User Guide

Quality, Design and Innovation

home.liebherr.com/fridge-manuals

LIEBHERR

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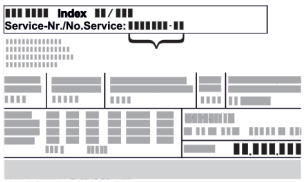
The manufacturer is continually working on the further development of all types and models. Please be aware that we reserve the right to make changes to the shape, equipment and technology.

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

These operating instructions apply to:

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 Appliance at a glance

1.1 Scope of delivery

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

Your new appliance comes with the following parts:

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

1.2 Overview of the appliance and equipment

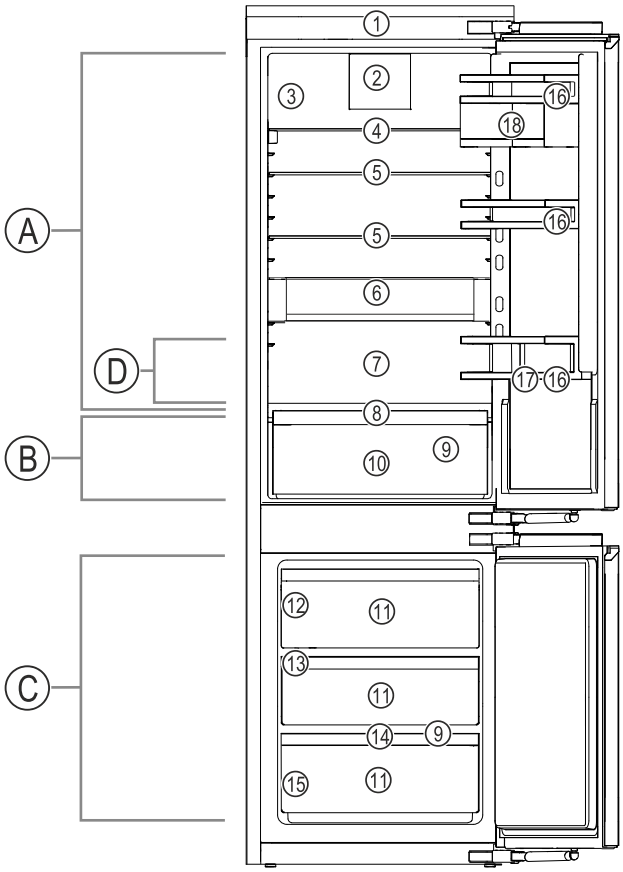


Fig. 1 Example illustration

Temperature range

(A) Fridge section
(B) EasyFresh
(C) Freezer section
(D) Coldest area

Equipment

(1) Controls
(2) Fan with FreshAir activated charcoal filter
(3) Dry rear wall
(4) Divisible shelf
(5) Shelf
(6) VarioSafe
(7) Space for baking tray
(8) Lid for EasyFresh-Safe
(9) Drain opening
(10) EasyFresh-Safe
(11) Freezer drawer
(12) IceMaker*
(13) VarioSpace
(14) Freezer tray*
(15) Type plate
(16) Door racks
(17) Bottle holder
(18) VarioBoxes

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

1.3 SmartDevice

SmartDevice is the networking solution for your fridge-freezer.

If your appliance SmartDevice-enabled or compatible, you can quickly and easily connect your appliance to your

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

SmartDevice-enabled appliance:	Your appliance is capable of being a SmartDevice. To be able to connect your device to WiFi, you need to download the SmartDevice app.
More information about SmartDevice:	**smartdevice.liebherr.com**
Downloading the SmartDevice app:	After installing and configuring the SmartDevice, you can connect your appliance to the WiFi using the SmartDevice app and the WiFi appliance function (see WiFi) .

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

1.4 Appliance range of use

Intended use

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

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

All other types of use are not permitted.

Foreseeable misuse

The following applications are expressly forbidden:

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

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

Climate classifications

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

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

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

1.5 Conformity

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

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

1.6 SVHC substances according to REACH regulation

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

1.7 EPREL database

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

2 General safety instructions

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

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

Read these operating instructions carefully before use to ensure safe and correct use of the appliance. Follow the instructions, safety instructions and warning messages included at all times. They are important for ensuring

you can operate and install the appliance safely and without any problems.

Danger for the user:

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

Fire hazard:

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

Danger of tipping and falling:

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

Danger of food poisoning:

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

Danger of frostbite, numbness and pain:

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

Danger of injury and damage:

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

Risk of crushing:

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

Symbols on the appliance:

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

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

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

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

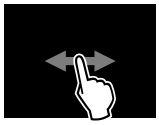
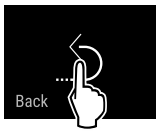
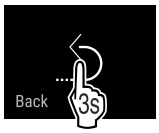
⚠	DANGER	indicates an immediately hazardous situation which will lead to death or serious injuries if it is not avoided.
⚠	WARNING	indicates a hazardous situation which may lead to death or serious injuries if it is not avoided.
⚠	CAUTION	indicates a hazardous situation which may lead to minor or moderate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

3 Functionality of the Touch & Swipe display

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

3.1 Navigation and symbol explanation

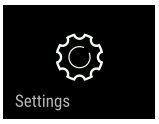
In the illustrations, different symbols are used to navigate the display. The following table describes these symbols.

Symbol	Description
	Briefly touch the display: Activates/deactivates function. Confirms selection. Opens submenu.
	Touch the display for a specified time (e.g. 3 seconds): Activates/deactivates function or value.
	**Swipe left or right:** Navigate in the menu.
	**Briefly touch the Back symbol:** Jumps back one menu level.
	**Press and hold the Back symbol for 3 seconds:** Jumps back to the status display.
	Arrow with clock: It takes more than 10 seconds for the following message to appear in the display.
	Arrow with a time indication: It takes the specified amount of time until the following message appears in the display.
	“Open Settings menu” symbol: Navigates to the Settings menu and opens the settings menu. If necessary: Navigate to the desired function in the Settings menu. (see 3.2.1 Opening the Settings menu)
	“Open Advanced menu” symbol: Navigates to the Advanced menu and opens the advanced menu. If necessary: Navigate to the desired function in the Advanced menu. (see 3.2.2 Opening the expanded menu)
No action for 10 seconds	If you do not perform any action on the display for 10 seconds, the display either jumps back to the higher-level menu or directly to the status display.
Open door and close it again.	If you open the door and immediately close it again, the display jumps directly back to the status display.

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

3.2 Menus

The appliance functions are distributed over various menus:

Menu	Description
Main menu	When you switch the appliance on, you are automatically in the main menu. From here you can navigate to the most important appliance functions, to the Settings menu and to the Advanced menu.
 Settings menu	The Settings menu contains additional appliance functions for setting up your appliance.
Advanced menu	The advanced menu contains special appliance functions for setting up your appliance. Access to the Advanced menu is protected by the numerical code **1 5 1**.

3.2.1 Opening the Settings menu

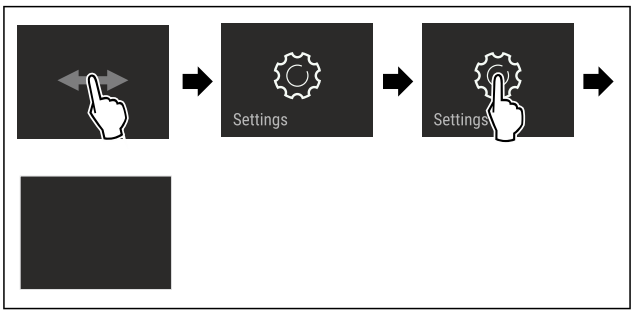


Fig. 2 Example illustration

*** Depending on model and options**

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

3.2.2 Opening the expanded menu

Fig. 3

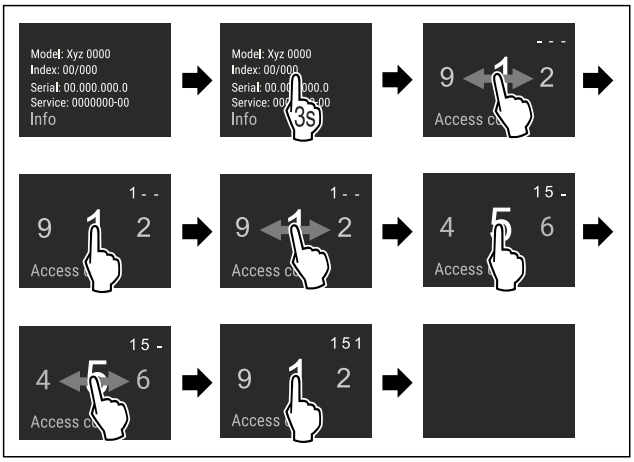


*Fig. 4 Example illustration, access with numerical code **151***

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

3.3 Sleep mode

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

3.3.1 Ending sleep mode

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

4 Putting into operation

4.1 Switching on appliance (first use)

Make sure that the following requirements are fulfilled:

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

Switch on the appliance using the Touch & Swipe display:

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

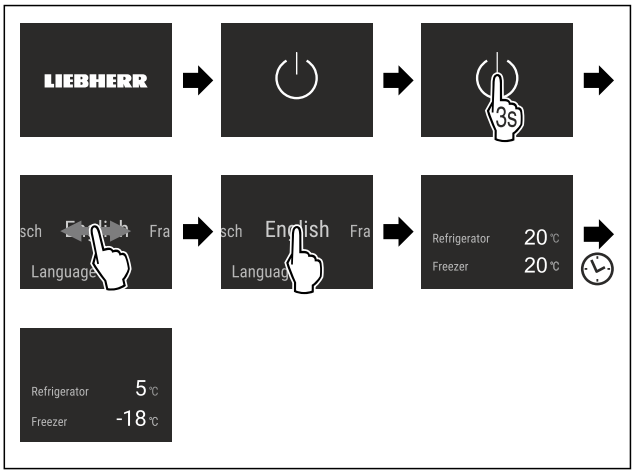


Fig. 5 Example illustration

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

More information:

- Start the IceMaker for the first time. (see 4.2 Starting the IceMaker for the first time*) *
- Start the SmartDevice for the first time. (see 1.3 SmartDevice) and (see WiFi)

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

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

4.2 Starting the IceMaker for the first time*

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

Make sure that the following requirements are fulfilled:

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

▶ Clean the IceMaker. (see 9.4.5 Cleaning the IceMaker*) *

5 Storage

5.1 Information regarding storage

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

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

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

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

5.2 Fridge compartment

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

5.2.1 Arranging your food properly

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

5.3 EasyFresh

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

The humidity in the compartment depends on the moisture content of the chilled goods placed in it, and also depends on how often the compartment is opened. You can regulate the humidity level. (see 8.8 Adjusting the moisture levels)

5.3.1 Arranging your food properly

▶ Store unpackaged fruit and vegetables.
If the humidity is too high:
▶ Regulate the humidity. (see 8.8 Adjusting the moisture levels)

5.4 Freezer compartment

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

5.4.1 Freezing food

Freezing quantity

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

To ensure that food quickly freezes through, adhere to the following quantities per package:
- Fruit and vegetables up to 1 kg
- Meat up to 2.5 kg

Freezing food using SuperFrost

Depending on the quantity to be frozen, you can activate SuperFrost before freezing in order to achieve lower freezing temperatures. (see SuperFrost)
▶ Activate SuperFrost if the amount of food you have to freeze is more than approx. 2 kg.

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

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

Arranging your food properly

CAUTION
Risk of injury from broken glass!
Bottles and cans with beverages can burst during freezing. This applies in particular to carbonated beverages.
▶ Only freeze bottles and cans with beverages if you have activated the BottleTimer function in the SmartDevice app.

Freezing quantity	Arranging your food properly
Small amount of food to freeze	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
Risk of food poisoning!
▶ Do not re-freeze thawed food.
▶ Use defrosted foodstuff as soon as possible.

You can defrost food in several ways:
- In the fridge compartment
- In the microwave
- In the oven/fan-assisted oven
- At room temperature

▶ Take out only as much food as necessary.

5.4.3 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

Refer to the specified storage times as a guide.

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

5.5.1 Fridge section

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

5.5.2 Freezer compartment

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

6 Saving energy

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

7 Controls

7.1 Controls and displays

7.1.1 Status display

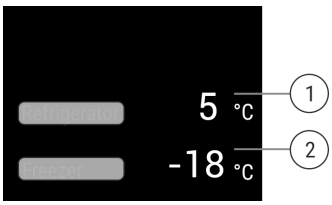


Fig. 6

(1) Temperature display of the fridge section

(2) Freezer compartment temperature display

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

7.1.2 Display symbols

Display symbols provide information on the current appliance status:

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

7.2 Appliance functions

7.2.1 Notes on the appliance functions

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

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

❑ You have read and understood the descriptions of how the display works.

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

Switching the appliance off and on

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

Switching off the appliance

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

Make sure that the following requirements are fulfilled:

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

Fig. 7

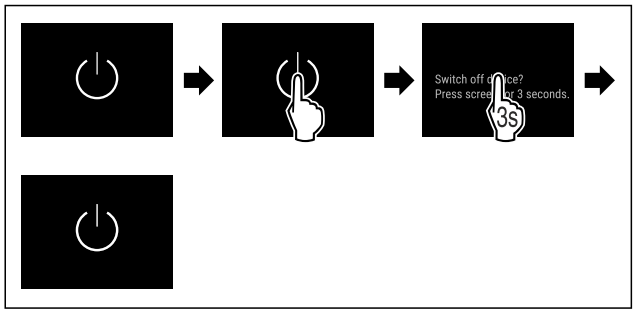


Fig. 8

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

Switching on the appliance

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

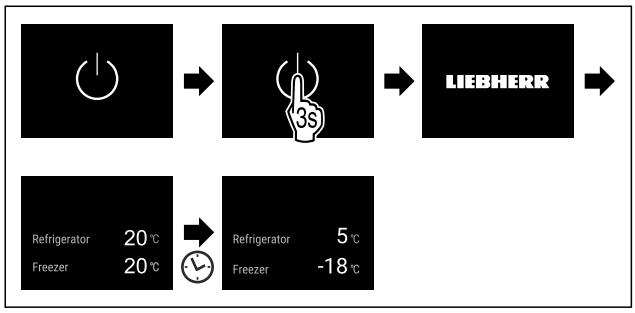


Fig. 9 Example illustration

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

Switching temperature zone off and on

You can switch temperature zones of the appliance off independently.

Application:

- Cleaning
- Defrosting

Switching the fridge compartment off

Make sure that the following requirements are fulfilled:

❑ Refrigerator compartment has been emptied.

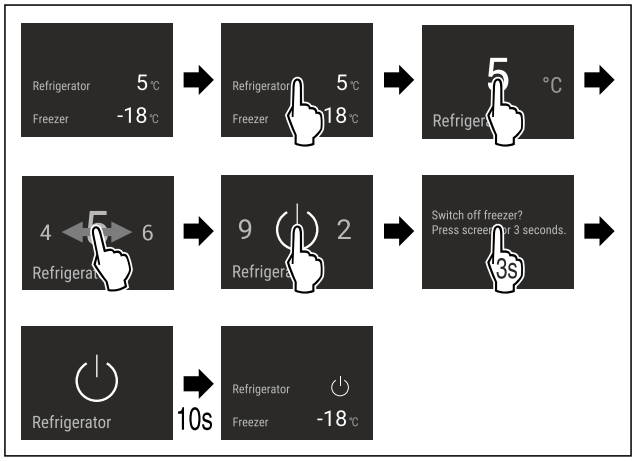


Fig. 10 Example illustration

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

Switching the fridge compartment on

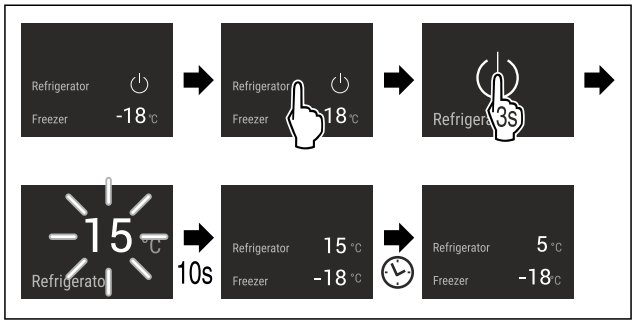


Fig. 11 Example illustration

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

WiFi

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

More information on the SmartDevice: (see 1.3 SmartDevice)

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

Establishing the WiFi connection for the first time

Make sure that the following requirements are fulfilled:

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

Fig. 12

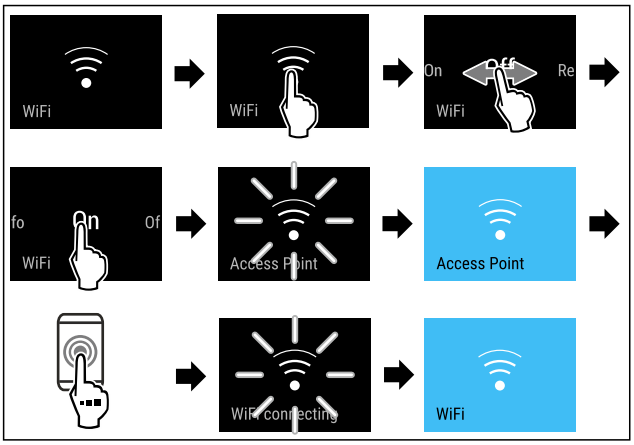


Fig. 13

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

Disconnecting from the WiFi

Fig. 14

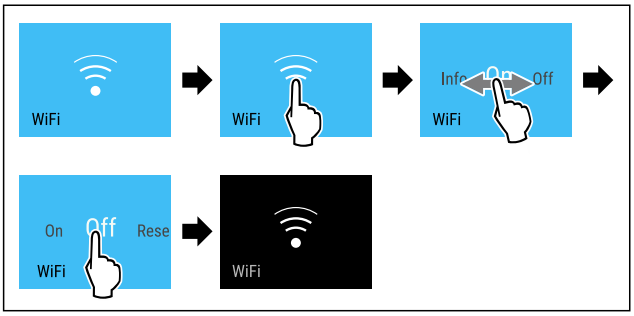


Fig. 15

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

Resetting the WiFi connection

Fig. 16

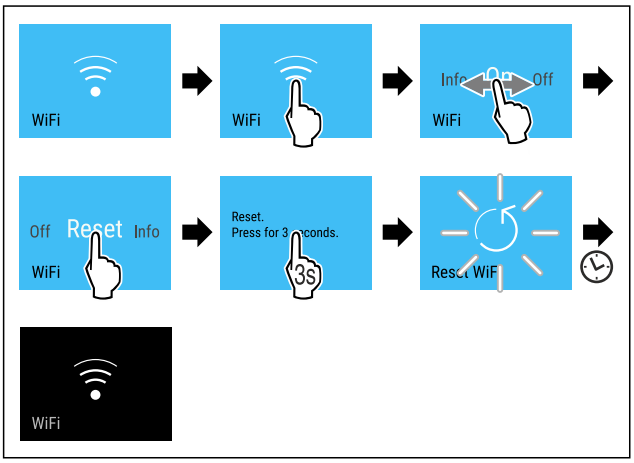


Fig. 17

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

Showing information about the WiFi connection

Fig. 18

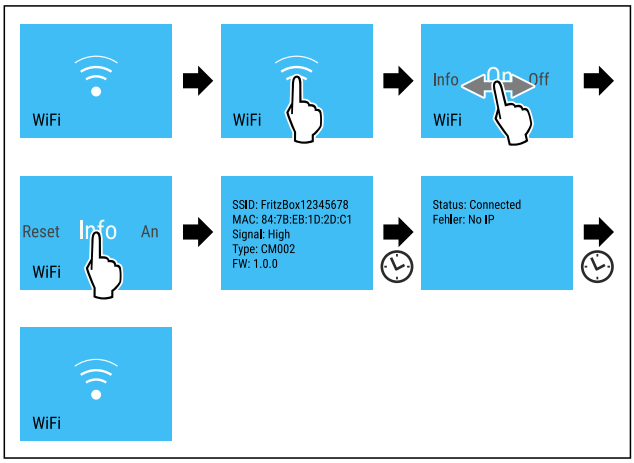


Fig. 19

▶ 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 for
- The room temperature of the installation site
- The type, temperature and amount of food

Temperature zone	Recommended setting
5 °C Fridge compartment	4 °C
-18 °C Freezer compartment	-18 °C

Setting the temperature in the fridge compartment

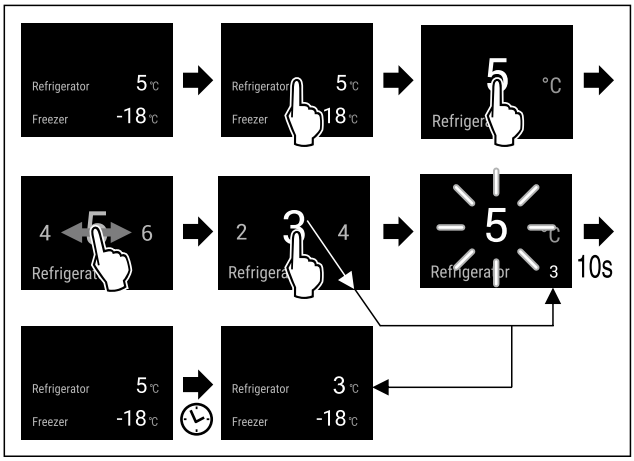


Fig. 20

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

Setting the temperature in the freezer compartment

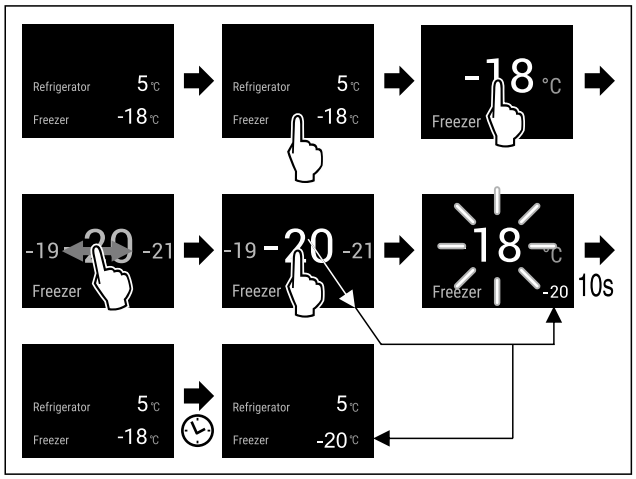


Fig. 21

▶ 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 degrees Celsius or degrees Fahrenheit as the temperature unit.

Setting the temperature unit

Fig. 22

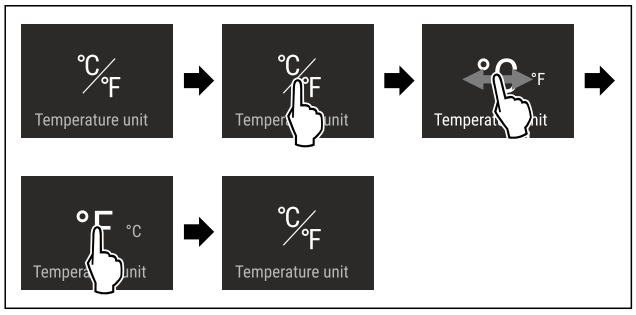


Fig. 23 Example illustration: Switch from degrees Celsius to degrees Fahrenheit.

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

D1 D-Value

Use this function to set the D-Value.

The D-Value specifies whether you are operating your fridge section with a dry rear wall or without a dry rear wall. The rear wall is installed in the appliance as delivered. The D-Value is pre-set to D1.

You can remove the rear wall for cleaning. (see 9.4.3 Cleaning the dry rear panel) In order to operate the appliance without a rear wall, you must set the D-Value to D2.

Note

The declared energy consumption was determined without a dry rear wall. The appliance is fully functional with a dry rear wall but its energy consumption will be slightly higher. Liebherr recommends:

▶ Operate the appliance with a dry rear wall in order to prevent visible condensate and the food freezing.

Setting the D-Value

Fig. 24

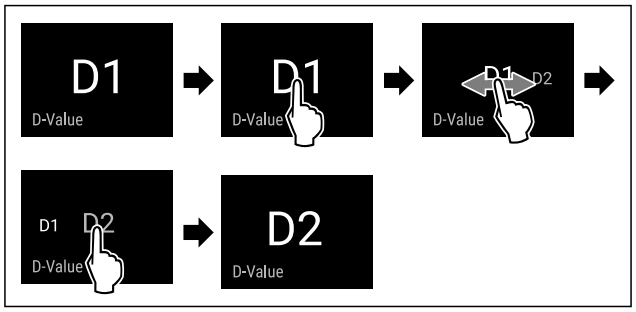


Fig. 25 Example illustration: Switch from D1 to D2.

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

SuperCool

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

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

Activating SuperCool

Time for activation of the function:

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

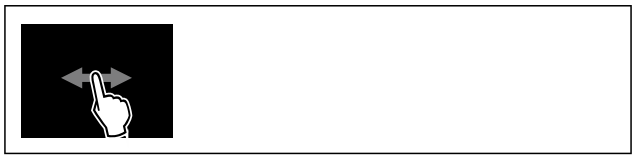


Fig. 26

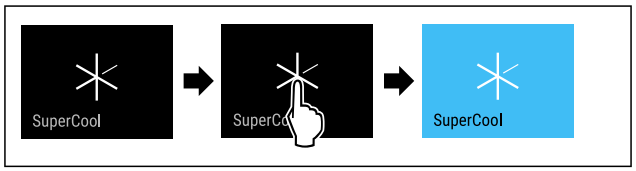


Fig. 27

▶ Carry out action steps according to the illustration.
-or-
▶ Activate with the SmartDevice app.

▷ SuperCool is activated.
▷ The temperature display turns blue.

Deactivating SuperCool

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

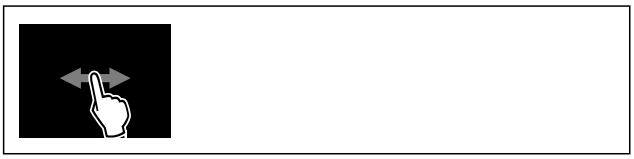


Fig. 28

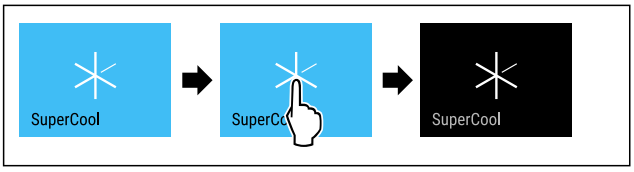


Fig. 29

▶ Carry out action steps according to the illustration.

-or-

▶ Deactivate with the SmartDevice app.

▷ SuperCool is deactivated.
▷ The appliance continues to run in normal mode.
▷ The appliance cools to the temperature set previously.

PowerCool

You can use this function to activate or deactivate PowerCool. PowerCool ensures optimised temperature layers for cooling your food.

The function applies to the fridge section.

Application:

- At higher room temperatures (as of approx. 35 °C)
- At high humidity, e.g. on summer days
- When storing moist food, in order to prevent condensate forming in the interior

Note
The fan may also run even if the function is deactivated. It therefore ensures even temperature distribution in the appliance.

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

Activating PowerCool

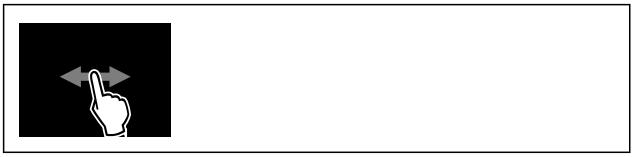


Fig. 30

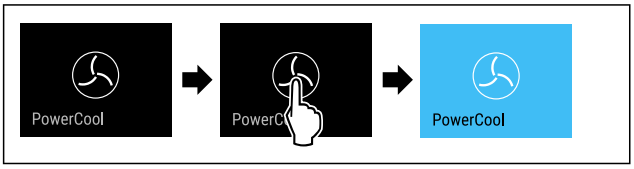


Fig. 31

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

Deactivating PowerCool

Fig. 32

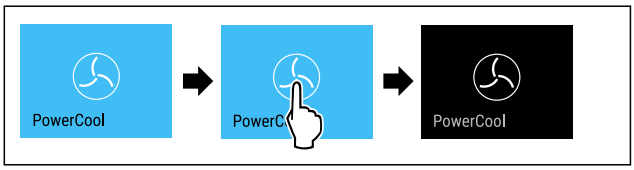


Fig. 33

▶ 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 9.4.5 Cleaning the IceMaker*) *

WARNING
Risk of food poisoning!
▶ Do not re-freeze thawed food.
▶ Use defrosted foodstuff as soon as possible.

Fig. 34

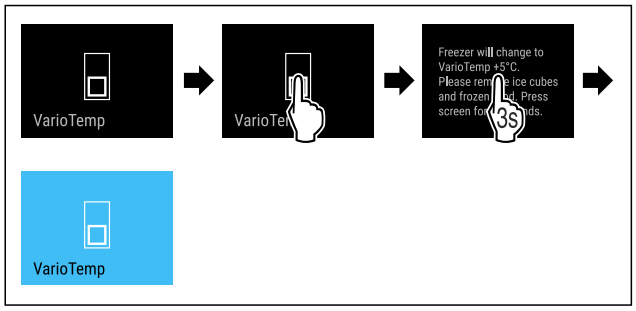


Fig. 35

▶ Carry out steps according to the illustration.
▷ VarioTemp is activated.
▷ VarioTemp is set to the preselected value.
▷ The status display does not show the preset temperature until it is reached.

Adjusting VarioTemp

Make sure that the following requirements are fulfilled:

❑ The VarioTemp is activated. (see Activating VarioTemp)

WARNING

Risk of food poisoning!

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

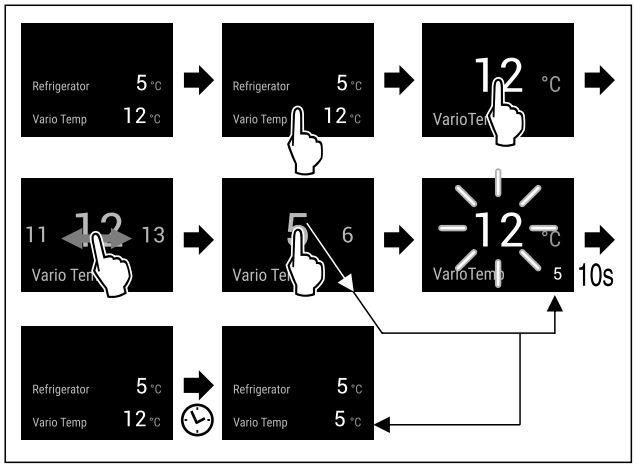


Fig. 36 Example illustration: Change VarioTemp from 12 °C to 5 °C for a fridge-freezer combination with EasyFresh.

▶ 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. 37

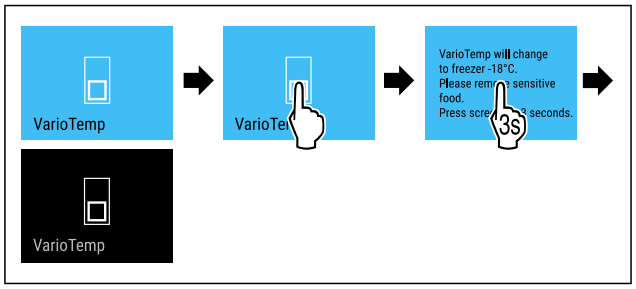


Fig. 38

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

SuperFrost

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

Application:

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

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

Activating SuperFrost

Make sure that the following requirements are fulfilled:

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

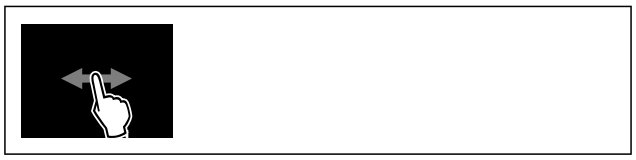


Fig. 39

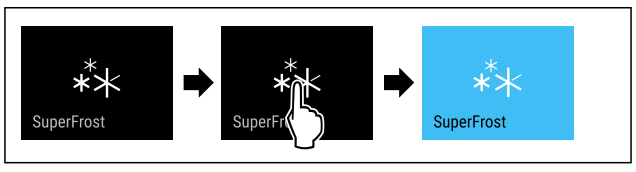


Fig. 40

▶ Carry out action steps according to the illustration.

-or-

▶ Activate with the SmartDevice app.

▷ SuperFrost is activated.
▷ The temperature display turns blue.

Deactivating SuperFrost

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

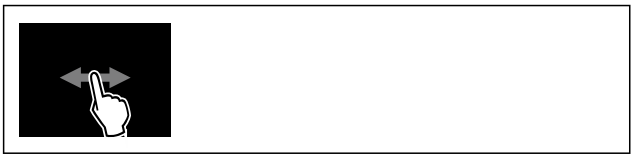


Fig. 41

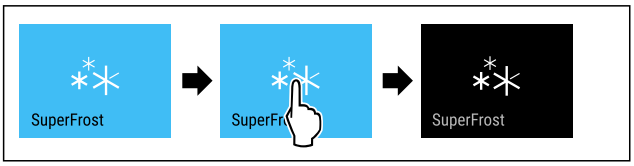


Fig. 42

▶ Carry out action steps according to the illustration.

-or-

▶ Deactivate with the SmartDevice app.

▷ SuperFrost is deactivated.
▷ The appliance continues to run in normal mode.
▷ The appliance cools to the temperature set previously.

Start defrosting cycle

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

Starting defrosting cycle

Fig. 43

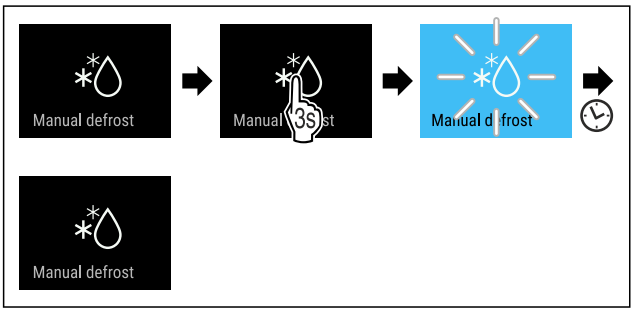


Fig. 44

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

Cancelling defrosting cycle

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

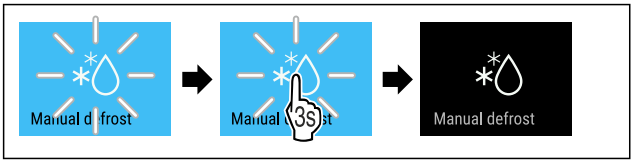


Fig. 45

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

PartyMode

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

PartyMode activates the following functions:

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

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

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

Activating PartyMode

Make sure that the following requirements are fulfilled:*

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

Fig. 46

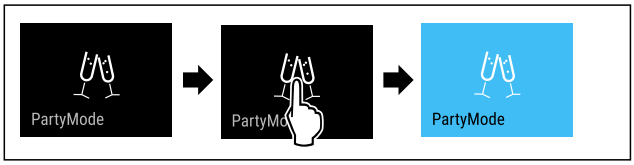


Fig. 47

▶ Carry out action steps according to the illustration.
▷ PartyMode and the associated functions are activated.
▷ The temperature display turns blue.
▷ The current temperature flashes until the target temperature is reached.

Deactivating PartyMode

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

Fig. 48

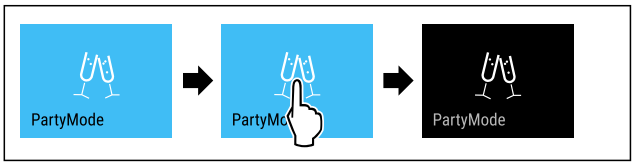


Fig. 49

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

HolidayMode

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

The set freezer temperature remains unchanged.

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

Use:

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

Activating/deactivating the function

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

SabbathMode

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

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

Device status

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

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

Activating SabbathMode

WARNING
Danger of food poisoning from spoiled food!
If you have SabbathMode activated and a power failure occurs, no message appears in the status display about the power failure. Once the power is restored, the appliance continues to operate in SabbathMode. The power failure may mean that food spoils and the consumption of this food could lead to food poisoning.
After a power failure:
▶ Do not consume food that was frozen and has thawed out.

Fig. 50

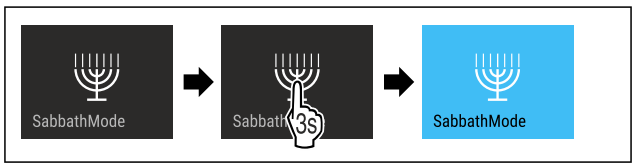


Fig. 51

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

Deactivating SabbathMode

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

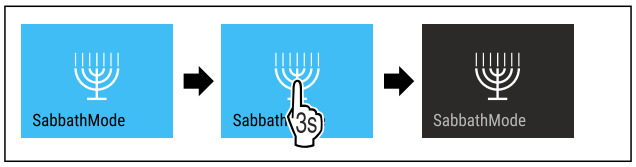


Fig. 52

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

EnergySaver

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

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

Temperatures

*** Depending on model and options**

Activating EnergySaver

Fig. 53

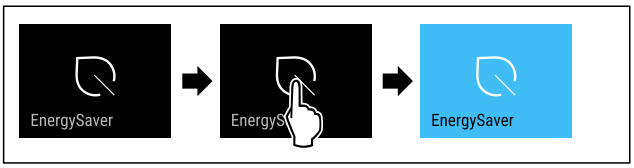


Fig. 54

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

Deactivating EnergySaver

Fig. 55

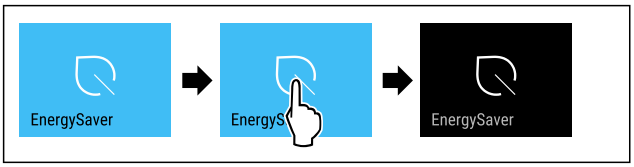


Fig. 56

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

IceMaker / MaxIce *

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

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

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

Activating IceMaker

Make sure that the following requirements are fulfilled:

❑ The water supply is established at the fixed water connection. See installation instructions.*
❑ IceMaker is put into operation. (see 8.10 IceMaker*)

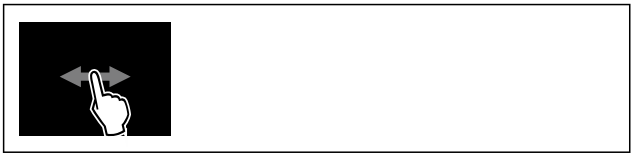


Fig. 57

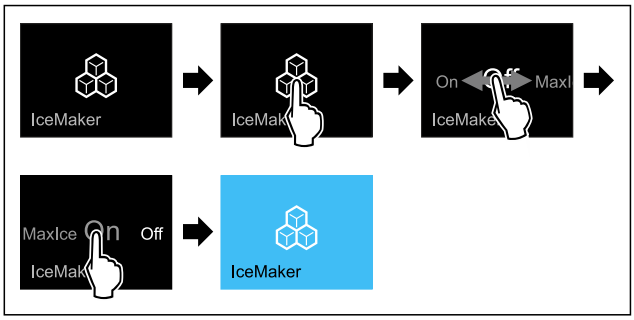


Fig. 58

▶ Carry out action steps according to the illustration.
-or-
▶ Activate with the SmartDevice app.

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

Activating the IceMaker with MaxIce

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

❑ The water supply is established at the fixed water connection. See installation instructions.*
❑ IceMaker is put into operation. (see 8.10 IceMaker*)

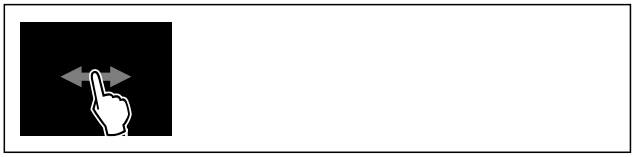


Fig. 59

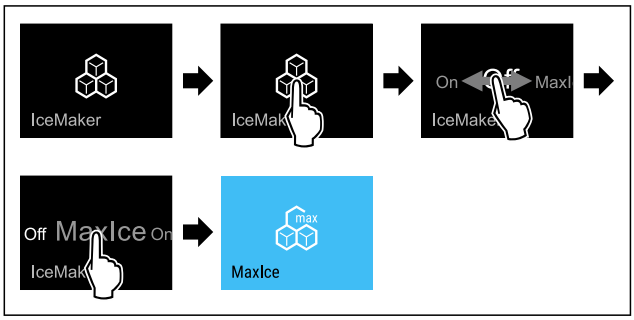


Fig. 60

▶ Carry out action steps according to the illustration.
-or-
▶ Activate with the SmartDevice app.

▷ The IceMaker is activated with MaxIce.

Changing between the IceMaker and MaxIce

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

Fig. 61

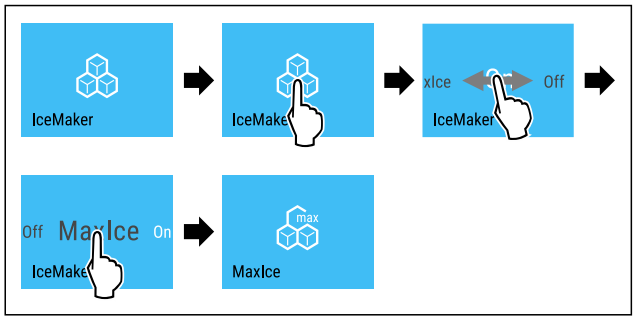


Fig. 62

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

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

Fig. 63

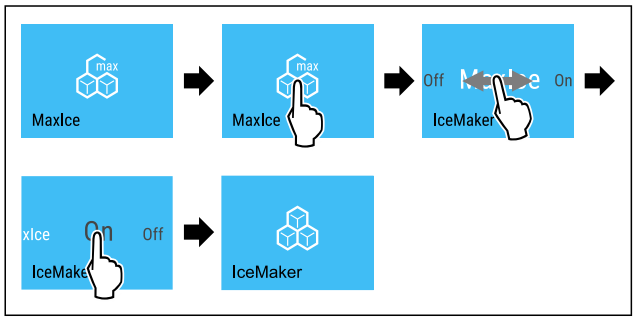


Fig. 64

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

Deactivating the IceMaker / MaxIce

Fig. 65

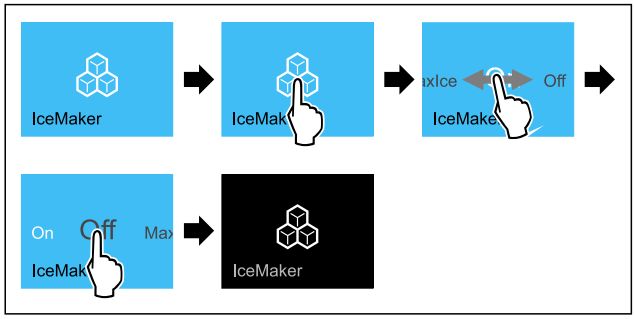


Fig. 66 Example illustration of the active IceMaker function

▶ 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.

5 IceMaker water supply*

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

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

Setting the IceMaker water supply

Make sure that the following requirements are fulfilled:

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

Fig. 67

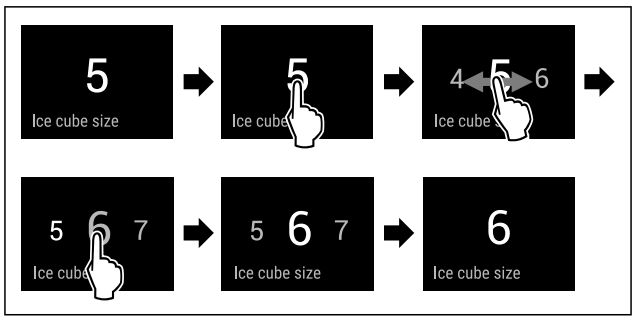


Fig. 68 Example illustration: Switch from value 5 to value 6.

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

TubeClean *

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

Activating TubeClean

Make sure that the following requirements are fulfilled:

❑ IceMaker cleaning is prepared. (see 9.4.5 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 in the drawer under the IceMaker.

Fig. 69

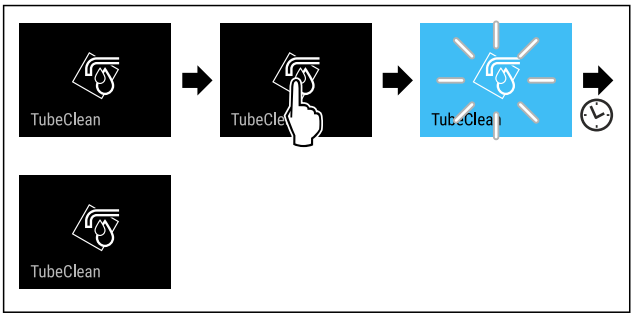


Fig. 70

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

Deactivating TubeClean

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

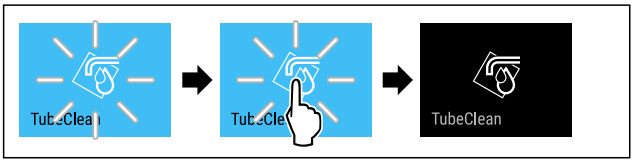


Fig. 71

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

CleaningMode

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

This setting applies to the fridge section.

Application:

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

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

Device status

Activating CleaningMode

Fig. 72

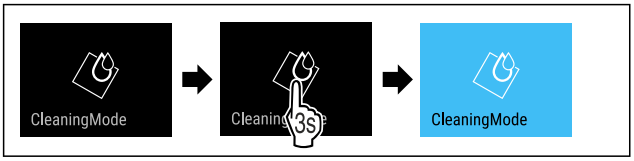


Fig. 73

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

Deactivating CleaningMode

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

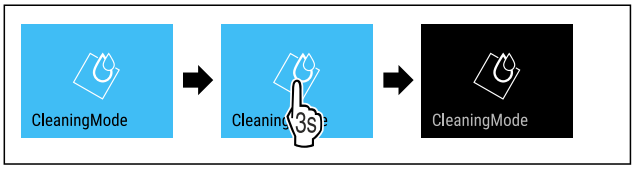


Fig. 74

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

Display brightness

Use this function to set the display brightness in stages.

You can select the following brightness levels:

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

Setting the display brightness

Fig. 75

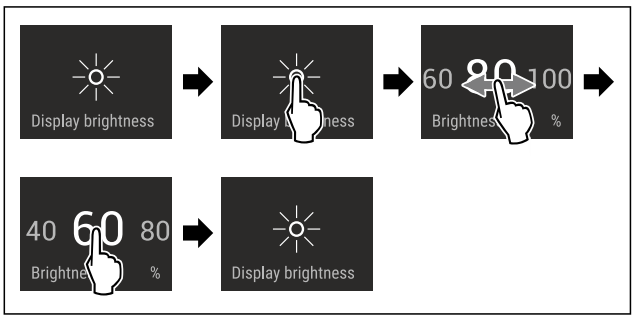


Fig. 76 Example illustration: Switch from 80 % to 60 %.

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

Door alarm

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

The following values can be set:

- 1 minute
- 2 minutes
- 3 minutes
- Off

Setting the door alarm

Fig. 77

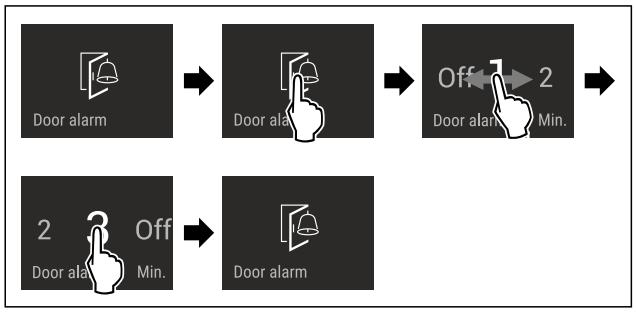


Fig. 78 Example illustration: Change door alarm from 1 minute to 3 minutes.

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

Deactivating the door alarm

Fig. 80

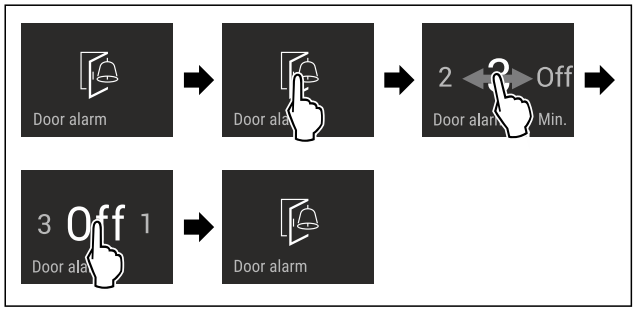


Fig. 81

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

Input lock

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

Application:

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

Activating the input lock

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

Fig. 82

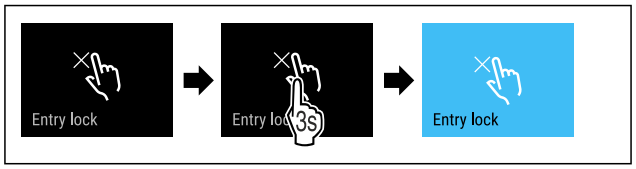


Fig. 83

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

Deactivating the input lock

Fig. 84

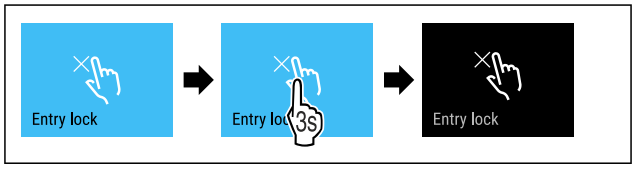


Fig. 85

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

Language

Use this function to set the display language.

You can select the following languages:

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

Setting the language

Fig. 86

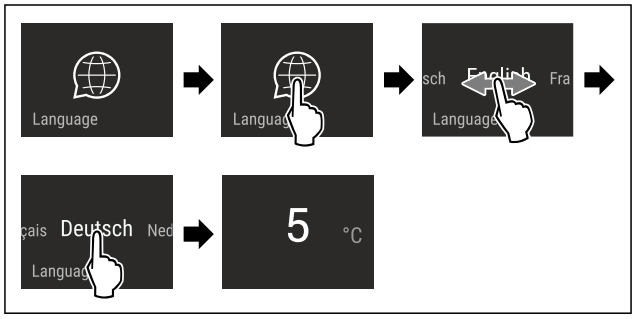


Fig. 87 Example illustration depending on the language and temperature

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

Device information

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

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

Indicating the device information

Fig. 88

Fig. 89

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

Software

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

Indicating the software version

Fig. 90

Fig. 91

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

Reminder

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

Replace FreshAir active carbon filter

This message appears when the air filter needs replacing.

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

Activating the setting

▶ Activating/deactivating .

Demo mode

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

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

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

Activating demo mode

Fig. 92

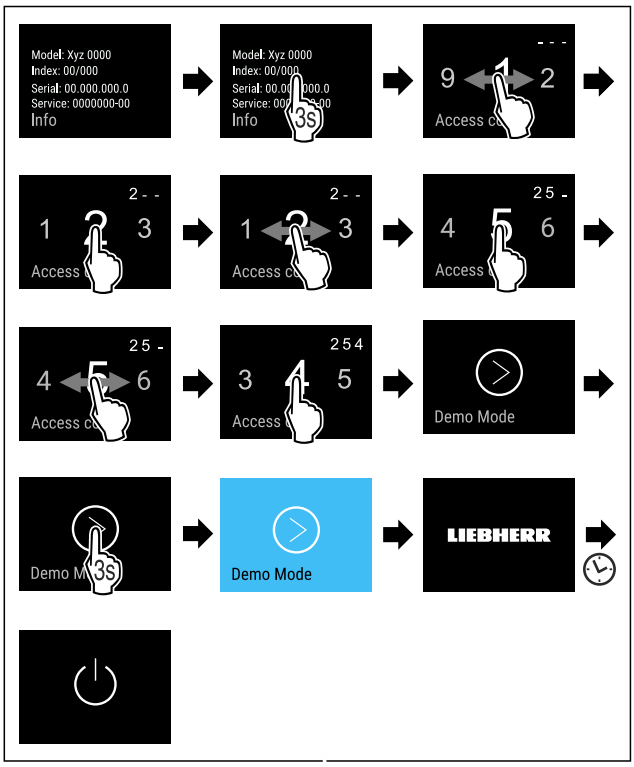


Fig. 93

▶ 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. 94

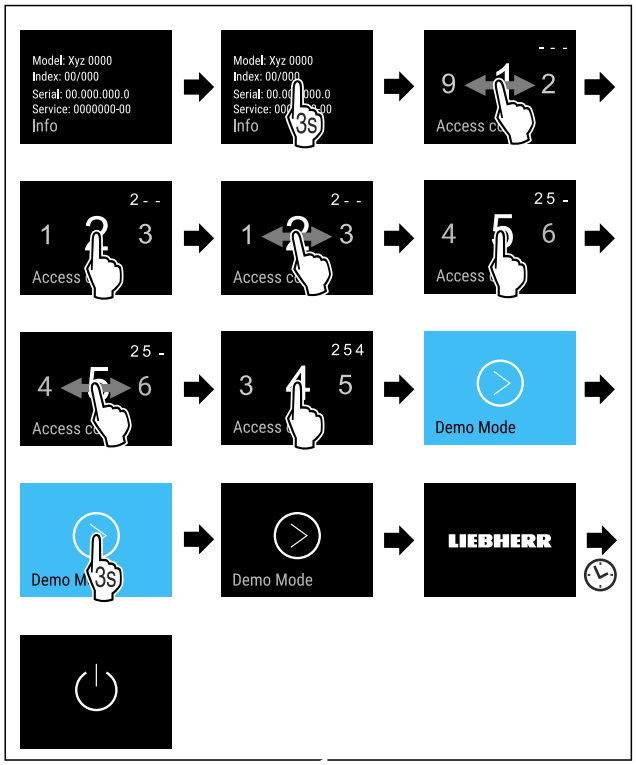


Fig. 95

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

Resetting to factory settings

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

Performing a reset

Fig. 96

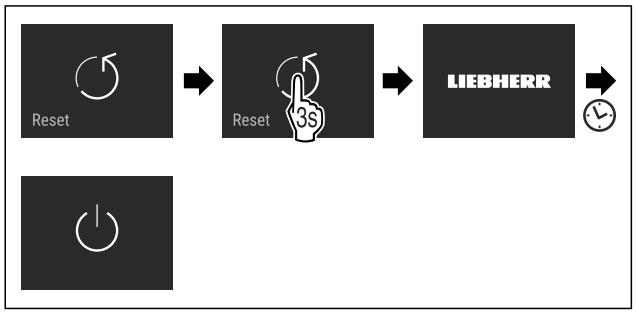


Fig. 97

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

7.3 Fault messages

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

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

7.3.1 Warnings

Close the door

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

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

▶ Stop alarm: Confirm the message.

-or-

▶ Close the door.

Power cut

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

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

Temperature alarm

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

Variations in temperature could be because:

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

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

▶ Confirm the display.
▷ The highest temperature is shown.
▶ Confirm display again.
▷ The status display is displayed.
▷ The current temperature is shown.

Error

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

▶ Open the door.
▶ Note down the fault code.
▶ Confirm the message.
▷ The signal tone stops.
▷ The status display appears.
▶ Close the door.
▶ Contact customer service. (see 10.4 Customer Service)

7.3.2 Message

Insert IceMaker drawer*

This message appears if the IceMaker drawer is open.
▶ Push in the IceMaker drawer.
▷ The message disappears.
▷ The IceMaker produces ice cubes.

8 Features

8.1 Door rack

8.1.1 Move/remove the door rack

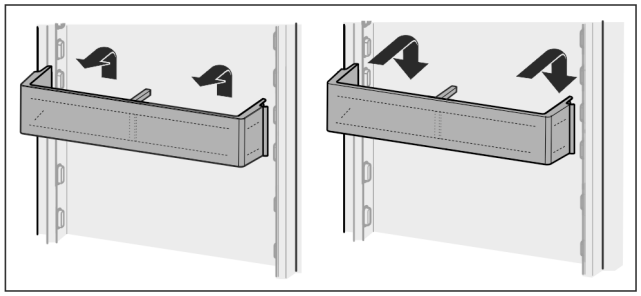


Fig. 98

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

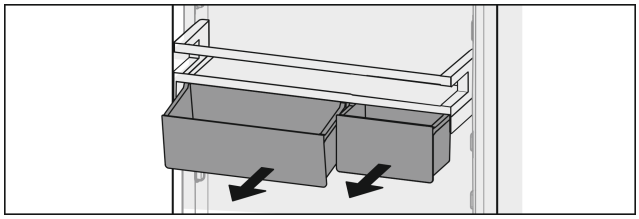


Fig. 99

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

Move the VarioBox shelf:

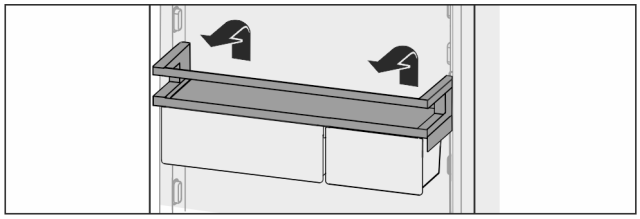


Fig. 100

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

Moving the VarioBoxes:

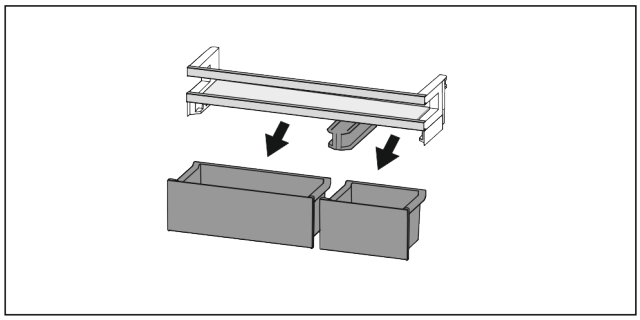


Fig. 101

If the door rack is removed:
▶ Remove containers.

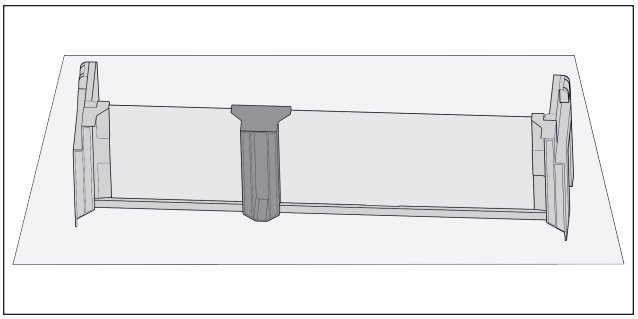


Fig. 102

▶ Place the shelf on the table.

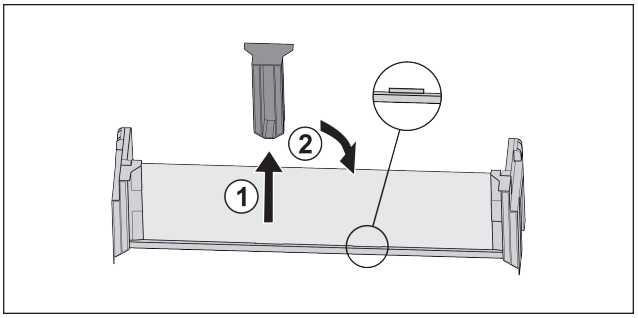


Fig. 103

▶ Pull off the middle holder *Fig. 103 (1)*.
▶ Insert the middle holder in the second position *Fig. 103 (2)*.

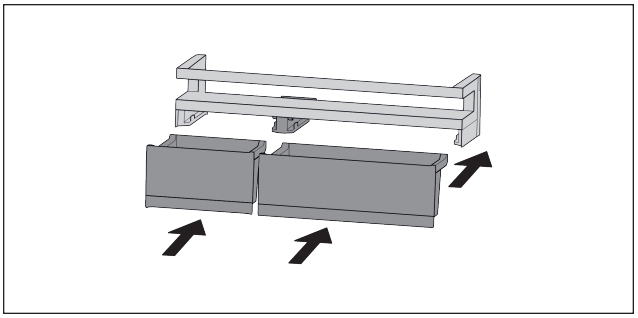


Fig. 104

▶ Replace containers.

8.1.2 Disassembling the door rack

The door rack can be taken apart for cleaning.

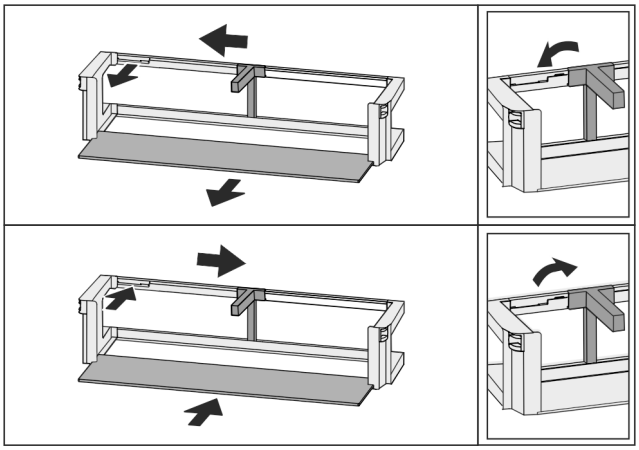


Fig. 105

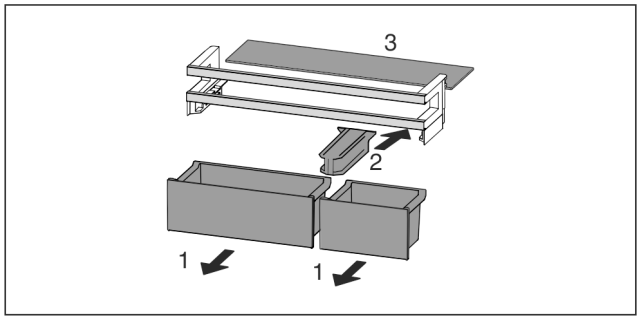


Fig. 106

▶ Disassemble the door rack.

8.2 Shelves

8.2.1 Adjusting/removing the shelves

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

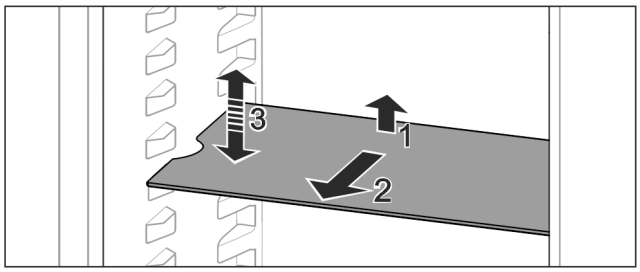


Fig. 107

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

-or-

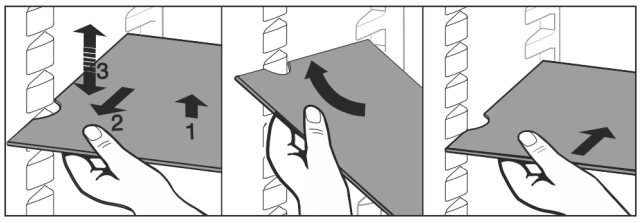


Fig. 108

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

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

You can also remove the shelf above the EasyFresh compartments.

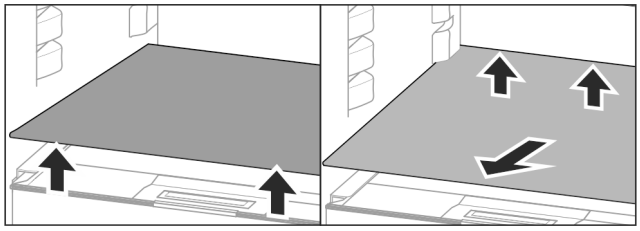


Fig. 109

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

Do not store any goods on the compartment cover below!

Inserting the shelf:

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

8.2.2 Dismantling the shelves

The shelves can be dismantled for cleaning.

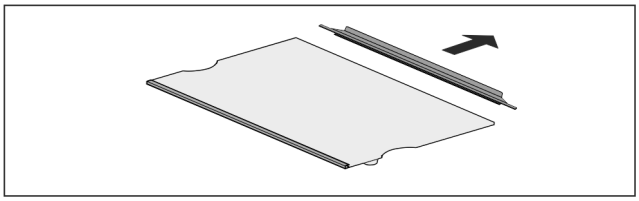


Fig. 110

▶ Dismantling the shelf.

8.3 Dividing shelf

8.3.1 Using the dividing shelf

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

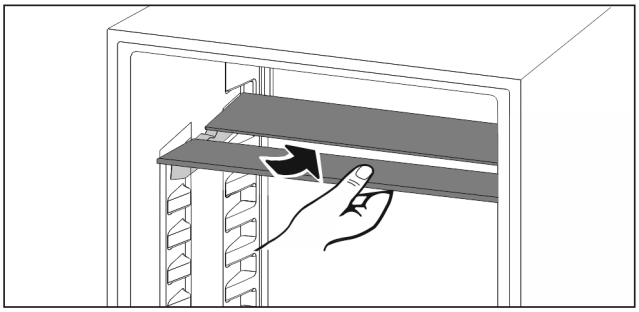


Fig. 111

▶ Push the dividing shelf underneath as shown.

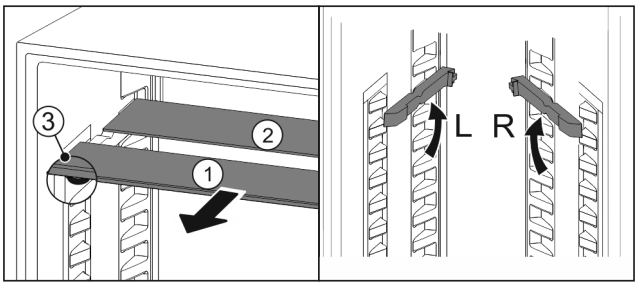


Fig. 112

Adjusting the height:
▶ Pull the glass panels out *Fig. 112 (1)* from the front, one at a time.
▶ Release the support rails and click in at the height you want.
▶ Slide in the glass panels one at a time.
▷ Flat pull-out stoppers at the front, right behind the support rails.
▷ High pull-out stoppers at the back.

Using both shelves:
▶ Hold the glass panel with one hand and pull it to the front.
▷ The glass panel *Fig. 112 (1)* and trim strip are at the front.
▷ The stops *Fig. 112 (3)* point down.

8.4 VarioSafe

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

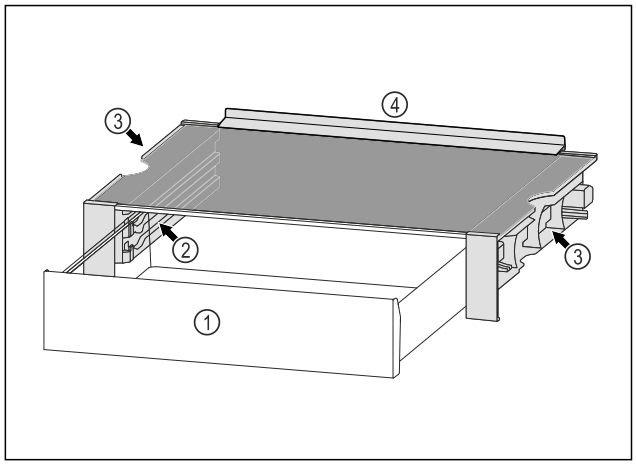


Fig. 113

(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

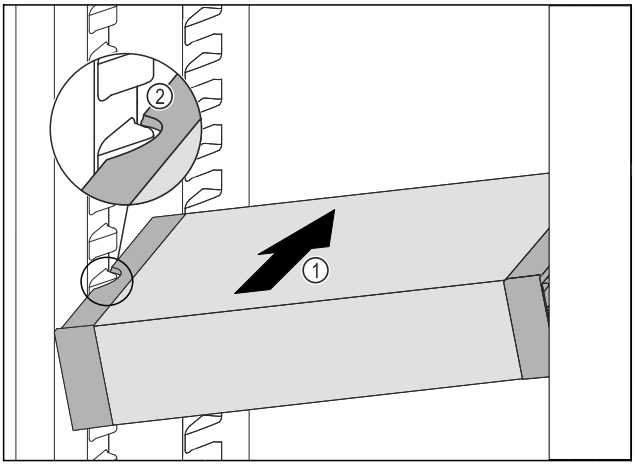


Fig. 114

▶ Insert the VarioSafe into the fridge section at an angle *Fig. 114 (1)* until the recesses in the side *Fig. 114 (2)* of the VarioSafe are at the level of the support rib in the fridge section.

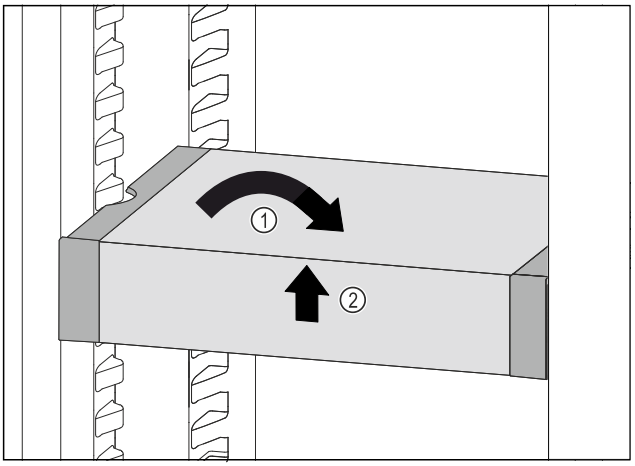


Fig. 115

▶ Set VarioSafe straight. *Fig. 115 (1)*

▶ Lift VarioSafe at the front. *Fig. 115 (2)*

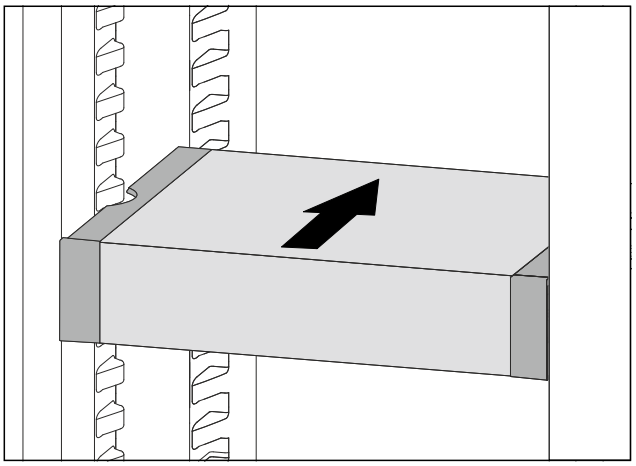


Fig. 116

▶ 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.

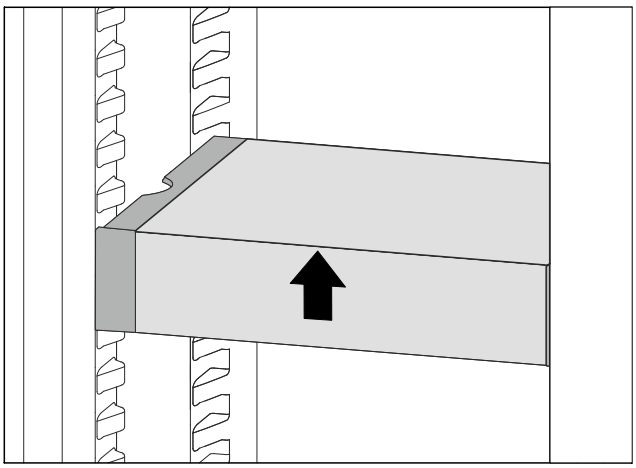


Fig. 117

▶ Lift VarioSafe at the front.

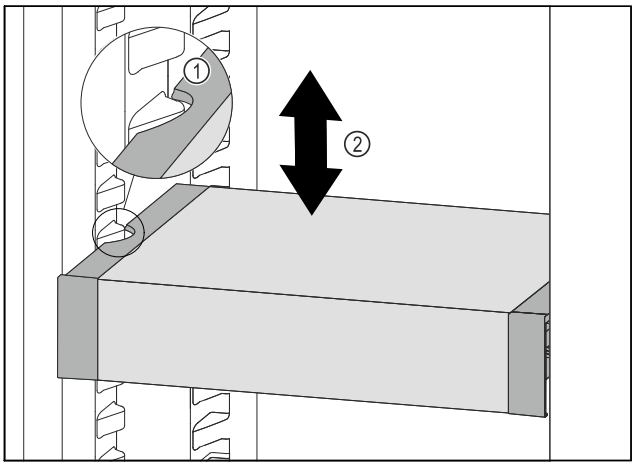


Fig. 118

▶ 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. 118 (1)*

▶ Move VarioSafe up or down in the refrigerator compartment until the desired height is reached. *Fig. 118 (2)*

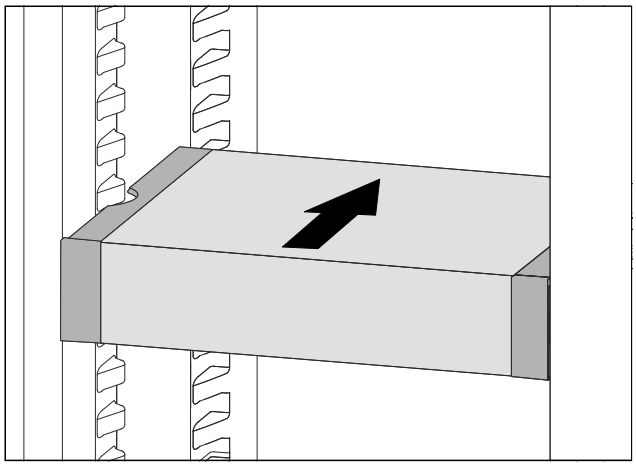


Fig. 119

▶ 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.

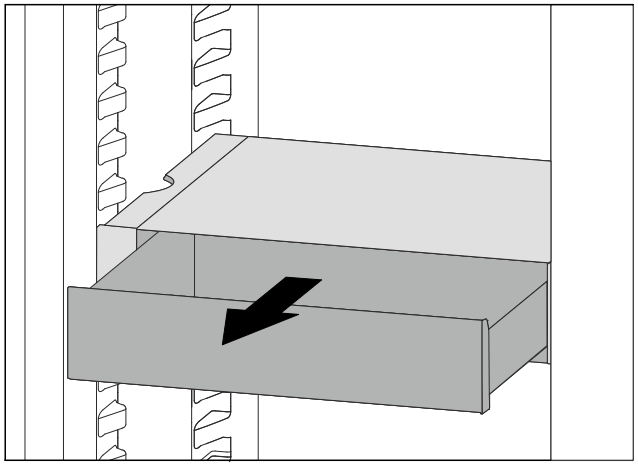


Fig. 120

▶ 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.

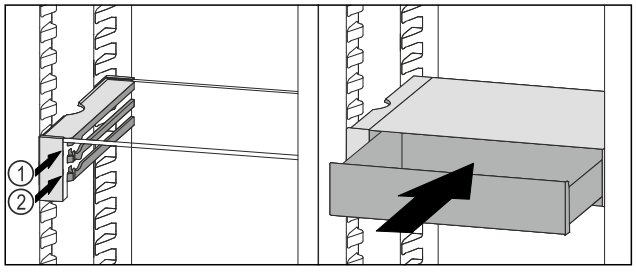


Fig. 121

▶ Lift the VarioSafe drawer up at the front.
▶ Place the VarioSafe drawer behind the stoppers on desired rib *Fig. 121 (1)* or *Fig. 121 (2)*.
▷ VarioSafe drawer is offset in height.

8.4.4 Removing the VarioSafe

You can remove the VarioSafe as a whole.

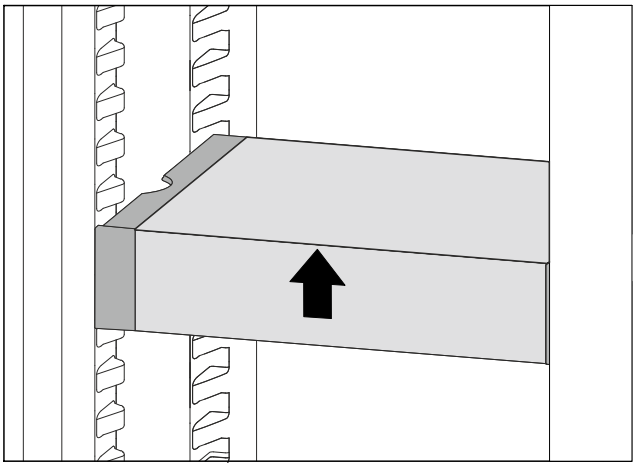


Fig. 122

▶ Lift VarioSafe at the front.

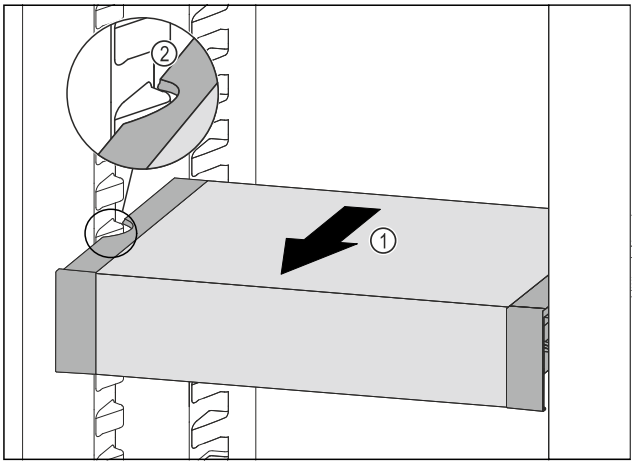


Fig. 123

▶ Pull VarioSafe forwards *Fig. 123 (1)* until the recesses in the side of the VarioSafe are at the level of the support rib in the fridge section. *Fig. 123 (2)*

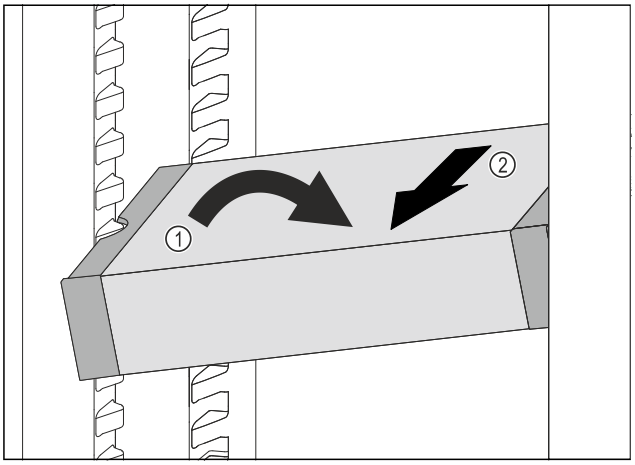


Fig. 124

▶ Set VarioSafe in refrigerator compartment at an angle. *Fig. 124 (1)*
▶ Take VarioSafe out to the front. *Fig. 124 (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.

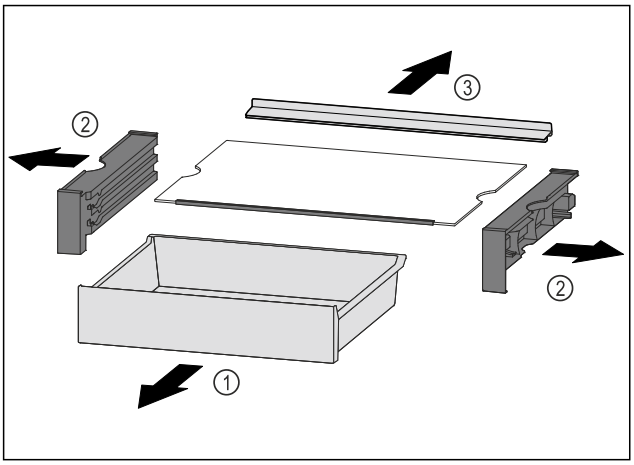


Fig. 125

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

8.5 Space for baking tray

There is space for a baking tray *Fig. 1 (7)* above the drawers.

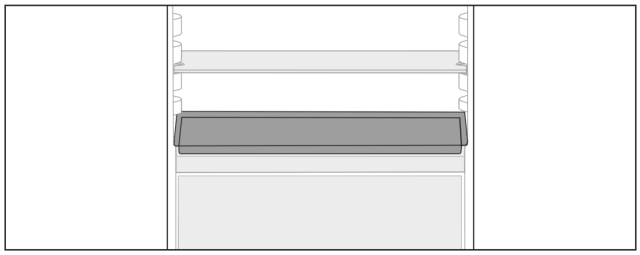


Fig. 126

Ensure that the following conditions are met:

❑ Max. baking tray dimensions are adhered to (see 10.1 Technical specifications) .
❑ Baking tray is cooled to room temperature.
❑ The lowest door rack is set at least one position higher.

With the door open to 90°:

▶ Slide the baking tray onto the lower side runners.

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 various pull-out systems.

Note

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

▶ Leave the bottom drawer in the appliance!
▶ Always leave the fan air vents clear on the back wall!

8.6.1 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

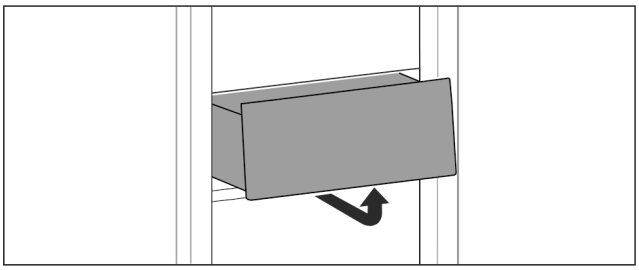


Fig. 127

▶ Remove drawer as shown in the illustration.

Inserting drawer

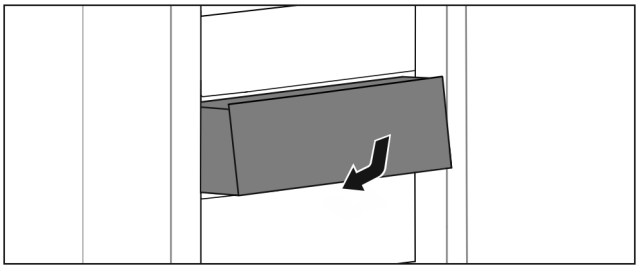


Fig. 128

▶ Insert drawer as shown in the illustration.

8.6.2 Drawer on telescopic rails

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

Fully extendible*

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

Removing drawer

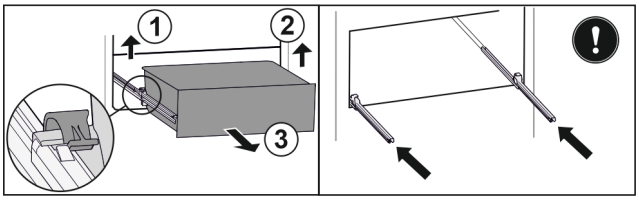


Fig. 129

▶ Pull out drawer as far as it will go.
▶ Lift left clamp and simultaneously pull drawer forwards on the left. *Fig. 129 (1)*
▶ Lift right clamp and simultaneously pull drawer forwards on the right. *Fig. 129 (2)*
▶ Remove drawer to the front. *Fig. 129 (3)*
▶ Slide rails in.

Inserting drawer

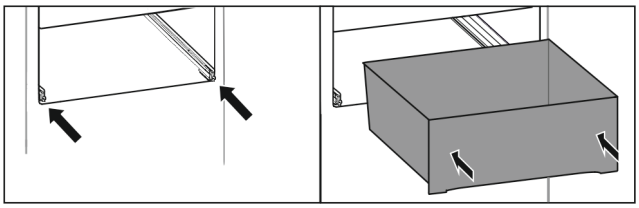


Fig. 130

▶ 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

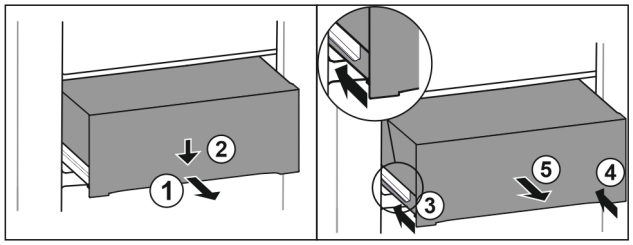


Fig. 131

- ▶ Pull out drawer half-way. *Fig. 131 (1)*
- ▶ Push the drawer down at the front. *Fig. 131 (2)*
- ▶ Push the left rail in by about 2 cm. *Fig. 131 (3)*
- ▶ Push the right rail in by about 2 cm. *Fig. 131 (4)*
- ▶ Remove drawer to the front. *Fig. 131 (5)*

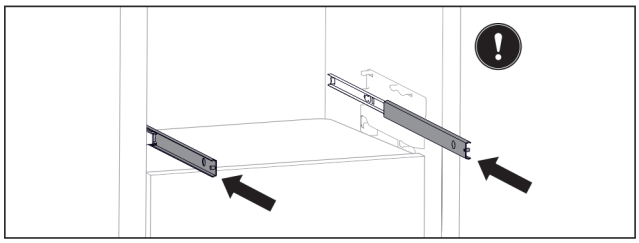


Fig. 132

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

- ▶ Push rails in completely.

Inserting drawer

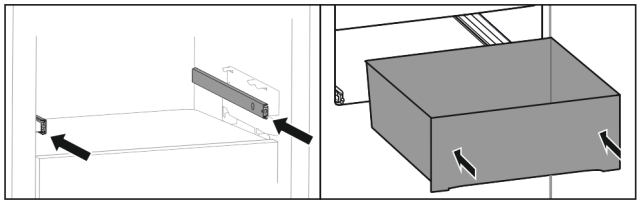


Fig. 133

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

Partial pull-out freezer compartment

Note

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

- ▶ Do not damage or remove the magnet.

Removing drawer

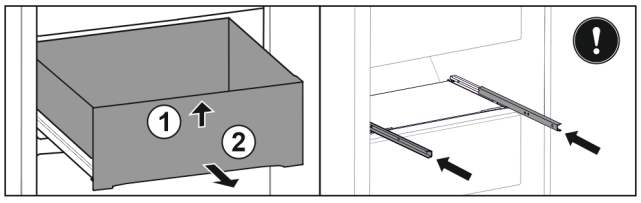


Fig. 134

If the drawer is in the top freezer:

- ▶ Pull out drawer as far as it will go.
- ▶ Lift up drawer at the front. *Fig. 134 (1)*
- ▶ Remove drawer to the front. *Fig. 134 (2)*
- ▶ Slide rails in.

-or-

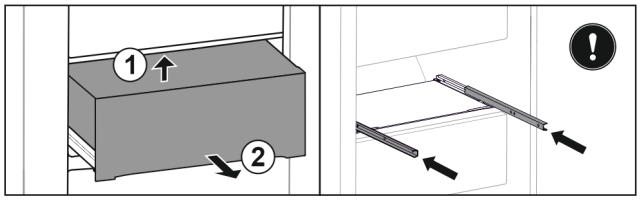


Fig. 135

If the drawer is in the middle part of the freezer compartment:

- ▶ Pull out drawer half-way.
- ▶ Lift drawer from below. *Fig. 135 (1)*
- ▶ Remove drawer to the front. *Fig. 135 (2)*
- ▶ Slide rails in.

Inserting drawer

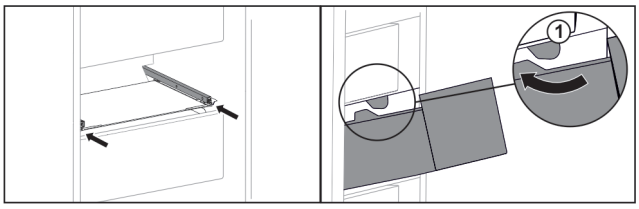


Fig. 136

- ▶ Slide rails in.
- ▶ Guide drawer around the stoppers *Fig. 136 (1)*.
- ▶ Place drawer on rails.
- ▶ Slide in drawer to the back.

8.7 EasyFresh-Safe cover

You can remove the compartment cover for cleaning.

8.7.1 Removing the compartment cover

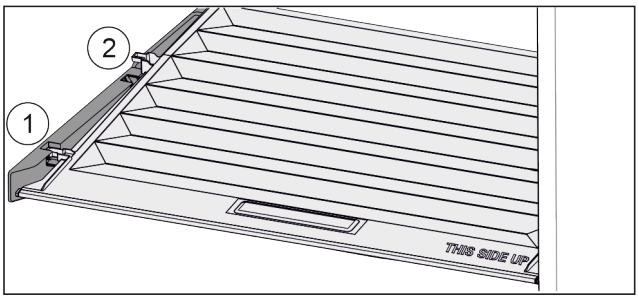


Fig. 137

When the drawers are removed:

- ▶ Pull the lid up at the front to the opening in the retaining parts *Fig. 137 (1)*.
- ▶ Lift from the back and pull it up and out *Fig. 137 (2)*.

8.7.2 Inserting the compartment cover

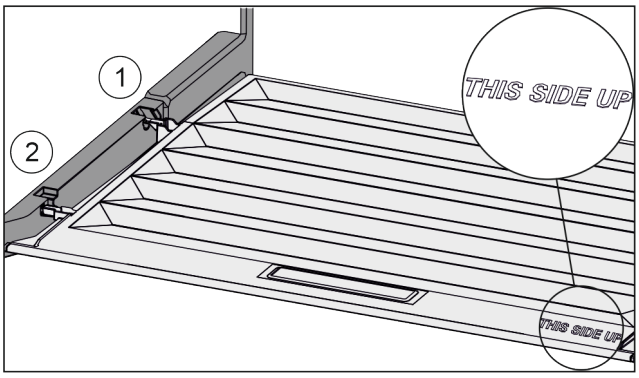


Fig. 138

If the text THIS SIDE UP points upwards:

*** Depending on model and options**

▶ Insert the lip of the cover over the opening of the rear bracket *Fig. 138 (1)* and click into place *Fig. 138 (2)*.
▶ Position the cover where you want it (see 8.8 Adjusting the moisture levels) .

8.8 Adjusting the moisture levels

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

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

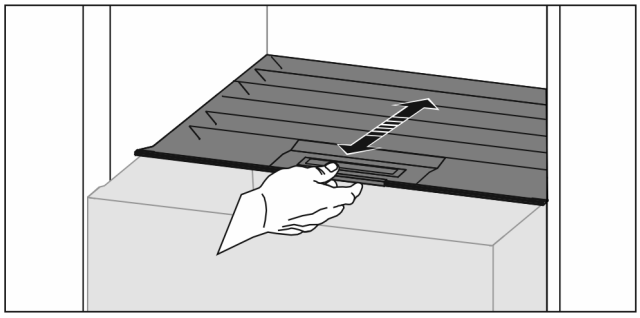


Fig. 139

Low air humidity
▶ Open the drawer.
▶ Slide the compartment cover forwards.
▷ With the drawer closed: Gap between the cover and the compartment.
▷ The air moisture in the Safe decreases.

High air moisture
▶ Open the drawer.
▶ Slide the cover back.
▷ With the drawer closed: The cover seals the compartment.
▷ The air moisture in the Safe increases.
If there is too much moisture in the compartment:
▶ Choose the setting “low air moisture”.
-or-
▶ Remove any excess moisture with a cloth.

8.9 Glass shelves

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

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

8.9.1 Removing / inserting the glass shelf

Make sure that the following requirements are fulfilled:

❑ Glass shelf under the drawer: The drawer has been removed. (see 8.6 Drawers)

Removing glass shelf

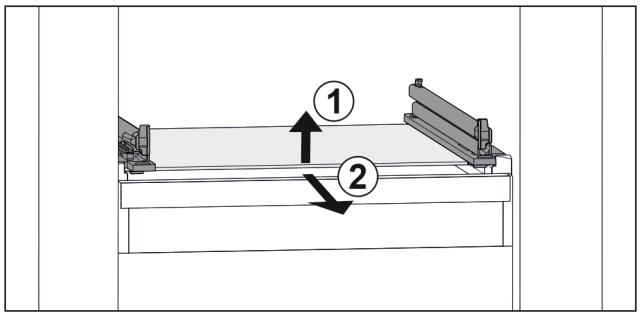


Fig. 140 Example illustration of glass shelf

▶ Lift glass shelf at the front. *Fig. 140 (1)*
▶ Take out glass shelf to the front. *Fig. 140 (2)*

Inserting glass shelf

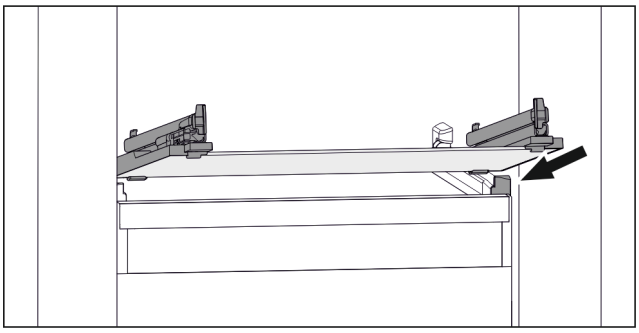


Fig. 141 Example illustration of glass shelf

▶ Position glass shelf at an angle behind the stoppers. (see Fig. 141)
▶ Lower glass shelf.
▶ Slide in glass shelf to the back.

8.10 IceMaker*

The IceMaker will produce ice cubes for household use only.

Ensure that the following conditions are met:

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

8.10.1 Producing ice cubes

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

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

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

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

8.10.2 Using the drawer with the IceMaker deactivated

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

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

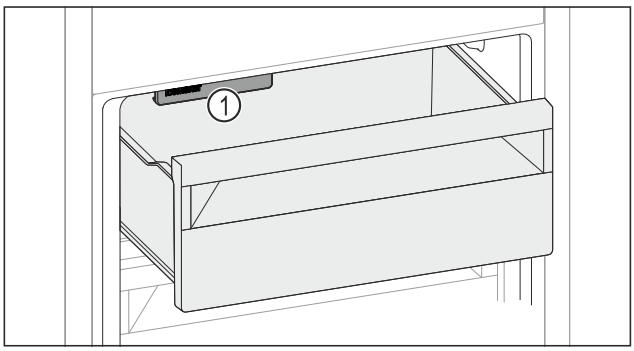


Fig. 142

▶ Place food in drawer.
If you put food in the left side of the drawer:
▶ Watch out for the IceMaker *Fig. 142 (1)*.

8.11 VarioSpace

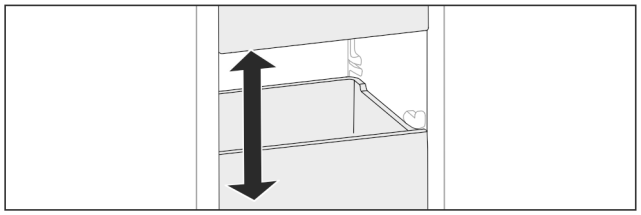


Fig. 143

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

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

8.12 Butter dish

8.12.1 Opening/closing the butter dish

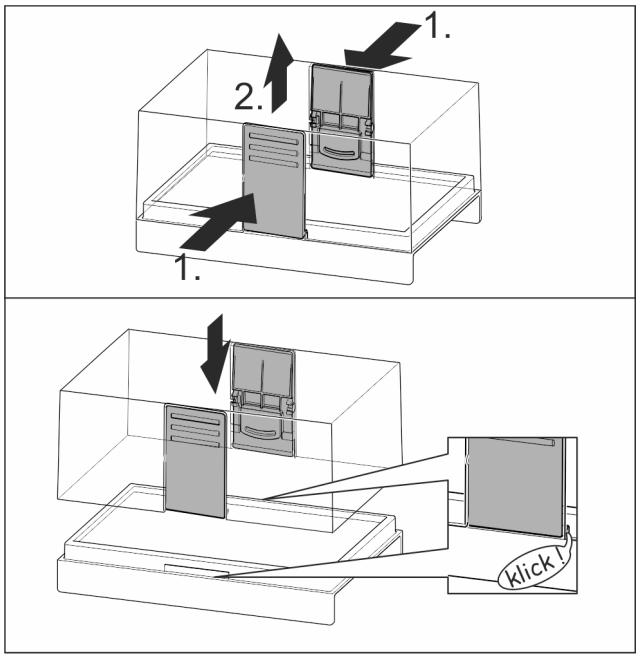


Fig. 144

8.12.2 Dismantling the butter dish

You can take the butter dish apart for cleaning.

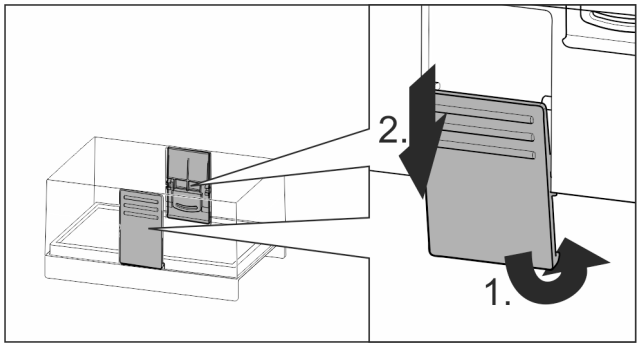


Fig. 145

▶ Disassembling the butter dish.

8.13 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.

8.13.1 Using the egg rack

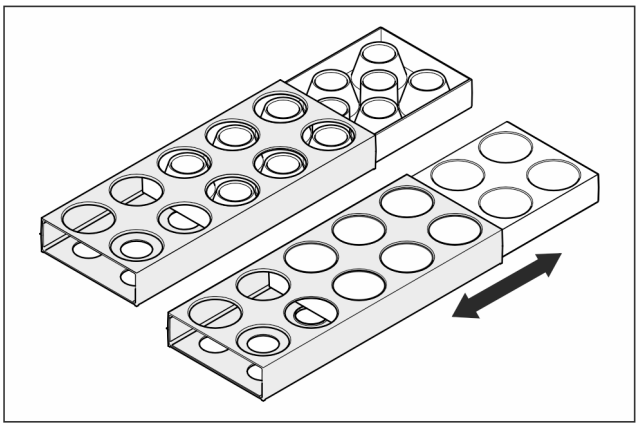


Fig. 146

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

8.14 Bottle holder

8.14.1 Using the bottle holder

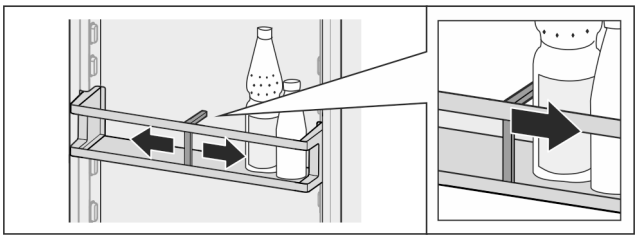


Fig. 147

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

8.14.2 Removing the bottle holder

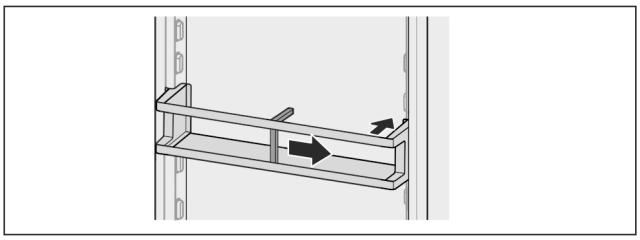


Fig. 148

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

8.15 Freezer pack

Freezer packs prevent the temperature rising too quickly should there be a power cut.

The freezer packs are in the drawer.

You can store the freezer packs in the freezer tray.*

*** Depending on model and options**

8.15.1 Using the freezer pack

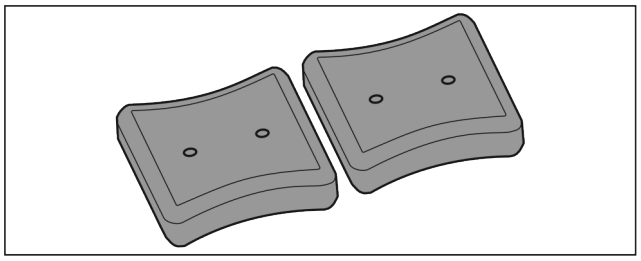


Fig. 149

When the freezer packs are fully frozen:

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

8.16 Ice cube tray with cover*

8.16.1 Using the ice cube tray

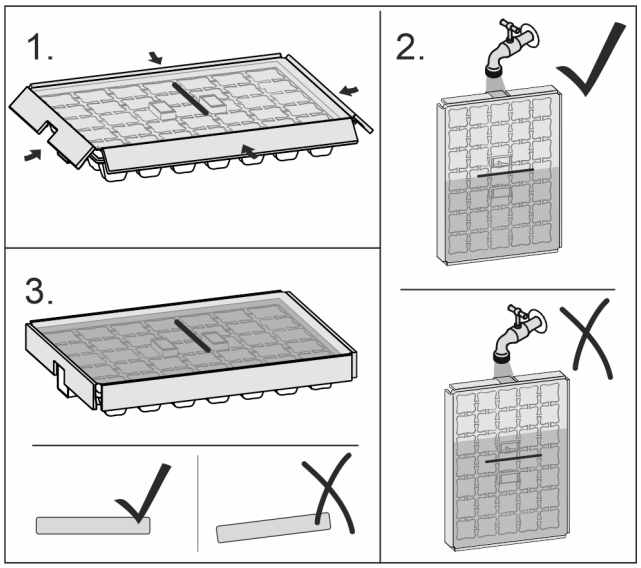


Fig. 150

When the water is frozen:

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

8.16.2 Dismantling the ice cube tray

You can take the ice cube tray apart for cleaning.

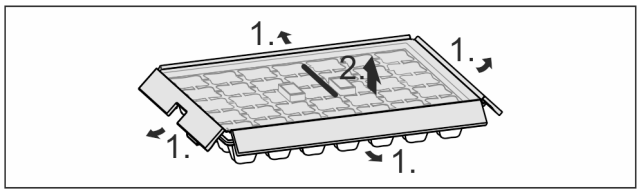


Fig. 151

▶ Disassembling the ice cube tray.

8.17 Flexible ice compartment divider*

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

8.17.1 Moving in the flexible ice compartment divider

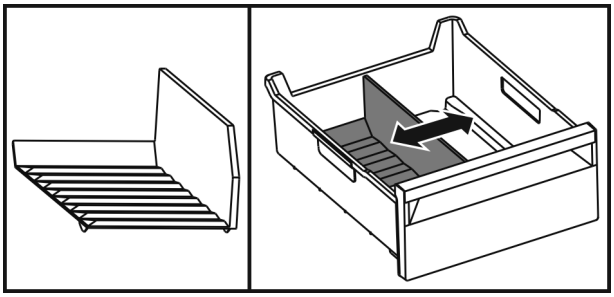


Fig. 152 Example illustration of the ice compartment divider

▶ Move the ice compartment divider to the desired position.

8.17.2 Removing the flexible ice compartment divider

Make sure that the following requirements are fulfilled:

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

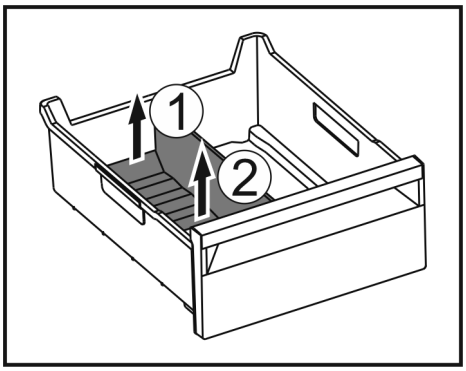


Fig. 153

▶ Lift the rear part of the ice compartment divider. *Fig. 153 (1)*
▶ Remove the ice compartment divider upwards. *Fig. 153 (2)*

8.17.3 Putting in the flexible ice compartment divider

Make sure that the following requirements are fulfilled:

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

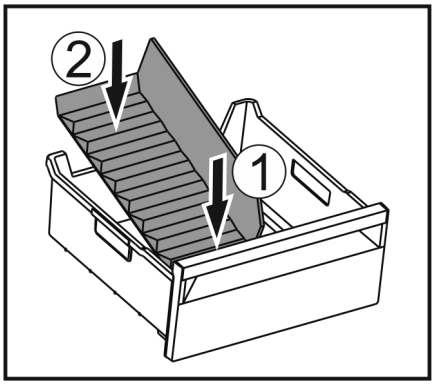


Fig. 154

▶ Insert the front part of the ice compartment divider. *Fig. 154 (1)*
▶ Lower the rear part of the ice compartment divider to the drawer bottom. *Fig. 154 (2)*

9 Maintenance

9.1 FreshAir carbon filter

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

It guarantees the best air quality.

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

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

9.1.1 Removing the FreshAir carbon filter

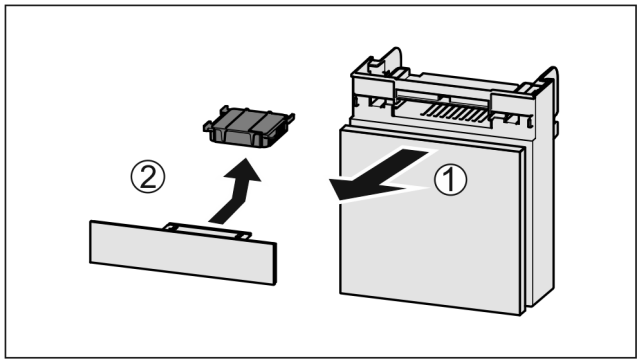


Fig. 155

▶ Pull out the compartment *Fig. 155 (1)*.
▶ Remove the carbon filter *Fig. 155 (2)*.

9.1.2 Inserting the FreshAir carbon filter

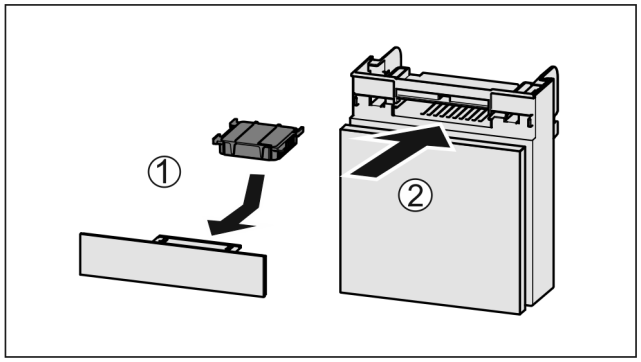


Fig. 156

▶ Insert the carbon filter as shown in the diagram *Fig. 156 (1)*.
▷ The carbon filter clicks into place.
If the carbon filter is pointing downwards:
▶ Push the compartment in *Fig. 156 (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
Fully extendible*	cannot be disassembled*
Partial pull-out fridge compartment*	cannot be disassembled*
Partial pull-out freezer compartment	can be disassembled (see Partial pull-out freezer compartment)

9.2.2 Drawer on telescopic rails

Partial pull-out freezer compartment

Disassembling pull-out system

Make sure the following prerequisites are met:

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

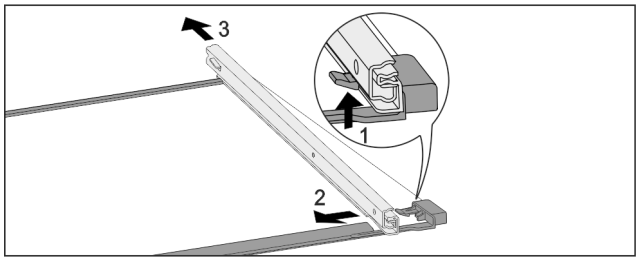


Fig. 157 Glass shelf with rails

▶ Push up front click-in hooks. *Fig. 157 (1)*
▶ Move the pull-out rails to the side *Fig. 157 (2)* and to the rear *Fig. 157 (3)*.

Installing pull-out system

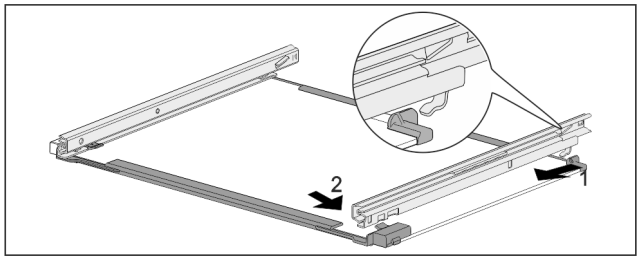


Fig. 158 Glass shelf with rails

▶ Hook in rail at the back. *Fig. 158 (1)*
▶ Hook in rail at the front. *Fig. 158 (2)*

9.3 Defrosting the appliance

9.3.1 Defrosting the fridge compartment

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

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

9.3.2 Defrosting the freezer compartment with NoFrost

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

The appliance does not need to be defrosted.

9.4 Cleaning the appliance

9.4.1 Ready

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

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

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

9.4.2 Cleaning the interior

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

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

9.4.3 Cleaning the dry rear panel

You can remove the dry rear panel for cleaning.

Removing the rear panel

▶ Remove all equipment parts.

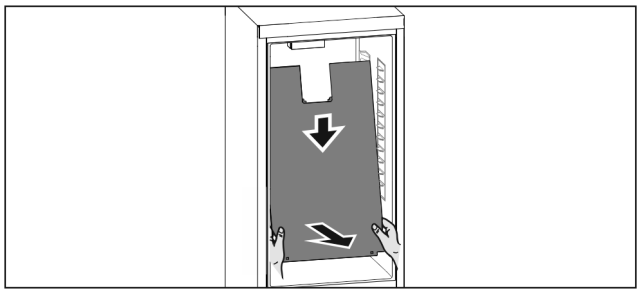


Fig. 159

▶ Hold the rear panel with both hands at the bottom and pull downward vigorously at the same time.
▶ Pull the rear panel out to the front by the bottom end.
▷ The rear panel has been removed.
If you want to continue operating the appliance with the rear panel removed:
▶ Set the *D-Value* to *D2*. (see D-Value)

Inserting the rear panel

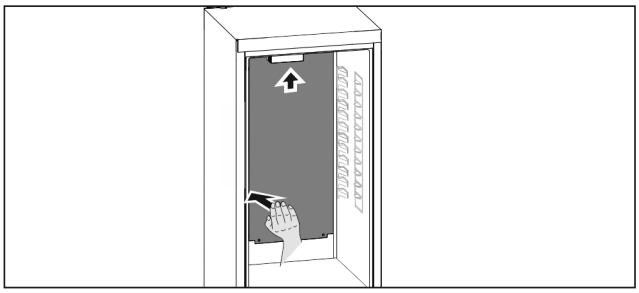


Fig. 160

▶ Make sure the appliance is completely empty.
▶ Slide in the rear panel from below to the top.
▶ Press back vigorously on the left-hand side of the rear panel.
▷ The rear panel clicks into place.
▶ Insert the equipment parts.
▶ Set the *D-Value* to *D1*. (see D-Value)

9.4.4 Clean the components

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

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

- VarioSafe
- EasyFresh-Safe cover
- Drawer
  Please note: Do not remove the magnet on the drawer. The magnet ensures the functionality of the IceMaker.*
- Divider in the IceMaker drawer*
- Freezer tray*

Clean with a damp cloth:

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

Wash in the dishwasher up to 60 °C:

- Door rack
- VarioBox
- Bottle rack
- Shelf
- Dividing shelf
- Holder of the dividing shelf
- Egg rack
- Butter dish
- Ice cube tray*
- Ice cube scoop*

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

9.4.5 Cleaning the IceMaker*

There are various options for cleaning the IceMaker.

Cleaning is required in the following cases:

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

Ensure that the following conditions are met:

❑ IceMaker drawer is emptied.

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

First use or after a long period of non-use

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

If cleaning is required

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

9.4.6 After cleaning

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

10 Customer help

10.1 Technical specifications

Temperature range	
Cooling	2 °C to 9 °C
Freeze	-26 °C to -15 °C

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

Maximum component capacity			
Features	Appliance width 550 mm (see installation instructions, appliance dimensions)	Appliance width 600 mm (see installation instructions, appliance dimensions)	Appliance width 700 mm (see installation instructions, appliance dimensions)
Drawer on glass shelf (see 8.6.1 Drawer on appliance base or glass shelf)	12 kg	15 kg	--

Maximum component capacity			
Features	Appliance width 550 mm (see installation instructions, appliance dimensions)	Appliance width 600 mm (see installation instructions, appliance dimensions)	Appliance width 700 mm (see installation instructions, appliance dimensions)
Partial pull-out freezer compartment (see 8.6.2 Drawer on telescopic rails)	12 kg	15 kg	--

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

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

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

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

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

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

*** Depending on model and options**

10.2 Operating noises

The appliance makes different noises when it is on.

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

Examples:

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

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

Noise	Possible cause	Type of noise
Clicking	Components are switched on and off.	Normal switching noise
Rattling or humming	Valves or flaps are working.	Normal switching noise

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

10.3 Technical fault

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

You can fix the following faults yourself.

10.3.1 Appliance function

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

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

10.3.2 Features

Defect	Cause	Remedy
You cannot activate the IceMaker.*	→ The appliance and therefore the IceMaker are not connected.	▶ Connect the appliance (see the Installation Guide).
The IceMaker is not producing ice cubes.*	→ The IceMaker is not on.	▶ Activate the IceMaker.
	→ The drawer of the IceMakers is not connected properly.	▶ Push the drawer in correctly.
	→ The water connection is not open.	▶ Open the water connection.*
The internal light does not come on.	→ The appliance is not switched on.	▶ Switch the appliance on.
	→ The door was open for longer than 15 minutes.	▶ Interior lighting turns off automatically after approx. 15 min. with the door open.
	→ The LED interior light is faulty or the lid is damaged.	▶ Contact Customer Service. (see 10.4 Customer Service)

10.4 Customer Service

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

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

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

10.4.1 Contacting Customer Service

Make sure that the following appliance information is available:

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

- ▶ Call up the appliance information via the display. (see Device information)

-or-

- ▶ Refer to the type plate for appliance information. (see 10.5 Model plate)
- ▶ Note down the appliance information.
- ▶ Notify customer service: Report errors and the appliance information.
- ▷ This will help us to provide you with a faster, more accurate service.
- ▶ Follow further instructions from Customer Service.

10.5 Model plate

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

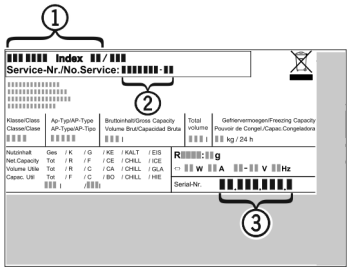


Fig. 161
(1) Appliance description **(3)** Serial no.

(2) Service no.
▶ Note the data on the model plate.

11 Shutting down

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

12 Disposal

12.1 Preparing appliance for disposal

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

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

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

12.2 Disposing of the appliance in an environmentally friendly manner

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

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

Lamps — Dispose of removed lamps via the respective collection systems.

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

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

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

home.liebherr.com/fridge-manuals

EN Integrated fridge/freezer

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Memminger Straße 77-79
88416 Ochsenhausen
Deutschland

User Guide

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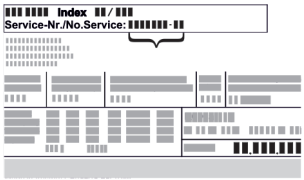
The manufacturer is constantly working to improve all types and models. Therefore, please be aware that we reserve the right to make changes to the shape, equipment and technology.

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

These operating instructions apply to:

ICB(N)..i	51..

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

1 The appliance at a glance

1.1 Delivered contents

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

Delivery contains the following parts:

- Integrated appliance
- Equipment (depending on your model)
- Installation parts (depending on your model)
- “Quick Start Guide”
- “Installation Guide”
- Service brochure

1.2 Overview of appliances and equipment

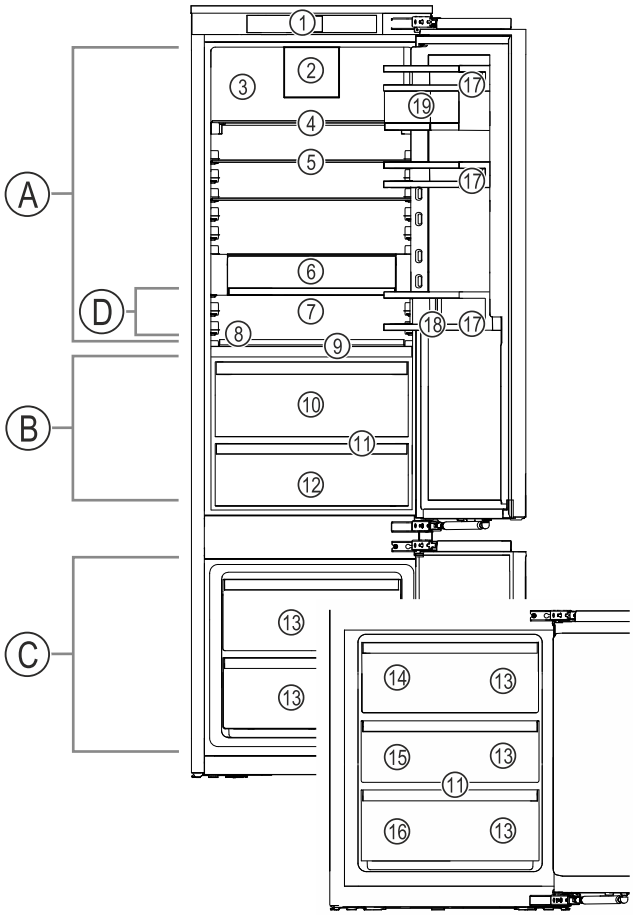


Fig. 1 Example illustration

Temperature range

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

Equipment

(1) Controls
(2) Fan with FreshAir activated charcoal filter
(3) Dry rear panel
(4) Divisible storage shelf
(5) Storage shelf
(6) VarioSafe*
(7) Space for baking tray
(8) Variable bottle shelf
(9) Lid for Fruit & Vegetable safe
(10) Fruit & Vegetable safe
(11) Drain hole
(12) Meat & Dairy safe
(13) Freezer drawer
(14) IceMaker*
(15) VarioSpace*
(16) Type plate
(17) Door shelf
(18) Bottle holder
(19) 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.

1.3 SmartDevice

SmartDevice is the networking solution for your fridge-freezer.

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

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

More information about SmartDevice:	**smartdevice.liebherr.com**
Downloading the SmartDevice app:	After installing and configuring the SmartDevice app, you can connect your appliance to the WiFi using the SmartDevice app and the WiFi appliance function (see WiFi) .

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

1.4 Range of appliance use

Normal use

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

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

All other types of uses are not permitted.

Foreseeable misuse

The following uses are specifically prohibited:

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

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

Climate ratings

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

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

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

1.5 Conformity

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

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

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

1.6 SVHC substances according to REACH regulation

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

1.7 EPREL Database

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

2 General safety instructions

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

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

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

Dangers for the user:

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

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:

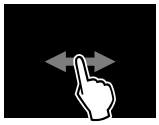
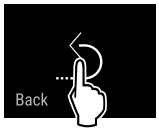
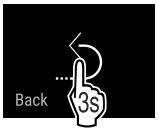
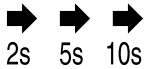
	DANGER	indicates a hazardous situation, which if not avoided, will result in death or serious injury.
	WARNING	indicates a hazardous situation, which if not avoided, could result in death or serious injury.
	CAUTION	indicates a hazardous situation, which if not avoided, will result in minor or moderate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

3 Functionality of the Touch & Swipe display

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

3.1 Navigation and symbol explanation

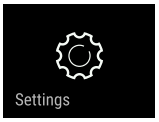
In the illustrations, different symbols are used to navigate the display. The following table describes these symbols.

Symbol	Description
	Briefly touch the display: Activates/deactivates function. Confirms selection. Opens submenu.
	Touch the display for a specified time (e.g. 3 seconds): Activates/deactivates function or value.
	**Swipe left or right:** Navigate in the menu.
	**Briefly touch the Back symbol:** Jumps back one menu level.
	**Press and hold the Back symbol for 3 seconds:** Jumps back to the status display.
	Arrow with clock: It takes more than 10 seconds for the following message to appear in the display.
	**Arrow with a time indication:** It takes the specified amount of time until the following message appears in the display.
	"Open Settings menu" symbol: Navigates to the Settings menu and opens the settings menu. If necessary: Navigate to the desired function in the Settings menu. (see 3.2.1 Opening the Settings menu)
	"Open Advanced menu" symbol: Navigates to the Advanced menu and opens the advanced menu. If necessary: Navigate to the desired function in the Advanced menu. (see 3.2.2 Opening expanded menu)
No action for 10 seconds	If you do not perform any action on the display for 10 seconds, the display either jumps back to the higher-level menu or directly to the status display.
Open door and close it again.	If you open the door and immediately close it again, the display jumps directly back to the status display.

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

3.2 Menus

The appliance functions are distributed over various menus:

Menu	Description
Main menu	When you switch the appliance on, you are automatically in the main menu. From here you can navigate to the most important appliance functions, to the Settings menu and to the Advanced menu.
 Settings menu	The Settings menu contains additional appliance functions for setting up your appliance.
Advanced menu	The advanced menu contains special appliance functions for setting up your appliance. Access to the Advanced menu is protected by the numerical code **1 5 1**.

*** Depending on model and options**

3.2.1 Opening the Settings menu

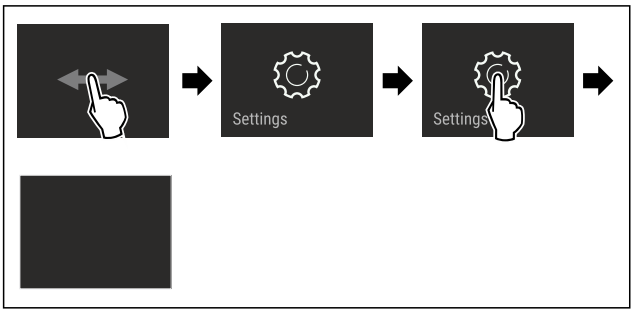


Fig. 2 Example illustration

▶ 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

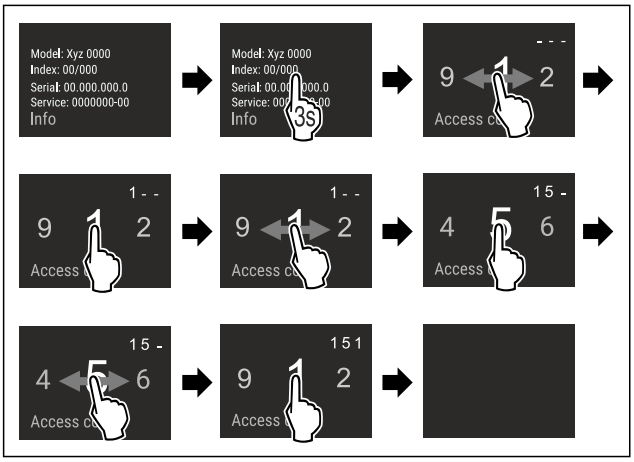


*Fig. 4 Example illustration, access with numerical code **151***

▶ 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.

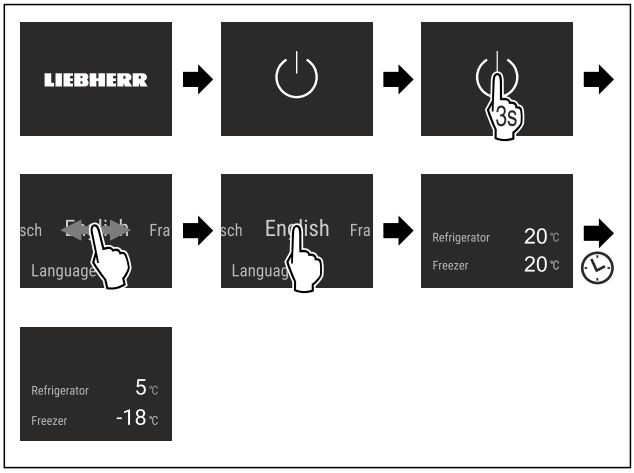


Fig. 5 Example illustration

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

More information:

- Start the IceMaker for the first time. (see 4.2 Starting the IceMaker for the first time*) *
- Start the SmartDevice for the first time. (see 1.3 SmartDevice) and (see WiFi)

Note
The manufacturer recommends:

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

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

4.2 Starting the IceMaker for the first time*

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

Make sure that the following requirements are fulfilled:

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

▶ Clean the IceMaker. (see 9.4.4 Cleaning the IceMaker*) *

5 Storage

5.1 Information regarding storage

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

Note
Insufficient ventilation results in an increase in energy consumption and reduction of the refrigerating performance
▶ Always keep the air slots unobstructed.

Observe the following specifications for storage:
- Keep the air vents on the inside of the rear wall free.
- 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 1.2 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.

5.3 BioFresh

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

Note
If the temperatures drop below 0 °C foods may freeze to each other.
▶ Store cold-sensitive produce such as cucumbers, eggplants, zucchinis and tropical fruit in the fridge compartment.

5.3.1 Fruit & Vegetable safe

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

The humidity in the compartment depends on the moisture content of the chilled goods placed in it, and also depends on how often the compartment is opened. You can regulate the humidity level. (see 8.9 Humidity control)

Arranging your food properly
▶ Store unpackaged fruit and vegetables.
If the humidity is too high:
▶ Regulate the humidity. (see 8.9 Humidity control)

5.3.2 Meat & Dairy safe

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

Arranging your food properly
▶ Store dry or packaged food.

5.4 Freezer compartment

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

5.4.1 Freezing food

Freezing quantity

The maximum amount of fresh food that you can freeze within 24 hours is specified on the type plate (see 10.5 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)

Appliance without NoFrost:*
▶ Activate SuperFrost if the amount of food you have to freeze is more than approx. 1 kg.*

Appliance with NoFrost:*
▶ Activate SuperFrost if the amount of food you have to freeze is more than approx. 2 kg.*

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

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

Arranging your food properly

CAUTION
Risk of injury from broken glass!
Bottles and cans with beverages can burst during freezing. This applies in particular to carbonated beverages.
▶ Only freeze bottles and cans with beverages if you have activated the BottleTimer function in the SmartDevice app.

Freezing quantity	Arranging your food properly
Small amount of food to freeze	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.

5.5 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 BioFresh

Guideline storage times for the Meat & Dairy-Safe		
Butter	at 1 °C	up to 90 days
Hard cheese	at 1 °C	up to 110 days
Milk	at 1 °C	up to 12 days
Sausage, cold cuts	at 1 °C	up to 8 days
Poultry	at 1 °C	up to 6 days
Pork	at 1 °C	up to 6 days
Beef	at 1 °C	up to 6 days
Game	at 1 °C	up to 6 days

Note
▶ Note that higher-protein foods spoil more quickly So, shellfish and crustaceans perish faster than fish, and fish perishes faster than meat.

Guideline storage times for the Fruit & Vegetable-Safe		
Vegetables, lettuce		
Artichokes	at 1 °C	up to 14 days
Celery	at 1 °C	up to 28 days
Cauliflower	at 1 °C	up to 21 days
Broccoli	at 1 °C	up to 13 days
Endives	at 1 °C	up to 27 days
Mâche	at 1 °C	up to 19 days
Peas	at 1 °C	up to 14 days
Kale	at 1 °C	up to 14 days
Carrots	at 1 °C	up to 80 days
Garlic	at 1 °C	up to 160 days
Cabbage turnip	at 1 °C	up to 14 days
Iceberg lettuce	at 1 °C	up to 13 days
Herbs	at 1 °C	up to 13 days
Leeks	at 1 °C	up to 29 days
Mushrooms	at 1 °C	up to 7 days
Radishes	at 1 °C	up to 10 days
Brussels sprouts	at 1 °C	up to 20 days
Asparagus	at 1 °C	up to 18 days
Spinach	at 1 °C	up to 13 days
Savoy cabbage	at 1 °C	up to 20 days
Fruit		
Apricots	at 1 °C	up to 13 days
Apples	at 1 °C	up to 80 days
Pears	at 1 °C	up to 55 days
Blackberries	at 1 °C	up to 3 days
Dates	at 1 °C	up to 180 days
Strawberries	at 1 °C	up to 7 days
Figs	at 1 °C	up to 7 days
Blueberries	at 1 °C	up to 9 days
Raspberries	at 1 °C	up to 3 days
Red currants	at 1 °C	up to 7 days
Cherries, sweet	at 1 °C	up to 14 days
Kiwi	at 1 °C	up to 80 days
Peaches	at 1 °C	up to 13 days
Plums	at 1 °C	up to 20 days
Cranberries	at 1 °C	up to 60 days
Rhubarb	at 1 °C	up to 13 days
Gooseberries	at 1 °C	up to 13 days
Grapes	at 1 °C	up to 29 days

5.5.3 Freezer

Guidelines for storage periods for various foods		
Ice cream	at -18 °C	2 to 6 months

Guidelines for storage periods for various foods		
Sausage, ham	at -18 °C	2 to 3 months
Bread, bakery products	at -18 °C	2 to 6 months
Game, pork	at -18 °C	6 to 9 months
Fish, fatty	at -18 °C	2 to 6 months
Fish, lean	at -18 °C	6 to 8 months
Cheese	at -18 °C	2 to 6 months
Poultry, beef	at -18 °C	6 to 12 months
Vegetables, fruit	at -18 °C	6 to 12 months

6 Energy saving

- Always ensure good ventilation. Do not obstruct ventilation openings or grilles.
- Never block air slits in the fan.
- Do not install the appliance in direct sunlight or next to a stove, heater or similar heat source.
- Energy consumption depends on installation conditions such as the ambient temperature (see 1.4 Range of appliance use) . A warmer ambient temperature can increase the energy consumption.
- Avoid opening the appliance door for any longer then 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
- If there is a thick layer of frost in the appliance Defrost the appliance.*
- For longer periods of absence, use HolidayMode (see HolidayMode) .

7 Use

7.1 Controls and displays

7.1.1 Status display

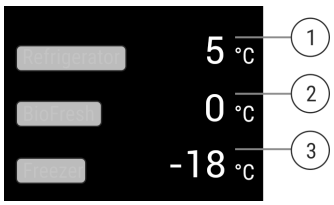


Fig. 6

(1) Fridge compartment temperature display
(2) Temperature display BioFresh
(3) Freezer compartment temperature display

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

7.1.2 Display symbols

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

Turn off appliance

This setting turns off the whole appliance.

Switch off whole appliance

Fig. 7

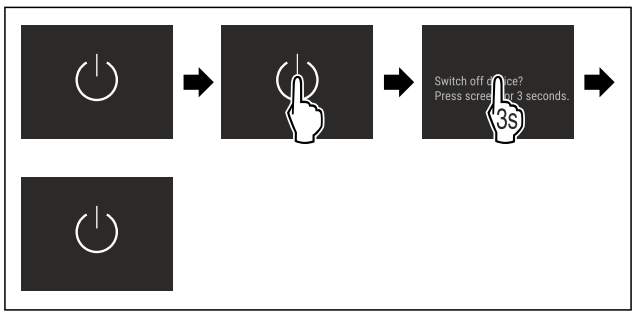


Fig. 8

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

7.2.3 Switching temperature zones off and on

You can switch temperature zones of the appliance off independently.

Application:
- Cleaning
- Defrosting

Switching the fridge compartment off

Make sure that the following requirements are fulfilled:

❑ Refrigerator compartment has been emptied.

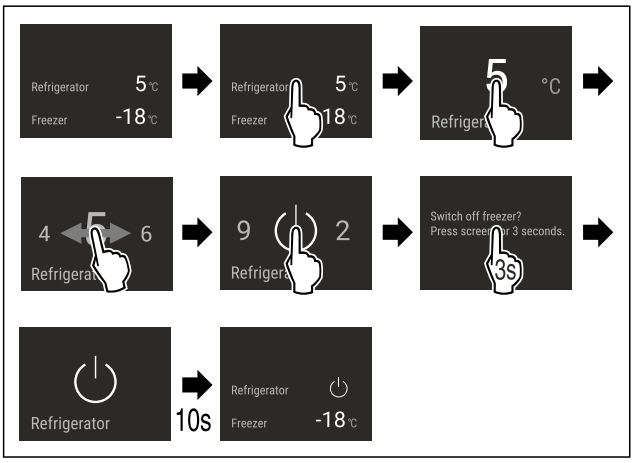


Fig. 9 Example illustration

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

Switching the fridge compartment on

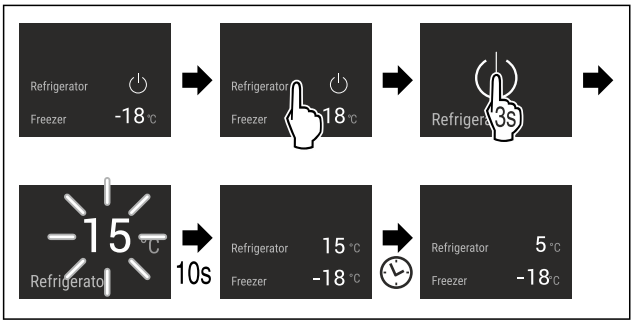


Fig. 10 Example illustration

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

WiFi

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

More information on the SmartDevice: (see 1.3 SmartDevice)

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

Establishing the WiFi connection for the first time

Make sure that the following requirements are fulfilled:

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

Fig. 11

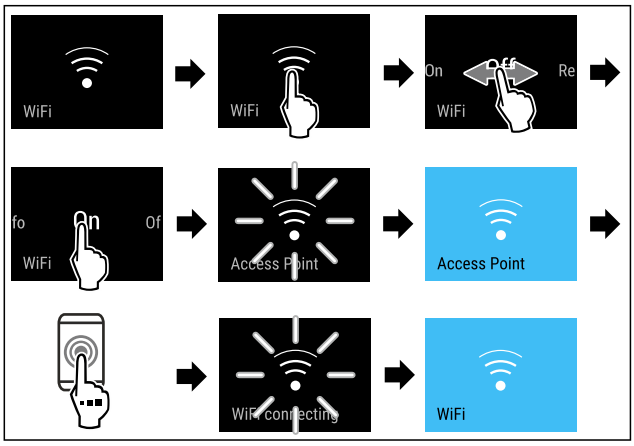


Fig. 12

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

Disconnecting from the WiFi

Fig. 13

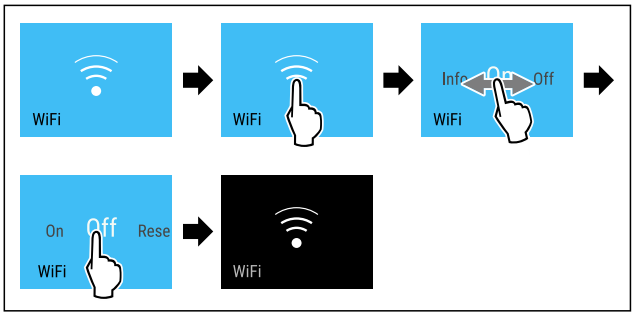


Fig. 14

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

Resetting the WiFi connection

Fig. 15

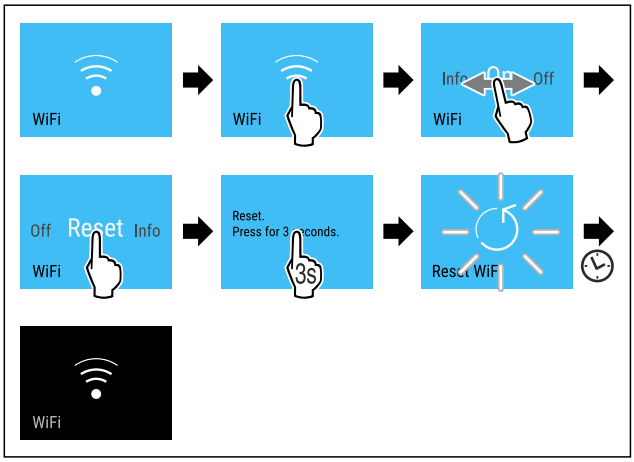


Fig. 16

▶ Carry out action steps according to the illustration.

▷ WiFi connection and other WiFi settings are reset to factory settings.

Showing information about the WiFi connection

Fig. 17

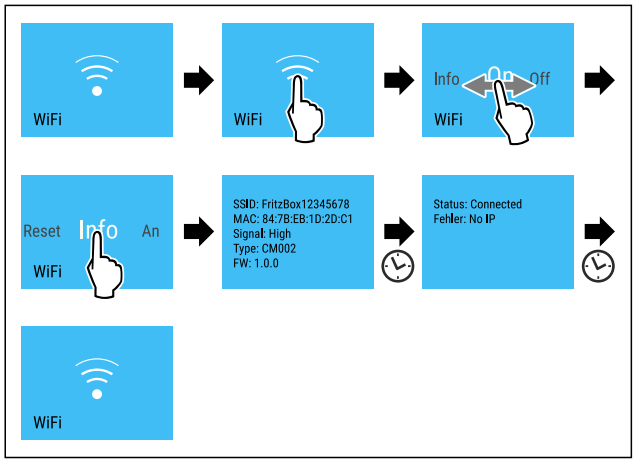


Fig. 18

▶ Carry out action steps according to the illustration.

5 °C Temperature

Use this function to set the temperature.

The temperature depends on the following factors:

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

Temperature zone	Recommended setting
5 °C Fridge compartment	5 °C
-18 °C Freezer compartment	-18 °C
0 °C BioFresh	(see Setting the temperature in the BioFresh)

Setting the temperature in the refrigerator compartment

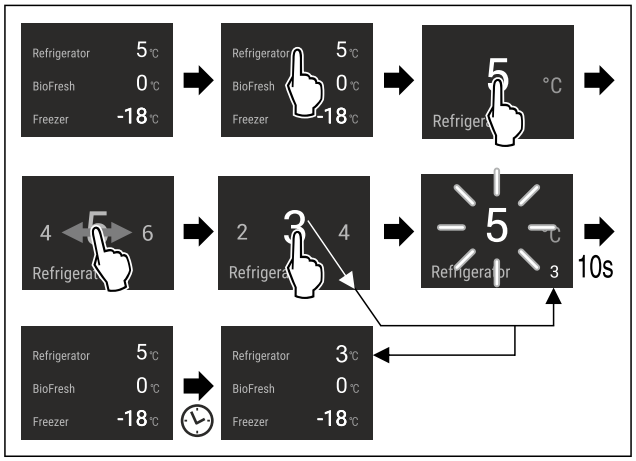


Fig. 19

▶ Carry out action steps according to the illustration.

▷ Temperature is set.

Setting the temperature in the freezer compartment

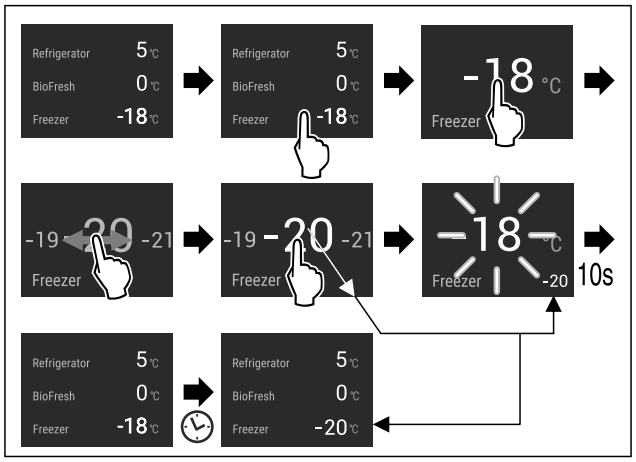


Fig. 20

▶ Carry out action steps according to the illustration.

▷ Temperature is set.

Setting the temperature in the BioFresh

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

°C/°F Temperature unit

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

Setting the temperature unit

Fig. 21

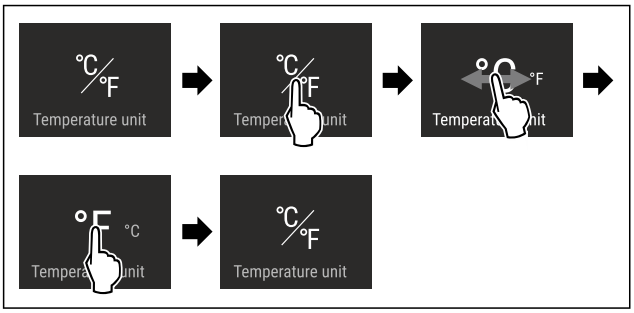


Fig. 22 Example illustration: Switching between degrees Celsius or degrees Fahrenheit.

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

B5 BioFresh B-Value

Use this function to set the BioFresh B-Value. Use the BioFresh B-Value to adjust BioFresh slightly warmer or colder if a higher or lower ambient temperature makes it necessary. Upon delivery, the BioFresh B-Value is set to the value B5. If you adjust the B-Value, please observe the following table:

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

Setting the BioFresh B-Value

Fig. 23

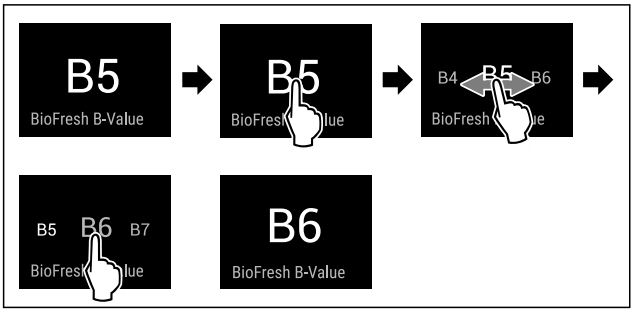


Fig. 24 Example illustration: Switching from B5 to B6.

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

D1 D-Value

The D-Value is preset for your appliance and must not be changed.

SuperCool

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

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

Use:

- Cool large amounts of food quickly.

Activating/deactivating settings

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

-or-

▶ Activate/deactivate using the SmartDevice app.

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

VarioTemp

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

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

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

Activating VarioTemp

Make sure that the following requirements are fulfilled:*

❑ The IceMaker has been cleaned. (see 9.4.4 Cleaning the IceMaker*) *

WARNING

Danger of food poisoning!

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

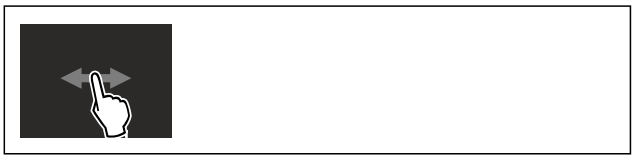


Fig. 25

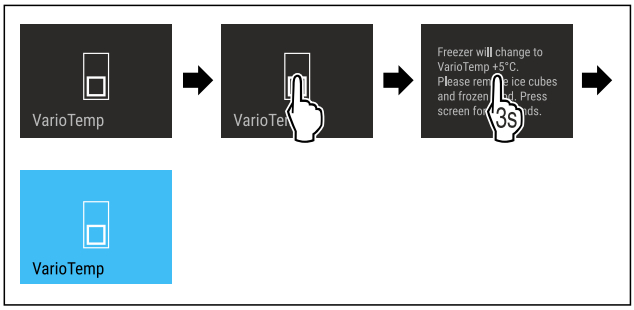


Fig. 26

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

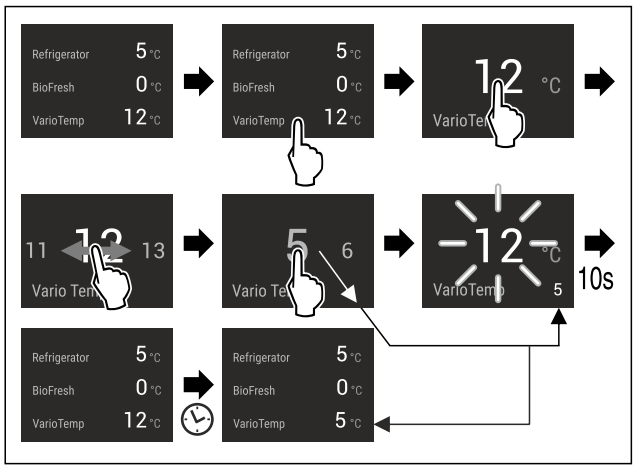


Fig. 27 Example illustration: Change VarioTemp from 12 °C to 5 °C for a fridge-freezer combination with BioFresh.

▶ Carry out steps according to the illustration.

▷ VarioTemp is adjusted.

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

Deactivating VarioTemp

Fig. 28

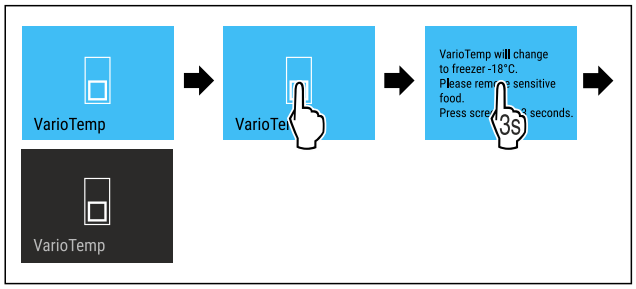


Fig. 29

▶ Carry out steps according to the illustration.

▷ VarioTemp is deactivated.

▷ The freezer compartment is cooled to the preset temperature.

SuperFrost

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

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

Use:

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

Activating/deactivating settings

With a small volume of frozen goods:

▶ Activate 6 hours before use.

With the maximum volume of frozen goods:

▶ Activate 24 hours before use.

▶ Activating/deactivating .

-or-

▶ Activate/deactivate using the SmartDevice app.

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

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.

This function applies to NoFrost appliances.*

Starting the defrost cycle

Fig. 30

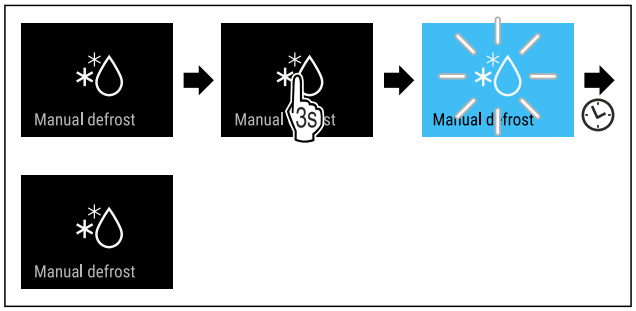


Fig. 31

▶ 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.

Canceling the defrost cycle

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

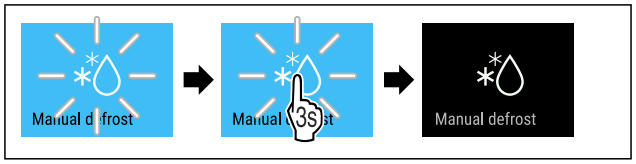


Fig. 32

▶ 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. 33

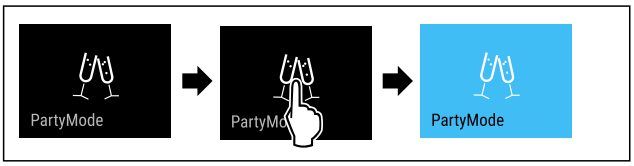


Fig. 34

▶ 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. 35

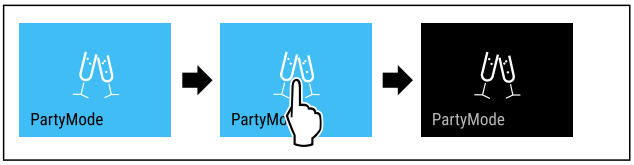


Fig. 36

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

HolidayMode

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

The set freezer temperature remains unchanged.

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

Use:

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

Activating/deactivating settings

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

SabbathMode

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

Appliance status with active SabbathMode
The status display continuously shows SabbathMode.
All functions in the display except the **Deactivating SabbathMode function** are disabled.
Active functions remain active.
The display remains bright when you close the door.
The interior lighting is deactivated.
Memories are not listed. The set time interval is stopped.
Memories and warnings are not displayed.
There is no door alarm.
There is no temperature alarm.
The 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. 37

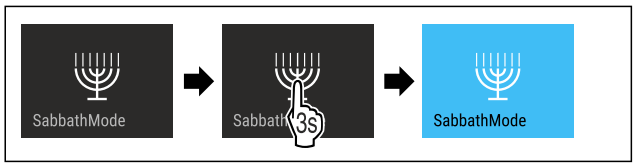


Fig. 38

▶ 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:

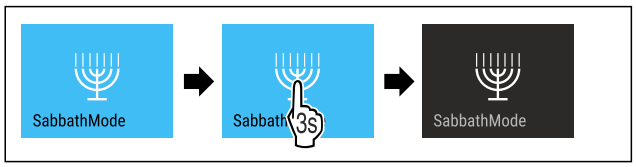


Fig. 39

▶ 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 Temperature)	Temperature while EnergySaver is active
5 °C Fridge section	5 °C	7 °C
-18 °C Freezer section	-18 °C	-16 °C

Temperatures

Activating EnergySaver

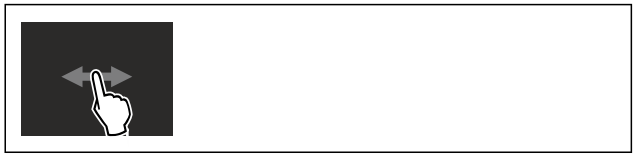


Fig. 40

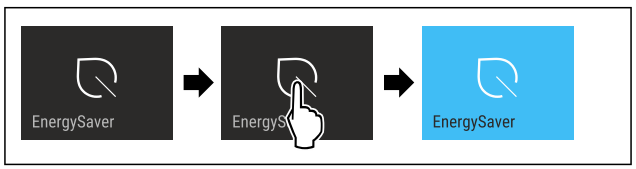


Fig. 41

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

Deactivating EnergySaver

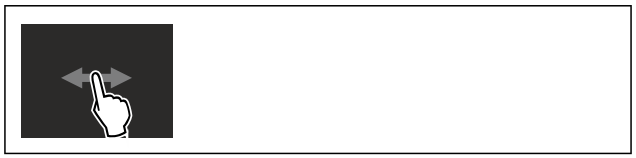


Fig. 42

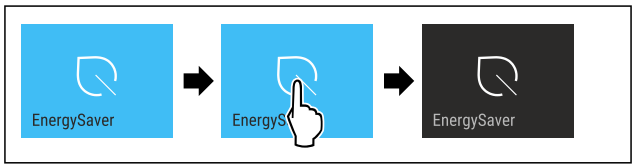


Fig. 43

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

IceMaker / MaxIce *

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

More information on the number of ice cubes:	(see 10.1 Technical specifications)
More information on the IceMaker water inflow:	(see 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.

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 8.11 IceMaker*)

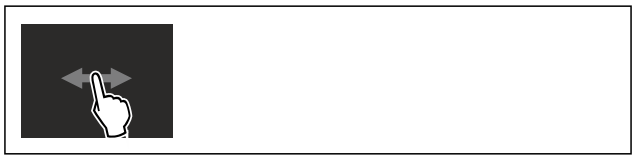


Fig. 44

* Depending on model and options

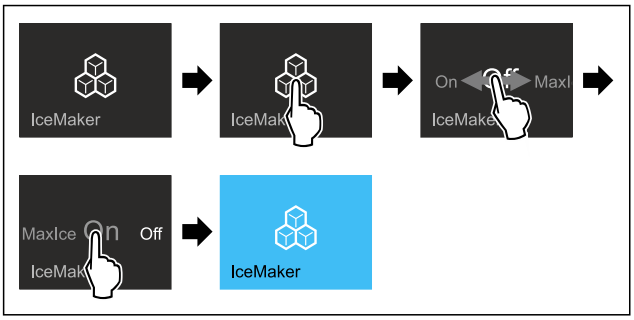


Fig. 45

▶ 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 8.11 IceMaker*)

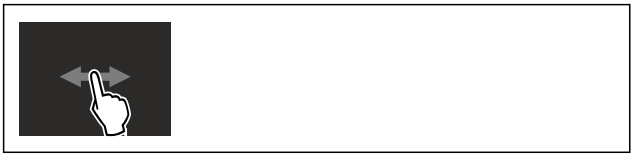


Fig. 46

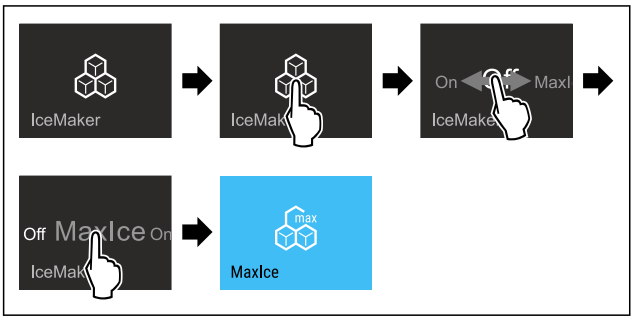


Fig. 47

▶ 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. 48

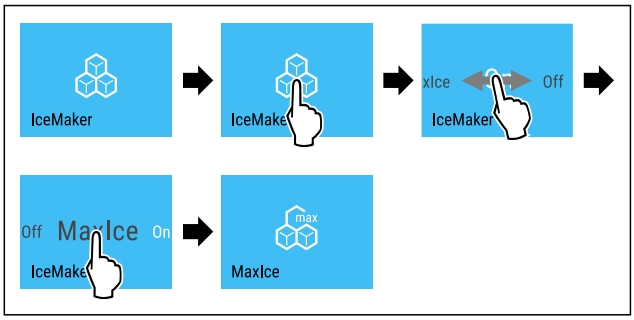


Fig. 49

▶ 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. 50

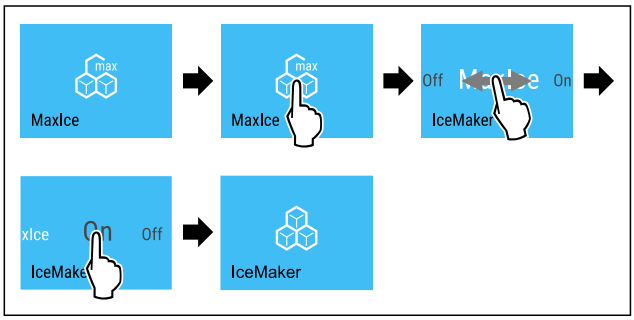


Fig. 51

▶ Carry out action steps according to the illustration.

▷ IceMaker is activated.

▷ MaxIce is deactivated.

Deactivating the IceMaker / MaxIce

Fig. 52

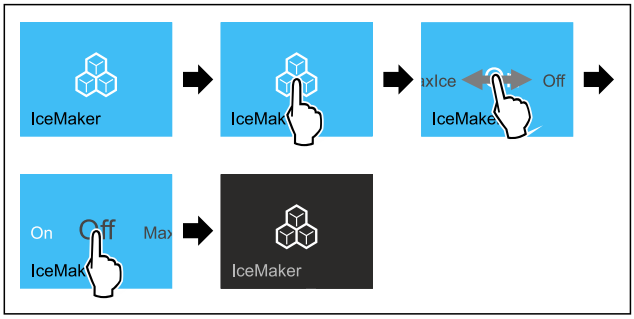


Fig. 53 Example illustration of the active IceMaker function

▶ 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.

IceMaker water inflow*

Use this function to set the IceMaker water inflow. The IceMaker water inflow regulates the water inflow volume. You can adjust the IceMaker water inflow if the water inflow does not match the water pressure and the dispensed ice cube size.

Upon delivery, the IceMaker water inflow is set to the value 5. You can select a value of between 1 (smallest inflow volume) and 8 (largest inflow volume).

Setting the IceMaker-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. 54

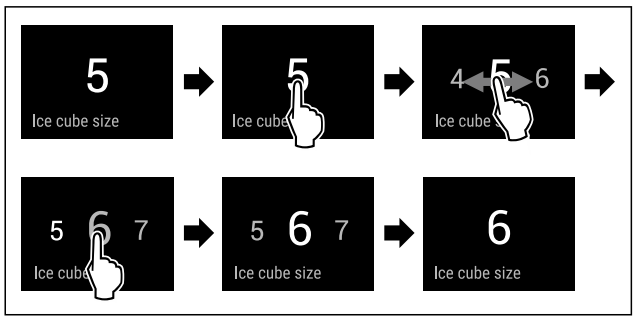


Fig. 55 Example illustration: Switching from value 5 to value 6.

▶ Carry out action steps according to the illustration.
▷ IceMaker 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 9.4.4 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. 56

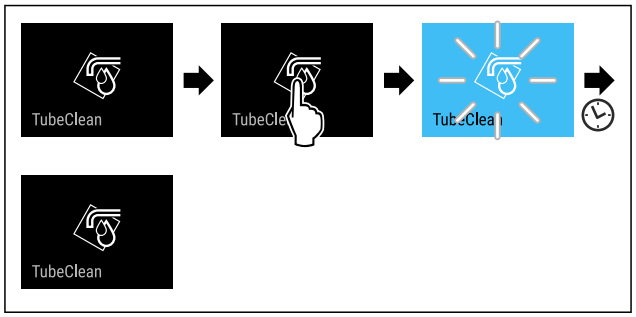


Fig. 57

▶ 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:

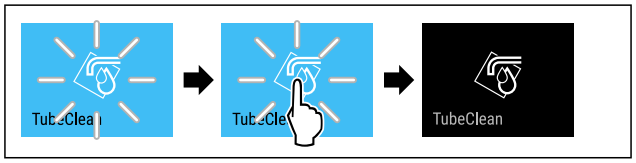


Fig. 58

▶ 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 9.4 Cleaning the appliance)

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

Appliance status

Activating CleaningMode

Fig. 59

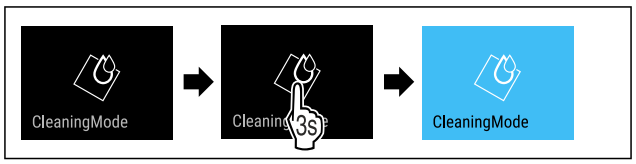


Fig. 60

▶ 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:

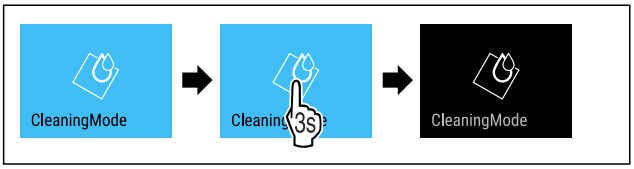


Fig. 61

▶ 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 display brightness

Fig. 62

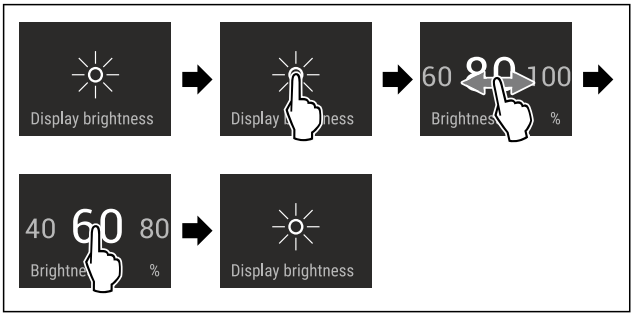


Fig. 63 Example illustration: Switching from 80 % to 60 %.

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

Door alarm

Use this function to activate or deactivate the door alarm. The door alarm sounds if the door is open for too long. The door alarm is activated upon delivery. You can set how long to 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. 64

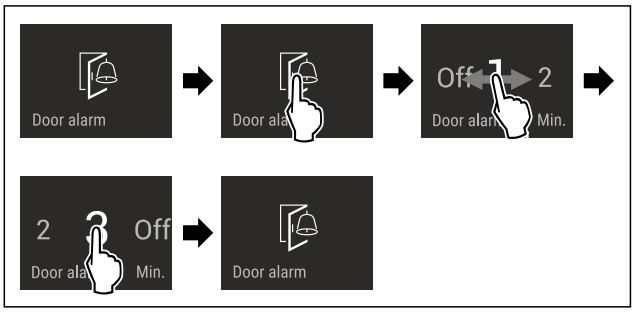


Fig. 65 Example illustration: Changing the door alarm from 1 minute to 3 minutes.

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

Deactivating door alarm

Fig. 67

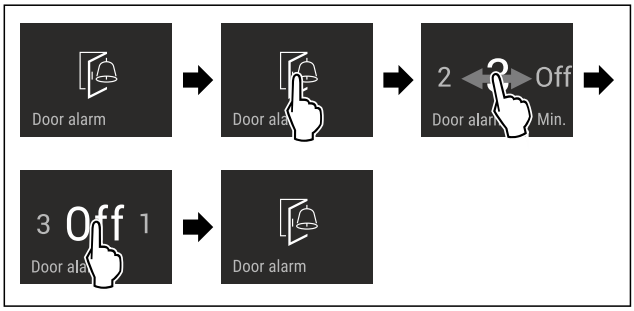


Fig. 68

▶ 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. 69

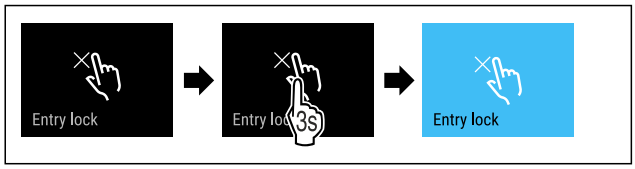


Fig. 70

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

Deactivating the input lock

Fig. 71

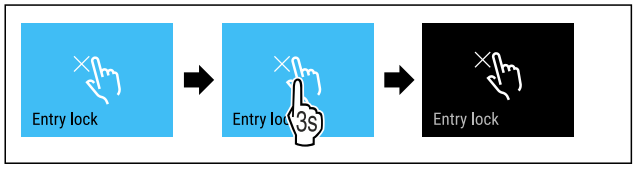


Fig. 72

▶ 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
- Russian
- Chinese

Setting the language

Fig. 73

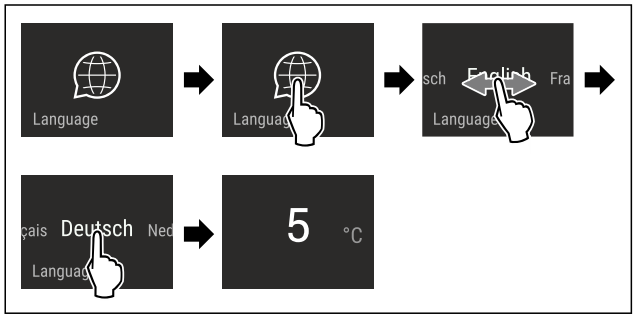


Fig. 74 Example illustration depending on the language and temperature

▶ 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. 75

Fig. 76

▶ 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. 77

Fig. 78

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

Reminder

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

Replace the FreshAir active carbon filter

This message appears when the air filter needs replacing.

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

Activate setting

▶ Activating/deactivating .

Demo mode

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

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

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

Activating demo mode

Fig. 79

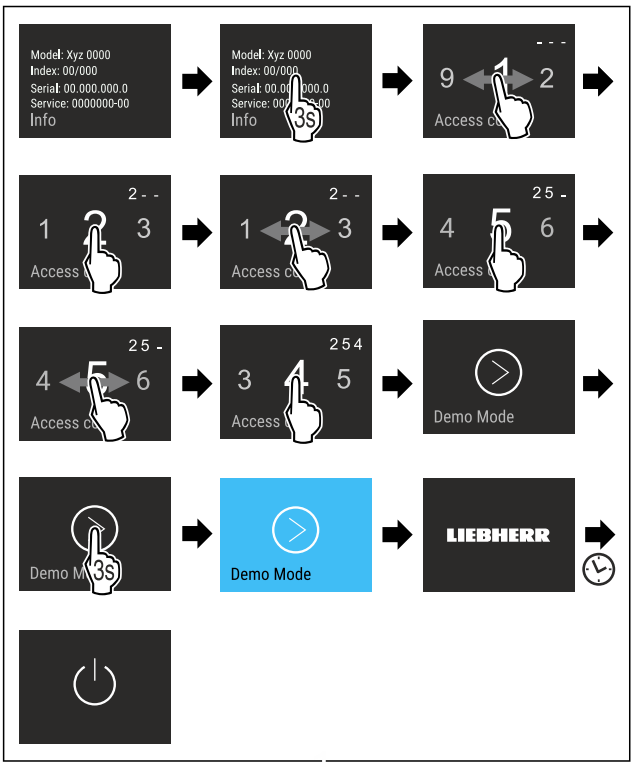


Fig. 80

▶ 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. 81

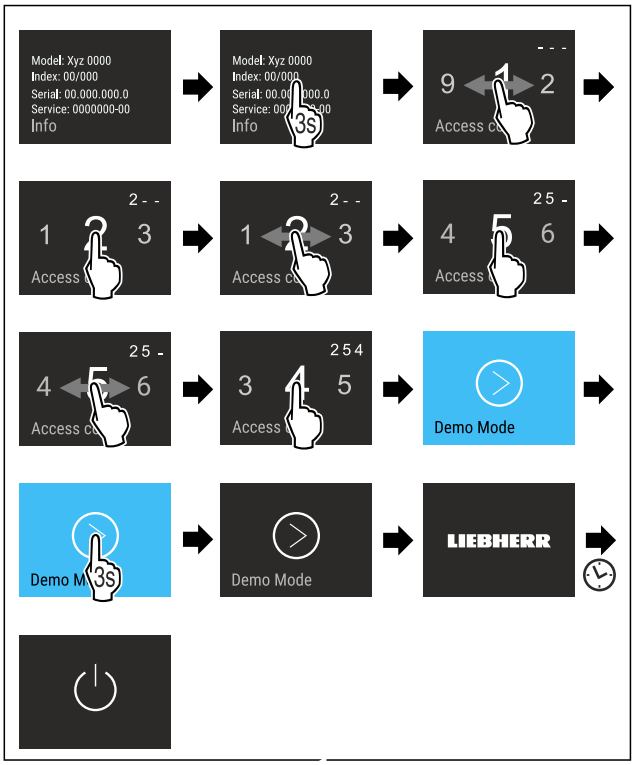


Fig. 82

▶ 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. 83

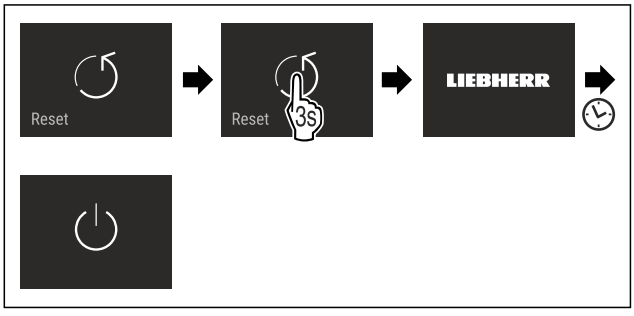


Fig. 84

▶ 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 Error messages

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

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

7.3.1 Warnings

Close the door

This message appears if the door is open too long.

You can set the time before this message appears .

▶ Stop alarm: Confirm the message.

-or-

▶ Close the door.

Power failure.

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

▶ Stop alarm: Confirm the message.

▷ Temperature alarm appears (see Temperature alarm) .

Temperature alarm

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

Temperature differences may be caused by:

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

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

▶ Confirm the display.

▷ Warmest temperature is displayed.

▶ Confirm the display again.

▷ The status display is displayed.

▷ Current temperature is displayed.

Error

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

▶ Open the door.

▶ Take note of the error code.

▶ Confirm the message.

▷ The signal tone stops.

▷ The status display appears.

▶ Close the door.

▶ Contact customer service. (see 10.4 Customer Service)

7.3.2 Message

Insert IceMaker drawer*

This message appears if the IceMaker drawer is open.

▶ Push in the IceMaker drawer.

▷ The message disappears.

▷ The IceMaker produces ice cubes.

8 Equipment

8.1 Door racks

8.1.1 Moving/removing door racks

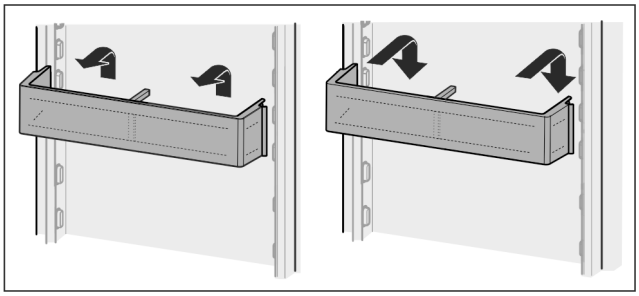


Fig. 85

▶ Slide racks up.

▶ Pull to the front.

▶ Re-insert in reverse order.

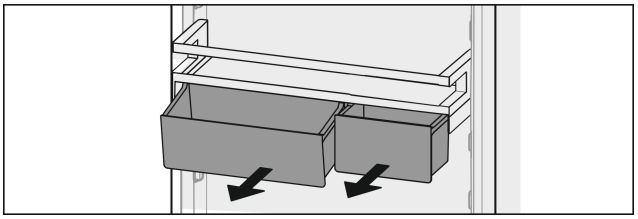


Fig. 86

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

Move the VarioBox shelf:

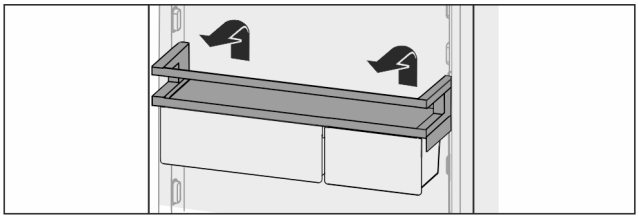


Fig. 87

▶ Pull up and out.

▶ Replace at any position.

Moving the VarioBoxes:

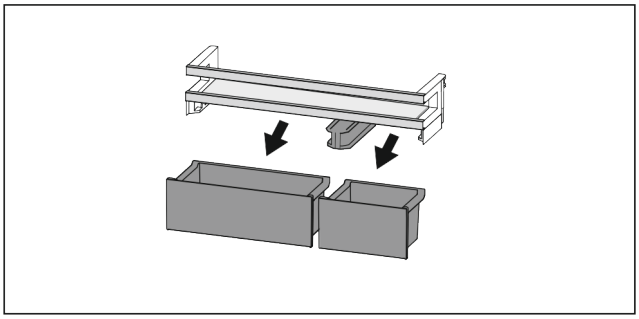


Fig. 88

If the door rack is removed:
▶ Remove boxes.

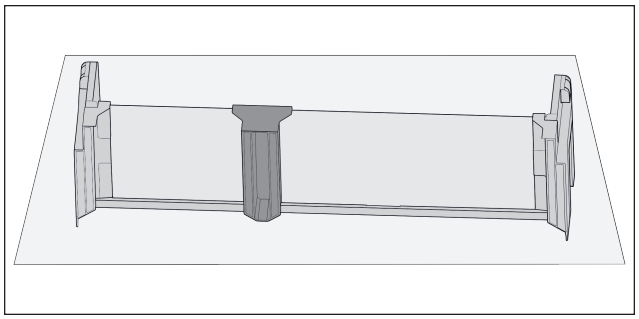


Fig. 89
▶ Place the shelf on the table.

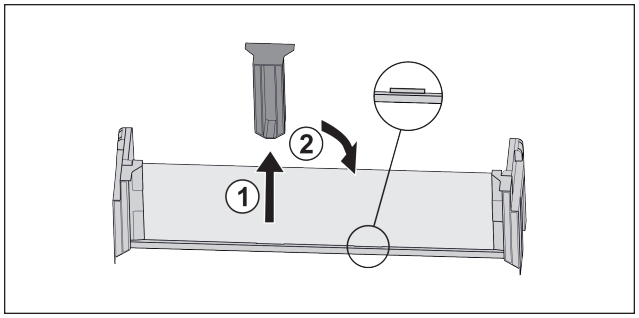


Fig. 90
▶ Pull off the middle holder *Fig. 90 (1)*.
▶ Insert the middle holder in the second position *Fig. 90 (2)*.

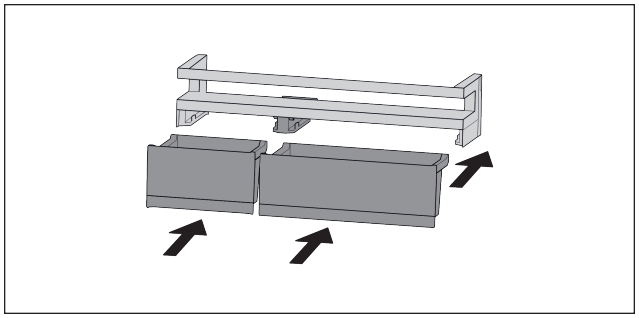


Fig. 91
▶ Replacing boxes.

8.1.2 To dismantle door racks

The door racks can be disassembled for cleaning.

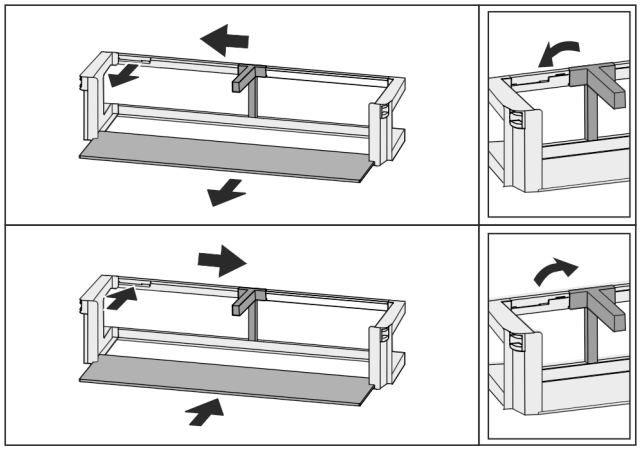


Fig. 92

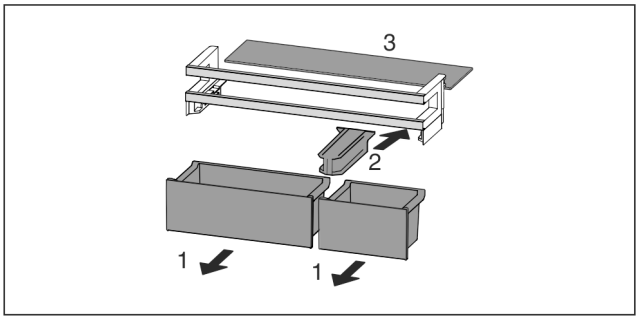


Fig. 93
▶ Disassemble the door racks.

8.2 Shelves

8.2.1 Moving/removing shelves

Extension stops secure the shelves against being accidentally pulled out

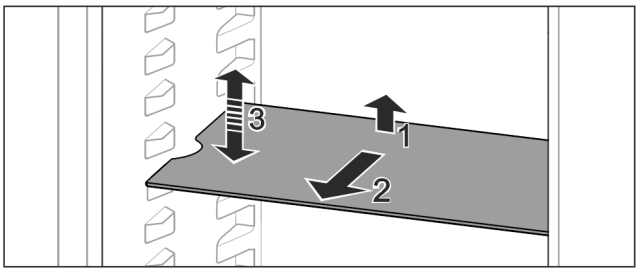


Fig. 94
▶ Lift the shelf and pull to the front.
▷ Side recess to shelf position.
▶ Reposition the shelf: Lift up or lower to the desired height and insert.

-or-

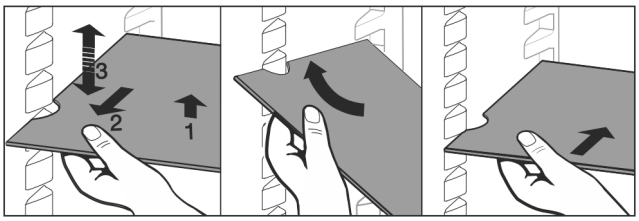


Fig. 95
▶ Take out the shelf completely: Pull out to the front.

▶ 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.

8.3 Split shelf

8.3.1 Using the split shelf

Extension stops secure the shelves against being accidentally pulled out

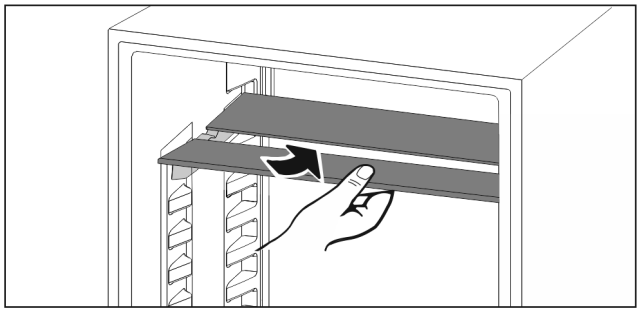


Fig. 96

▶ Push the split shelf underneath as in the illustration

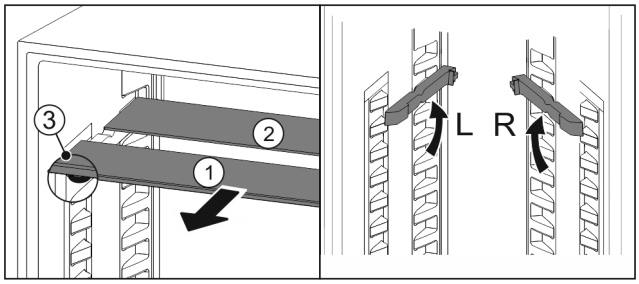


Fig. 97

Adjusting heights:

▶ Pull the glass panels out *Fig. 97 (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. 97 (1)* with the trim strip is at the front.
▷ The stops *Fig. 97 (3)* point downward.

8.4 VarioSafe *

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

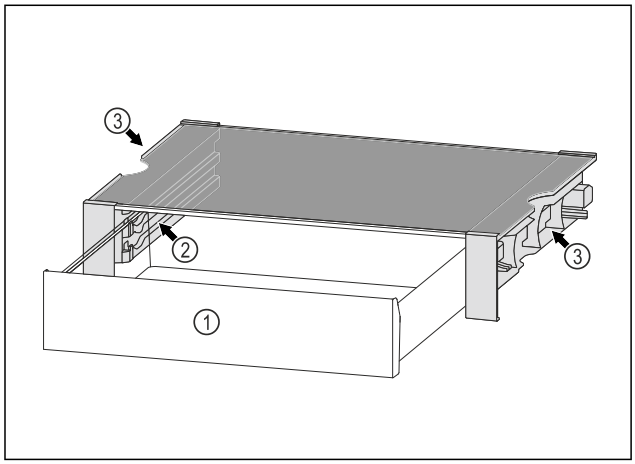


Fig. 98

(1) VarioSafe drawer

(2) Side panels with ribs for VarioSafe drawer

(3) Recesses on the left and right side panel

8.4.1 Inserting the VarioSafe

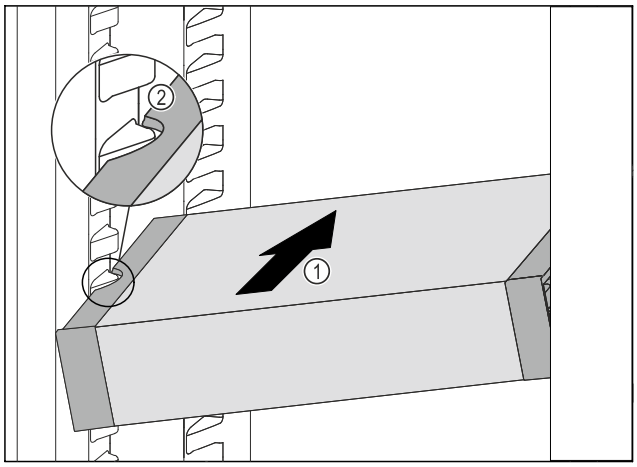


Fig. 99

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

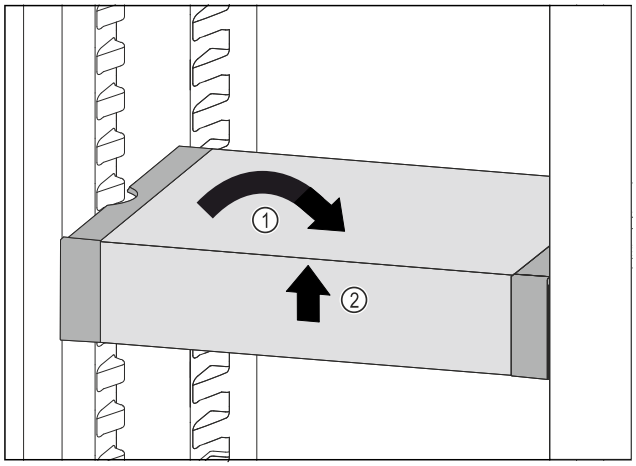


Fig. 100

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

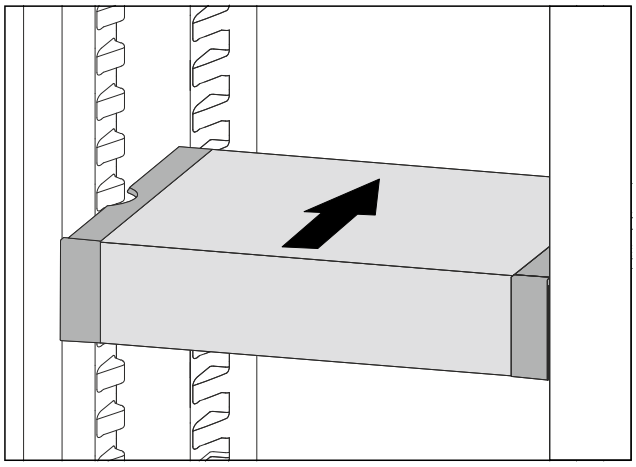


Fig. 101

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

*** Depending on model and options**

8.4.2 Repositioning the VarioSafe

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

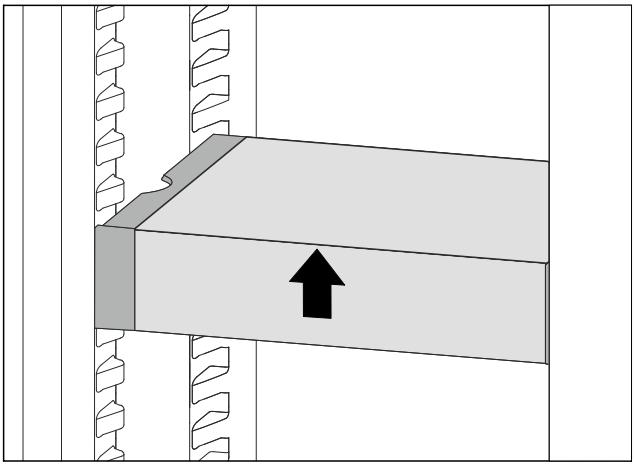


Fig. 102

▶ Lift VarioSafe at the front.

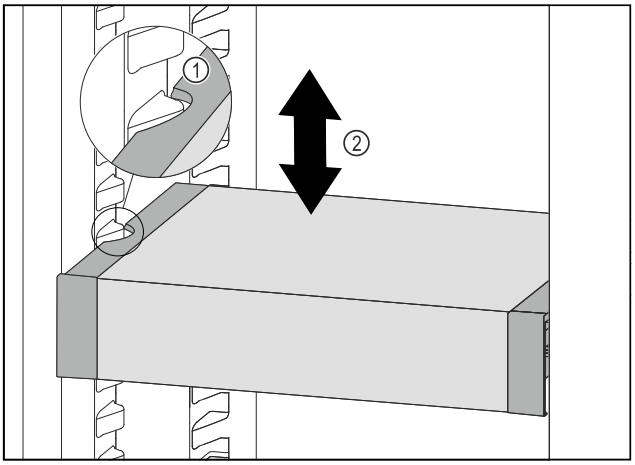


Fig. 103

▶ Pull VarioSafe forwards until the recesses in the side of the VarioSafe are at the level of the support rib in the refrigerator compartment. *Fig. 103 (1)*

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

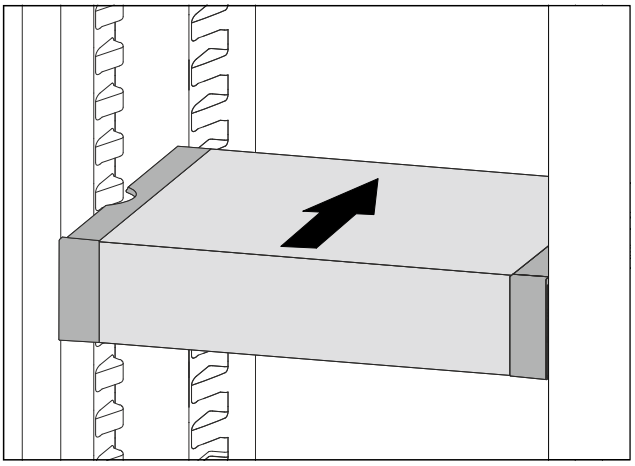


Fig. 104

▶ Lift VarioSafe at the front.

▶ Push VarioSafe in to the rear.

▷ VarioSafe audibly engages.

▷ VarioSafe is offset in height.

8.4.3 Moving the VarioSafe drawer

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

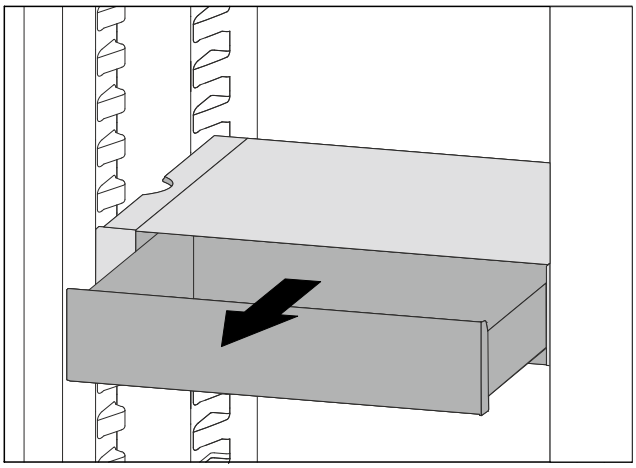


Fig. 105

▶ Pull out the VarioSafe drawer as far as it will go.

▶ Lift the VarioSafe drawer up at the front.

▶ Remove the VarioSafe drawer to the front.

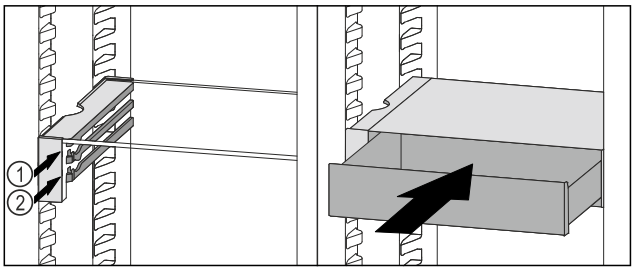


Fig. 106

▶ Lift the VarioSafe drawer up at the front.

▶ Place the VarioSafe drawer behind the stoppers on desired rib *Fig. 106 (1)* or *Fig. 106 (2)*.

▷ VarioSafe drawer is offset in height.

8.4.4 Removing the VarioSafe

You can remove the VarioSafe as a whole.

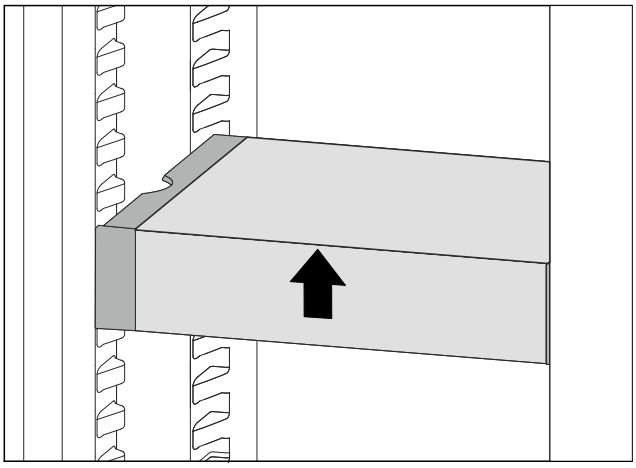


Fig. 107

▶ Lift VarioSafe at the front.

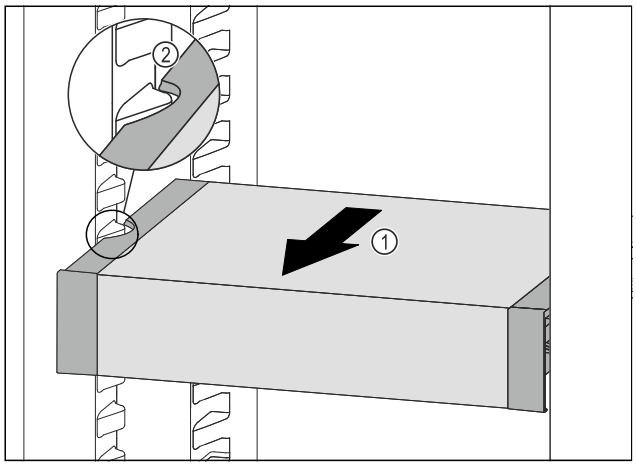


Fig. 108

▶ Pull VarioSafe forward *Fig. 108 (1)* until the recesses in the side of the VarioSafe are at the level of the support rib in the refrigerator compartment. *Fig. 108 (2)*

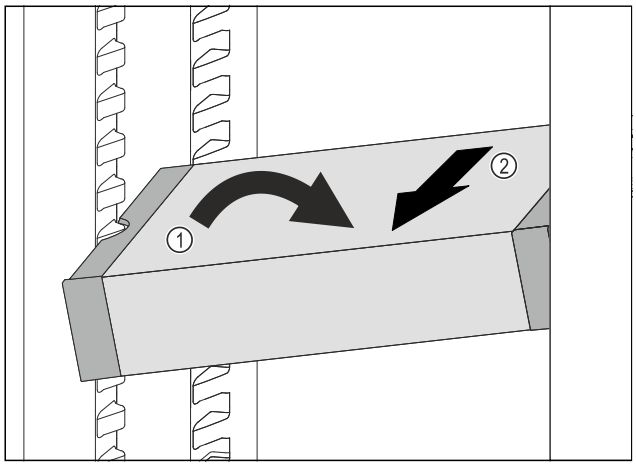


Fig. 109

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

8.4.5 Disassembling the VarioSafe

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

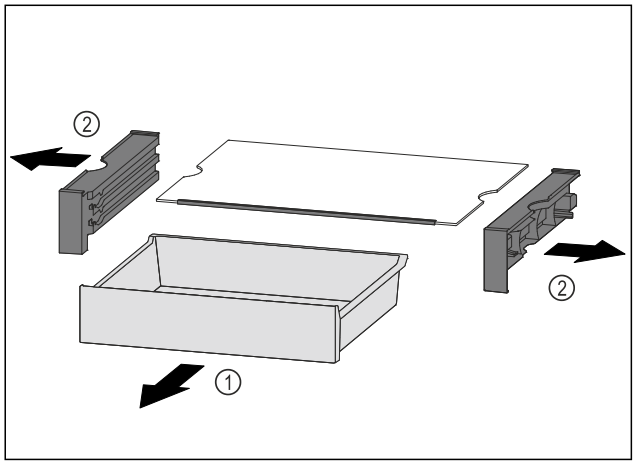


Fig. 110

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

8.5 Space for baking tray

There is space for a baking tray *Fig. 1 (7)* above the drawers.

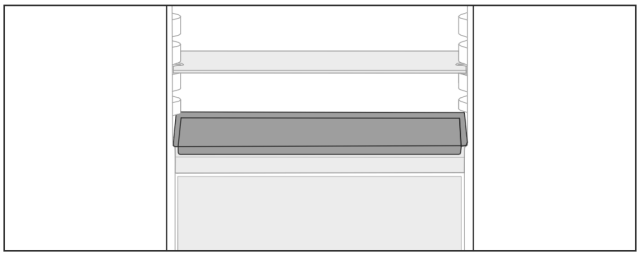


Fig. 111

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.

-or-

If baking tray is uneven:
▶ Use the supplied support rails.

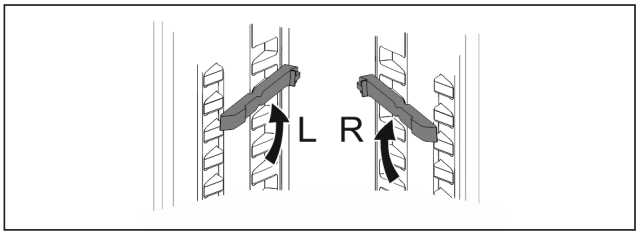


Fig. 112

▶ Snap support rails into the lowest runs.
When door 90° is open:
▶ Slide the baking tray in on the support rails.

8.6 Variable bottle shelf

8.6.1 Using the bottle shelf

Use the variable bottle shelf or the glass panel placed on the fridge floor.

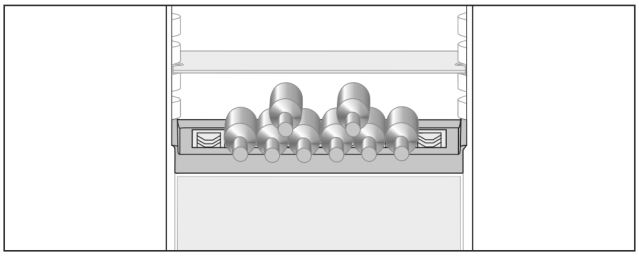


Fig. 113

▶ Remove the glass shelf and store separately.
▶ Place the bottles with the base pointing backwards facing the rear wall

Note
If the bottles protrude over the front of the bottle shelf:
▶ Move the bottom door rack higher up.

8.6.2 Removing the bottle shelf

You can remove the bottle shelf for cleaning.
▶ Remove the glass panel above the bottle shelf.

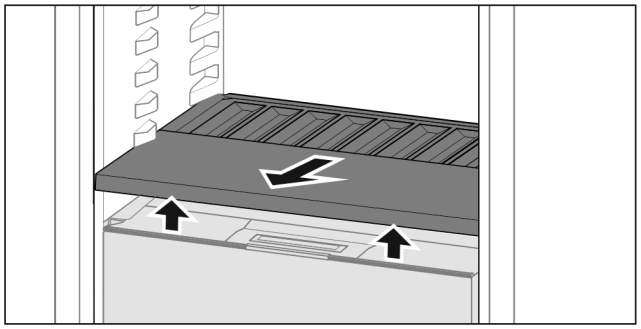


Fig. 114

▶ Lift the bottle shelf at the front and pull out.

Note
Liebherr recommends the following:
Do not place any goods on the drawer cover below.

8.6.3 Inserting the bottle shelf

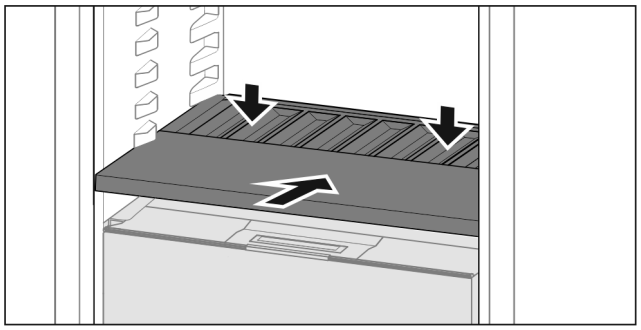


Fig. 115

▶ Slide in the bottle shelf until it engages and push down.
▷ The lugs at the back of the bottle shelf are connected automatically.
▷ LED lights up.

8.7 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.

For appliances with NoFrost:*

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!*

For appliances without NoFrost:*

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

▶ Never obstruct the vents on the interior rear wall!*

8.7.1 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

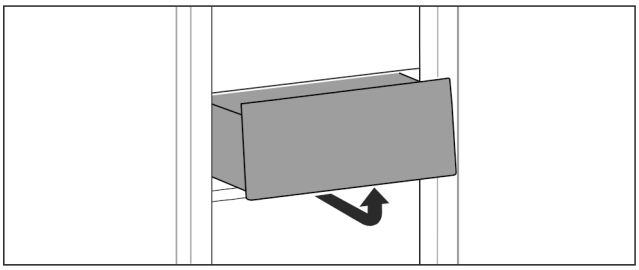


Fig. 116

▶ Remove drawer as shown in the diagram.

Inserting drawer

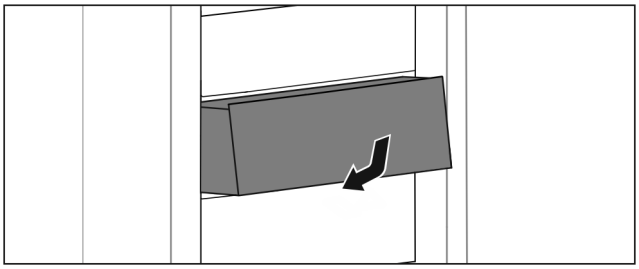


Fig. 117

▶ Insert drawer as shown in the diagram.

8.7.2 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

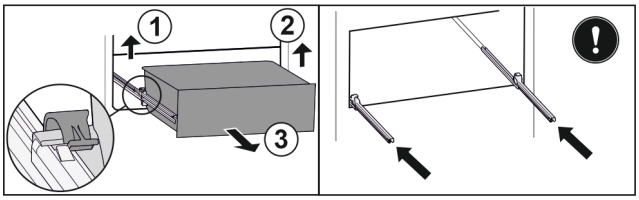


Fig. 118

▶ Pull out drawer as far as it will go.
▶ Lift left clamp and simultaneously pull drawer forwards on the left. *Fig. 118 (1)*
▶ Lift right clamp and simultaneously pull drawer forwards on the right. *Fig. 118 (2)*
▶ Remove drawer to the front. *Fig. 118 (3)*
▶ Slide rails in.

Inserting drawer

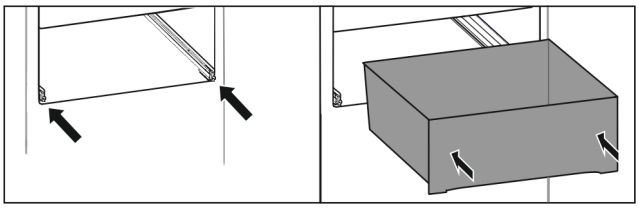


Fig. 119

▶ 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

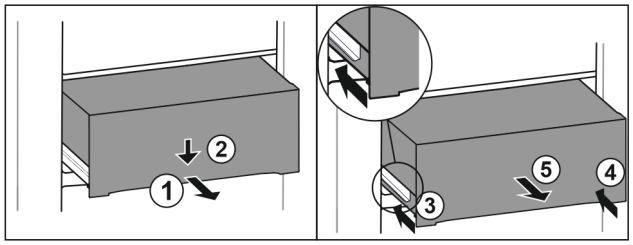


Fig. 120

- ▶ Pull out the drawer halfway. *Fig. 120 (1)*
- ▶ Press down the drawer on the front. *Fig. 120 (2)*
- ▶ Push in the left rail approximately 2 cm. *Fig. 120 (3)*
- ▶ Push in the right rail approximately 2 cm. *Fig. 120 (4)*
- ▶ Remove drawer to the front. *Fig. 120 (5)*

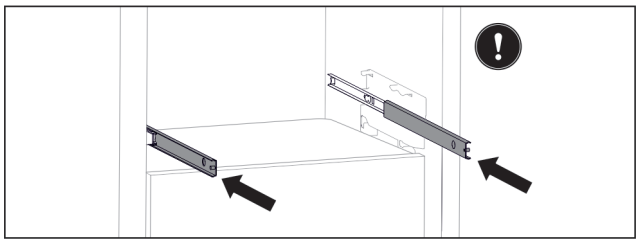


Fig. 121

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

- ▶ Push the rails in completely.

Inserting drawer

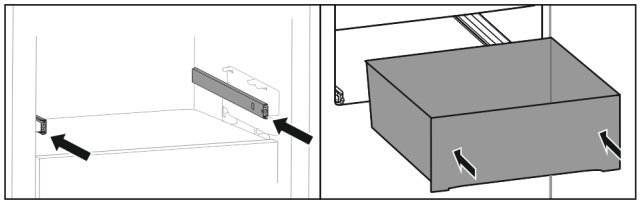


Fig. 122

- ▶ 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

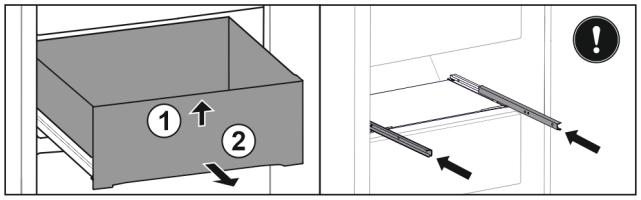


Fig. 123

If the drawer is in the top freezer:

- ▶ Pull out drawer as far as it will go.
- ▶ Lift up drawer at the front. *Fig. 123 (1)*
- ▶ Remove drawer to the front. *Fig. 123 (2)*
- ▶ Slide rails in.

-or-

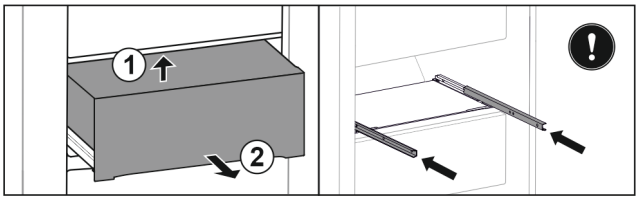


Fig. 124

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

- ▶ Pull out drawer halfway.
- ▶ Lift drawer from below at the back. *Fig. 124 (1)*
- ▶ Remove drawer to the front. *Fig. 124 (2)*
- ▶ Slide rails in.

Inserting drawer

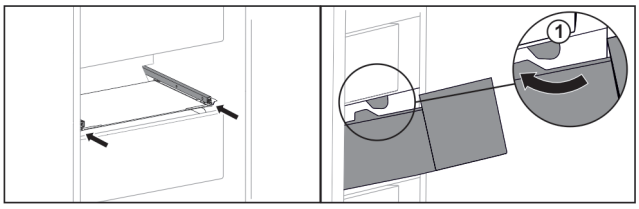


Fig. 125

- ▶ Slide rails in.
- ▶ Guide drawer around the stoppers *Fig. 125 (1)*.
- ▶ Place drawer on rails.
- ▶ Slide in drawer to the back.

8.8 Fruit & Vegetable-Safe cover

The compartment lid can be removed for cleaning.

8.8.1 Removing the compartment lid

Make sure that the following requirements are fulfilled

- ❑ Bottle shelf is removed (see 8.6 Variable bottle shelf) .

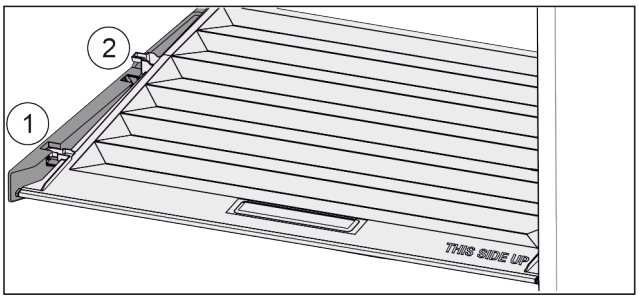


Fig. 126

If the drawers are removed:

- ▶ Pull the lid up at the front in the retaining parts to the opening *Fig. 126 (1)*.
- ▶ Lift from the back and pull it up and out *Fig. 126 (2)*.

8.8.2 Inserting the compartment lid

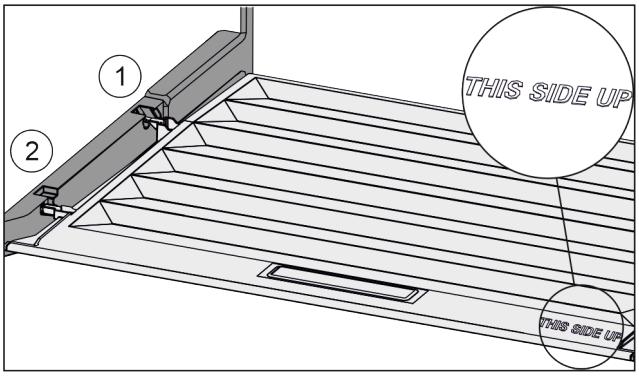


Fig. 127

If the text THIS SIDE UP is on top:

▶ Insert the lip of the cover over the opening of the rear bracket *Fig. 127 (1)* and click into place *Fig. 127 (2)*.

▶ Position the cover where you want it (see 8.9 Humidity control) .

8.9 Humidity control

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

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

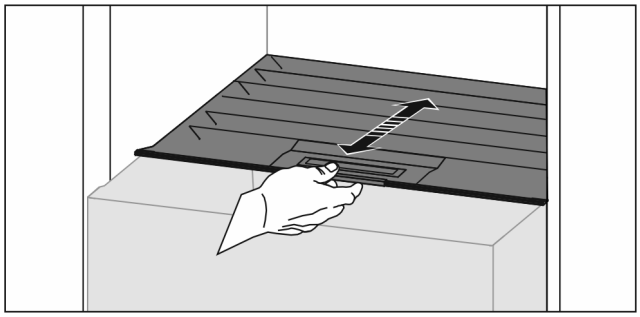


Fig. 128

Low air humidity

▶ Open the drawer.

▶ Pull the drawer cover to the front.

▷ If the drawer is closed: Gap between lid and compartment.

▷ Moisture levels lower in the Safe.

High air moisture:

▶ Open the drawer.

▶ Slide the compartment cover to the back.

▷ If the drawer is closed: The cover seals the compartment.

▷ Moisture levels rise in the Safe.

If there is too much moisture in the compartment:

▶ Choose a “low moisture setting”.

-or-

▶ Remove the moisture with a cloth.

Note

With the “low humidity” setting, the Fruit & Vegetable-Safe can also be used as a Meat & Dairy-Safe.

▶ Choose a “low moisture” setting.

8.10 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.

8.10.1 Removing / inserting the glass shelf

Make sure that the following requirements are fulfilled:

❑ Glass shelf under the drawer: Drawer has been removed. (see 8.7 Drawers)

Removing glass shelf

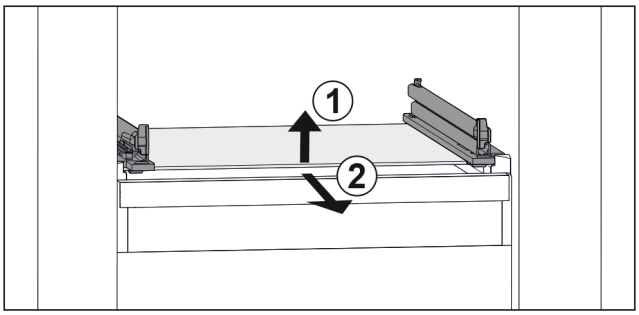


Fig. 129 Example illustration of glass shelf

▶ Lift glass shelf at the front. *Fig. 129 (1)*

▶ Remove glass shelf to the front. *Fig. 129 (2)*

Inserting the glass shelf

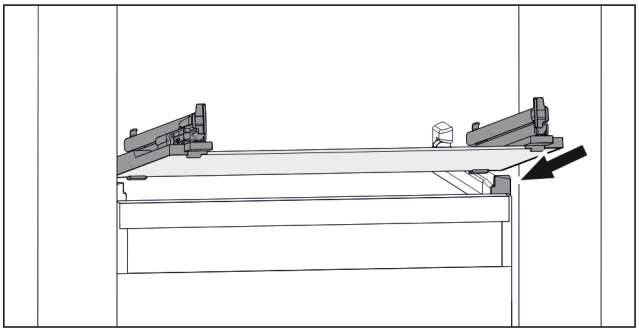


Fig. 130 Example illustration of glass shelf

▶ Position glass shelf at an angle behind the stoppers. (see Fig. 130)

▶ Lower glass shelf.

▶ Slide in glass shelf to the back.

8.11 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.

8.11.1 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 .

▶ To make a large quantity of ice cubes: Activate the MaxIce .

▶ 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.

8.11.2 Using the drawer with the IceMaker deactivated

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

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

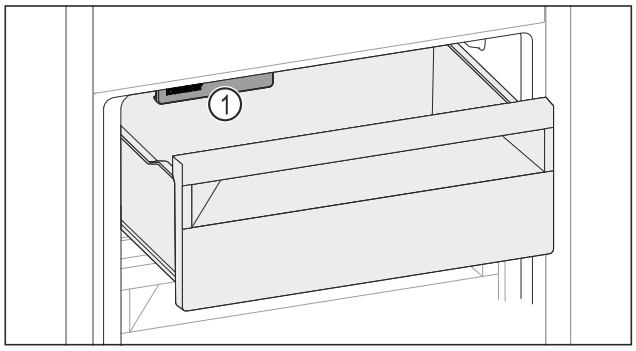


Fig. 131

▶ Place food in drawer.
If you put food in the left side of the drawer:

▶ Pay attention to the IceMaker *Fig. 131 (1)*.

8.12 VarioSpace

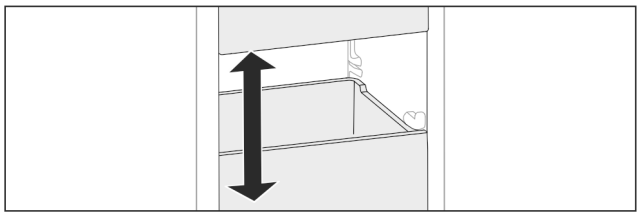


Fig. 132

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) .

8.13 Butter dish

8.13.1 Opening/closing the butter dish

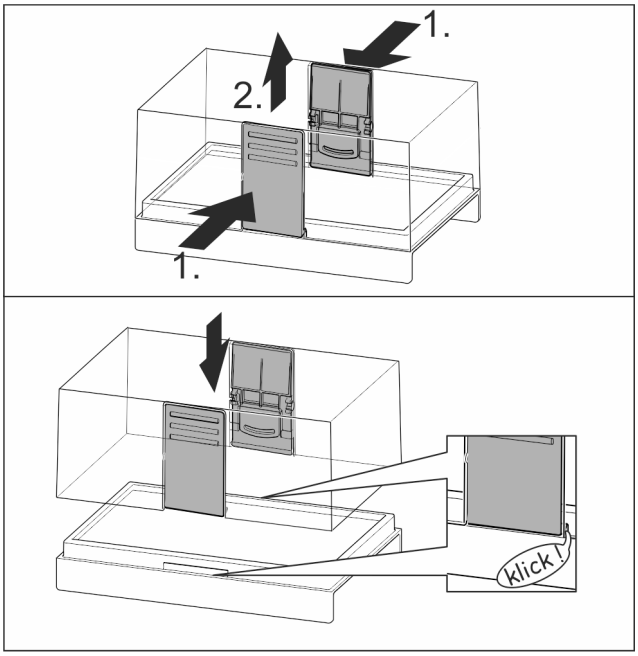


Fig. 133

8.13.2 Dismantling the butter dish

You can disassemble the butter dish for cleaning.

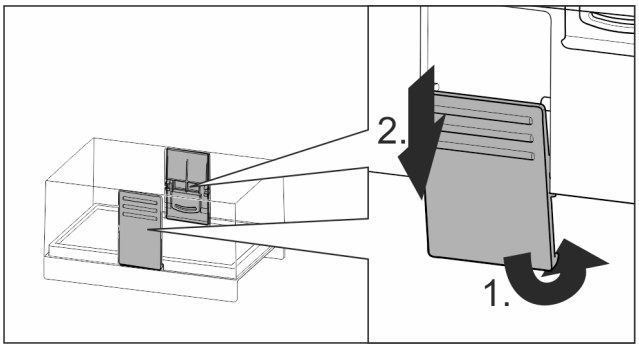


Fig. 134

▶ Disassemble the butter dish.

8.14 Egg rack

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

8.14.1 Using the egg rack

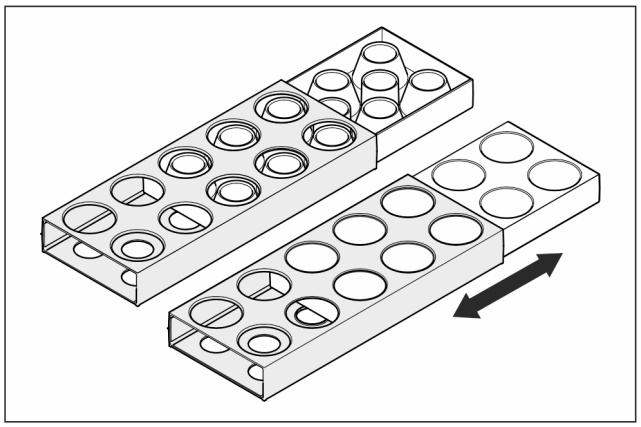


Fig. 135

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

8.15 Bottle rack

8.15.1 Using the bottle rack

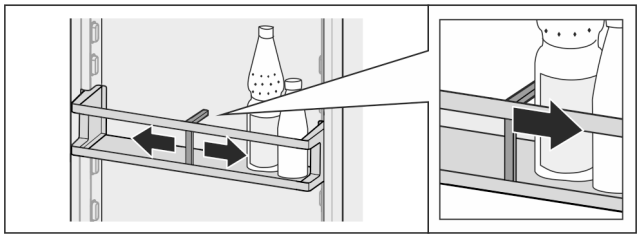


Fig. 136

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

8.15.2 Removing the bottle rack

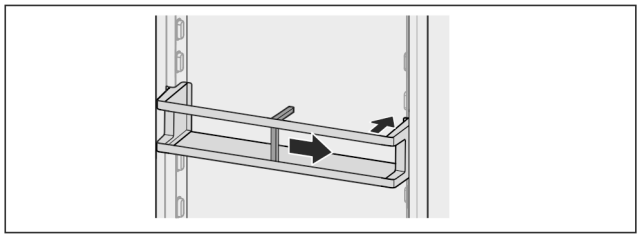


Fig. 137

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

8.16 FlexSystem

8.16.1 Using the FlexSystem

The FlexSystem helps you store and arrange food clearly and in the way you want. It lets you clearly divide your food into fruit, vegetables or by use-by dates, for example.

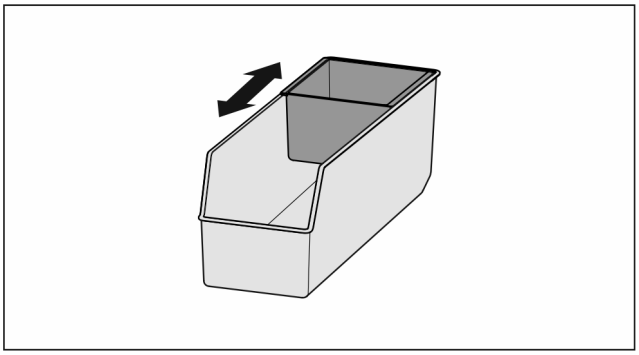


Fig. 138

▶ Move the inside tray.

8.16.2 Removing the FlexSystem

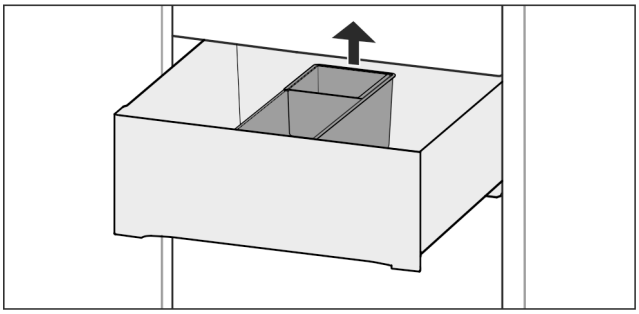


Fig. 139

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

8.16.3 Inserting the FlexSystem

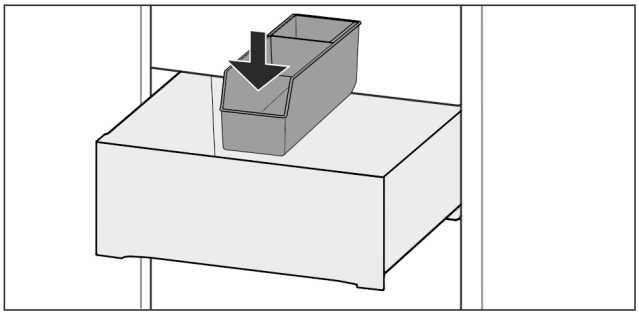


Fig. 140

▶ Insert front of the FlexSystem first.
▶ Lower the back part.

8.16.4 Disassembling the FlexSystem

The FlexSystem can be dismantled for cleaning.

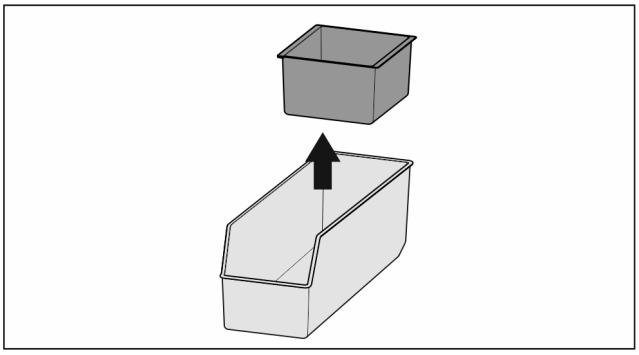


Fig. 141

▶ Dismantling the FlexSystem.

8.17 Freezer packs

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

Appliances with NoFrost:*

The freezer packs are in the drawer.

Appliances without NoFrost:*

8.17.1 Using the freezer packs

Appliances with NoFrost:*

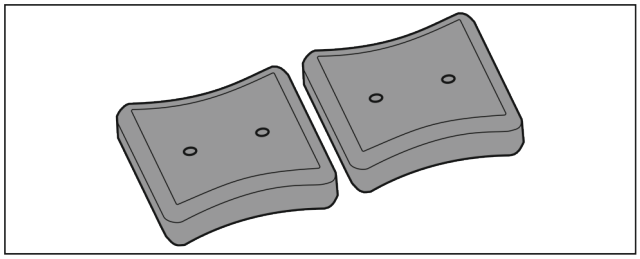


Fig. 142

When the freezer packs are fully frozen:

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

Appliances without NoFrost:*

8.18 Ice cube tray with lid*

8.18.1 Using the ice cube tray

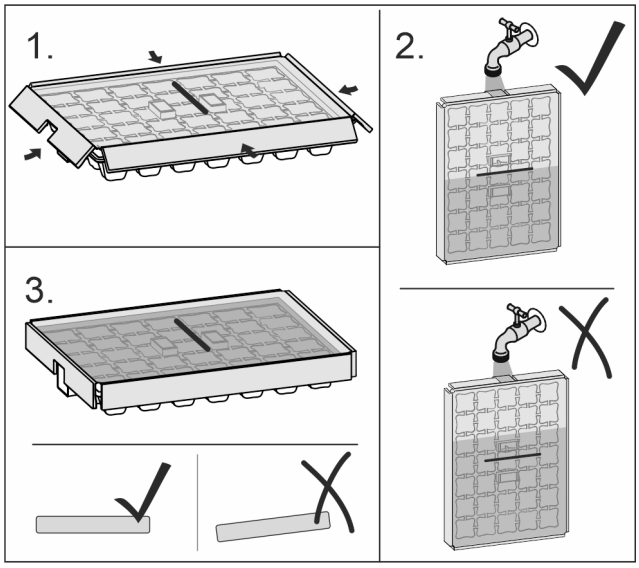


Fig. 143

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.

8.18.2 Dismantling the ice cube tray

You can dismantle the ice cube tray for cleaning.

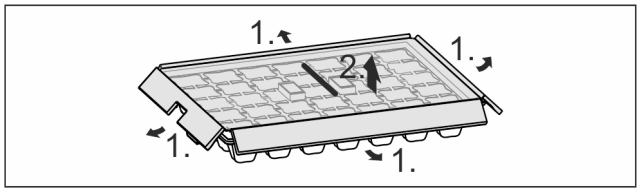


Fig. 144

▶ Disassemble the ice cube tray.

8.19 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.

8.19.1 Moving the flexible ice compartment divider

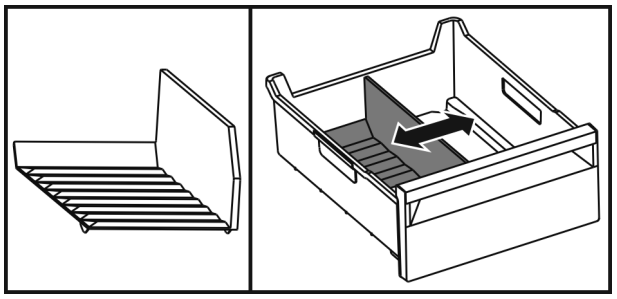


Fig. 145 Example illustration of the ice compartment divider

▶ Move the ice compartment divider to the desired position.

8.19.2 Removing the flexible ice compartment divider

Make sure that the following requirements are fulfilled:

❑ Ice cube drawer is removed. (see 8.7 Drawers)

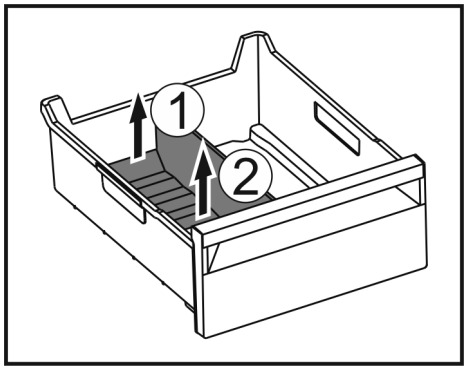


Fig. 146

▶ Lift the rear part of the ice compartment divider. *Fig. 146 (1)*
▶ Remove the ice compartment divider upwards. *Fig. 146 (2)*

8.19.3 Putting in the flexible ice compartment divider

Make sure that the following requirements are fulfilled:

❑ Ice cube drawer is removed. (see 8.7 Drawers)

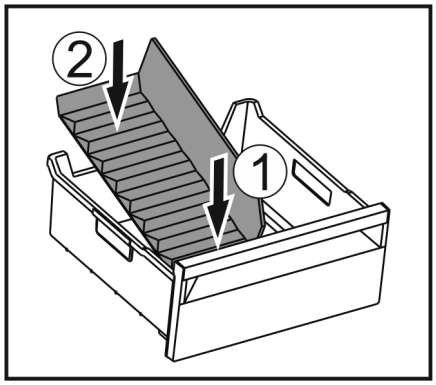


Fig. 147

▶ Insert the front part of the ice compartment divider. *Fig. 147 (1)*
▶ Lower the rear part of the ice compartment divider to the drawer bottom. *Fig. 147 (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

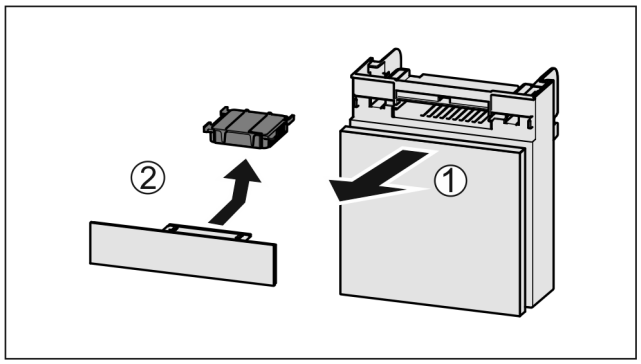


Fig. 148

▶ Pull out the compartment *Fig. 148 (1)*.
▶ Remove the carbon filter *Fig. 148 (2)*.

9.1.2 Inserting the FreshAir carbon filter

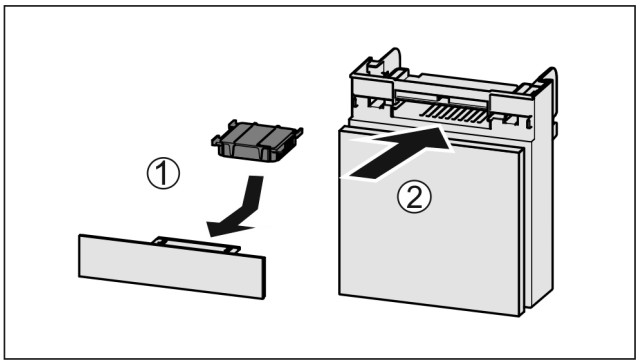


Fig. 149

▶ Insert the carbon filter as shown in the diagram *Fig. 149 (1)*.
▷ The carbon filter clicks into place.
If the carbon filter is pointing downwards:
▶ Push the compartment in *Fig. 149 (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 pull-out fridge compartment*	cannot be disassembled*
Partial pull-out freezer compartment	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 8.10 Glass shelves)

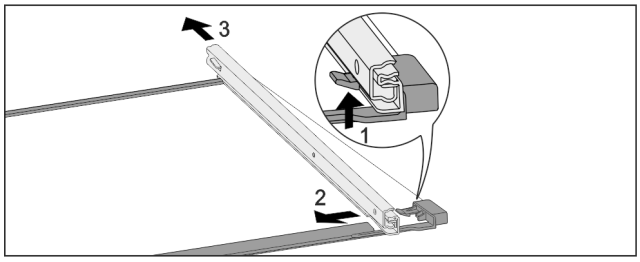


Fig. 150 Glass shelf with rails

▶ Push up front click-in hooks. *Fig. 150 (1)*
▶ Slide pull-out rails to the side *Fig. 150 (2)* and backwards *Fig. 150 (3)*.

Installing pull-out system

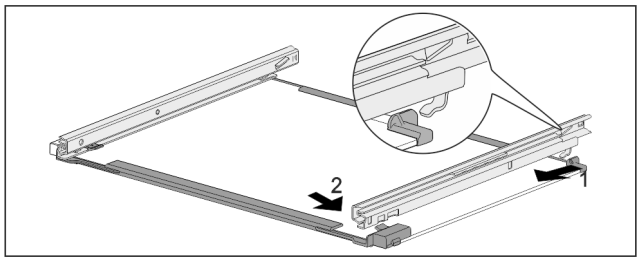


Fig. 151 Glass shelf with rails

▶ Hook in rail at the back. *Fig. 151 (1)*
▶ Hook in rail at the front. *Fig. 151 (2)*

9.3 Defrosting the appliance

WARNING
Appliance incorrectly defrosted!*
Injuries and damage.
▶ Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
▶ Do not use any electrical heating or steam cleaning equipment, naked flames or defrosting sprays.
▶ Do not remove ice with sharp objects.

9.3.1 Defrosting the refrigerator compartment

Defrosting is performed automatically. The water from the thawing process runs out via the drain opening and is evaporated.
▶ Clean the drain opening regularly (see 9.4 Cleaning the appliance) .

9.3.2 Defrosting the freezer compartment with NoFrost*

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

The appliance does not have to be defrosted.

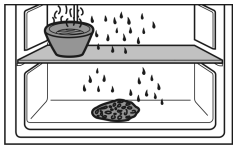
9.3.3 Defrosting the freezer compartment manually*

A layer of frost or ice forms after longer periods of operation.

The following factors may accelerate frost or ice formation:

- The appliance is opened frequently.
- Hot food is placed in the appliance.

One day before defrosting:
▶ Activate SuperFrost (see 7.2 Appliance functions) .
▷ “Cold storage accumulators” are applied to the frozen produce.
▶ Switch off the appliance .
▶ Disconnect the power plug or fuse.
▶ Place cold storage accumulators on top of the frozen produce.
▶ Wrap the frozen food in newspaper or blankets and store in a cold place.
▶ Put a pot with hot (but not boiling) water on a middle shelf of the compartment.



▷ This speeds up defrosting.
▶ Leave the appliance door open during the defrosting process.
▶ Remove pieces of ice that come loose.
▶ Make sure that the defrosted water does not run into the surrounding furnishings.
▶ If necessary, soak up the water with a sponge or a cloth several times.
▶ Clean the appliance (see 9.4 Cleaning the appliance) .

9.4 Cleaning the appliance

9.4.1 Preparation

WARNING
Danger of electric shock.
▶ Unplug refrigerator or disconnect power.

WARNING
Danger of fire
▶ Do not damage the refrigerant circuit.

▶ Empty appliance.
▶ Pull out the power plug.

-or-

▶ Activate CleaningMode. (see CleaningMode)

9.4.2 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.

9.4.3 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:

- VarioSafe*
- Fruit & Vegetable-Safe cover
- Drawer

  Please note: Do not remove the magnet on the drawer. The magnet ensures that the IceMaker functions.*
- Divider in the IceMaker drawer*
- Variable bottle shelf
- FlexSystem

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
- Shelf
- Split shelf
- 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.

9.4.4 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.
▶ 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.

9.4.5 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:	3 °C to 9 °C
BioFresh	0 °C to 3 °C
Freezing	-26 °C to -15 °C

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

Max. equipment capacity			
Equipment	Appliance width 550 mm (see installation instructions, appliance dimensions)	Appliance width 600 mm (see installation instructions, appliance dimensions)	Appliance width 700 mm (see installation instructions, appliance dimensions)
Drawer on glass shelf (see 8.7.1 Drawer on appliance base or glass shelf)	12 kg	15 kg	--
Partial pull-out freezer compartment (see 8.7.2 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 h	At a temperature of -18 °C: 1.2 kg of ice cubes
Maximum ice cube production/24 h	When the MaxIce function is active: 1.5 kg of ice cubes

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

Lighting	
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

Frequency specification	
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
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

Noise	Possible cause	Type of noise
Whirring and murmuring	The fan is running.	Normal operating noise
Clicking	Components are being switched on and off.	Normal switching noise
Rattling or humming	Valves are active.	Normal switching noise

Noise	Possible cause	Type of noise	How to resolve
Vibration	Unsuitable 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 your food: Lay freezer packs on top of the food or use another freezer if the power is off for a prolonged period. ▶ Do not re-freeze defrosted food.
	→ The appliance connector is not correctly inserted in the appliance.	▶ Check the appliance connector.
The temperature is not cold enough	→ This means that the door of the appliance is not closed properly	▶ Close the appliance door
	→ Insufficient ventilation	▶ Clear and clean the ventilation grille.
	→ The ambient temperature is too high	▶ Problem solution: (see 1.4 Range of appliance use)

Defect	Cause	Remedy
	→ 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 longer than 15 min.	▶ The interior light automatically switches itself off if the door stays open for approx. 15 min.
	→ The LED interior light is faulty or the lid is damaged.	▶ Contact Customer Service. (see 10.4 Customer Service)

10.4 Customer Service

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

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

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

10.4.1 Contacting Customer Service

Make sure that the following appliance information is available:

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

▶ Call up the appliance information via the display.
-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.

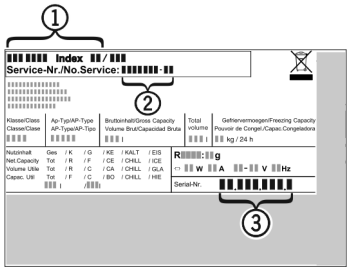


Fig. 152

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

▶ Information from the nameplate.

11 Decommissioning

▶ Empty appliance.
▶ Deactivate IceMaker. (see Deactivating the IceMaker / MaxIce) *
▶ Switch off appliance. (see Turn off appliance)
▶ Pull out the power plug.
▶ Remove the appliance connector if necessary: Pull it out and, at the same time, move it from the left to the right.
▶ Clean appliance. (see 9.4 Cleaning the appliance)
▶ Leave the door open to prevent unpleasant odors.

12 Disposal

12.1 Preparing appliance for disposal

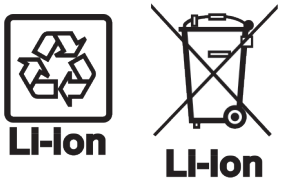
Liebherr uses batteries in some of its appliances. In the EU, for environmental reasons, legislation obliges the end user to remove these batteries before disposing of the old appliances. If your appliance contains batteries, a corresponding notice is attached to the appliance.

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

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

12.2 Disposing of the appliance in an environmentally friendly manner

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



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

Lamps — Dispose of removed lamps via the respective collection systems.

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

WARNING
Leaking refrigerant and oil!
Fire. The refrigerant contained within the appliance is environmentally friendly, but flammable. The oil contained within the appliance is flammable. Escaping refrigerant and oil can ignite if they are of high enough concentration and are exposed to an external heat source.
▶ Do not damage the pipelines of the coolant circuit and the compressor.

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

* Depending on model and options

home.liebherr.com/fridge-manuals

EN Built-in combined fridge-freezer with BioFresh

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Liebherr-Hausgeräte GmbH
Memminger Straße 77-79
88416 Ochsenhausen
Deutschland