



User Guide

Quality, Design and Innovation



home.liebherr.com/fridge-manuals



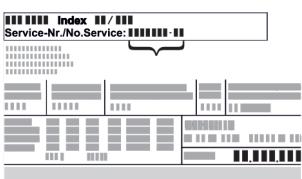
LIEBHERR

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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.
	Additional information online The digital manual with supplemental information and in additional languages can be found online by scanning the QR code on the front page of this manual 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.

Open-source licenses:

The appliance includes software components that make use of open-source licenses. You can find information on the open-source licenses to be used here: home.liebherr.com/open-source-licenses

These operating instructions apply to:

ICN..i	51..
SICN..i	51..
ICNbSci	51..

Note

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

1 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 is suitable for use by children and persons with reduced physical, sensory or mental capacities or lack of experience and skills provided they are supervised or have been instructed on the safe use of the appliance and understand the hazards involved.
Children must not play with the appliance. Children must not be allowed to clean or perform any user maintenance without supervision. Children between the ages of 3-8 must not load or unload the appliance. Keep children under the age of 3 away from the appliance if they are not consistently 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.
- Only install, connect and dispose of the appliance in accordance with the instructions.
- Only operate the appliance after it has been installed.
- The manufacturer is not liable for damage arising from incorrect connection to the water supply.*

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.

The appliance at a glance

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:

	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.

2 The appliance at a glance

2.1 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:

- Integrated appliance
- Equipment (depending on your model)
- Installation parts (depending on your model)
- "Quick Start Guide"

- "Installation Guide"

- Service brochure

2.2 Overview of appliances and equipment

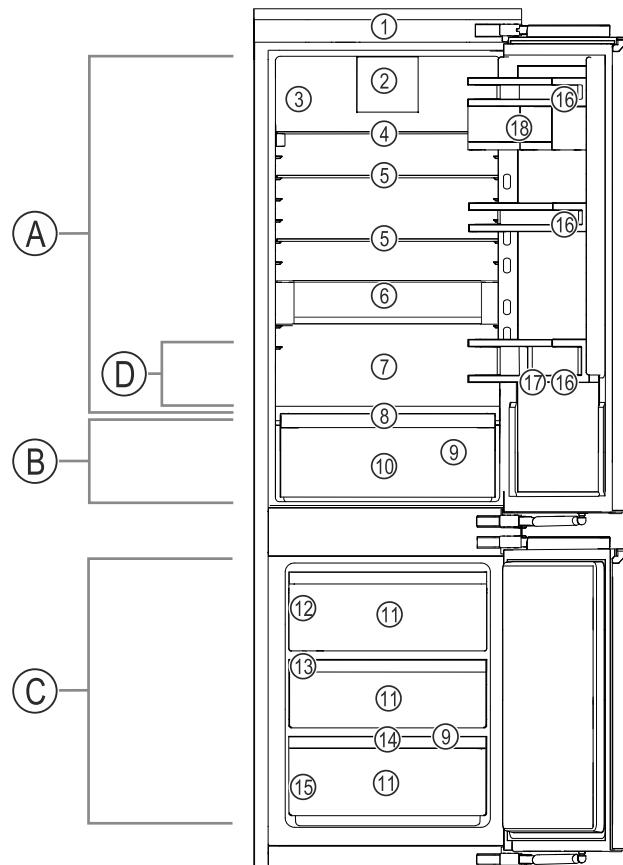


Fig. 1 Example illustration

Temperature range	
(A) Fridge compartment	(C) Freezer compartment
(B) EasyFresh	(D) Coldest zone
Equipment	
(1) Controls	(10) EasyFresh-Safe
(2) Fan with FreshAir activated charcoal filter	(11) Freezer drawer
(3) Dry rear wall	(12) IceMaker*
(4) Separable storage shelf	(13) VarioSpace
(5) Storage shelf	(14) Freezer tray*
(6) VarioSafe	(15) Nameplate
(7) Space for baking tray	(16) Door racks
(8) Cover for EasyFresh-Safe	(17) Bottle holder
(9) Drain hole	(18) VarioBoxes

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.

2.3 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.

Functionality of the Touch & Swipe display

With the SmartDevice app, you can operate your appliance from a mobile device. Additional functions and setting options are available in the SmartDevice app.

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



More information smartdevice.liebherr.com
about SmartDevice:

Downloading the SmartDevice app:



After you have installed and configured the SmartDevice app, you can connect your appliance to your WLAN using your SmartDevice app the WLAN device function (see WiFi).

Note

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

2.4 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.

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

Climate rating	for ambient temperatures from
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

2.5 Conformity

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

For the EU The appliance complies with directive 2014/53/EU.

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

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

2.6 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

2.7 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.

2.8 Spare parts

Spare parts for functional and storable parts of the equipment are available for 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.

Functionality of the Touch & Swipe display

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.
	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 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.

Menu	Description
	The Settings menu contains additional appliance functions for setting up your appliance.
Advanced menu	The advanced menu contains special appliance functions for setting up your appliance. Access to the Advanced menu is protected by the numerical code 151 .

3.2.1 Opening the Settings menu

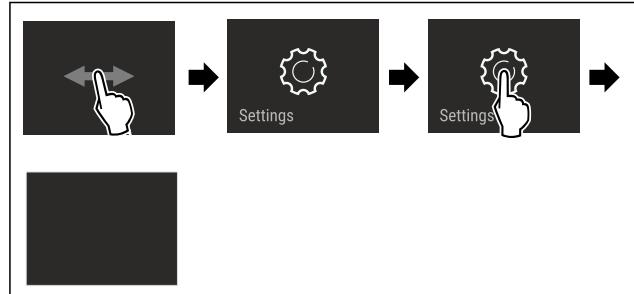


Fig. 2 Example illustration

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

3.2.2 Opening expanded menu

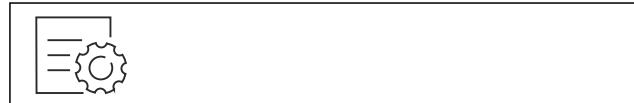


Fig. 3

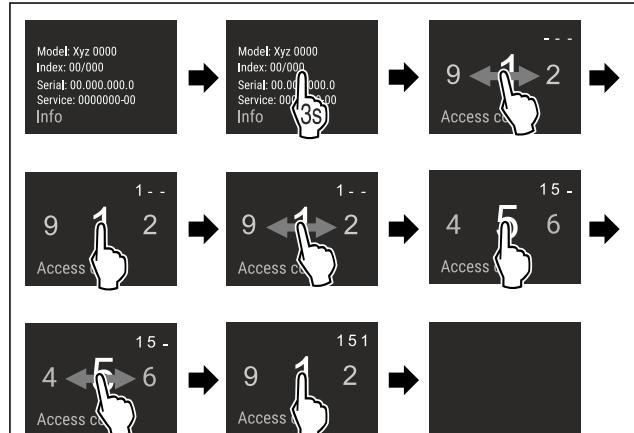


Fig. 4 Example illustration, access with numerical code 151

- 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

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

4 Start-up

4.1 Switching on appliance (first use)

Make sure that the following requirements are fulfilled:

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

Switch on the appliance using the Touch & Swipe display.

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

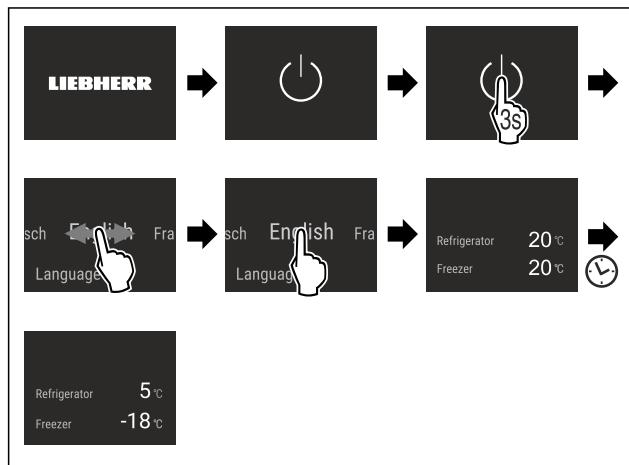


Fig. 5 Example illustration

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

More information:

- Start the IceMaker for the first time. (see 4.2 Starting the IceMaker for the first time*) *
- Start the SmartDevice for the first time. (see 2.3 SmartDevice) and (see WiFi)

Note

The manufacturer recommends:

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

Note

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

4.2 Starting the IceMaker for the first time*

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

Make sure that the following requirements are fulfilled:

- The water supply has been connected. See Installation Guide or mounting instructions.*
- The appliance is properly installed and connected.
- Clean the IceMaker. (see 9.5.5 Cleaning the IceMaker*) *

5 Storage

5.1 Information regarding storage



WARNING

Risk of fire from electrical appliances!

If you use electrical devices in the food area of your appliance, they may cause a fire.

- Do not use electrical devices in the food area of the appliance if they have not been 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 fan 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 2.2 Overview of appliances and equipment)

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 refrigerated goods and the frequency with which it is opened. You can control the humidity. (see 8.7 Lid for EasyFresh-safe)

Energy saving

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 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. As soon as the appliance automatically deactivates SuperFrost you can begin rearranging your food items.
Maximum amount of food to freeze	Activate SuperFrost about 24 hours before freezing. As soon as the appliance automatically deactivates SuperFrost you can begin rearranging your food items.

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	Distribute packaged groceries throughout all drawers. 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. 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.

5.4.3 Freezer tray*

You can freeze berries, herbs, vegetables and other small frozen food in the freezer tray without it all freezing together. The frozen food is less likely to get squashed and subsequent portioning is easier.

In addition, you can store the cold storage accumulators in the freezer tray to save space.

- Distribute food on the freezer tray without packaging and well spaced out.

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 an area with direct sunlight, next to a heating unit or similar.
- If you install the appliance directly next to an oven, its energy consumption may increase slightly. This depends on the service life and how often the oven is used.
- Energy consumption depends on installation conditions such as the ambient temperature (see 2.4 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

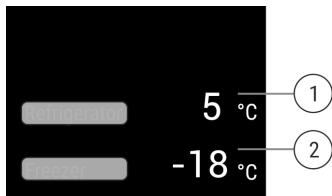


Fig. 6 Status display shows the actual temperature.

(1) Fridge compartment temperature display (2) Freezer compartment temperature display

The status display shows the actual temperature and is the initial display. You can navigate from there to the functions 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 temperature is reached.
	Flashing symbol Appliance is working. Setting is made.

7.2 Appliance functions

7.2.1 Notes on the appliance functions

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

Before you alter, activate or deactivate the appliance 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 familiarized yourself with the operating and display elements of your appliance.



Switching appliance off and on

This function switches the entire appliance on and off.

Switching off the appliance

If you switch off the appliance, the settings that were made before remain stored.

Make sure that the following requirements are fulfilled:

- Handling instructions (see 11 Decommissioning) have been completed.

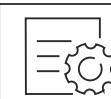


Fig. 7



Fig. 8

- Carry out action steps according to the illustration.
- Appliance is switched off.
- Standby symbol appears in the display.
- Display turns black.

Switching on the appliance

If the display is in sleep mode:

- Briefly touch the display.

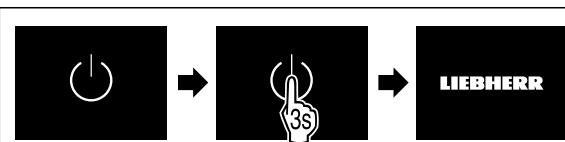


Fig. 9 Example illustration

- Carry out action steps according to the illustration.
- If the appliance starts in demo mode:
- Deactivate demo mode. (see Deactivating demo mode)
- Appliance is switched on.
- Previously made settings are re-established.
- The appliance cools to the set target temperature.



Switching temperature zone off and on

You can switch temperature zones of the appliance off independently.

Showing information about the WiFi connection



Fig. 18

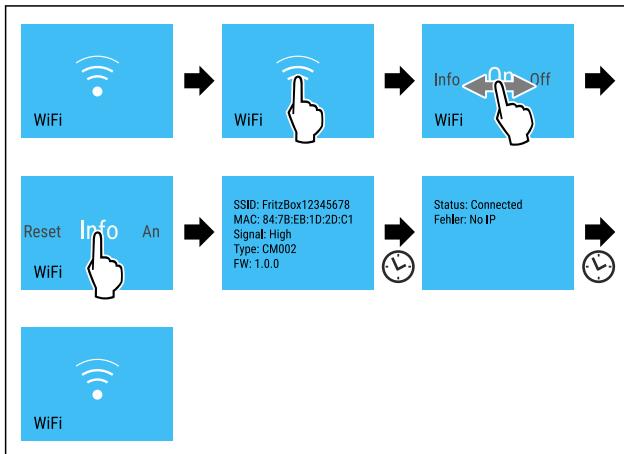


Fig. 19

► 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
- The room temperature of the installation site
- Type, temperature and amount of food

Temperature zone	Factory-set temperature	Recommended setting
5 °c Fridge section	5 °C	4 °C
-18 °c Freezer section	-18 °C	-18 °C

Setting the temperature in the fridge section

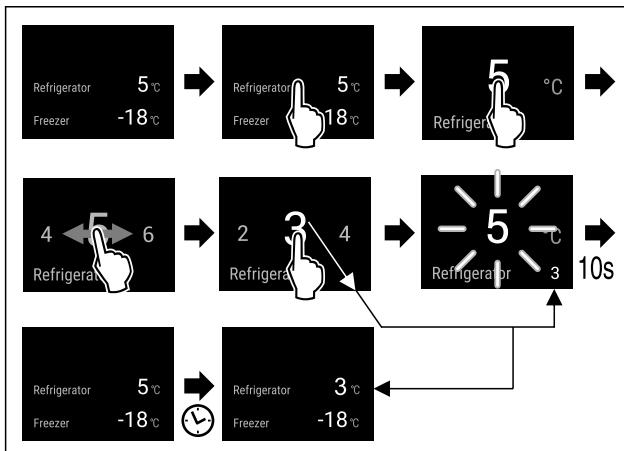


Fig. 20 Example illustration

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

Setting the temperature in the freezer section

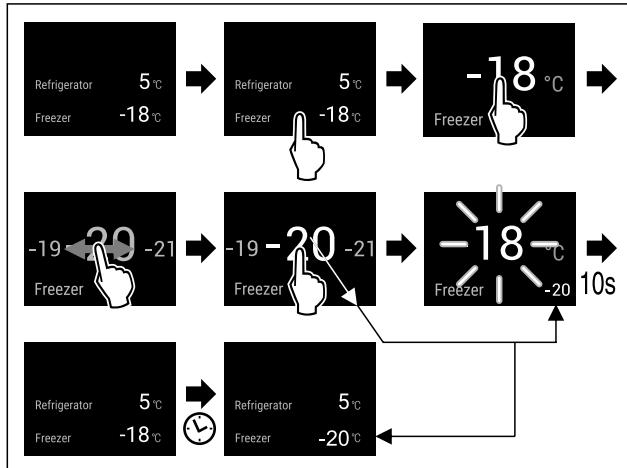


Fig. 21

► 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

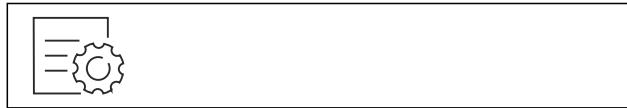


Fig. 22

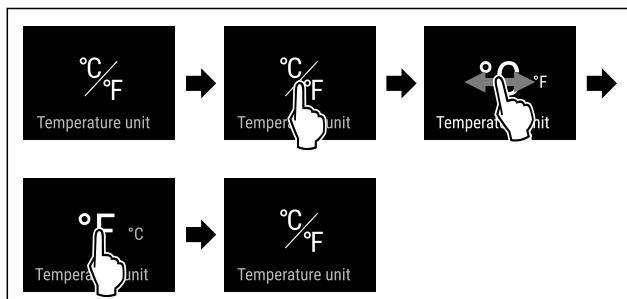


Fig. 24 Example illustration: Switching between degrees Celsius or degrees Fahrenheit.

► 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 9.5.3 Cleaning the dry rear panel) To operate the appliance without rear wall, you must set the D-Value to D2.

Use

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. 25

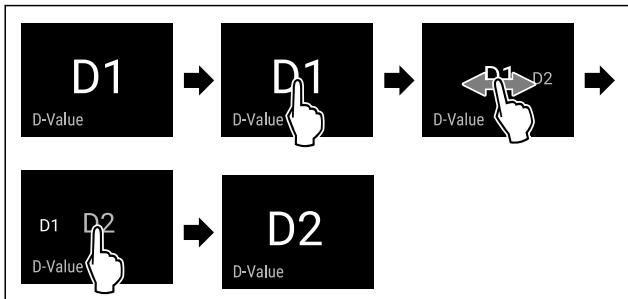


Fig. 27 Example illustration: Switching from D1 to D2.

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



SuperCool

This function activates or deactivates SuperCool. If you activate SuperCool the appliance increases the cooling capacity. This allows you to achieve lower cooling temperatures. You can activate SuperCool if you want to quickly cool large volumes of food.

If the function is active, the appliance operates at a higher output. As a result, the operating noise of the appliance may be temporarily louder, while energy consumption increases.

Activating SuperCool

Time for activating the function:

- If you want to store fresh food in the fridge section: Activate the function when storing food.

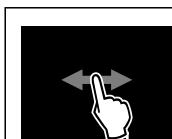


Fig. 28

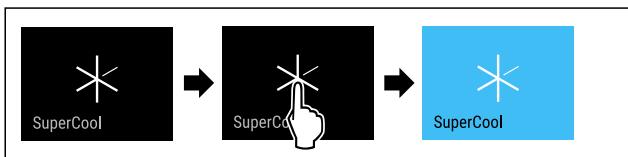


Fig. 29

- Carry out action steps according to the illustration.
- or-
- Activating with the SmartDevice app.
- SuperCool is activated.
- Temperature display turns blue.

Deactivating SuperCool

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

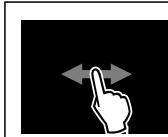


Fig. 30



Fig. 31

- Carry out action steps according to the illustration.
- or-
- Deactivating with the SmartDevice app.
- SuperCool is deactivated.
- Appliance continues to run in normal operation.
- The appliance first cools to the set temperature.



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.

If the function is active, the appliance operates at a higher output. As a result, the operating noise of the appliance may be temporarily louder, while energy consumption increases.

Activating PowerCool

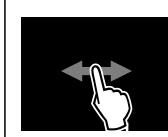


Fig. 32

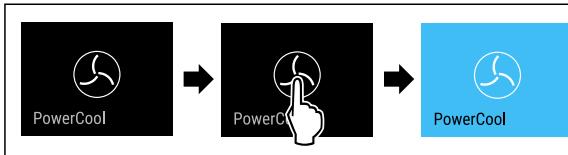


Fig. 33

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

Deactivating PowerCool



Fig. 34

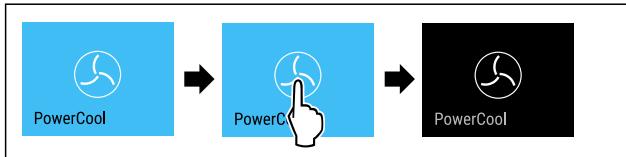


Fig. 35

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



VarioTemp

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

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

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

Activating VarioTemp

Make sure that the following requirements are fulfilled:

- The IceMaker has been cleaned. (see 9.5.5 Cleaning the IceMaker*) *



WARNING

Danger of food poisoning!

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



Fig. 36

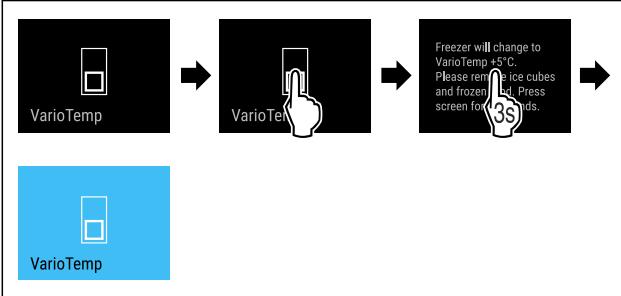


Fig. 37

- Carry out steps according to the illustration.
- VarioTemp is activated.
- IceMaker is deactivated.*
- VarioTemp is set to the preselected value.
- The status display does not show the set temperature until it is reached.

Adjusting VarioTemp

Make sure that the following requirements are fulfilled:

- The VarioTemp has been activated. (see Activating VarioTemp)



WARNING

Danger of food poisoning!

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

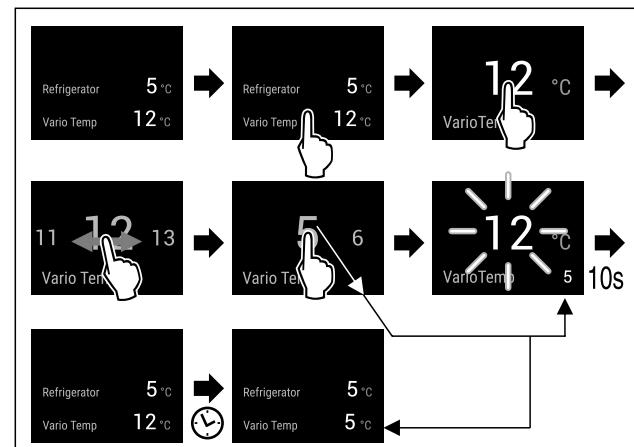


Fig. 38 Example illustration: Change VarioTemp from 12 °C to 5 °C for a fridge-freezer combination with EasyFresh.

- Carry out steps according to the illustration.
- VarioTemp is adjusted.
- The status display does not show the new set temperature until it is reached.

Deactivating VarioTemp



Fig. 39

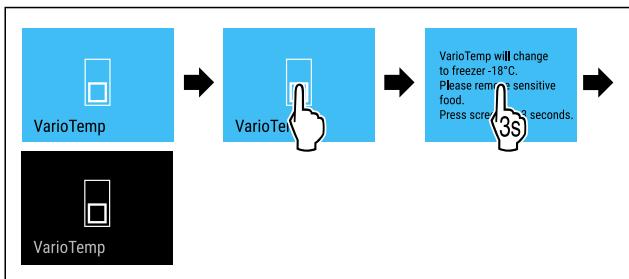


Fig. 40

- ▶ Carry out steps according to the illustration.
- ▶ VarioTemp is deactivated.
- ▶ The freezer compartment is cooled to the preset temperature.

* * SuperFrost

This function activates or deactivates SuperFrost. Activating SuperFrost the appliance increases the freezing capacity. This allows you to achieve lower freezer temperatures.

Application:

- Quickly freezing fresh food through to the core. This ensures that the nutrition value, look, and taste of the food is preserved.
- Increasing cold reserves in stored frozen food before defrosting the appliance.

If the function is active, the appliance operates at a higher output. As a result, the operating noise of the appliance may be temporarily louder, while energy consumption increases.

Activating SuperFrost

Make sure that the following requirements are fulfilled:

- The freezing volume and time for SuperFrost activation are taken into account. (see Freezing food using SuperFrost)
- VarioTemp is deactivated. (see VarioTemp)



Fig. 41



Fig. 42

- ▶ Carry out action steps according to the illustration.

-or-

- ▶ Activating with the SmartDevice app.

- ▶ SuperFrost is activated.

- ▶ Temperature display turns blue.

Deactivating SuperFrost

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



Fig. 43



Fig. 44

- ▶ Carry out action steps according to the illustration.
- or-
- ▶ Deactivating with the SmartDevice app.
- ▶ SuperFrost is deactivated.
- ▶ Appliance continues to run in normal operation.
- ▶ The appliance first cools to the set temperature.

* * Start defrost cycle

Use this function to start the automatic defrost cycle manually if the defrost cycle does not start automatically in case of an error.

Starting the defrost cycle



Fig. 45

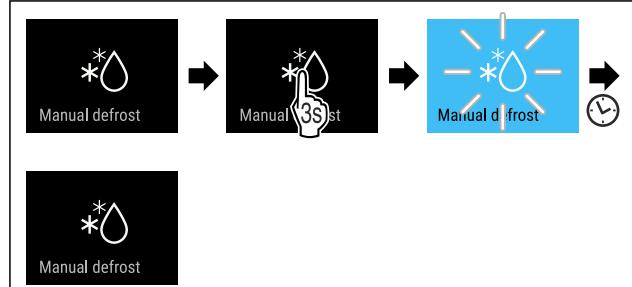


Fig. 46

- ▶ Carry out action steps according to the illustration.
- ▶ Defrost cycle has started: Symbol flashes until the defrost cycle is automatically completed.
- ▶ When the defrost cycle is completed: Appliance continues to run in normal operation.

Cancelling the defrost cycle

The defrost cycle is automatically completed. However, you can also cancel the defrost cycle at any time during the defrosting:

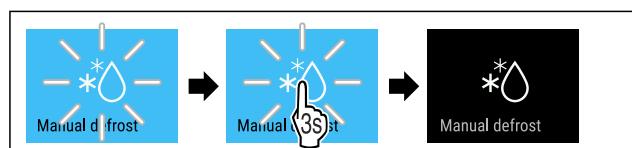


Fig. 47

- ▶ Carry out action steps according to the illustration.
- ▶ Defrost cycle is canceled.
- ▶ Appliance continues to run in normal operation.

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

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

If the function is active, the appliance operates at a higher output. As a result, the operating noise of the appliance may be temporarily louder, while energy consumption increases.

Activating PartyMode

Make sure that the following requirements are fulfilled:

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



Fig. 48



Fig. 49

- Carry out action steps according to the illustration.
- PartyMode and the corresponding functions are activated.
- Temperature display turns blue.
- 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. 50



Fig. 51

- 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

Use this function to activate or deactivate HolidayMode. If you activate HolidayMode the fridge section is set to 15 °C. This helps you save energy if you are away for a longer period of time and avoid bad smells and mold formation.

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

Activating HolidayMode

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



Fig. 52



Fig. 53

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

Deactivating HolidayMode

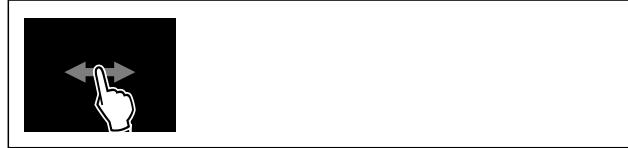


Fig. 54

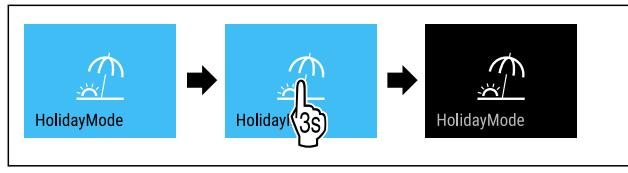


Fig. 55

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



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.

Appliance status with active SabbathMode	
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 IceMaker is out of order.*	
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. 56



Fig. 57

- 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. 58

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



EnergySaver

Use this function to activate or deactivate energy saving mode. If you activate energy saving mode, energy consumption drops and the temperature in the appliance increases. Food remains fresh, but shelf life is reduced.

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

Temperatures

Activating EnergySaver



Fig. 59

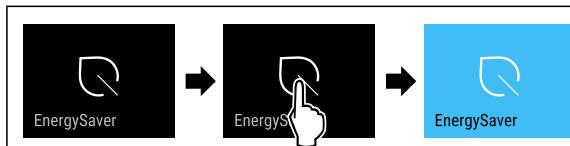


Fig. 60

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

Deactivating EnergySaver



Fig. 61

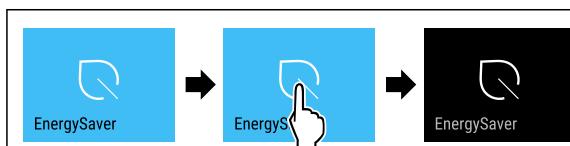


Fig. 62

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



IceMaker / MaxIce *

This function activates and deactivates the IceMaker that produces ice cubes. Use the MaxIce function to increase the amount of ice cubes that the IceMaker produces. MaxIce is automatically deactivated after 48 hours. However, you can also manually deactivate MaxIce at any time: (see Deactivating MaxIce)

More information on the number of ice cubes:	(see 10.1 Technical specifications)
----------------------------------------------	-------------------------------------

More information on the IceMaker water inflow:	(see 8.9 IceMaker water inflow*)
More information on cleaning the lines of the IceMaker:	(see TubeClean *)

If the function is active, the appliance operates at a higher output. As a result, the operating noise of the appliance may be temporarily louder, while energy consumption increases.

If you activate the VarioTemp function, the IceMaker is automatically deactivated. (see VarioTemp)

Activating IceMaker

Make sure that the following requirements are fulfilled:

- The water supply is established at the fixed water connection. See Assembly Manual.*
- IceMaker is put into operation. (see 8.9 IceMaker*)



Fig. 63

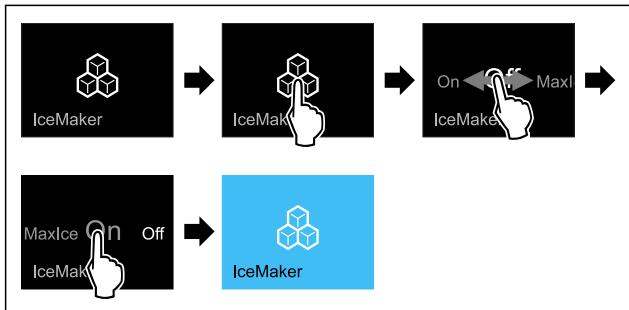


Fig. 64

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

Activating the IceMaker with MaxIce

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

- The water supply is established at the fixed water connection. See Assembly Manual.*
- IceMaker is put into operation. (see 8.9 IceMaker*)



Fig. 65

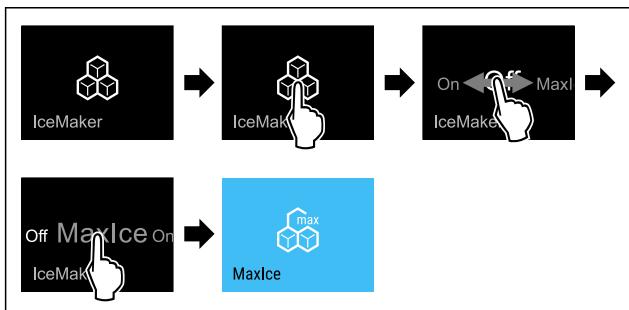


Fig. 66

- Carry out action steps according to the illustration.
- or-
- Activate with the SmartDevice app.
- The IceMaker is activated with MaxIce.

Changing between the IceMaker and MaxIce

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



Fig. 67

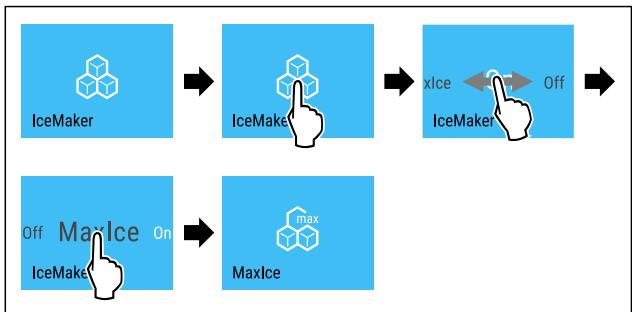


Fig. 68

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

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



Fig. 69

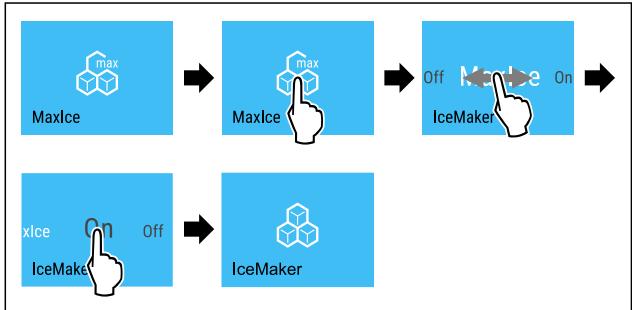


Fig. 70

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

Deactivating IceMaker and MaxIce



Fig. 71

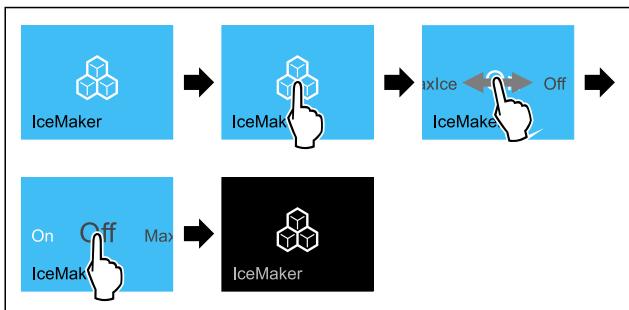


Fig. 72 Example illustration of the active IceMaker function

- Carry out action steps according to the illustration.
- or-
- Deactivate with the SmartDevice app.
- IceMaker and MaxIce are deactivated.
- If ice cubes are currently being made, the system completes the process.
- The IceMaker goes off automatically.

Deactivating MaxIce

- Activate IceMaker. (see Activating IceMaker)
- MaxIce is deactivated.
- IceMaker is activated.
- Deactivating IceMaker and MaxIce: (see Deactivating IceMaker and MaxIce)

5

IceMaker water inflow*

Set the water inflow with this function. The water inflow regulates the water inflow volume. You can adjust the water inflow if it does not match the water pressure and the size of the ice cubes dispensed.

Upon delivery, the water inflow is set to value 4. You can select a value of between 1 (smallest inflow volume) and 8 (largest inflow volume).

Setting the water inflow

Make sure that the following requirements are fulfilled:

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



Fig. 73

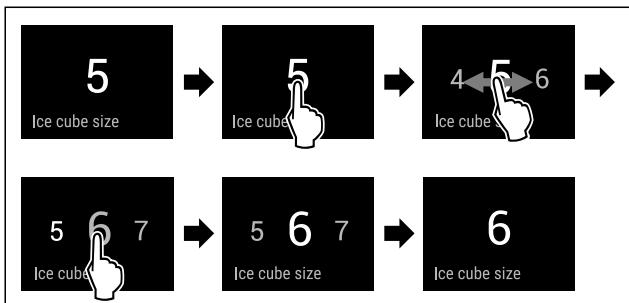


Fig. 74 Example illustration: Switching from value 5 to value 6.

- Carry out action steps according to the illustration.
- Water inflow is set.



TubeClean *

This function activates or deactivates TubeClean. Activating TubeClean cleans the IceMaker lines.

Activating TubeClean

- Make sure that the following requirements are fulfilled:
- IceMaker cleaning is prepared. (see 9.5.5 Cleaning the IceMaker*)
- Empty container with a capacity of 1.5 l and with a maximum height of 10 cm is ready.
- Place the container into the drawer below the IceMaker.

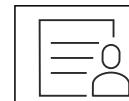


Fig. 75

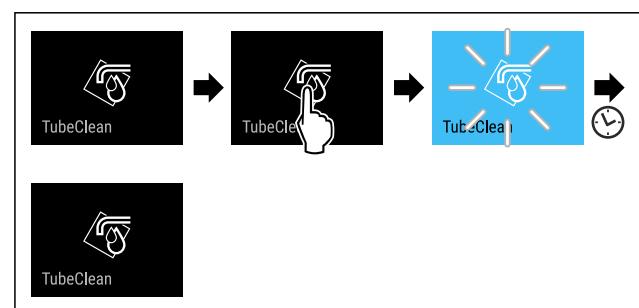


Fig. 76

- Carry out action steps according to the illustration.
- TubeClean is activated.
- Cleaning process has started: Symbol flashes until the cleaning process is automatically completed after 60 minutes.
- When the cleaning process is completed: Appliance continues to run in normal operation.

Deactivating TubeClean

TubeClean is automatically completed after 60 minutes. However, you can also deactivate TubeClean at any time during the cleaning process:

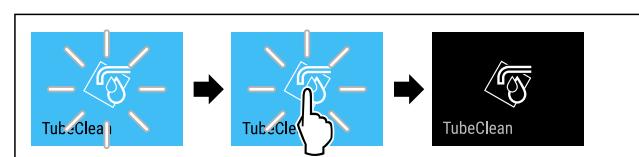


Fig. 77

- Carry out action steps according to the illustration.
- TubeClean is deactivated: Cleaning process is canceled.
- Appliance continues to run in normal operation.



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 9.5 Cleaning the appliance)

Appliance status with active CleaningMode

The status display continuously shows CleaningMode.

Appliance status with active 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. 78



Fig. 79

- 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. 80

- 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% (default setting)

Setting the brightness



Fig. 81

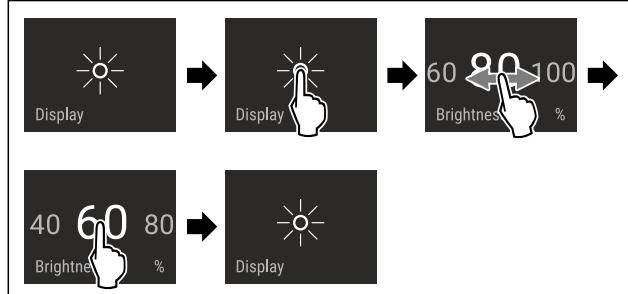


Fig. 82 Example illustration: Switching from 80 % to 60 %.

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



Door alarm

Use this function to activate or deactivate the door alarm. The door alarm sounds if the door is open for too long. The door alarm is activated upon delivery. You can set how long a door can remain open until the door alarm sounds.

You can set the following values:

- 1 minute
- 2 minutes
- 3 minutes
- Off

Setting the door alarm

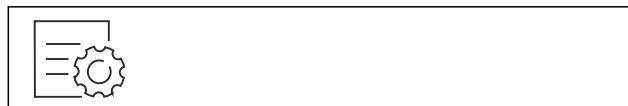


Fig. 83

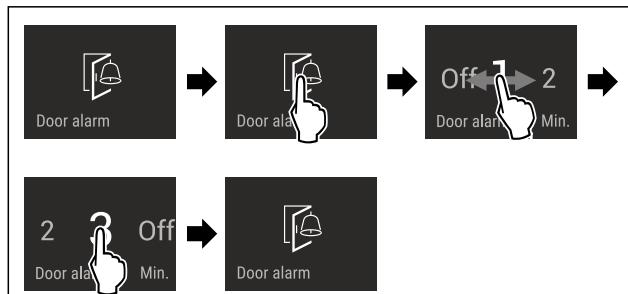


Fig. 84 Example illustration: Changing the door alarm from 1 minute to 3 minutes.

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

Deactivating door alarm



Fig. 85

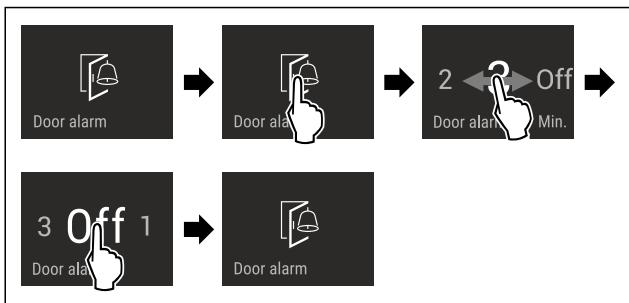


Fig. 87

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



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. 88

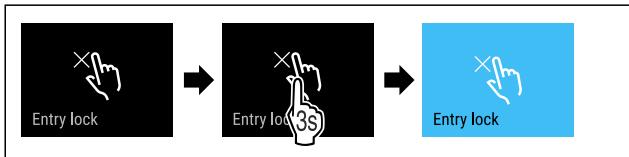


Fig. 89

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

Deactivating the input lock



Fig. 90

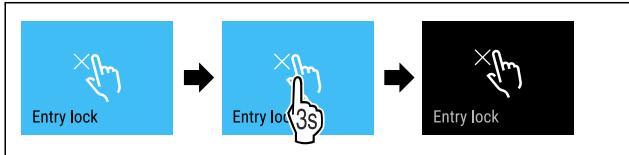


Fig. 91

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



Language

Use this function to set the display language.

You can set the following languages:

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

Setting the language

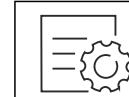


Fig. 92

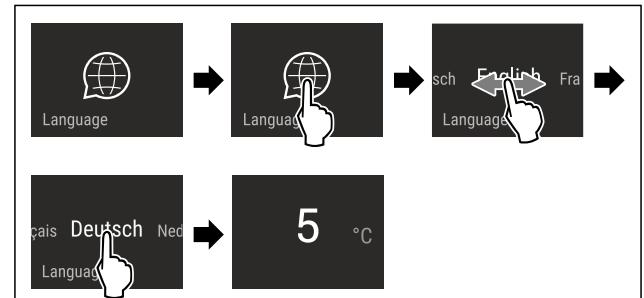


Fig. 93 Example illustration depending on the language and temperature

- ▶ Carry out action steps according to the illustration.
- ▶ Language is set.
- ▶ Display jumps back to the status display.



Appliance information

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

You also use this function to open the expanded menu. (see 3 Functionality of the Touch & Swipe display)

Display appliance information

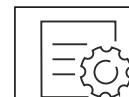


Fig. 94

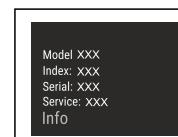


Fig. 95

- ▶ Carry out action steps according to the illustration.
- ▶ Display shows the appliance information.



Software

Use this function to display the software version of your appliance.

Display software version



Fig. 96



Fig. 97

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



Reminder

Use this function to activate or deactivate reminder. This function is activated upon delivery.

The following reminders will then appear if the function is activated:

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

Activating reminder



Fig. 98

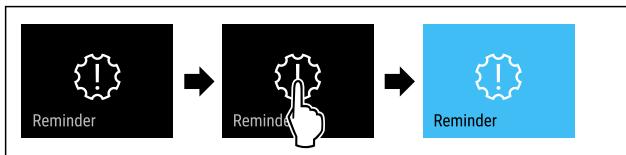


Fig. 99

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

Deactivating reminder



Fig. 100

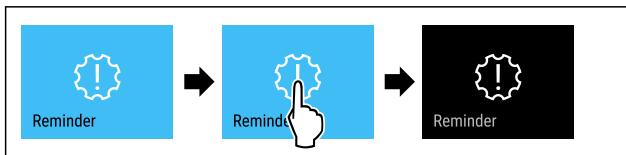


Fig. 101

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



Demo mode

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

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

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

Activating demo mode



Fig. 102

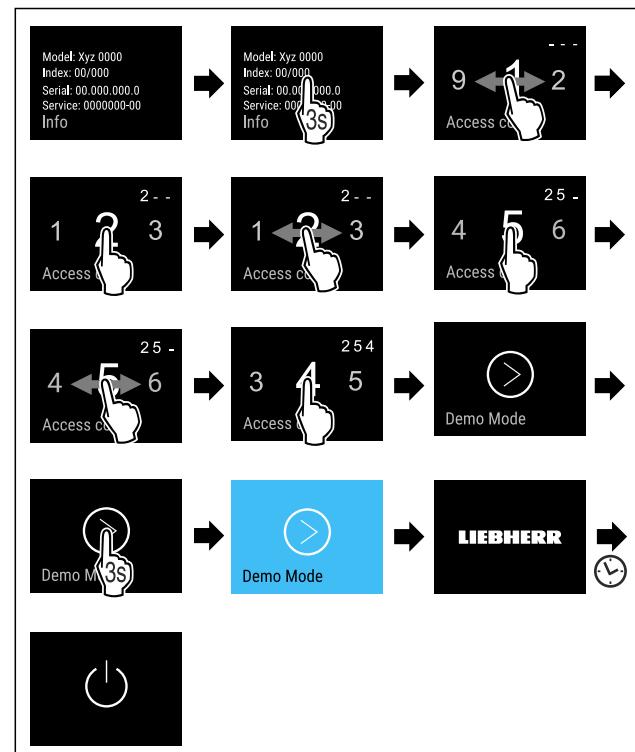


Fig. 103

- 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. 104

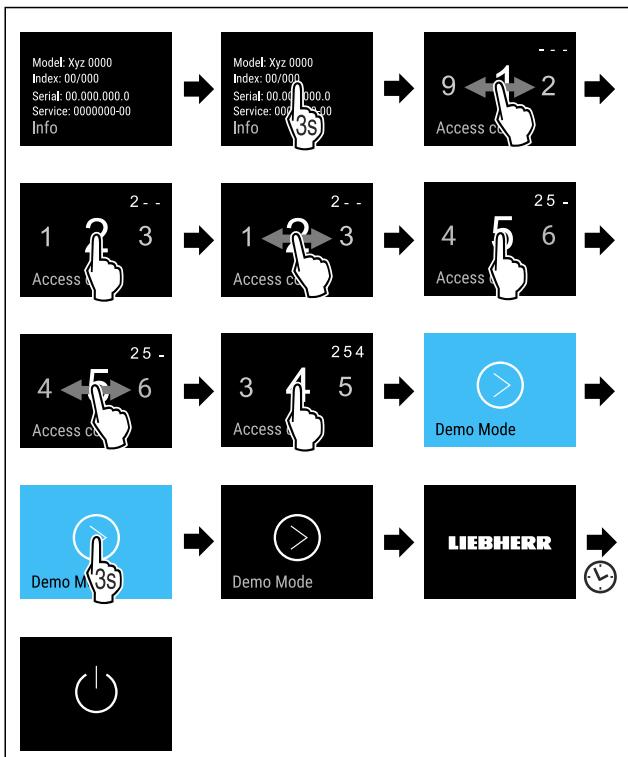


Fig. 105

- 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 settings. All settings you have made so far are reset to their original settings.

Performing a reset

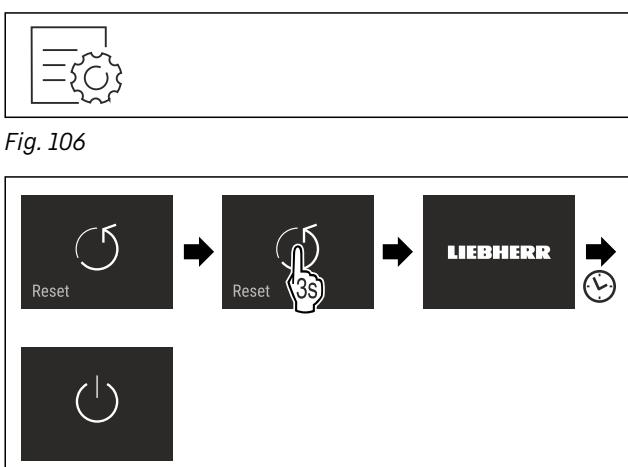


Fig. 106

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

7.3 Messages

There are two categories of messages:

Category	Meaning
Warning	Warnings are displayed if there is a door alarm or a malfunction. You can easily end warnings yourself. For any major malfunction, you must contact Customer Service. (see 10.4 Customer Service)
Reminder	Reminders remind you of general processes. You can perform these processes and end the message doing so.

7.3.1 Overview of warnings

The appliance's behavior in the event of a warning:

- Warning appears in the display in red.
- Alarm sounds in increasing volume.
- For some warnings the interior lighting pulses.

Message	Cause	Ending the message
 Close the door.	The message appears if the door is open for too long.	Carry out action steps (see Door alarm).
 Power failure	The message appears if the freezing temperature increases due to a power outage.	
 Temperature alarm	The message appears if the freezing temperature does not correspond to the set temperature.	Carry out action steps (see Temperature alarm).
 Error	This message appears if there is an appliance error. An appliance module indicates an error.	Carry out action steps (see Error).
 WiFi Error	This message appears if the appliance could not be connected to WLAN. (see Establishing the WiFi connection for the first time) This message only appears the first time the appliance is set up.	Carry out action steps (see WLAN error).

7.3.2 Ending warnings

Door alarm

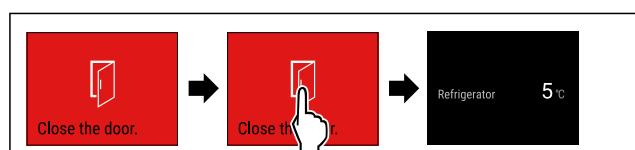


Fig. 108 Example illustration

► Carry out action steps according to the illustration.

-or-

► Close the door.

► Display skips to status display.

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

Power failure alarm

Once the power failure has ended, the appliance automatically cools to the target temperature set earlier without you having to confirm the message. But you must confirm it in order for the message to disappear on the display.

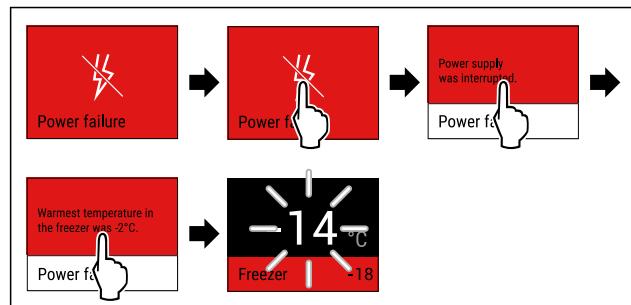


Fig. 109 Example illustration

- Briefly touch the display.
- Display shows information about the warning.
- Briefly touch the display.
- The warmest freezing temperature is displayed.
- If the freezing temperature was below -9 °C: Food can still be eaten.
- If the freezing temperature exceeded -9 °C:
- Check the food.
- Briefly touch the display.
- Display skips to status display: The current temperature and target temperature are displayed.

Temperature alarm

Causes for the temperature differences may be:

- You have put in warm, fresh food.
- Too much warm room air has flowed in during the rearrangement and removal of food.
- The power has been out for a longer period of time.
- The appliance is defective.
- Remedy the cause.
- The appliance cools to the target temperature set earlier:

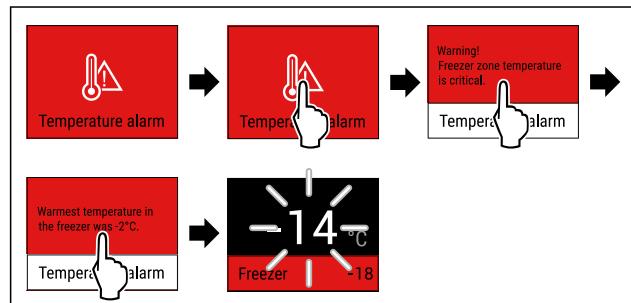


Fig. 110 Example illustration

- Briefly touch the display.
- Display shows information about the warning.
- Briefly touch the display.
- The warmest freezing temperature is displayed.
- If the freezing temperature was below -9 °C: Food can still be eaten.
- If the freezing temperature exceeded -9 °C:
- Check the food.
- Briefly touch the display.
- Display skips to status display: The current temperature and target temperature are displayed.

Error

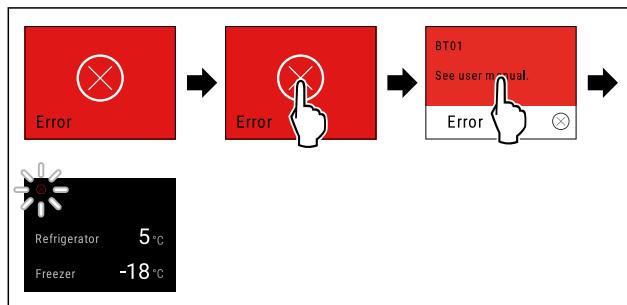


Fig. 111 Example illustration

- Briefly touch the display.
- Error code is displayed.
- Make a note of the error code.
- Briefly touch the display.
- Display skips to status display.
- Contact Customer Service. (see 10.4 Customer Service)

WLAN error

- Check the WLAN connection.
- Connect the appliance to the WLAN again. (see WiFi)

7.3.3 Overview of reminders

The appliance's behavior in the event of a reminders:

- Reminder appears in the display in yellow.
- Alarm tone sounds.
- For some reminders the interior lighting pulses.

You can deactivate the following reminders (see Deactivating reminder):

- Replace FreshAir activated charcoal filter

Message	Cause	Ending the message
No water *	This message appears if the IceMaker is active, but the IceMaker is no longer being supplied with water by a permanent water connection.*	Carry out action steps (see Check water connection*).
No Drawer *	This message appears if the IceMaker is active, but the IceMaker drawer is open.*	Carry out action steps (see Push in the IceMaker drawer*).
FreshAir filter	This message appears if you have to replace the FreshAir activated charcoal filter.	Carry out action steps (see Replace FreshAir activated charcoal filter).

Equipment

7.3.4 Ending reminders

Check water connection*

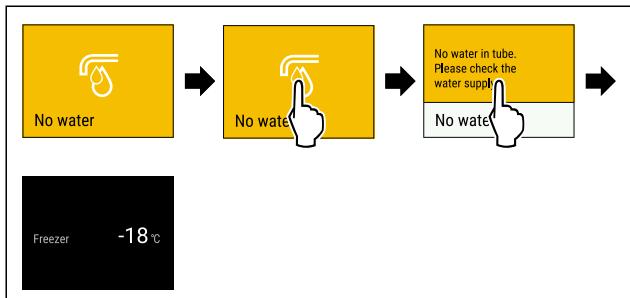


Fig. 112 Example illustration

- Briefly touch the display.
- Display shows information about the reminder.
- Briefly touch the display.
- Check the water connection.

-or-

- Deactivate IceMaker. (see Deactivating IceMaker and MaxIce)

If the water connection has been checked and IceMaker is activated:

- Clean the IceMaker. (see 9.5.5 Cleaning the IceMaker*)
- IceMaker is producing ice cubes.

Push in the IceMaker drawer*

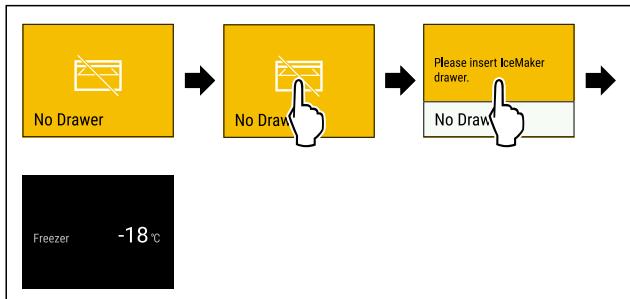


Fig. 113 Example illustration

- Briefly touch the display.
- Display shows information about the reminder.
- Briefly touch the display.
- Push in the IceMaker drawer.

-or-

- Deactivate IceMaker. (see IceMaker / MaxIce *)

► If the IceMaker drawer is pushed in and IceMaker is active: IceMaker is producing ice cubes.

Replace FreshAir activated charcoal filter

Liebherr recommends: Replace the FreshAir activated charcoal 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.

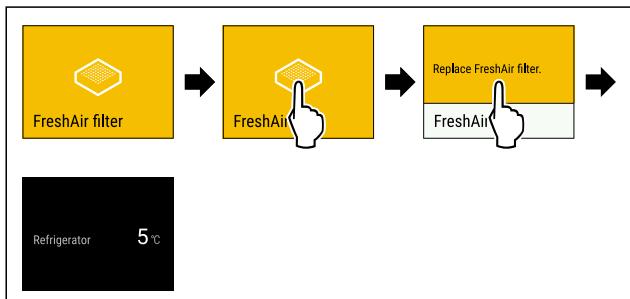


Fig. 114 Example illustration

- Briefly touch the display.
- Display shows information about the reminder.
- Briefly touch the display.
- Replace activated charcoal filter. (see 9.1 FreshAir carbon filter)
- The activated charcoal filter ensures optimum air quality in the refrigerator.
- Reminder appears again after 6 months.

If you no longer want to keep this reminder, you can deactivate the reminder. (see Deactivating reminder)

8 Equipment

8.1 Door racks

Door racks are suitable for storing beverages and food. You can move door racks for use as individually needed and disassemble them for cleaning. However, Liebherr recommends using the door racks in the position they are in when delivered from the plant.

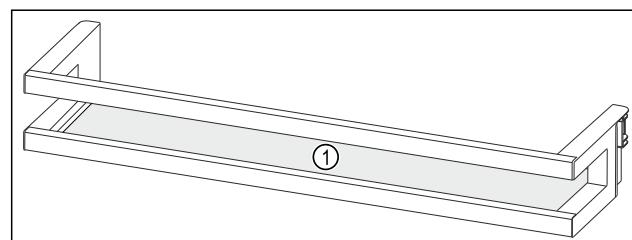


Fig. 115 Example illustration of the door racks
(1) Shelf

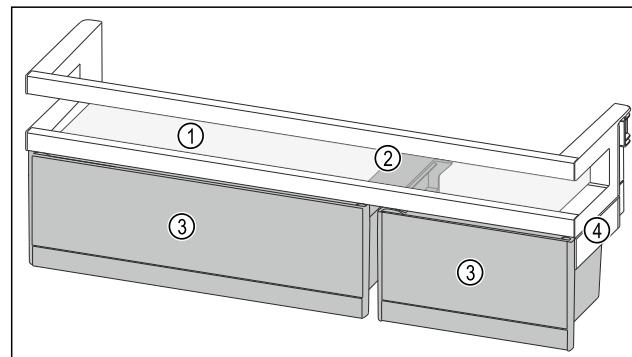


Fig. 116 Example illustration of door racks with VarioBoxes
(1) Shelf
(2) Retaining part for VarioBoxes
(3) VarioBoxes
(4) Side section

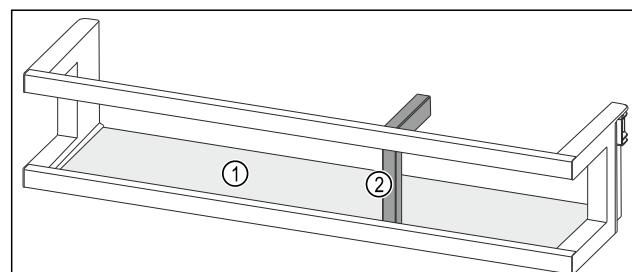


Fig. 117 Example illustration of the door racks with bottle holder
(1) Shelf
(2) Bottle holder

The following table shows examples of what you can store in each door rack. Here, make sure that you do not exceed the maximum loading weight for the door.

Door racks	Food
Door racks (see Fig. 115)	Butter, cheese, canned food, tubes
Door racks with bottle holder (see Fig. 117)	Bottles Use the movable bottle holder to secure the bottles in the door rack.
Door racks with VarioBoxes (see Fig. 116)	small food items

8.1.1 Removing the VarioBoxes

You can use either one or both VarioBoxes. If you want to place especially high bottles in the door rack below the door rack with VarioBoxes, you can remove one or both VarioBoxes.

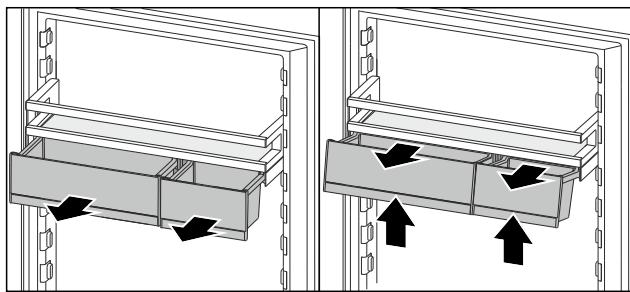


Fig. 118

- ▶ Pull out the VarioBoxes as far as they go.
- ▶ Lift VarioBoxes at the front.
- ▶ Take the VarioBoxes out to the front.

8.1.2 Removing the door rack

Make sure that the following requirements are fulfilled:

- VarioBoxes are removed. (see 8.1.1 Removing the VarioBoxes)

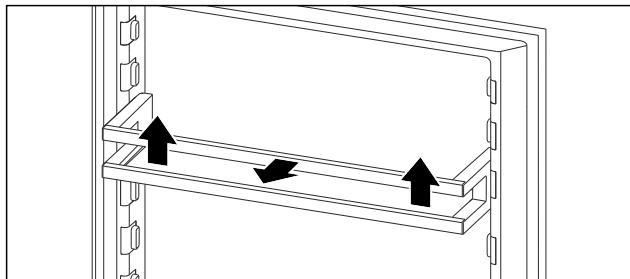


Fig. 119 Example illustration

- ▶ Move the door rack up.
- ▶ Move the door rack to the front.

8.1.3 Inserting the door rack

Make sure that the following requirements are fulfilled:

- VarioBoxes are removed. (see 8.1.1 Removing the VarioBoxes)

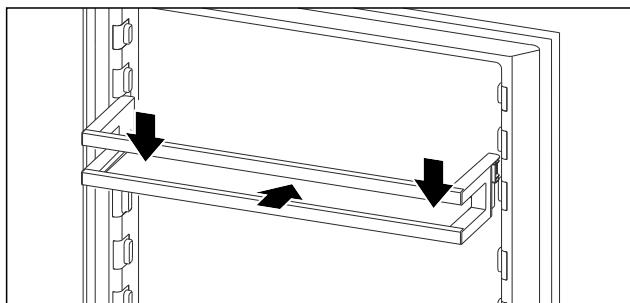


Fig. 120 Example illustration

- ▶ Insert the door rack.
- ▶ Press the door rack down.

8.1.4 Inserting the VarioBoxes

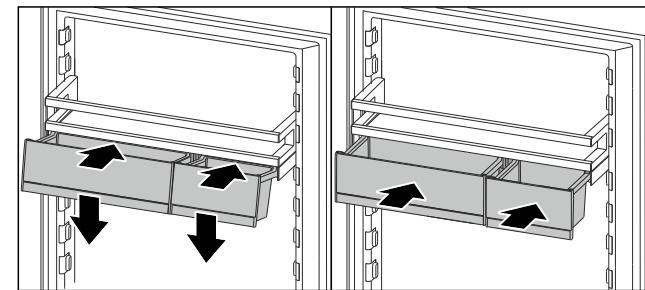


Fig. 121

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

8.1.5 Repositioning the VarioBoxes

Make sure that the following requirements are fulfilled:

- VarioBoxes are removed. (see 8.1.1 Removing the VarioBoxes)
- Door rack is removed. (see 8.1.2 Removing the door rack)

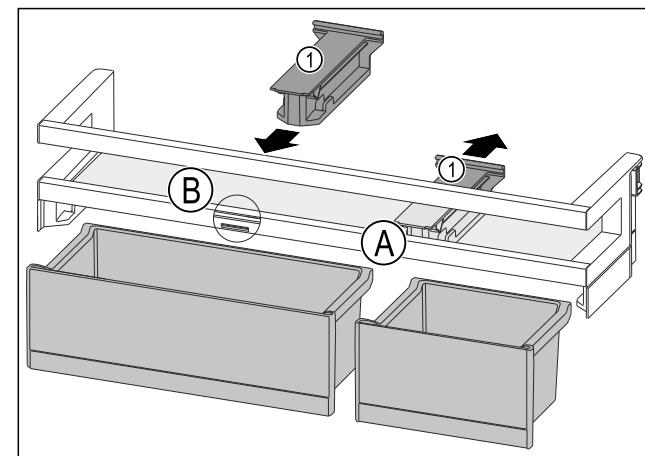


Fig. 122

- ▶ Pull off the retaining part Fig. 122 (1) in position Fig. 122 (A) downward.
- ▶ Insert the retaining part Fig. 122 (1) in position Fig. 122 (B).
- ▶ Insert the door rack. (see 8.1.3 Inserting the door rack)

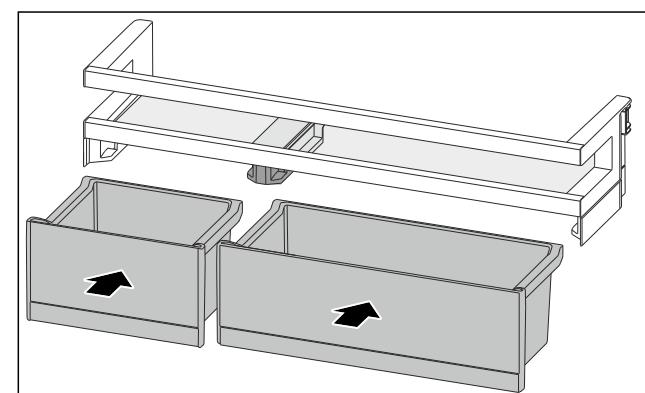


Fig. 123

- ▶ Insert the VarioBoxes opposite order. (see Fig. 123)

Equipment

8.1.6 Disassembling the door rack

You can disassemble some of the door racks if you want to clean the door rack or if you'd like to insert or remove replacement parts.

Disassembling the door rack

Make sure that the following requirements are fulfilled:

- Door rack is removed. (see 8.1.2 Removing the door rack)

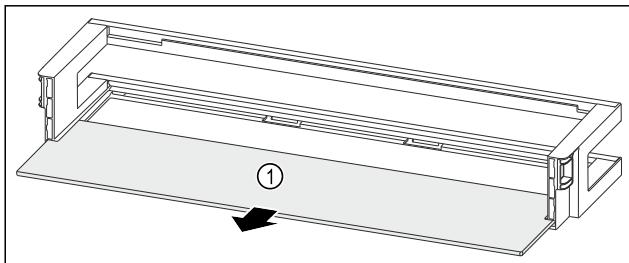


Fig. 124 Door racks with shelf

- Remove the shelf Fig. 124 (1).

Disassembling the shelf with VarioBoxes

Make sure that the following requirements are fulfilled:

- Door rack is removed. (see 8.1.2 Removing the door rack)

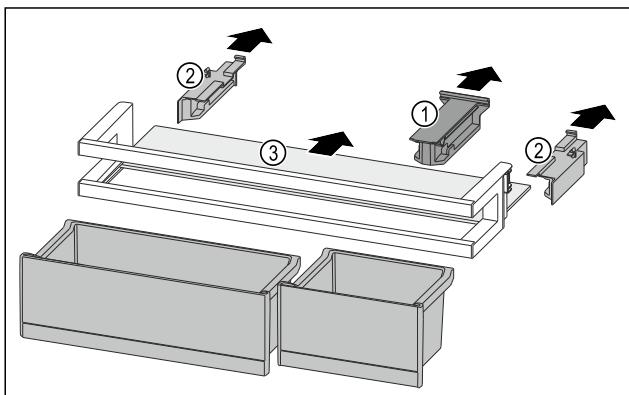


Fig. 125

- Remove the VarioBoxes. (see 8.1.1 Removing the Vario-Boxes)
- Pull off the retaining part Fig. 125 (1).
- Pull off the side part Fig. 125 (2).
- Remove the shelf Fig. 125 (3).

Disassembling the door racks with bottle holder

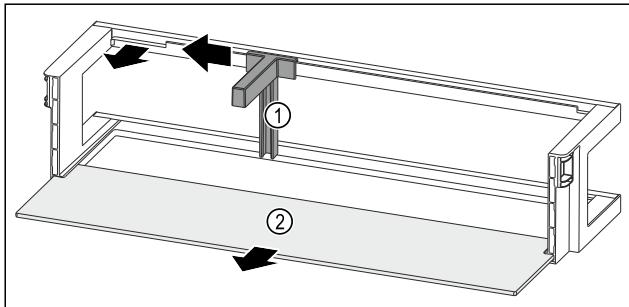


Fig. 126 Door racks with bottle holder and shelf

- Push the bottle holder Fig. 126 (1) to the side up to the recess.
- Remove the bottle holder Fig. 126 (1).
- Remove the shelf Fig. 126 (2).

8.1.7 Assembling the door rack

Assembling the door rack

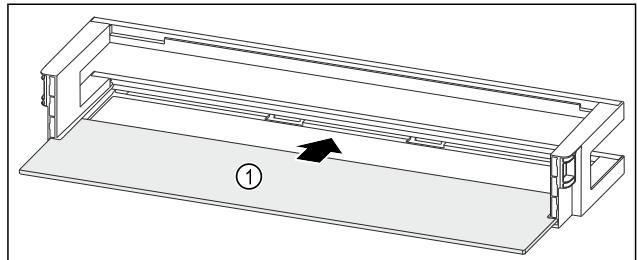


Fig. 127 Door racks with shelf

- Push the shelf Fig. 127 (1) into the side cutouts.

Assembling the door rack with VarioBoxes

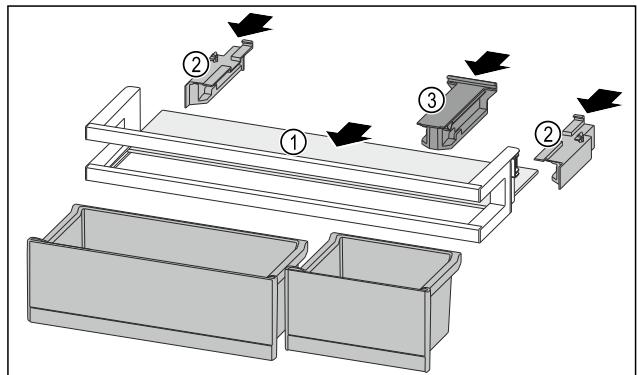


Fig. 128

- Push the shelf Fig. 128 (1) into the side cutouts.
- Insert the side parts Fig. 128 (2).
- Insert the retaining part Fig. 128 (3).
- Insert the VarioBoxes. (see 8.1.4 Inserting the VarioBoxes)

Assembling the door racks with bottle holder

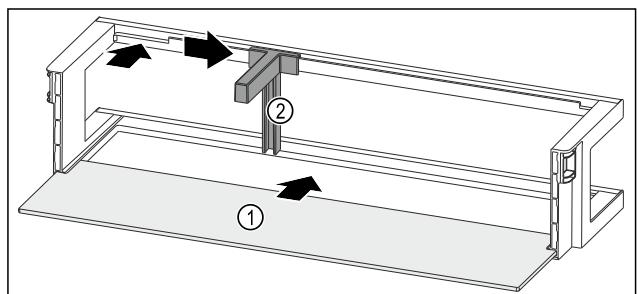


Fig. 129 Door racks with shelf

- Push the shelf Fig. 129 (1) into the side cutouts.
- Insert the bottle holder Fig. 129 (2) into the recess.
- Push the bottle holder Fig. 129 (2) to the side into the desired position.

8.2 Shelves

8.2.1 Moving/removing shelves

Extension stops secure the shelves against being accidentally pulled out

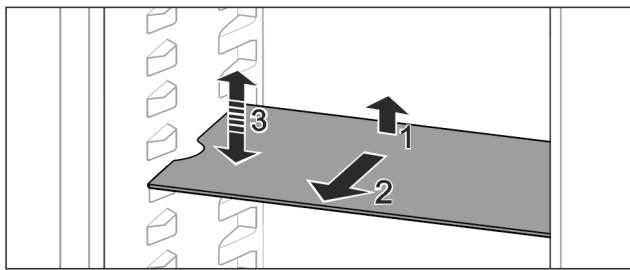


Fig. 130

- 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-

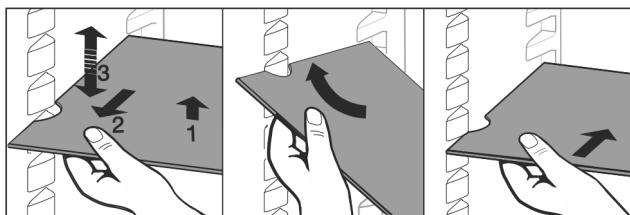


Fig. 131

- 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.

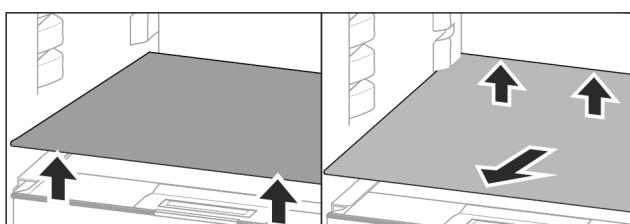


Fig. 132

To remove shelf

- 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.

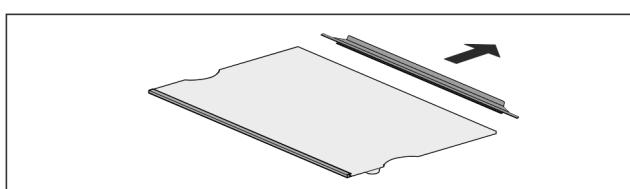


Fig. 133

- Disassemble the shelf.

8.3 Split shelf

8.3.1 Using the split shelf

Extension stops secure the shelves against being accidentally pulled out

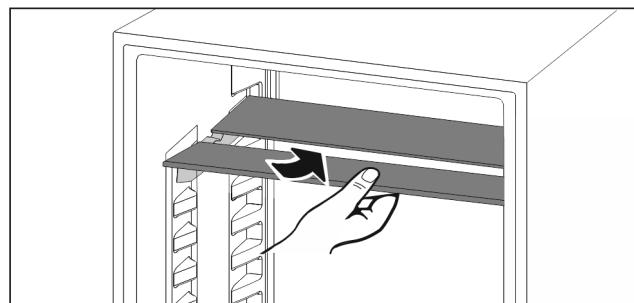


Fig. 134

- Push the split shelf underneath as in the illustration

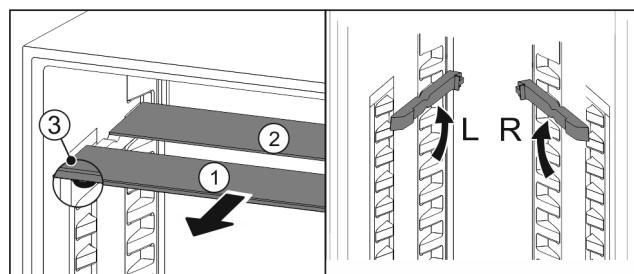


Fig. 135

Adjusting heights:

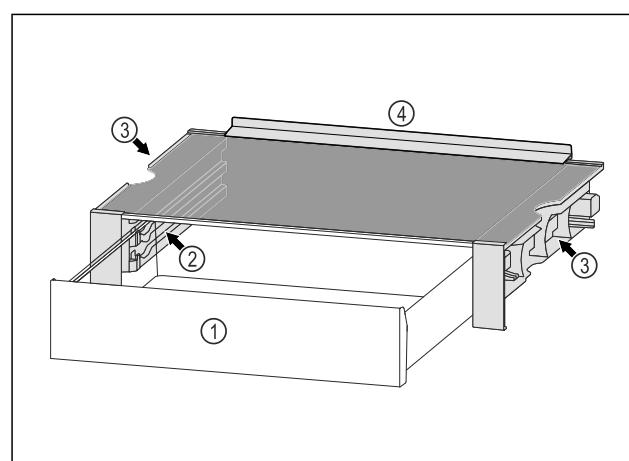
- Pull the glass panels out Fig. 135 (1) from the front, one at a time.
- Pull the support rails out of their retainers and snap into place at the height you want them.
- Slide in the glass panels one at a time.
- Flat pull-out stoppers at the front, right behind the support rail.
- Taller pull-out stoppers at the back.

Using both shelves:

- Hold the bottom glass panel with one hand and pull it to the front.
- The glass panel Fig. 135 (1) with the trim strip is at the front.
- The stops Fig. 135 (3) point downward.

8.4 VarioSafe

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



Equipment

Fig. 136

- (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

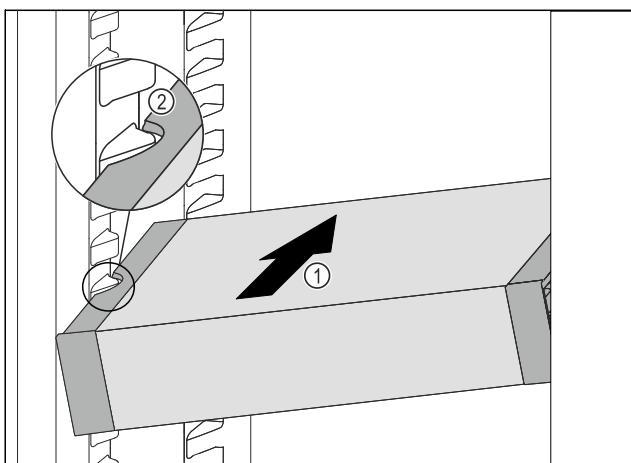


Fig. 137

- Insert the VarioSafe into the refrigerator compartment at an angle Fig. 137 (1) until the recesses in the side Fig. 137 (2) of the VarioSafe are at the level of the support rib in the refrigerator compartment.

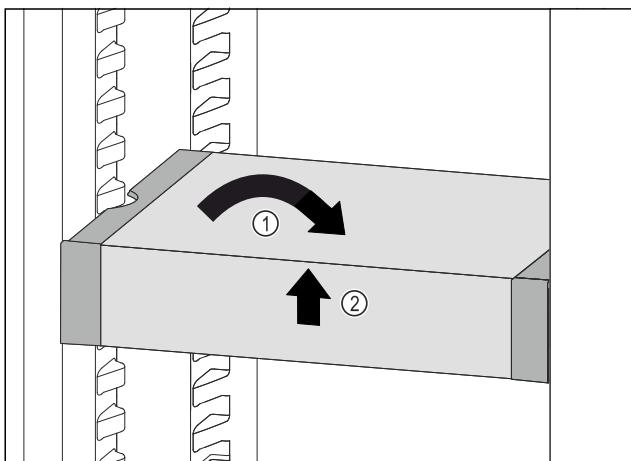


Fig. 138

- Set VarioSafe straight. Fig. 138 (1)
- Lift VarioSafe at the front. Fig. 138 (2)

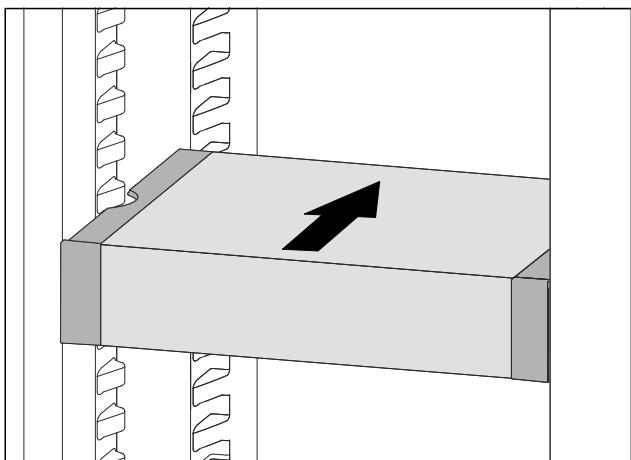


Fig. 139

- 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.

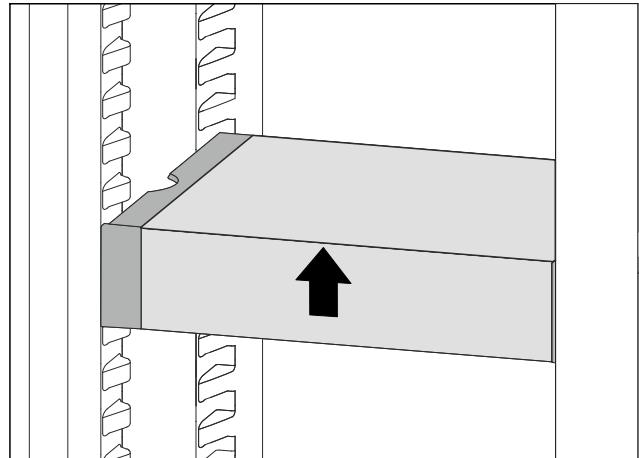


Fig. 140

- Lift VarioSafe at the front.

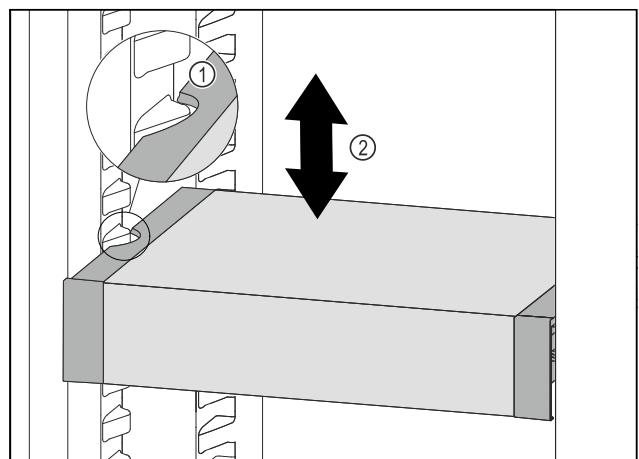


Fig. 141

- 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. 141 (1)
- Move VarioSafe up or down in the refrigerator compartment until the desired height is reached. Fig. 141 (2)

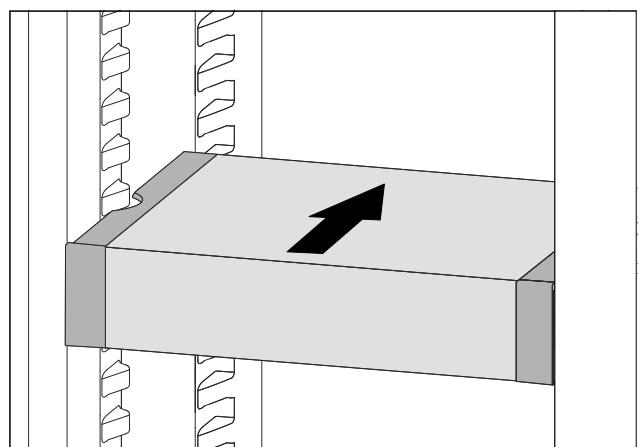


Fig. 142

- 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.

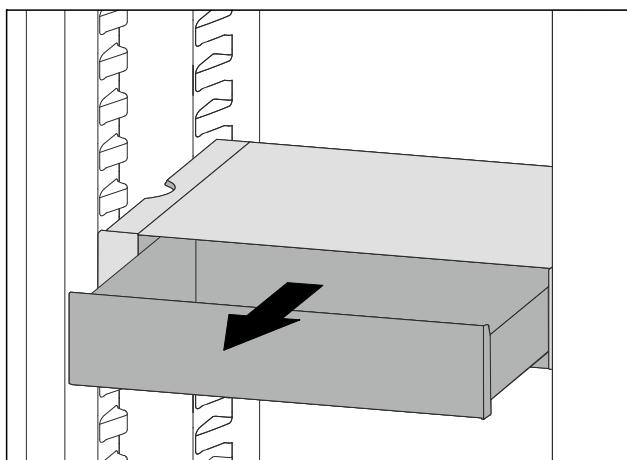


Fig. 143

- ▶ 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.

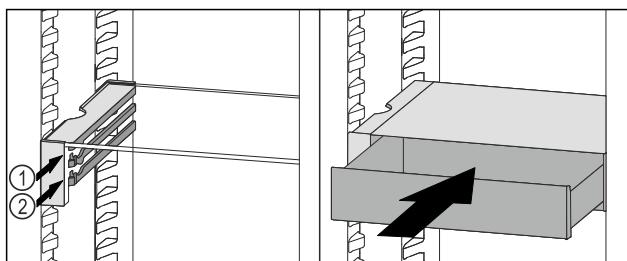


Fig. 144

- ▶ Lift the VarioSafe drawer up at the front.
- ▶ Place the VarioSafe drawer behind the stoppers on desired rib Fig. 144 (1) or Fig. 144 (2).
- ▶ VarioSafe drawer is offset in height.

8.4.4 Removing the VarioSafe

You can remove the VarioSafe as a whole.

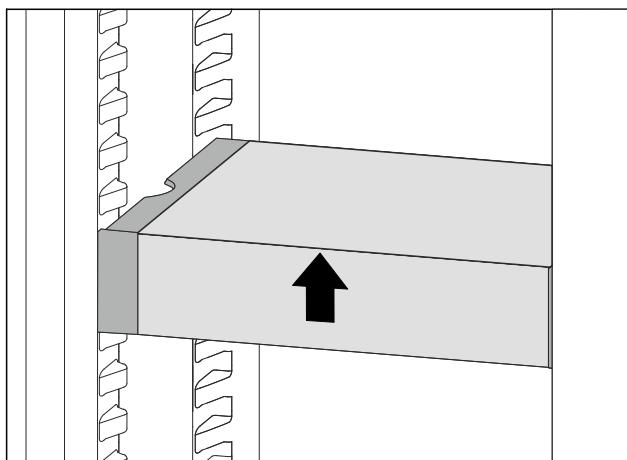


Fig. 145

- ▶ Lift VarioSafe at the front.

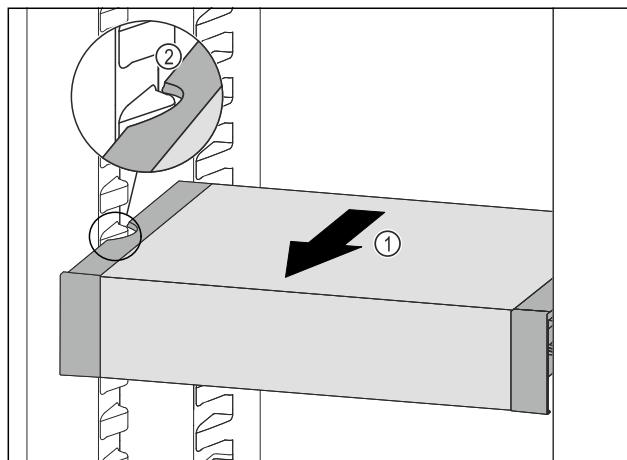


Fig. 146

- ▶ Pull VarioSafe forward Fig. 146 (1) until the recesses in the side of the VarioSafe are at the level of the support rib in the refrigerator compartment. Fig. 146 (2)

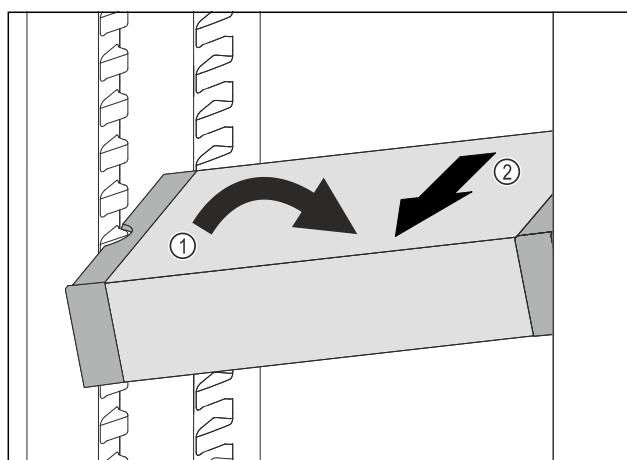


Fig. 147

- ▶ Set VarioSafe in refrigerator compartment at an angle. Fig. 147 (1)
- ▶ Take VarioSafe out to the front. Fig. 147 (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.

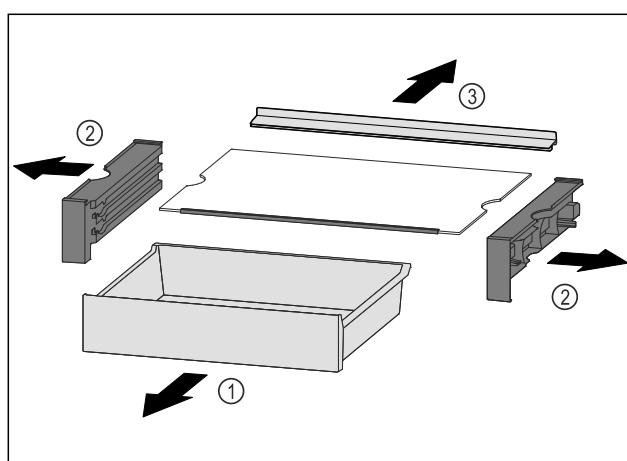


Fig. 148

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

Equipment

8.5 Space for baking tray

There is space for a baking tray *Fig. 149* (7) above the drawers.

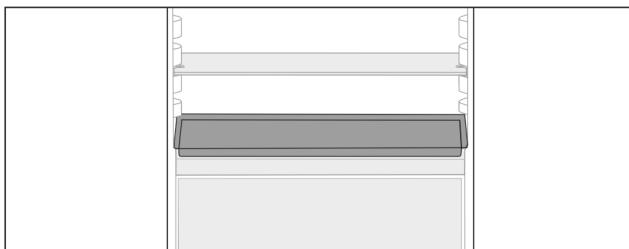


Fig. 149

Make sure that the following requirements are fulfilled

- ◻ Max. baking tray dimensions are adhered to (see 10.1 Technical specifications).
- ◻ Baking tray has cooled to room temperature.
- ◻ The bottom door stopper is set at least one position up.

When door 90° is open:

- Slide the baking tray onto the lower side runs.

8.6 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!

8.6.1 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

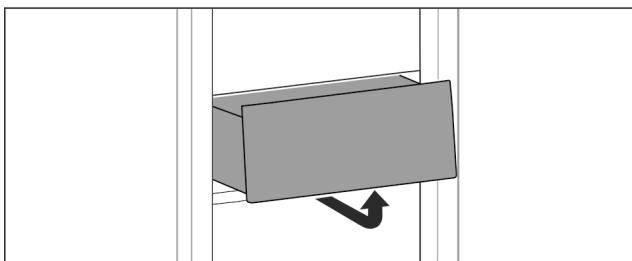


Fig. 150

- Remove drawer as shown in the diagram.

Inserting drawer

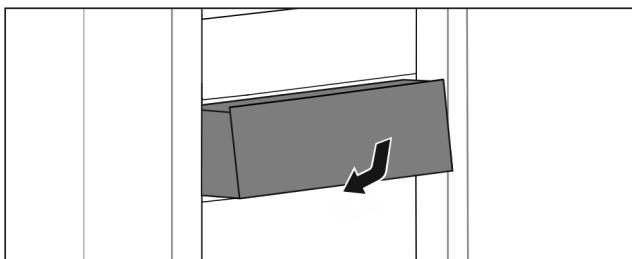


Fig. 151

- Insert drawer as shown in the diagram.

8.6.2 Drawer on telescopic rails

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

Full extension*

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

Removing drawer

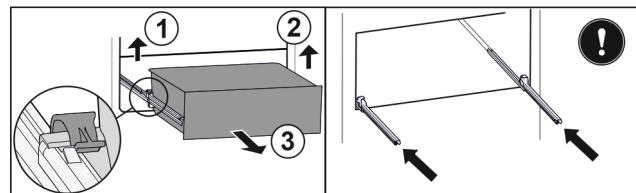


Fig. 152

- Pull out drawer as far as it will go.
- Lift left clamp and simultaneously pull drawer forwards on the left. *Fig. 152 (1)*
- Lift right clamp and simultaneously pull drawer forwards on the right. *Fig. 152 (2)*
- Remove drawer to the front. *Fig. 152 (3)*
- Slide rails in.

Inserting drawer

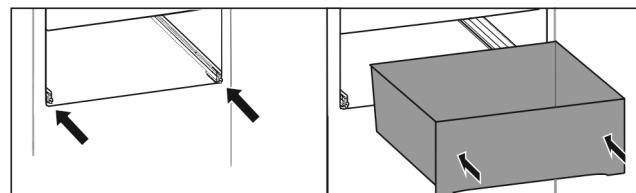


Fig. 153

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

Partial pull-out fridge compartment*

Removing drawer

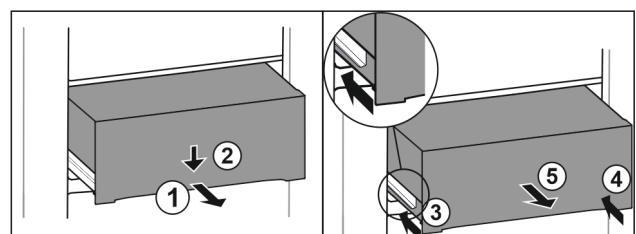


Fig. 154

- Pull out the drawer halfway. *Fig. 154 (1)*
- Press down the drawer on the front. *Fig. 154 (2)*
- Push in the left rail approximately 2 cm. *Fig. 154 (3)*
- Push in the right rail approximately 2 cm. *Fig. 154 (4)*
- Remove drawer to the front. *Fig. 154 (5)*

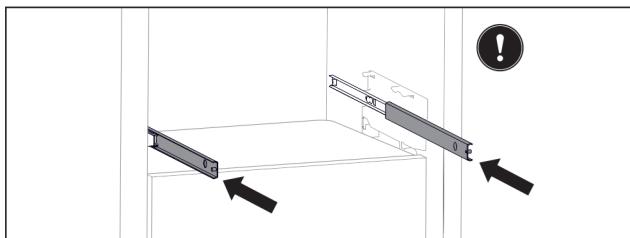


Fig. 155

If the rails are not yet fully pushed in after removing the drawer:

- Push the rails in completely.

Inserting drawer

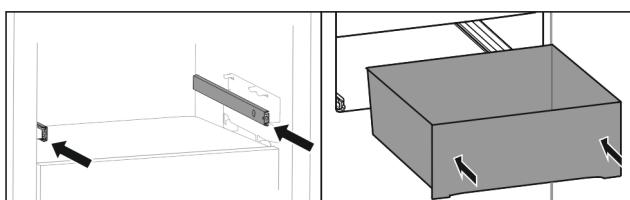


Fig. 156

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

Partial pull-out freezing compartment

Note

If the magnet on the top drawer in the freezing compartment is damaged or removed, the door sensor will malfunction.

- Do not damage or remove the magnet.

Removing drawer

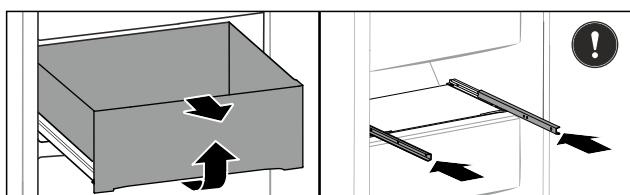


Fig. 157

If the drawer is in the top freezer:

- Pull out drawer as far as it will go.
- Lift up the front of the drawer.
- Remove the drawer from the front.
- Slide rails in.

-or-

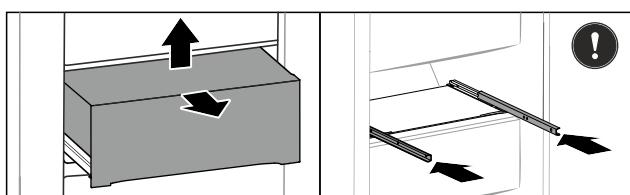


Fig. 158

If the drawer is in the middle of the freezing compartment:

- Pull out drawer halfway.
- Lift the back of the drawer from the bottom.
- Remove the drawer from the front.
- Slide rails in.

Inserting drawer

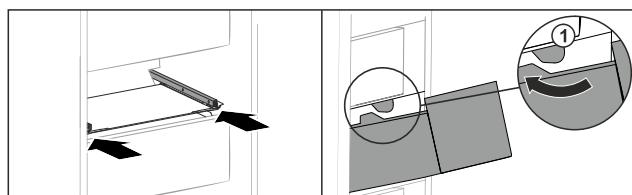


Fig. 159

- Slide rails in.
- Guide drawer around the stoppers Fig. 159 (1).
- Place drawer on rails.
- Slide in drawer to the back.

8.7 Lid for EasyFresh-safe

The lid ensures constant levels of humidity.

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

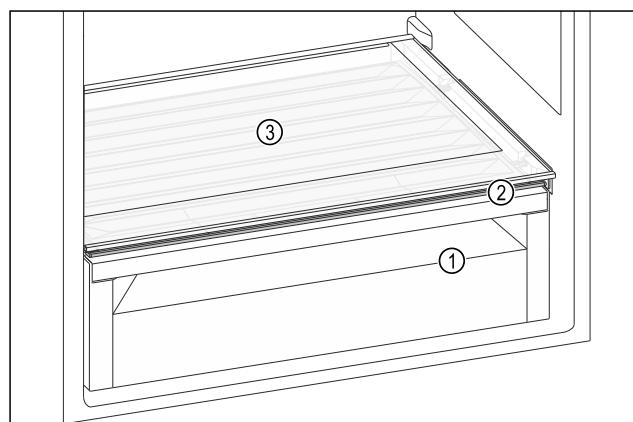


Fig. 160 Example illustration of the lid for EasyFresh-safe

- (1) EasyFresh-safe
- (2) Lid for EasyFresh-safe
- (3) Shelf

8.7.1 Reducing humidity in the drawer

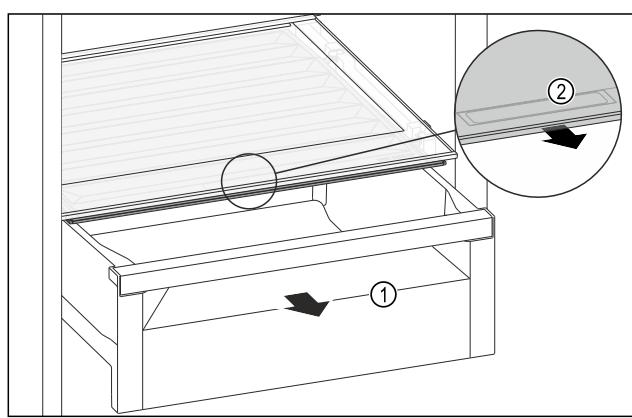


Fig. 161

- Pull out the drawer Fig. 161 (1).
- Grip the handle recess Fig. 161 (2) on the lid while pulling the lid forward at the same time.
- When the drawer is closed, there is a small gap between the lid and the drawer.

Equipment

8.7.2 Increasing humidity in the drawer

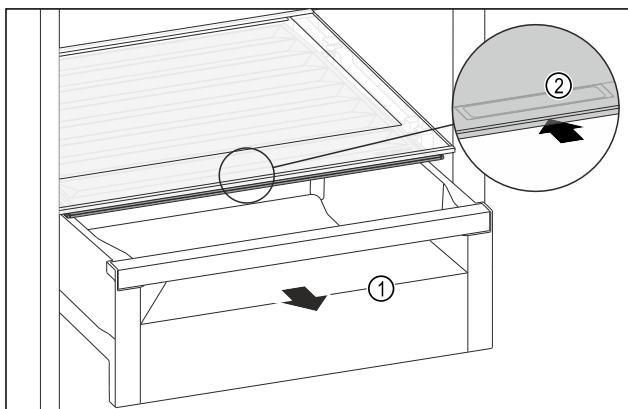


Fig. 162

- ▶ Pull out the drawer Fig. 162 (1).
- ▶ Grip the handle recess Fig. 162 (2) on the lid while pulling the lid backward at the same time.
- ▶ When the drawer is closed, the lid closes tightly with the drawer.

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 8.6 Drawers)

Removing glass shelf

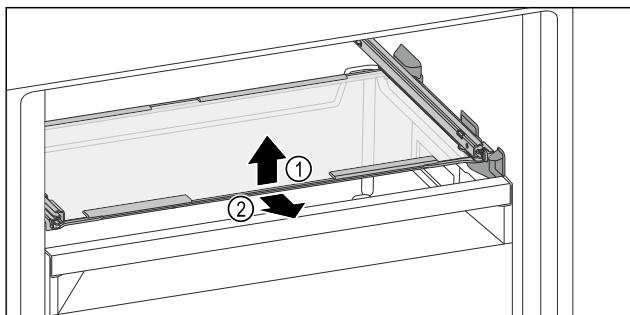


Fig. 163 Example illustration of the glass shelf

- ▶ Lift the front of the glass shelf.
- ▶ Remove the glass shelf from the front.

Inserting the glass shelf

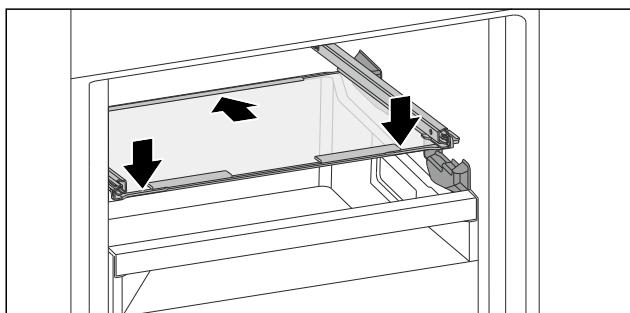


Fig. 164 Example illustration of the glass shelf

- ▶ Set down the glass shelf diagonally behind the stoppers.
- ▶ Lower glass shelf.
- ▶ Slide in glass shelf to the back.

8.9 IceMaker*

The IceMaker is used exclusively for the production of ice cubes in household quantities.

Make sure that the following conditions are fulfilled

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

8.9.1 Producing ice cubes

The production capacity depends on the freezer temperature. The lower the temperature, the more ice cubes can be produced in a certain period.

Once IceMaker is switched on for the first time, it can take up to 24 hours to produce the first ice cubes.

- ▶ Activate the IceMaker function.
- ▶ Making many ice cubes: Activate the MaxIce function.
- ▶ To make a large quantity of ice cubes: Move or remove the separators in the IceMaker drawer.*
- ▶ Distribute ice cubes evenly in the drawer to increase its capacity.
- ▶ Close the drawer: The IceMaker starts making ice again.

Note

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

8.9.2 Using the drawer with the IceMaker deactivated

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

- ▶ Deactivate IceMaker. (see Deactivating IceMaker and MaxIce)

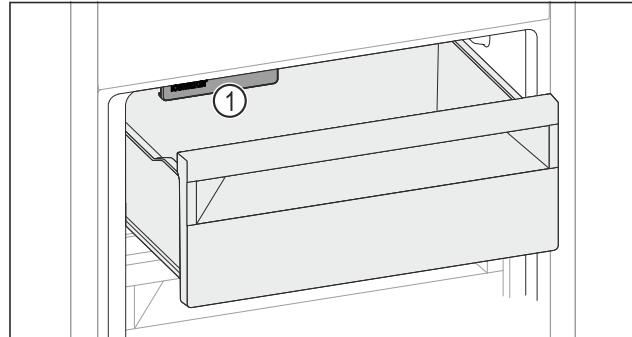


Fig. 165

- ▶ Place food in drawer.
If you put food in the left side of the drawer:
▶ Pay attention to the IceMaker Fig. 165 (1).

8.10 VarioSpace

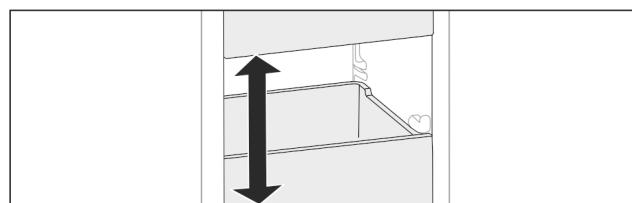


Fig. 166

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 Butter dish

8.11.1 Opening/closing the butter dish

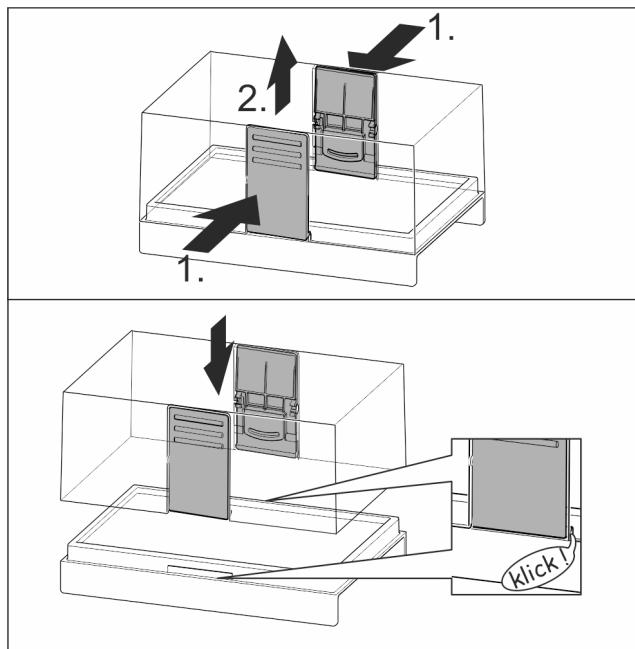


Fig. 167

8.11.2 Dismantling the butter dish

You can disassemble the butter dish for cleaning.

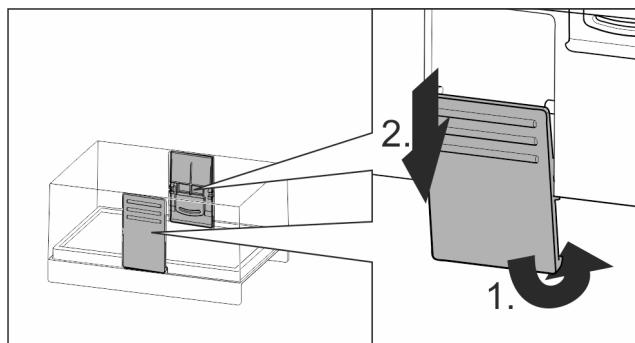


Fig. 168

- ▶ Disassemble the butter dish.

8.12 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.

8.12.1 Using the egg rack

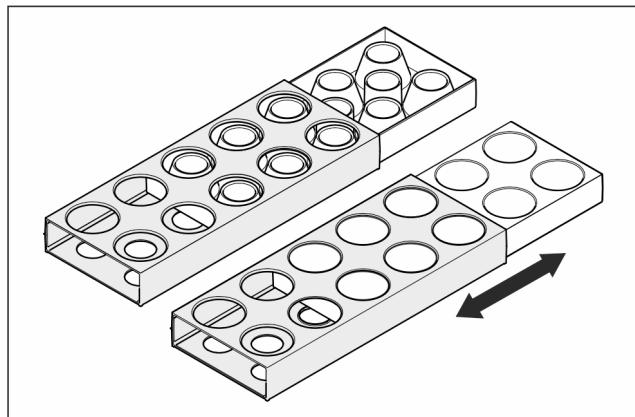


Fig. 169

- ▶ Top section: store hen eggs.
- ▶ Bottom section: store quail eggs.

8.13 Bottle rack

8.13.1 Using the bottle rack

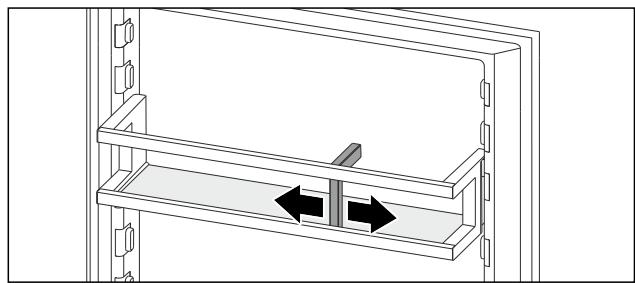


Fig. 170

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

8.14 Freezer packs

The freezer packs prevent the temperature from rising too fast in the event of a power failure.

The freezer packs are in the drawer.

You can store the cold storage accumulators in the freezer tray.*

8.14.1 Using the freezer packs

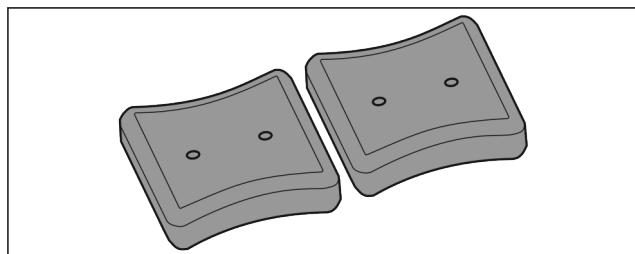


Fig. 171

When the freezer packs are fully frozen:

- ▶ Place on the frozen goods in the top, front part of the freezer.

Maintenance

8.15 Ice cube tray with lid*

8.15.1 Using the ice cube tray

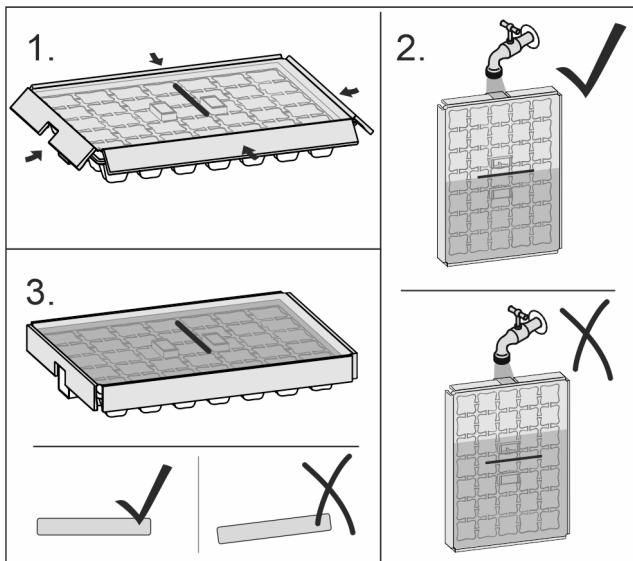


Fig. 172

When water is frozen:

- Hold the ice cube tray briefly under warm water.
- Remove the lid.
- Gently turn the ends of the ice cube tray in opposite directions.
- Release the ice cubes.

8.15.2 Dismantling the ice cube tray

You can dismantle the ice cube tray for cleaning.

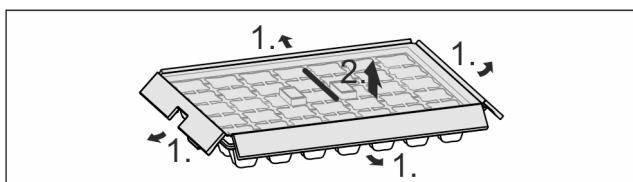


Fig. 173

- Disassemble the ice cube tray.

8.16 Flexible ice compartment divider*

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

8.16.1 Moving the flexible ice compartment divider

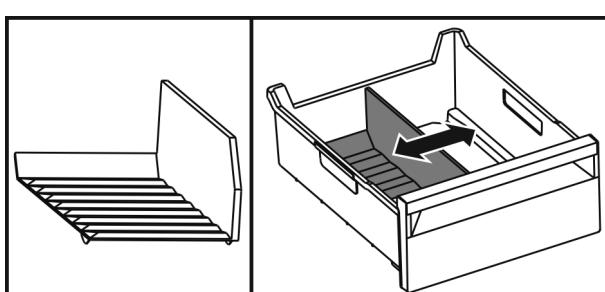


Fig. 174 Example illustration of the ice compartment divider

- Move the ice compartment divider to the desired position.

8.16.2 Removing the flexible ice compartment divider

Make sure that the following requirements are fulfilled:

- Ice cube drawer is removed. (see 8.6 Drawers)

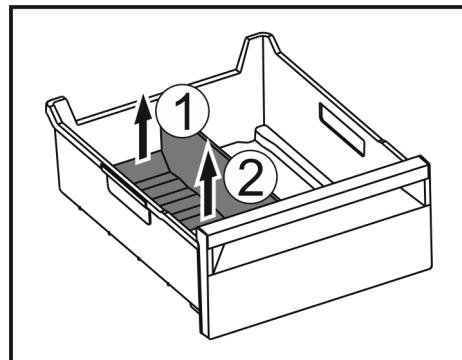


Fig. 175

- Lift the rear part of the ice compartment divider. Fig. 175 (1)
- Remove the ice compartment divider upwards. Fig. 175 (2)

8.16.3 Putting in the flexible ice compartment divider

Make sure that the following requirements are fulfilled:

- Ice cube drawer is removed. (see 8.6 Drawers)

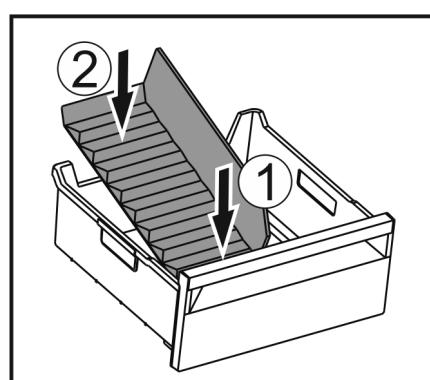


Fig. 176

- Insert the front part of the ice compartment divider. Fig. 176 (1)
- Lower the rear part of the ice compartment divider to the drawer bottom. Fig. 176 (2)

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

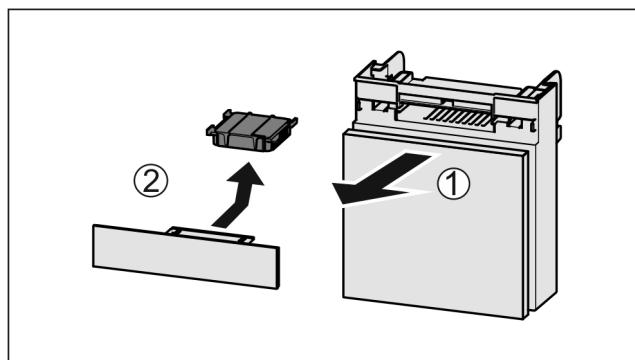


Fig. 177

- ▶ Pull out the compartment Fig. 177 (1).
- ▶ Remove the carbon filter Fig. 177 (2).

9.1.2 Inserting the FreshAir carbon filter

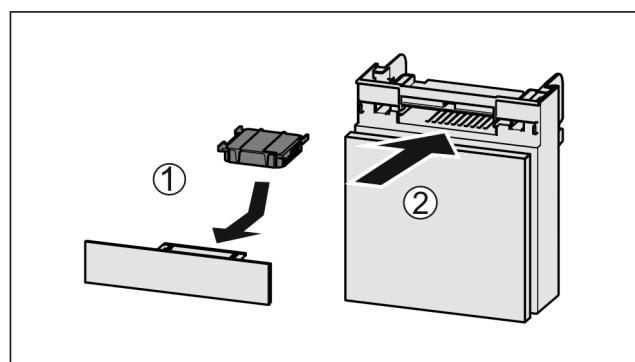


Fig. 178

- ▶ Insert the carbon filter as shown in the diagram Fig. 178 (1).
- ▶ The carbon filter clicks into place.
If the carbon filter is pointing downwards:
- ▶ Push the compartment in Fig. 178 (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
Full extension*	cannot be disassembled*
Partial extension fridge section*	cannot be disassembled*
Partial-extension in the freezer section	can be disassembled (see Partial pull-out freezing compartment)

9.2.2 Drawer on telescopic rails

Partial pull-out freezing compartment

Disassembling pull-out system

Make sure that the following requirements are fulfilled:

- Drawer has been removed.
- Glass shelf has been removed. (see 8.8 Glass shelves)

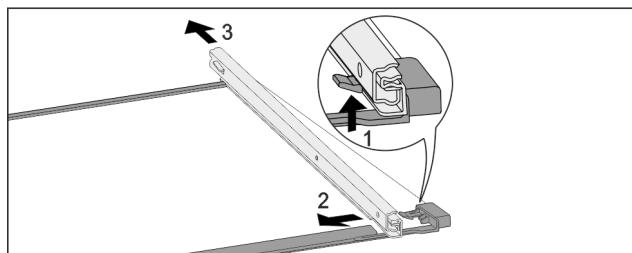


Fig. 179 Glass shelf with rails

- ▶ Push up front click-in hooks. Fig. 179 (1)
- ▶ Slide pull-out rails to the side Fig. 179 (2) and backwards Fig. 179 (3).

Installing pull-out system

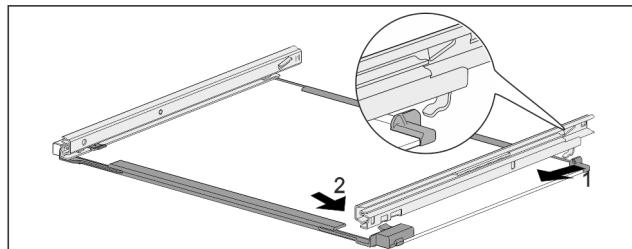


Fig. 180 Glass shelf with rails

- ▶ Hook in rail at the back. Fig. 180 (1)
- ▶ Hook in rail at the front. Fig. 180 (2)

9.3 Lid for EasyFresh-safe

You can remove the lid for cleaning.

9.3.1 Removing the lid

Make sure that the following requirements are fulfilled:

- The shelf directly above the drawer has been removed. (see 8.2 Shelves)
- The drawer directly below the lid has been removed. (see 8.6 Drawers)

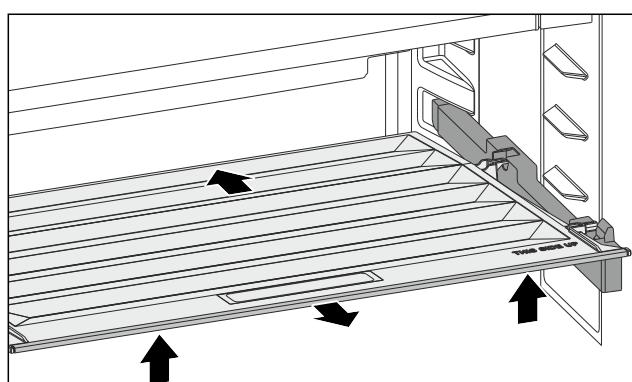


Fig. 181

- ▶ Push the lid backward.
- ▶ Lift up the lid forward.
- ▶ Remove the front lid by lifting it up at an angle.

Maintenance

9.3.2 Inserting the lid

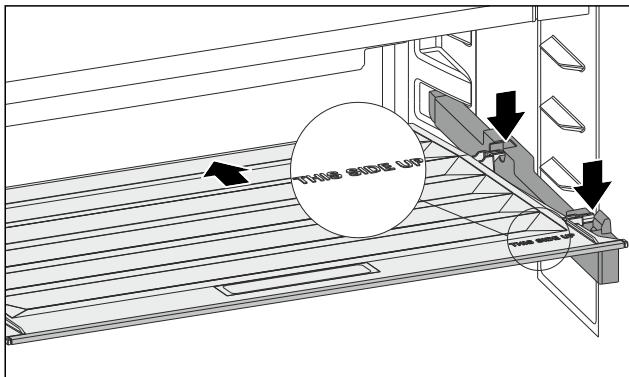


Fig. 182

If the lettering THIS SIDE UP is on top:

- ▶ Insert the rear bracket retainers in the corresponding rear openings.
- ▶ Push the lid backward.
- ▶ Lower the lid at the front and latch the front bracket retainers in the openings.
- ▶ Bring the lid to the desired position.

9.4 Defrosting the appliance

9.4.1 Defrosting the refrigerator compartment

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

- ▶ Clean the drain hole regularly. (see 9.5 Cleaning the appliance)

9.4.2 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 need to be defrosted.

9.5 Cleaning the appliance

9.5.1 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. (see CleaningMode)

9.5.2 Cleaning the interior

NOTICE

Improper cleaning!

Damage to the appliance.

- ▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
- ▶ Do not use 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.

9.5.3 Cleaning the dry rear panel

You can remove the dry rear panel for cleaning.

Removing the rear panel

- ▶ Remove all equipment parts.

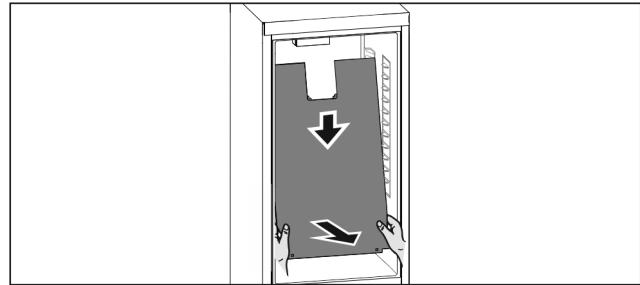


Fig. 183

- ▶ 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

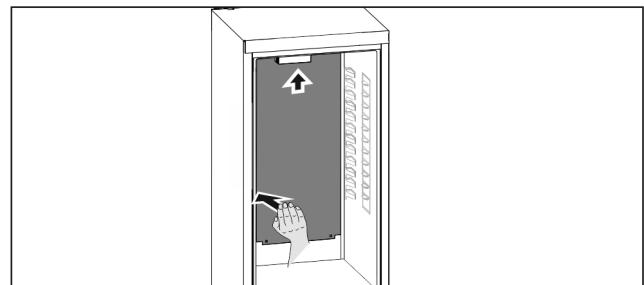


Fig. 184

- ▶ 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)

9.5.4 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:

- Shelf
- Split shelf
- VarioSafe
- Lid for EasyFresh-safe
- Drawer

Please note: Do not remove the magnet on the drawer. The magnet ensures that the IceMaker functions.*

- Flexible ice compartment divider in the ice cube tray of the IceMakers*
- Freezer tray*

Clean with a damp cloth:

- Retracting rails

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

Clean in the dishwasher up to 60 °C:

- Door racks
- VarioBox
- Bottle rack
- Holder for the split shelf
- Egg rack
- Butter dish
- Ice cube tray*
- Ice cube scoop*

- Disassemble the equipment: see the relevant section.
- Clean the equipment.

9.5.5 Cleaning the IceMaker*

There are various options for cleaning the IceMaker.

We recommend cleaning in the following situations:

- Initial commissioning
- With water connection:*
 - If out of use for longer than 5 days.*

Make sure that the following requirements are met:

- IceMaker drawer is emptied.
- IceMaker drawer is fully inserted.
- The IceMaker has been activated.

On first use or if not used for prolonged periods

Clean the IceMaker with TubeClean.

- Put an empty 1.5 l vessel (max. height 10 cm) in the drawer under the IceMaker.
- Activate the TubeClean function.
- The rinse process is prepared (max. 60 min.): The symbol flashes.
- Water pipes are rinsed: Symbol flashes.
- Rinsing process is complete: Function turns off automatically.
- Take out the IceMaker drawer and remove the container.
- Clean the IceMaker drawer with warm water and a little detergent.
- Push in the IceMaker drawer.
- Ice cube production starts automatically.

Without water filter

- Dispose of any ice cubes that are produced within 24 hours of the first ice cube production.

When cleaning is required

Clean the IceMaker manually.

- Remove the IceMaker drawer and clean with warm water and a little detergent.
- Push in the IceMaker drawer.
- Ice cube production starts automatically.

9.5.6 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 amount of food to freeze / 24 hours	
Freezer	See type plate under "freezer capacity .../ 24 h"

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 8.6.1 Drawer on appliance base or glass shelf)	12 kg	15 kg	--
Partial-extension in the freezer section (see 8.6.2 Drawer on telescopic rails)	12 kg	15 kg	--

Max. size baking tray	
Width	466 mm
Depth	386 mm
Height	50 mm

Ice cube production with IceMaker*	
Ice cube production / 24 hours	At a temperature of -18 °C: 1.2 kg of ice cubes
Maximum ice cube production / 24 hours	When the MaxIce function is active: 1.5 kg of ice cubes

Time required to reach various temperatures with Vario-Temp		
Initial temperature	Target temperature	Time until target temperature is reached
-18 °C	0 °C	> 8 hours
-18 °C	8 °C	> 12 hours
8 °C	14 °C	> 6 hours
14 °C	-18 °C	> 4 hours

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.

For appliances with a WiFi connection:

Frequency specification	
Frequency band	2.4 GHz
Maximum radiated power	< 100 mW
Purpose of the wireless equipment	Integration in the local WiFi network for data communication

10.2 Operating noises

The appliance makes 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

Noise	Possible cause	Type of 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
Sipping noises	The self-closing door is being opened and closed.	Normal noise
Whirring and murmuring	The fan is running.	Normal operating noise
Clicking	Components are being switched on and off.	Normal switching noise
Rattling humming	Valves are active.	Normal switching noise

Noise	Possible cause	Type of noise	How to resolve
Vibration	Unsuitable installation	Error noise	Check installation. Set up the appliance.
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. ► Protect food: Place cold storage batteries on the food or use another freezer appliance if the power failure lasts longer.

Defect	Cause	Remedy
	→ The IEC socket is not correctly plugged into the appliance.	► Do not re-freeze defrosted food. ► Check the IEC socket.
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	► Problem solution: (see 2.4 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 appliance was not properly installed in the recess.	► Make sure the appliance was installed correctly and the door closes properly.
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.

10.3.2 Equipment

Defect	Cause	Remedy
The IceMaker cannot be switched on.*	→ The appliance and therefore the IceMaker are not connected.	► Connect the appliance (see Installation Guide).
The IceMaker is not making any ice cubes.*	→ The IceMaker is not switched on.	► Activate the IceMaker.
	→ The drawer of the IceMaker is not properly closed	► Close the drawer properly
	→ The water connection is not open	► Open the water connection*
The interior light does not turn on.	→ The appliance is not switched on.	► Switch on the appliance.
	→ The door was open for more than 15 minutes.	► If the door is open, the interior lighting switches off automatically after about 15 minutes.
	→ 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.

Decommissioning



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 Appliance information)
- 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.

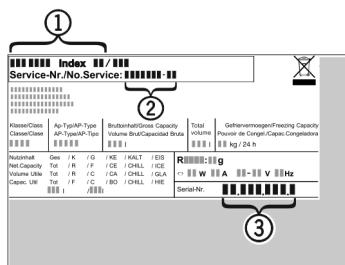


Fig. 185

(1) Appliance name

(3) Serial no.

(2) Service no.

- ▶ Information from the nameplate.

11 Decommissioning

- ▶ Empty appliance.
- ▶ Deactivate IceMaker. (see Deactivating IceMaker and MaxIce) *
- ▶ Switch off appliance. (see Switching appliance off and on)
- ▶ Pull the power plug from the outlet.
- ▶ If necessary, remove the IEC socket: Pull the IEC socket out of the appliance plug while turning it to the left and right at the same time.
- ▶ Clean appliance. (see 9.5 Cleaning the appliance)
- ▶ Leave the door open to prevent unpleasant odors.

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.
- ▶ 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!

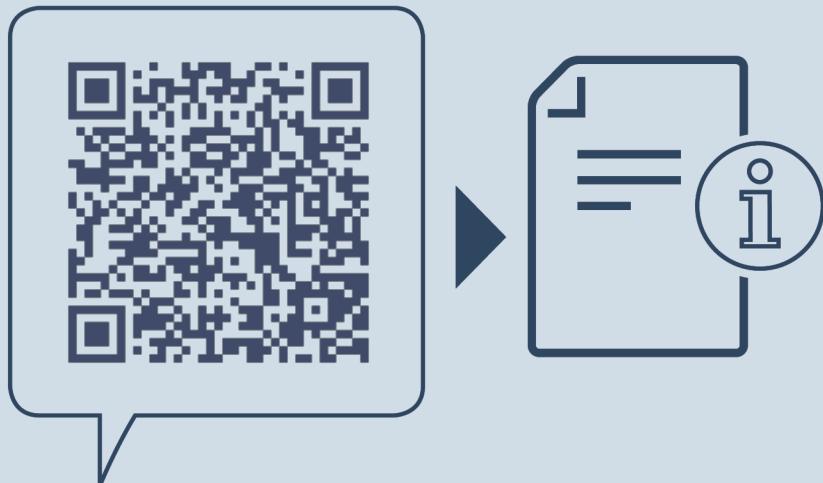
Fire. The refrigerant contained within the appliance is environmentally friendly, but flammable. The oil contained within the appliance is flammable. Escaping refrigerant and oil can ignite if they are of high enough concentration and are exposed to an external heat source.

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

- ▶ Observe the notes on appliance transport.

- ▶ Transport the appliance away without damaging it.

- ▶ Dispose of batteries, lamps, and the appliance according to the above specifications.



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