or condensation is building.	→ The door seal may have slipped out of its groove.	▶ Check the door seal is well placed in the groove.
The outside surfaces of the appliance are hot*.	→ The heat of the refrigerant circuit is used to prevent condensate from forming	▶ This is normal.

10.3.2 Equipment

Defect	Cause	Remedy
The interior light does not turn on.	→ The appliance is not switched on.	▶ Switch on the appliance.
	→ The door was open for longer than 15 min.	▶ The interior light automatically switches itself off if the door stays open for approx. 15 min.
	→ 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 support) . If you cannot rectify the problem, contact Customer Service.

You can find the address in the enclosed brochure "Liebherr-Service" or at home.liebherr.com/service.



WARNING

Unprofessional repair!
Injuries.

- ▶ Repairs and work on the appliance and the power supply cable not described in the Manual (see 9 Maintenance) should only be carried out by a qualified service provider.
- ▶ A damaged power cable may only be replaced by the manufacturer, the manufacturer's Customer Service or a similarly qualified person.
- ▶ For appliances with an IEC connector, the change can be made by the customer.

10.4.1 Contacting Customer Service

Make sure that the following appliance information is available:

- ☐ Appliance name (model and index)
- ☐ Service no. (service)
- ☐ Serial no. (S no.)
- Call up the appliance information via the display. (see Info)
- or-
- Refer to the type plate for appliance information. (see 10.5 Rating plate)
- Take note of the appliance information.
- Notify customer service: Report errors and the appliance information.
- ▷ This will help us give you fast and accurate support.
- Follow further instructions from Customer Service.

10.5 Rating plate

The nameplate is located behind the drawers on the inside of the appliance.

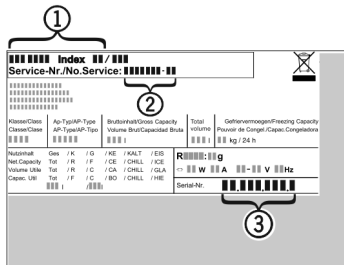


Fig. 97

- (1) Appliance name
- (2) Service no.
- (3) Serial no.

- Information from the nameplate.

11 Decommissioning

- Empty appliance.
- Switch off appliance. (see Turn off appliance)
- Pull out the power plug.
- Remove the appliance connector if necessary: Pull it out and, at the same time, move it from the left to the right.
- Clean appliance. (see 9.4 Cleaning the appliance)
- Leave the door open to prevent bad smells

12 Disposal

12.1 Preparing appliance for disposal



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 the old appliances. If your appliance contains batteries, a corresponding notice is attached to the appliance.

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

- Take the appliance out of operation.
- Appliance with batteries: Remove the batteries. For description, see **Maintenance** chapter.
- If possible: Remove lamps without destroying them.

12.2 Disposing of the appliance in an environmentally friendly manner



The appliance still contains valuable materials and must be collected separately from unsorted municipal waste so it can be recycled.



Dispose of batteries separately from the old appliance. You can do this by returning the batteries free of charge to retailers or taking them to recycling centers and collection centers for recyclable materials.

Lamps

Dispose of removed lamps via the respective collection systems.

For Germany:

You can dispose of the appliance free of charge via the class 1 collection containers at the local recycling and recyclable material collection centers. When purchasing a new fridge/freezer, if the sales area > 400 m², retailers will also take back the old appliance free of charge.



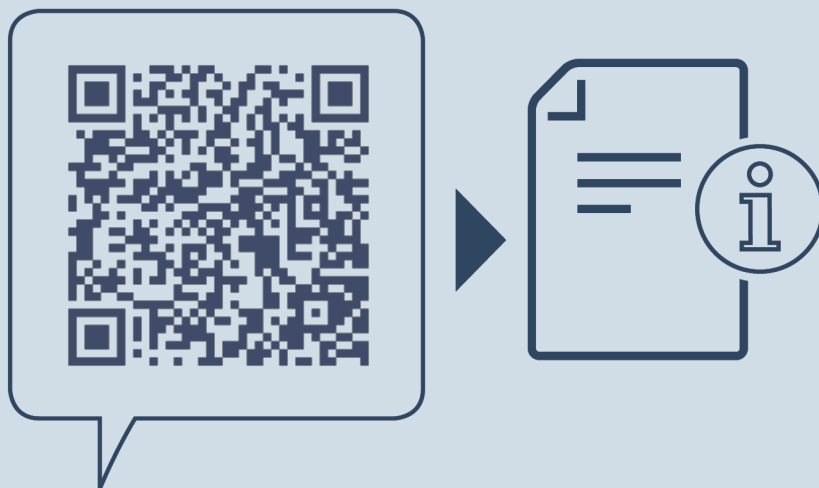
WARNING

Leaking refrigerant and oil!

Fire. The refrigerant contained within the appliance is environmentally friendly, but flammable. The oil contained within the appliance is flammable. Escaping refrigerant and oil can ignite if they are of high enough concentration and are exposed to an external heat source.

- Do not damage the pipelines of the coolant circuit and the compressor.

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



home.liebherr.com/fridge-manuals

EN Combined fridge-freezer

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