

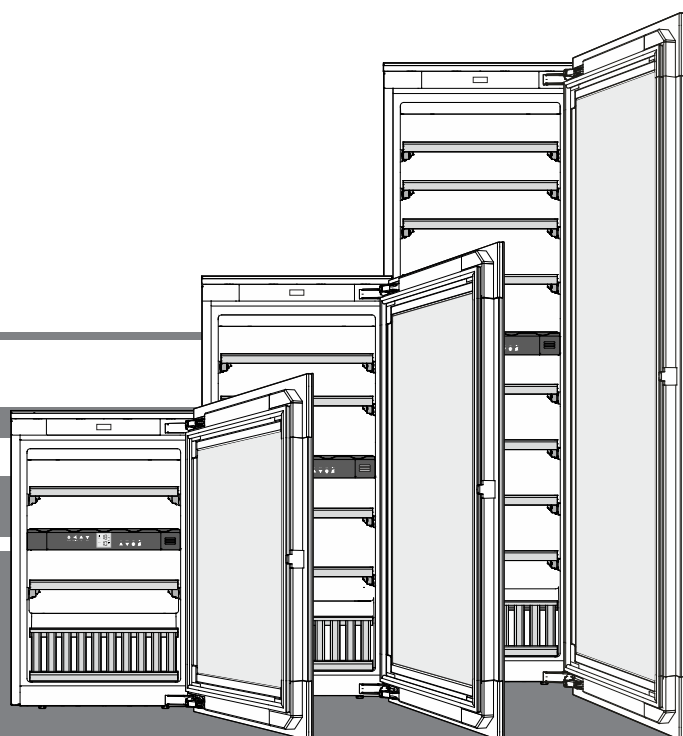
Operating instructions

Multi-temperature wine cabinet

Read the operating instructions before switching on for the first time

Page 12

EN



7085 667-01




EWTgb/gw 1683 / 2383 / 3583



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Priority of warnings




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

Safety instructions and warnings

- **WARNING:** do not seal ventilation openings on the appliance housing or enclosure.
- **WARNING:** only use the mechanical devices or other aids recommended by the manufacturer to help speed up the defrosting process.
- **WARNING:** do not damage the refrigerant circuit.
- **WARNING:** do not use any electrical devices in the refrigerator compartment which do not comply with the design recommended by the manufacturer.
- **WARNING:** the mains cable must not be damaged while installing the appliance.
- **WARNING:** multi-sockets or distributor strips and other electronic devices (such as halogen transformers) must not be positioned and operated at the rear of appliances.
- **WARNING:** danger of injury through electric shock. There are live parts under the cover. Only have the interior LED light replaced or repaired by customer service staff or trained personnel.
- **WARNING:** risk of injury from the LED lamp. The light intensity of the LED light complies with laser class RG 2. If the cover is defective, do not look directly at the light through optical lenses from close distance. This may damage your eyes.
- **WARNING:** this appliance must be secured as described in the operating instructions (Installation instructions) to rule out any potential risks due to its instability.
- This appliance may be used by children aged 8 and over and by people with reduced physical, sensory or mental abilities or a lack of experience and expertise if they are supervised or have been instructed on the safe use of the appliance and have understood the risks associated with it. Children must not be allowed to play with the appliance. Cleaning and user maintenance must not be carried out by children without supervision. Children aged 3 or over and 8 or younger may load and unload the refrigerator/freezer.

- Do not store any explosive substances, such as aerosol containers with flammable propellant gas, inside the appliance.
- To prevent injury and damage to property, the appliance should only be installed by two people.
- After unpacking it, check the appliance for signs of damage. Contact the supplier if it is damaged. Do not connect the appliance to the mains power supply.
- Avoid prolonged skin contact with cold surfaces (e.g. chilled/frozen products). If necessary, take safety action (e.g. gloves).
- All repairs and work on the appliance may only be carried out by customer service personnel or other trained personnel. The same applies to changing the mains power cable.
- Only carry out repair and other work on the appliance when the mains plug has visibly been disconnected.
- Only install, connect and dispose of the appliance as described in these operating instructions.
- In the event of a fault, pull out the plug or switch off the fuse.
- When disconnecting the appliance from the mains, pull on the plug. Do not pull on the cable.
- If you have a lockable appliance, do not keep the key near the appliance or within reach of children.
- The appliance is designed for use in enclosed areas. Do not operate the appliance outdoors or in areas where it is exposed to splash water or damp conditions.
- Do not use the interior LED light to light the room. The interior LED light is only designed to illuminate the interior of the appliance.
- Do not allow naked flames or ignition sources to enter the appliance.
- Alcoholic drinks or other vessels containing alcohol should be sealed tightly for storage.

Symbols on the appliance

	The symbol can be located on the compressor. It refers to the oil in the compressor and indicates the following danger: swallowing or inhaling can be fatal. This is only relevant for recycling. There is no danger in normal operation.
	Warning about flammable substances.
	A sticker to this effect may be applied to the rear of the appliance. It refers to the foampadded panels in the door and/or the housing. This is only relevant for recycling. Do not remove the sticker.

EPREL database

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

Range of appliance use

The appliance is suitable solely for storing wine in a domestic environment or similar. This includes, for example, use

- in staff kitchenettes, bed and breakfast establishments,
- by guests in cottages, hotels, motels and other forms of accommodation,
- in catering and similar services in the wholesale trade.

Use the appliance solely as is customary within a domestic environment. All other types of use are inadmissible.

The appliance is not suitable for storing and cooling medicines, blood plasma, laboratory preparations or similar substances and products covered by the 2007/47/EC Medical Devices Directive. Any misuse of the appliance may result in damage to or spoilage of stored goods.

Furthermore, the appliance is not suitable for operation in potentially explosive atmospheres.

Disposal notes

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



When disposing of the appliance, ensure that the refrigerant circuit is not damaged to prevent uncontrolled escape of the refrigerant it contains (data on type plate) and oil.

- Disable the appliance.
- Pull out the mains plug.
- Cut through the connection cable.

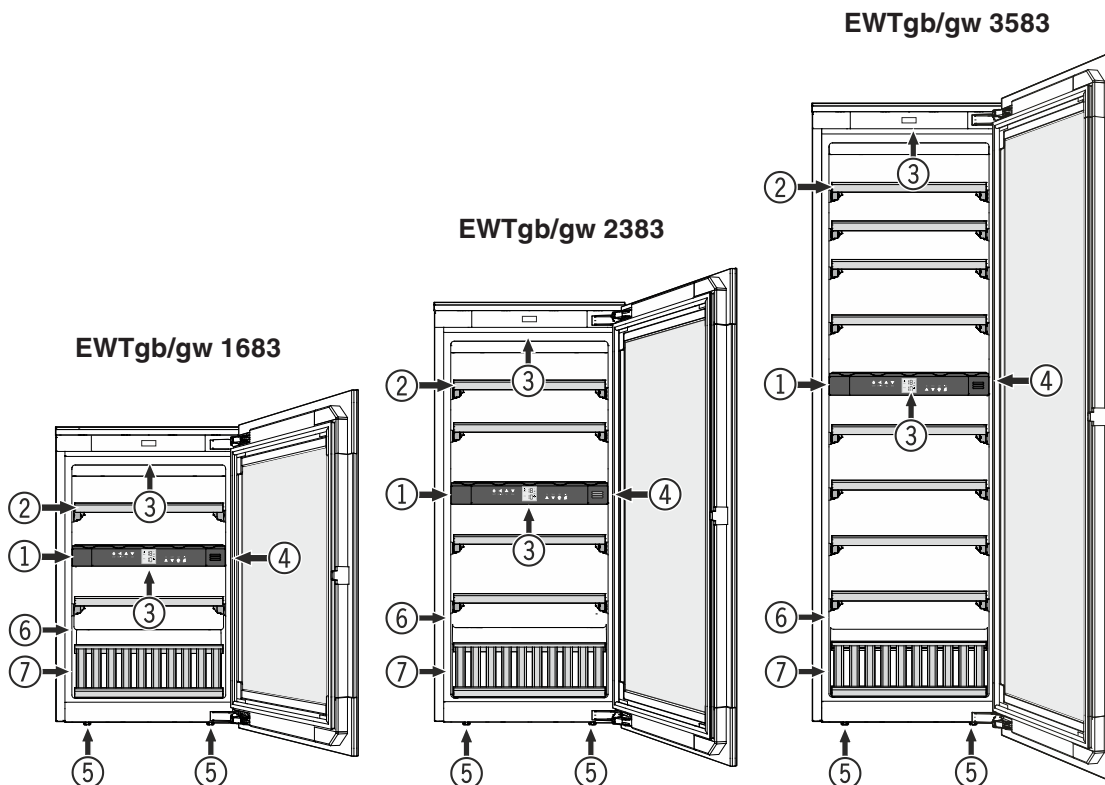
WARNING

Danger of suffocation due to packing material and plastic film!

Do not allow children to play with packaging material.

Take the packaging material to an official collection point.

Description of the appliance



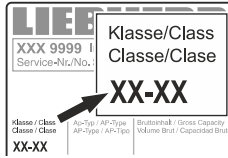
- (1) Operating and control elements
- (2) Pull-out shelves
- (3) Interior light (LED light strip)
- (4) Activated charcoal filter
- (5) Adjustable-height feet
- (6) Type plate
- (7) Presentation shelf

Climate rating

The climate rating indicates the room temperature at which the appliance may be operated in order to achieve full refrigeration performance.

The climate rating is indicated on the type plate.

The position of the type plate is shown in the section entitled **Description of the appliance**.



Climate rating	Room temperature
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

Do not operate the appliance outside the specified room temperature range.

Setting up

- Avoid positioning the appliance in direct sunlight or near cookers, radiators and similar sources of heat.
- Standard EN 378 specifies that the room in which you install your appliance must have a volume of 1 m³ per 8 g of R 600a refrigerant used in the appliance, so as to avoid the formation of inflammable gas/air mixtures in the room where the appliance is located in the event of a leak in the refrigerant circuit. The quantity of refrigerant used in your appliance is indicated on the type plate on the inside of the appliance.

Electrical connection

Only operate the appliance with **alternating current (AC)**.

The permissible voltage and frequency are indicated on the type plate. The position of the type plate is shown in the section entitled **Description of the appliance**.

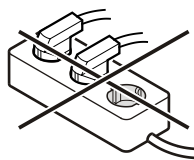
The socket must be properly earthed and protected by a fuse.

The tripping current of the fuse must be between 10 A and 16 A.

The socket must not be situated behind the appliance and must be easily accessible.

Do not connect the appliance using an extension cable or extension socket.

Do not use stand-alone inverters (conversion of direct current to alternating/three-phase current) or energy-saving plugs. Risk of damage to the electronic control system!

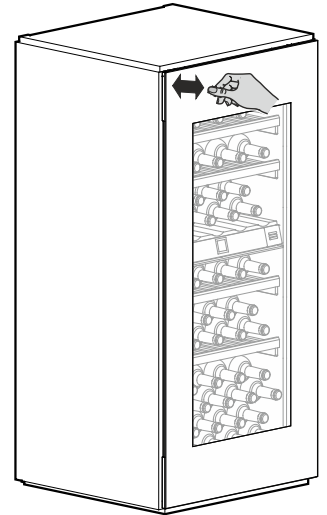


Door opening mechanism

The appliance is equipped with a door opening mechanism.

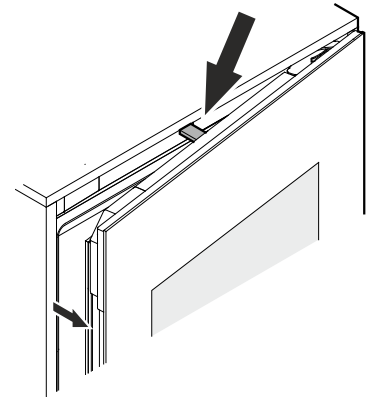
Opening the door

Push the door slightly inwards on the top left-hand side and release again.



The door is opened approx. 7 cm by the push rod.

The door can then be fully opened.



Note

The door will close again automatically after approx. 3 seconds if it has not been fully opened.

Important notes

Do not operate the appliance near magnetic fields or place magnetic objects near the appliance.

The door may otherwise open when you do not want it to.

Do not block the door or hold on to it while it is opening.

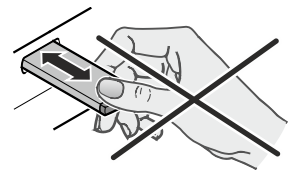
If the door is blocked or held open during opening, the internal safety coupling will be activated.

Loud, repeated cracking noises will be heard.

Do not push the push rod in or hold on to it during closing.

If the push rod is blocked during closing, it will no longer be able to reach its initial position.

In the initial position, the push rod is flush with the front of the appliance.




Setting the push rod back in its initial position

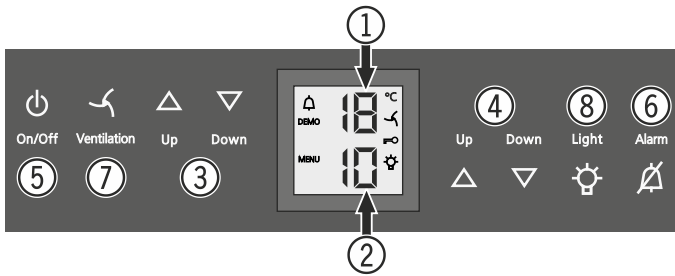
Disconnect the appliance from the mains, wait for approx. 5 seconds and plug it back in again.

The push rod returns to its initial position.

Operating and control elements





The electronic control panel has the new "touch capacitance technology". Any function can be activated by touching the corresponding icon.

The exact contact point is between the symbol and its label  On/Off



- (1) Upper compartment temperature display
- (2) Lower compartment temperature display
- (3) Upper compartment temperature setting buttons
- (4) Lower compartment temperature setting buttons
- (5) On/Off button (switching the appliance on and off)
- (6) Audible warning On/Off button
- (7) Fan switch
- (8) Interior light On/Off button

Symbols in the display

-  Alarm (symbol flashes if the temperature inside the appliance is too high or too low)
- DEMO** Demo mode is activated
- MENU** Setup mode is activated (activating the child lock and adjusting the display brightness)
-  The interior fan runs constantly
-  Child lock is activated
-  The interior light is switched on constantly

Switching the appliance on and off

Switching the appliance on

Press the **On/Off** button until the temperature display lights up.



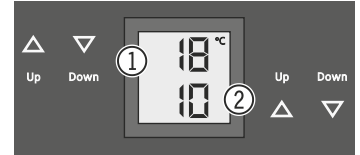
On/Off

Switching the appliance off

Keep the **On/Off** button pressed for approx. 3 seconds so that the temperature display goes out.

Setting the temperature

The temperature of both compartments can be set separately.



- (1) Upper compartment
- (2) Lower compartment

Reducing the temperature

Press the **Down** button.

Increasing the temperature

Press the **Up** button.

- When pressing one of the buttons for the first time, the display will start to flash.
- Pressing this button again enables you to change the temperature setting.
- The electronic control system will switch over automatically about 5 seconds after the last time you pressed the button, and the actual temperature will be displayed.

The temperature can be set at between +5°C and +20°C.

The following drinking temperatures are recommended for the various types of wine.

Red wines: **+14°C to +20°C**

Rosé wines: **+10°C to +12°C**

White wines: **+8°C to +12°C**

Sparkling wines, Prosecco: **+7°C to +9°C**

Champagne: **+5°C to +7°C**

If you are storing wine for long periods of time, it should be stored at a temperature of between +10°C and +12°C.

Fan

The interior fan ensures a constant and even interior temperature and a suitable climate for wine storage.

The humidity in the appliance can be increased even further by activating the **Ventilation** button. This has a particularly positive effect for long-term storage.



The increased level of humidity prevents the corks from drying out.

Door open alarm

If the door is left open for more than 60 seconds, the audible warning signal will sound.

If the door must be opened for a lengthy period to place items into the appliance, cancel the audible warning signal by pressing the **Alarm** button.



The alarm switches back to standby when the door is shut.

Temperature alarm

If the temperatures in the interior are out of the permitted range, the audible warning signal will sound and the temperature display will flash.

- Cancel the audible warning signal by pressing the **Alarm** button.

After a lengthy power failure, the temperature in the interior may have risen to too high a level. After the power supply returns, the fall in temperature can be watched on the display.

The temperature display will stop flashing as soon as the temperature in the interior has reached the set value.

Temperature alarm after a fault in the appliance

If the appliance develops a fault, the temperature in the interior may rise too high or fall too low. The audible warning signal will sound and the temperature display will flash.

- Cancel the audible warning signal by pressing the **Alarm** button.

If the temperature displayed is too high (warm), first check whether the door is closed correctly.

If the temperature display continues to show a value that is too high or too low after one hour, contact the customer service department.



If **F1, F8, E1, E2, E7** or **E8** appears in the display, the appliance has suffered a fault.



In this case, contact the customer service department.




Set-up mode



In set-up mode, you can set the child lock and adjust the brightness of the display. The child lock is designed to protect the appliance from being switched off and the temperature setting from being changed accidentally.

Activating the child lock




Press  for 5 seconds. Display = 




 Display =  |

 Display =  

 Display = 

Deactivating the child lock



Press  for 5 seconds. Display =  


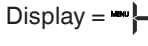
 Display =  


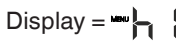
 Display = 

 Display = 

Adjusting the display brightness

Press  for 5 seconds. Display = 



 Display = 

 Display = 

Use buttons **Up** and **Down** to select the desired setting.

- h0** = display lighting off
- h1** = minimum brightness
- h5** = maximum brightness

 Display = 

 Display = 

The adjusted brightness will be activated after one minute.

Note

If a button is pressed, the display lights up for one minute at maximum brightness.

When commissioning the appliance, the adjusted brightness will only be active once the set interior temperature of the appliance has been reached.

Interior light

The interior of the appliance is lit by an LED light strip at the top of each compartment.

The interior light will always switch on when the appliance door is opened. The interior light will go out approx. 5 seconds after the door is closed.

Press the **Light** button if you want the interior light to be on even when the door is closed.

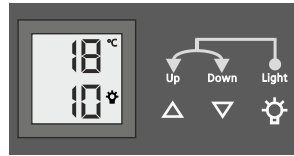


Note

This function applies to the lighting of both compartments.

Furthermore, the brightness of the lighting can be adjusted.

- Press the **Light** button.
- Press and hold the **Light** button and at the same time press the temperature setting buttons to increase or decrease the brightness.



Note: The brightness will change in all compartments.

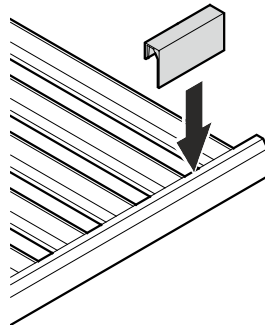
Lighting	
Class ¹	Light source
This product contains a light source that meets energy efficiency rating G	LED
¹ The appliance may contain light sources with different energy efficiency classes. The lowest energy efficiency class is indicated.	

Labels

The appliance is supplied with one label for each wooden shelf.

Use these to label the type of wine stored on each shelf.

Additional labels can be obtained from your dealer.

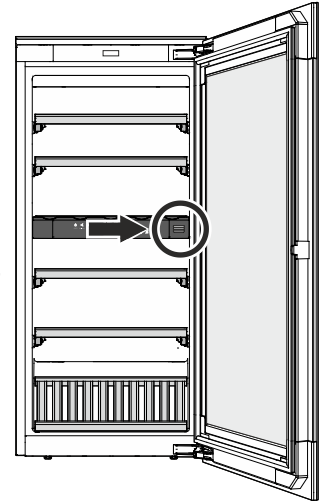


Air exchange with activated charcoal filter

The way in which wines continue to mature depends on the ambient conditions.

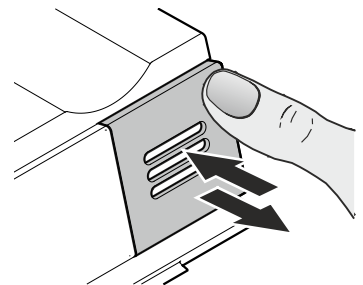
The quality of the air is therefore decisive for preserving the wine.

We recommend that you replace the illustrated filter once a year. Filters can be obtained from your dealer.

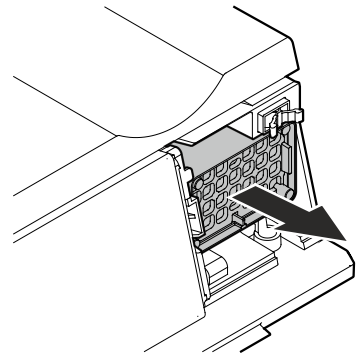


Changing the filter

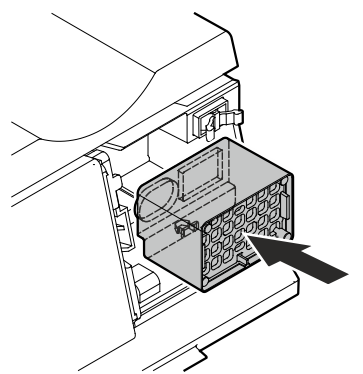
- Push the cover in and release it again.



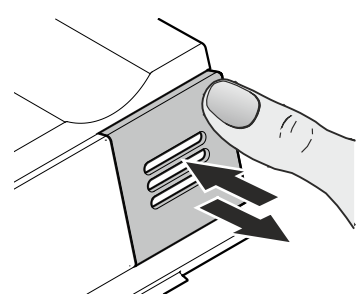
- Pull out the filter.



- Insert the filter



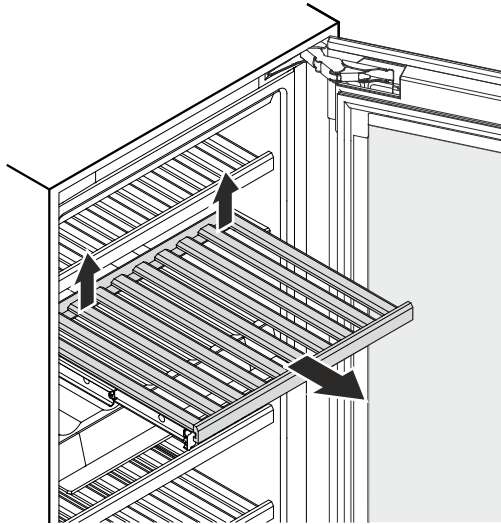
- Insert the cover, push it in as far as it will go and then release it again. The cover is automatically locked into place. You will hear a click.



Removing and inserting the wooden shelves

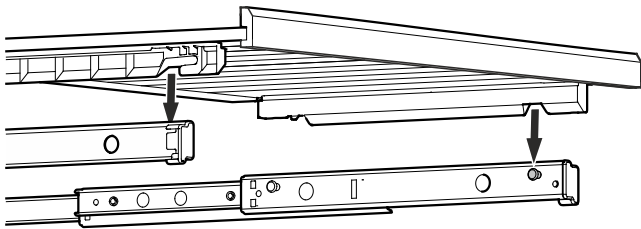
The wooden shelves can be removed for easier cleaning of the inside of the appliance.

Removing the wooden shelf



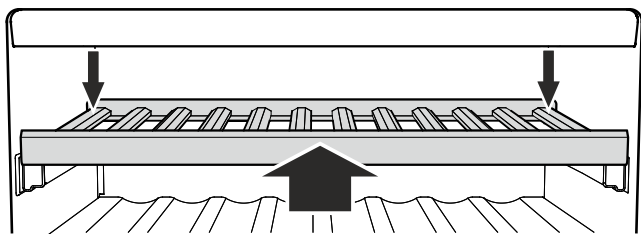
Pull the wooden shelf upwards on the right and left at the back (release) and then remove it towards you.

Inserting the wooden shelf



Extend the pull-out rails as far as they will go. Place the front recesses of the wooden shelf on the securing pins.

Slide the wooden shelf together with the pull-out rails into the appliance as far as they will go.



Push the wooden shelf right to the back so that it clicks into place at the front.

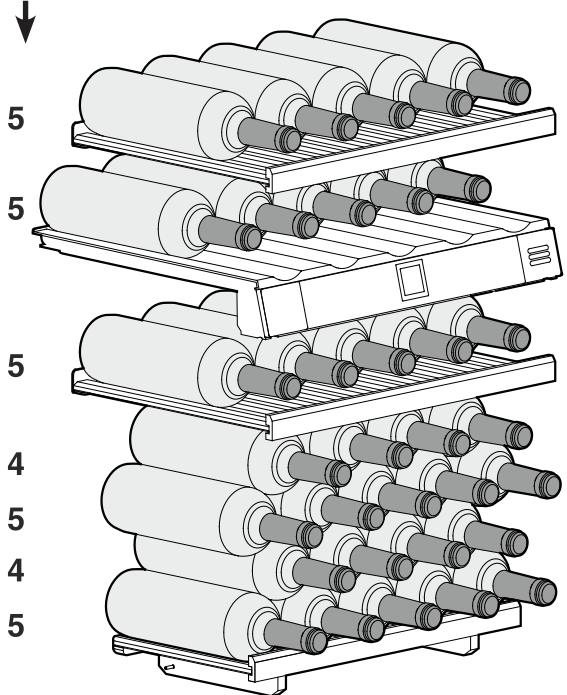
Push the wooden shelf downwards on the right and left at the back and click into place.

Storage diagram

for 0.75 l Bordeaux bottles to standard NF H 35-124

EWTgb/gw 1683

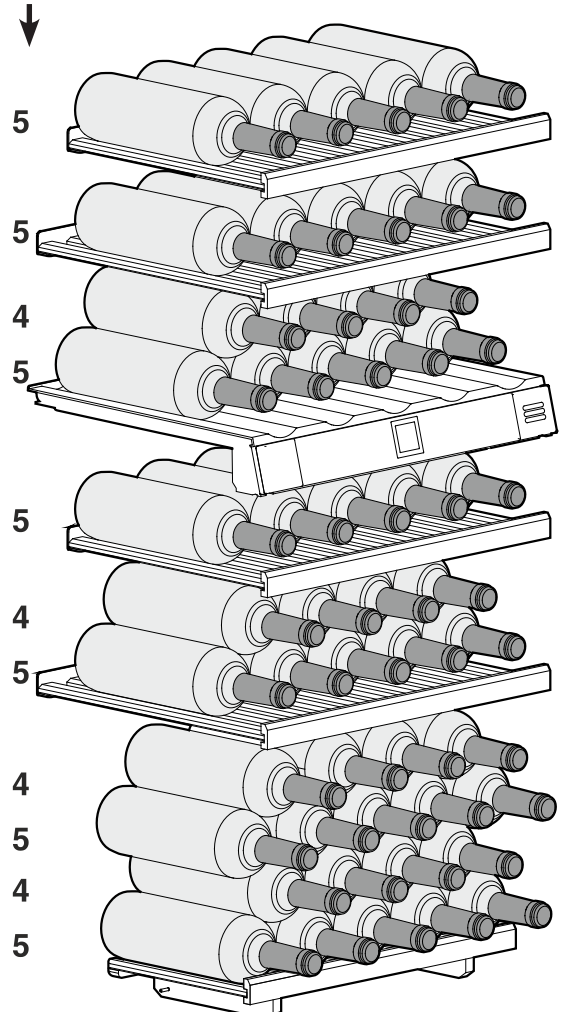
Number of bottles



Total 33 bottles

EWTgb/gw 2383

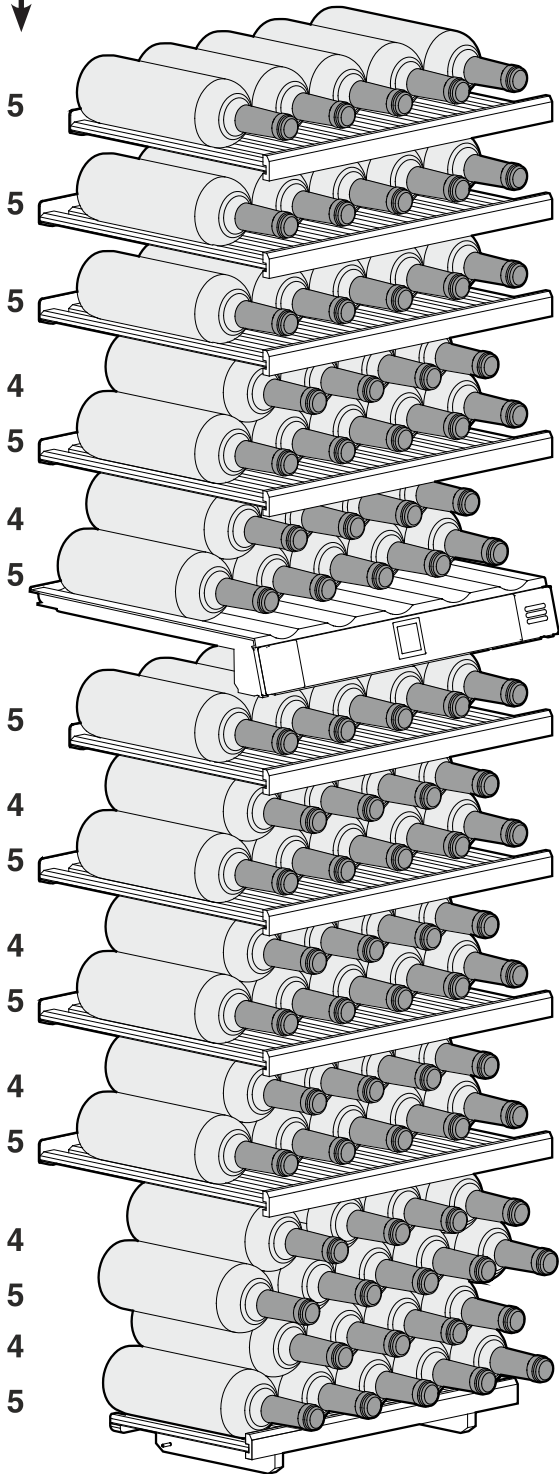
Number of bottles



Total 51 bottles

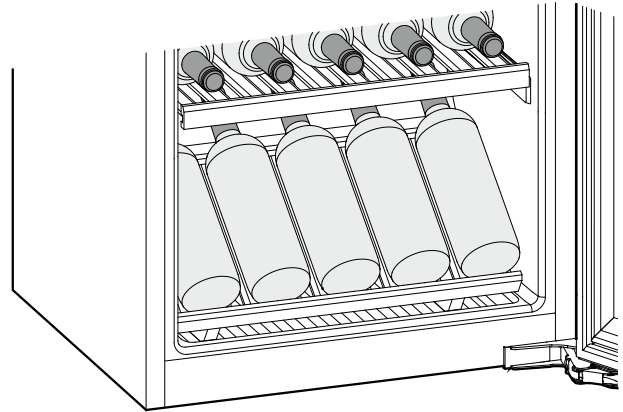
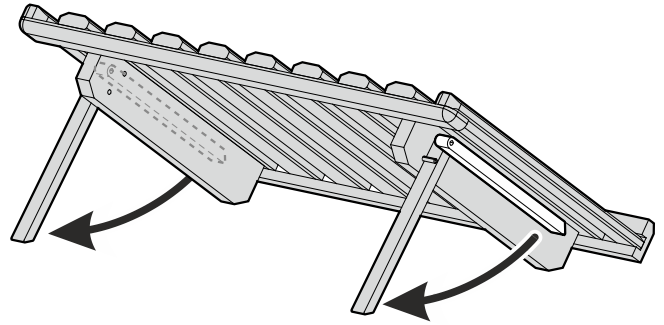
EWTgb/gw 3583

Number of bottles



Total 83 bottles

**Storage diagram
Presentation shelf**



 **Important**

The maximum load per wooden shelf is 25 kg.

Cleaning

A failure to follow these instructions may result in the food being spoilt.

⚠ WARNING

Before cleaning, always disconnect the appliance from the mains. Pull out the plug or switch off the fuse.

Surfaces which may come into contact with food and accessible drain systems must be cleaned at regular intervals.

If the door is left open for a lengthy period, the temperature in the appliance's compartments may rise dramatically.

- Clean the inside, equipment parts and outer walls with lukewarm water and a little detergent. Do not use chemical solvents or any cleaning agents containing sand or acid.
- Use a glass cleaner to clean the glass surfaces and a commercially available stainless-steel cleaning agent for the stainless-steel surfaces.

⚠ CAUTION

Risk of damage to the appliance components and risk of injury due to hot steam.

Do not use steam cleaning equipment to clean the appliance.

- Ensure that no cleaning water penetrates into the electrical components or ventilation grille.
- Dry all parts well with a cloth.
- Do not damage or remove the type plate on the inside of the appliance. It is very important for servicing purposes.

If the appliance is left empty for a lengthy period, it must be switched off, defrosted, cleaned and dried and the door is to be left open to prevent mould formation.

Malfunctions

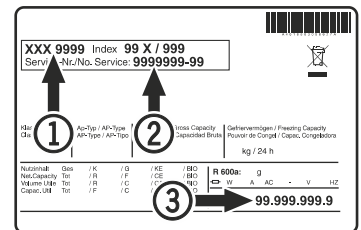
- **F0, F1, E1, E2, E7 or E8 appears in the display.**
 - The appliance has suffered a fault. Contact the customer service department.
- **The fans inside the appliance are running although the fan function has been deactivated and the compressor (refrigeration unit) is idle.**
 - This is a normal operating state depending on the set interior temperature and ambient temperature at the place of installation.

You may be able to rectify the following faults by checking the possible causes yourself.

- **Appliance does not function:**
 - Is the appliance switched on?
 - Is the plug correctly fitted in the mains socket?
 - Is the fuse intact?
- **When inserting the mains plug, the refrigeration unit does not switch on, but a value is shown in the temperature display.**
 - Demo mode is activated. Contact the customer service department.

- **Loud running noise:**
 - Is the appliance set up firmly on the floor?
 - Does the appliance cause nearby items of furniture or objects to vibrate? Please note that noises caused by the refrigerant circuit cannot be avoided.
 - Due to the various speed steps, speed-regulated compressors can generate different running noises. The sound is normal.
- **The temperature is not low enough:**
 - Is the temperature setting correct (see "Setting the temperature")?
 - Does the separately installed thermometer show the correct reading?
 - Is the ventilation system working properly?
 - Is the appliance set up too close to a heat source?
- **The compressor runs for a long time.**
 - The compressor switches to a low speed when little cold is needed. Although the running time is increased as a result, energy is saved. This is normal in energy-saving models.
- **A low hum.**
 - The sound is produced by air flow noise of the fan. The sound is normal.
- **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. The internal light switches itself off automatically after about 15 minutes if the door is open.
 - The LED illumination is faulty or the cover is damaged.

If none of the above causes apply and you cannot rectify the fault yourself, contact the nearest customer service department stating the type designation (1), service number (2) and appliance number (3) as indicated on the type plate.



The position of the type plate is shown in the section entitled **Description of the appliance.**

Shutting your appliance down

If your appliance is to be shut down for any length of time, switch it off and disconnect the plug or switch off or unscrew the fuse.

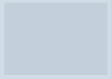
Clean the appliance and leave the door open in order to prevent unpleasant smells.

The appliance complies with the relevant safety regulations and EU Directives 2014/35/EU, 2014/30/EU, 2009/125/EG and 2011/65/EU.



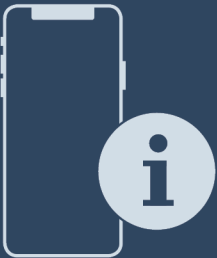
Liebherr Hausgeräte Lienz GmbH
Dr.-Hans-Liebherr-Strasse 1
A-9900 Lienz
Österreich
www.liebherr.com



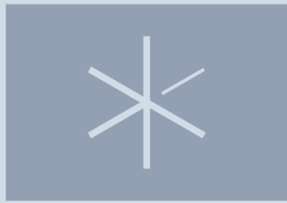
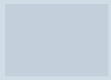


User Guide

Quality, Design and Innovation



















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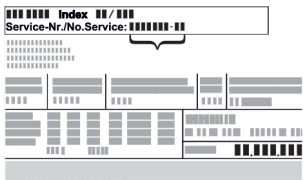
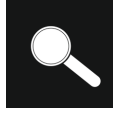



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The manufacturer is continually working on the further development of all types and models. Please be aware that we reserve the right to make changes to the shape, equipment and technology.

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:  <i>Fig. Example illustration</i>
	Check appliance Check all parts for transport damage. If you have any complaints, please contact your agent or customer service.
	Differences These instructions apply to a range of models, so 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:

SIBa20i 3950

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

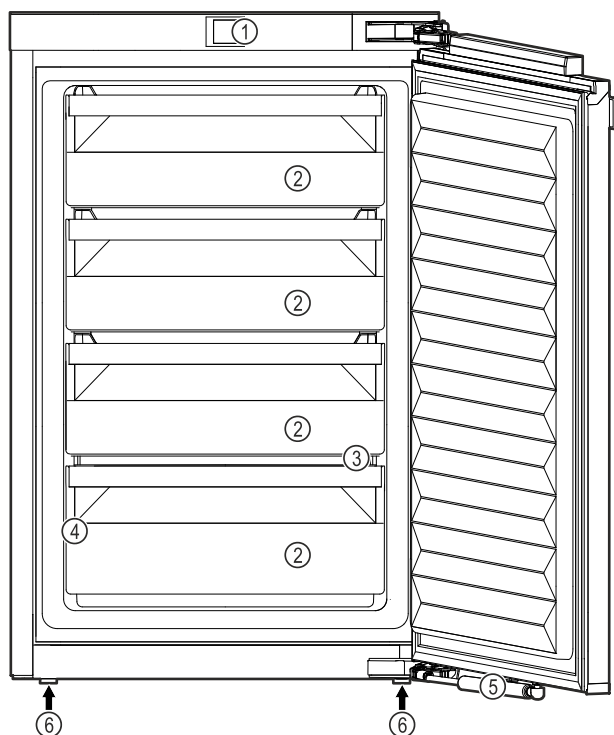


Fig. 1 Example illustration

Equipment

- | | |
|-------------------|---------------------|
| (1) Controls | (4) Type plate |
| (2) BioFresh-Safe | (5) Closing damper |
| (3) Drain opening | (6) Adjustable feet |

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 full-space BioFresh appliance.

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.

The appliance is not suitable for freezing food;

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

General safety instructions

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

For the GB market: 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

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

1.6 SVHC substances according to REACH regulation

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

1.7 EPREL database

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

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



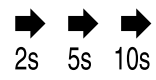
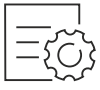
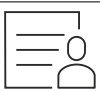
You operate your appliance using the Touch & Swipe display. You select appliance functions in the Touch & Swipe display (hereafter referred to as display) by tapping them. If you do not perform any action on the display for 10 seconds, the display either jumps back to the higher-level menu or directly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


Putting into operation

Symbol	Description
	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 151 .

3.2.1 Opening the Settings menu

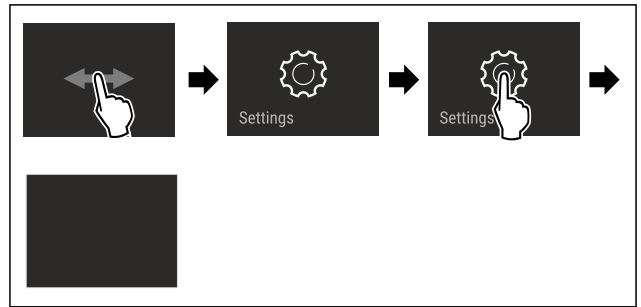


Fig. 2 Example illustration

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

3.2.2 Opening the expanded menu

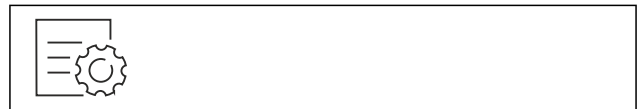


Fig. 3

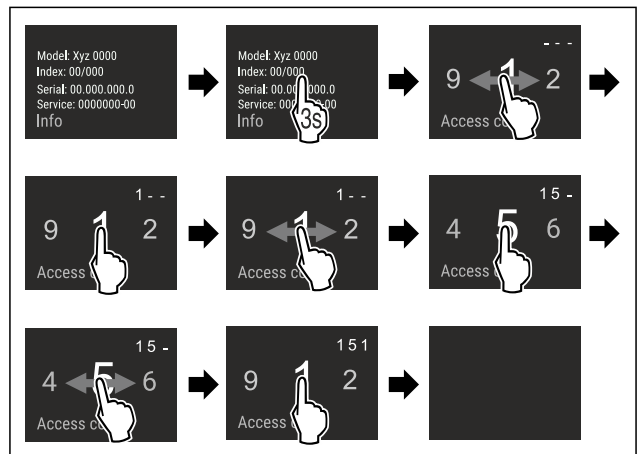


Fig. 4 Example illustration, access with numerical code **151**

- ▶ 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.

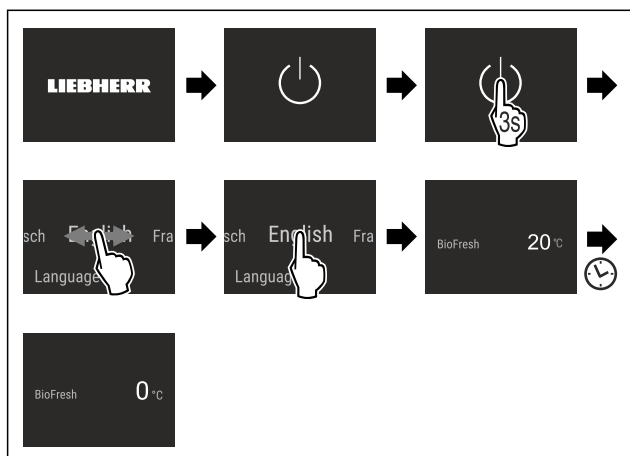


Fig. 5

- ▷ 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 SmartDevice for the first time. (see 1.3 Smart-Device) and (see WiFi)

Note

The manufacturer recommends:

- ▶ Stock with food: Wait for around 6 hours until the set temperature is reached.
- ▶ 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.

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.
- 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 BioFresh

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

Note

If the temperature drops below 0 °C foods may freeze.

- ▶ Do not store cold-sensitive produce such as cucumbers, aubergines, courgettes and tropical fruit in the full-space BioFresh appliance.

For optimal storage of foods, you can regulate the humidity in the appliance using the HumidityPlus function. (see HumidityPlus)

HumidityPlus function	Storage climate	Food
activated	more humid storage climate	loose fruit and vegetables with a high moisture content
deactivated (default setting)	drier storage climate	dry or packaged foods (e.g. dairy products, meat, fish, sausages)

5.2.1 Arranging your food properly

- When HumidityPlus is activated:
 - ▶ Store unpackaged fruit and vegetables.
- When HumidityPlus is deactivated:
 - ▶ Store dry or packaged foods (e.g. dairy products, meat, fish, sausages).

5.3 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.

5.3.1 BioFresh

Recommended storage periods with HumidityPlus deactivated		
Butter	at 1 °C	up to 90 days
Hard cheese	at 1 °C	up to 110 days
Milk	at 1 °C	up to 12 days
Sausage, cold meats	at 1 °C	up to 8 days
Poultry	at 1 °C	up to 6 days
Pork	at 1 °C	up to 6 days
Beef	at 1 °C	up to 6 days
Game	at 1 °C	up to 6 days

Saving energy

Note

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

Recommended storage periods with HumidityPlus activated		
Vegetables, salads		
Artichokes	at 1 °C	up to 14 days
Celery	at 1 °C	up to 28 days
Cauliflower	at 1 °C	up to 21 days
Broccoli	at 1 °C	up to 13 days
Chicory	at 1 °C	up to 27 days
Lettuce	at 1 °C	up to 19 days
Peas	at 1 °C	up to 14 days
Kale	at 1 °C	up to 14 days
Carrots	at 1 °C	up to 80 days
Garlic	at 1 °C	up to 160 days
Turnip	at 1 °C	up to 14 days
Lettuce	at 1 °C	up to 13 days
Herbs	at 1 °C	up to 13 days
Leeks	at 1 °C	up to 29 days
Mushrooms	at 1 °C	up to 7 days
Radishes	at 1 °C	up to 10 days
Brussels sprouts	at 1 °C	up to 20 days
Asparagus	at 1 °C	up to 18 days
Spinach	at 1 °C	up to 13 days
Savoy	at 1 °C	up to 20 days
Fruit		
Apricots	at 1 °C	up to 13 days
Apples	at 1 °C	up to 80 days
Pears	at 1 °C	up to 55 days
Blackberries	at 1 °C	up to 3 days
Dates	at 1 °C	up to 180 days
Strawberries	at 1 °C	up to 7 days
Figs	at 1 °C	up to 7 days
Blueberries	at 1 °C	up to 9 days
Raspberries	at 1 °C	up to 3 days
Currants	at 1 °C	up to 7 days
Sweet cherries	at 1 °C	up to 14 days
Kiwis	at 1 °C	up to 80 days
Peaches	at 1 °C	up to 13 days
Plums	at 1 °C	up to 20 days
Cranberries	at 1 °C	up to 60 days
Rhubarb	at 1 °C	up to 13 days
Gooseberries	at 1 °C	up to 13 days
Grapes	at 1 °C	up to 29 days

6 Saving energy

- Pay attention to good ventilation. Do not cover ventilation holes or grids.
- 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.
- 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.

7 Controls

7.1 Controls and displays

7.1.1 Status display

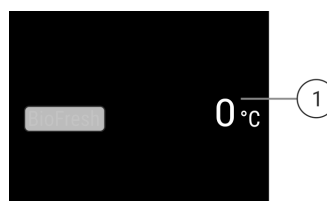


Fig. 6

(1) 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. (see 3 Functionality of the Touch & Swipe display)
- You have familiarised yourself with the operating and display elements of your appliance.

Switching the appliance off and on

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

Switching off the appliance

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

Make sure that the following requirements are fulfilled:

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



Fig. 7

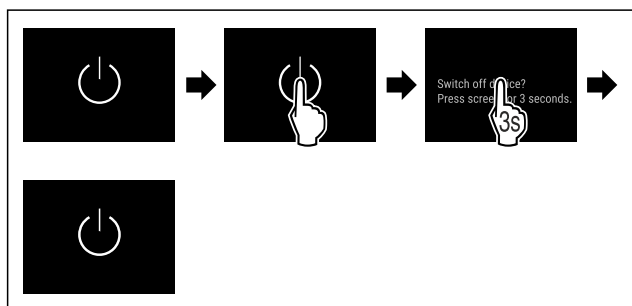


Fig. 8

- ▶ 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.

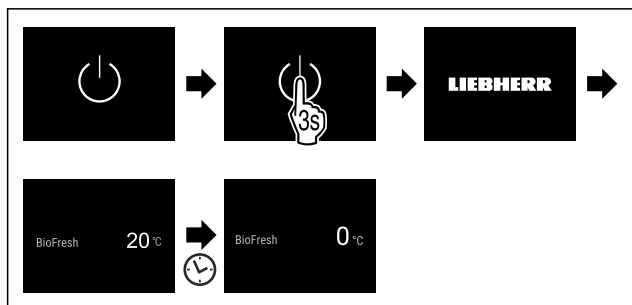


Fig. 9 Example illustration

- ▶ 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.



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. 10

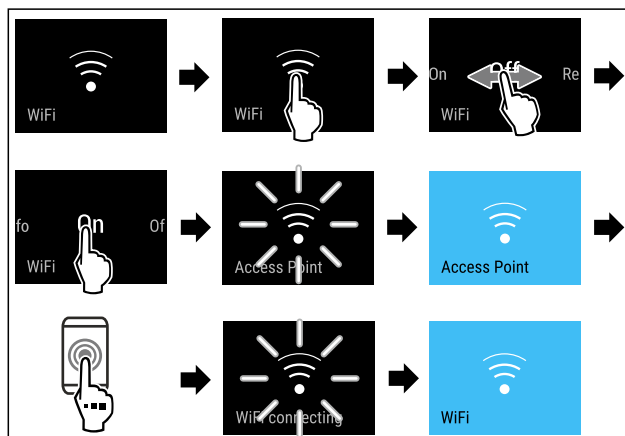


Fig. 11

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

Disconnecting from the WiFi



Fig. 12

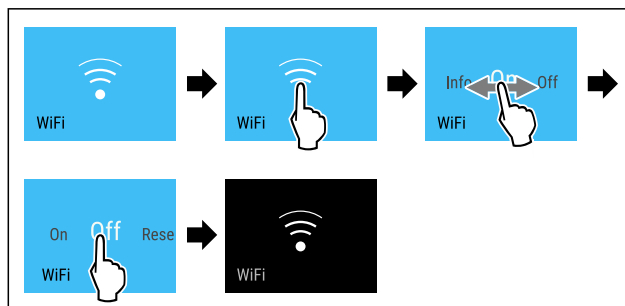


Fig. 13

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

Controls

Resetting the WiFi connection



Fig. 14

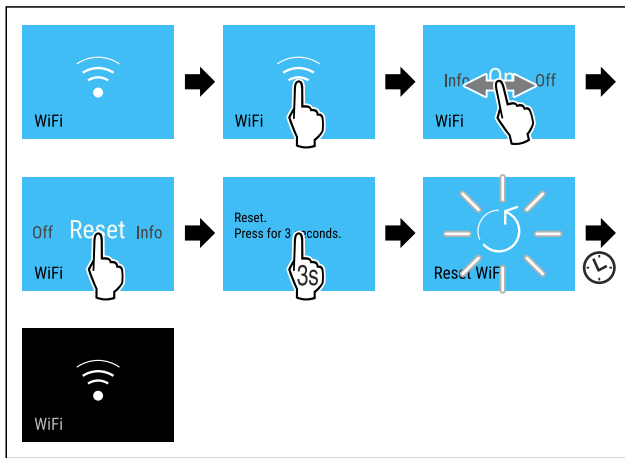


Fig. 15

- ▶ 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. 16

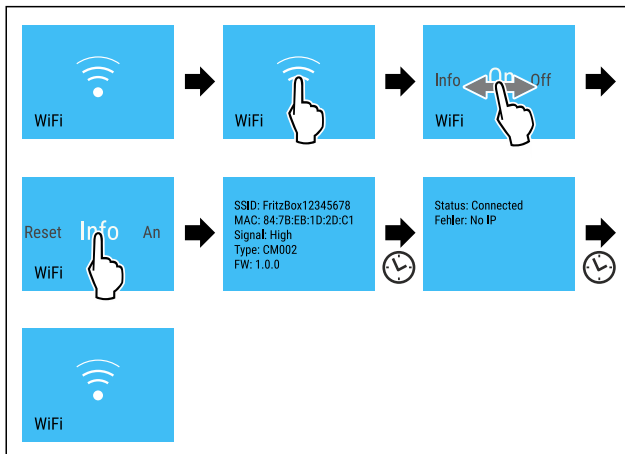


Fig. 17

- ▶ Carry out action steps according to the illustration.

0 °C Temperature

The temperature depends on the following factors:

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

BioFresh	Factory-set temperature	Recommended setting
0 °C	0 °C	B-Value (see BioFresh B-Value)

Setting the temperature

Set the temperature using the **BioFresh B-Value**. (see BioFresh B-Value)

°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. 18

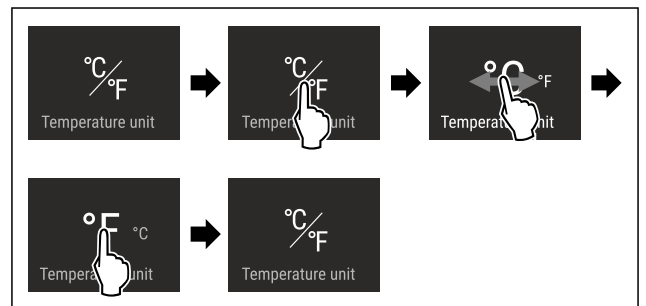


Fig. 19 Example illustration: Switch from degrees Celsius to degrees Fahrenheit.

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

B5 BioFresh B-Value

Use this function to set the BioFresh B-Value. With the BioFresh B-Value, you can set BioFresh slightly warmer or colder if necessary due to higher or lower ambient temperatures. The BioFresh B-Value is pre-set to value B5 as delivered. If you change the B-Value, refer to the following table:

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

Setting the BioFresh B-Value



Fig. 20

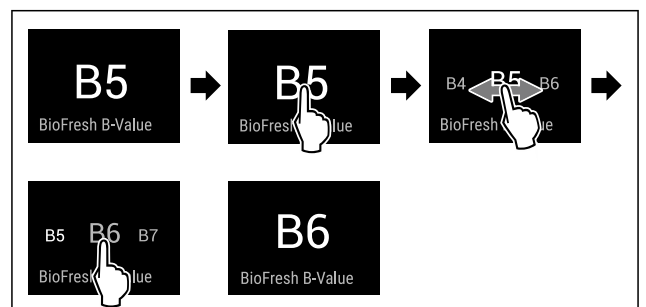


Fig. 21 Example illustration: Switch from B5 to B6.

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



SabbathMode

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

Device status when SabbathMode is active
The status display shows SabbathMode permanently.
All functions on the display are locked except for the Deactivate SabbathMode function .
Active functions remain active.
The display remains bright when you close the door.
The interior lighting is deactivated.
Reminders are not implemented. The set time interval stops.
Reminders and warnings are not displayed.
There is no door alarm.
There is no temperature alarm.
The defrosting cycle operates only for the specified time, without considering the 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. 22

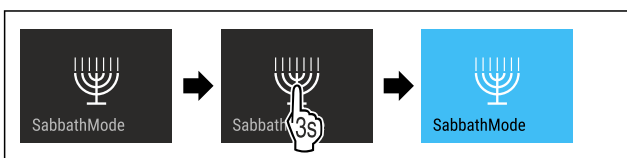


Fig. 23

- ▶ 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:

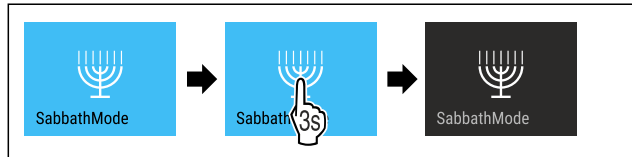


Fig. 24

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



HumidityPlus

You can use this function to activate or deactivate HumidityPlus. If you activate HumidityPlus, the humidity in the device increases and it creates a humid air-conditioning package.

Humidity-Plus function	Storage climate	Application
Activated	More humid storage climate	Storage of unpackaged salad, vegetables and fruit with high intrinsic moisture (see 5.2 BioFresh)
Deactivated (pre-setting)	Drier storage climate	Storage of dry or packaged food (such as dairy products, meat, fish, sausage) (see 5.2 BioFresh)

Activating HumidityPlus



Fig. 25

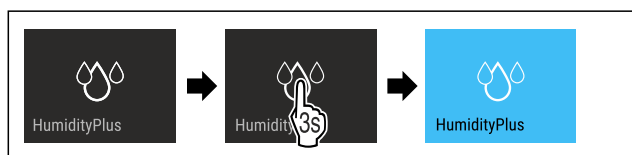


Fig. 26

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

Deactivating HumidityPlus

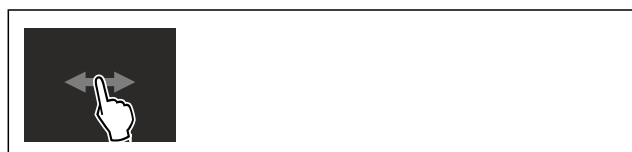


Fig. 27

Controls

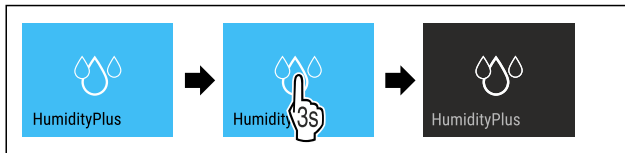


Fig. 28

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



CleaningMode

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

This setting applies to the fridge section.

Application:

- Clean the fridge section. (see 9.3 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

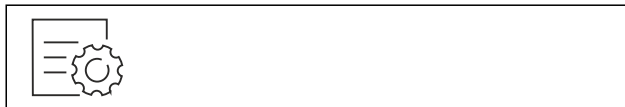


Fig. 29



Fig. 30

- ▶ 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 Cleaning-Mode manually at any time:



Fig. 31

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



Display brightness

Use this function to set the display brightness in stages.

You can select the following brightness levels:

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

Setting the brightness



Fig. 32

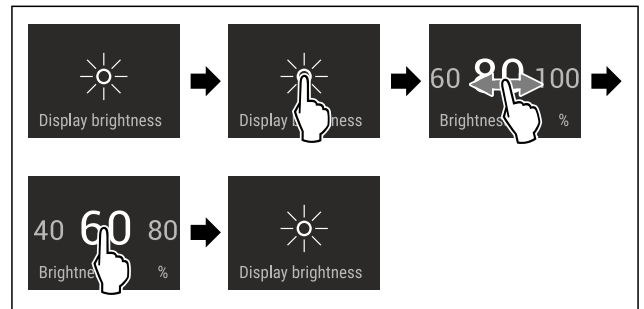


Fig. 33 Example illustration: Switch from 80 % to 60 %.

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

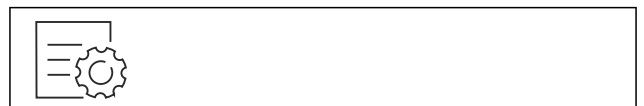


Fig. 34

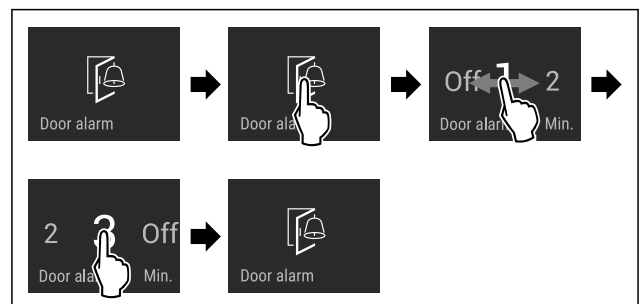


Fig. 35 Example illustration: Change door alarm from 1 minute to 3 minutes.

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

Deactivating the door alarm

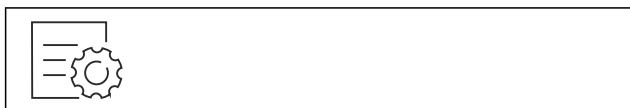


Fig. 37

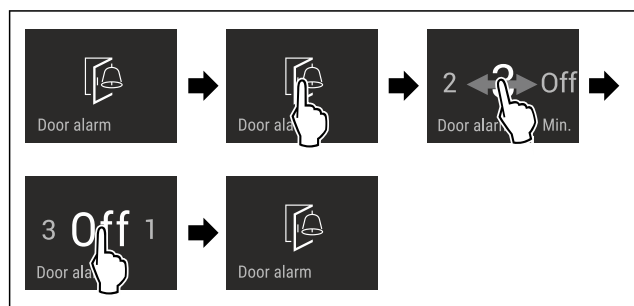


Fig. 38

- ▶ 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. 39

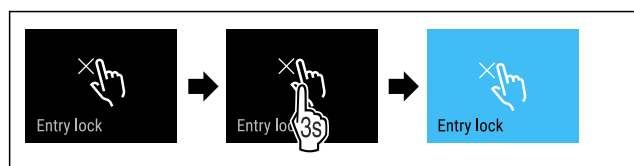


Fig. 40

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

Deactivating the input lock



Fig. 41

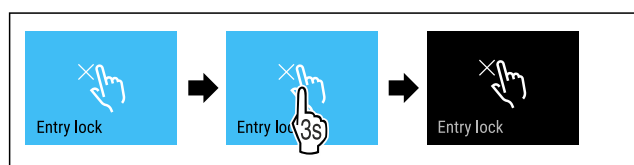


Fig. 42

- ▶ 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
- Bulgarian
- Русский
- 温度单位

Setting the language



Fig. 43

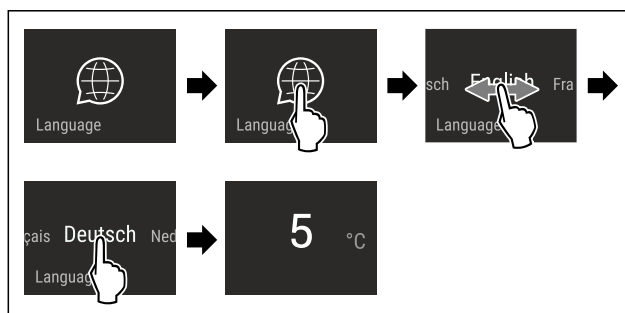


Fig. 44 Example illustration depending on the language and temperature

- ▶ 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. 45



Fig. 46

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

Controls



Software

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

Indicating the software version



Fig. 47



Fig. 48

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



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

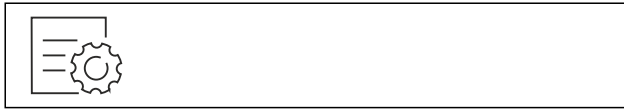


Fig. 49

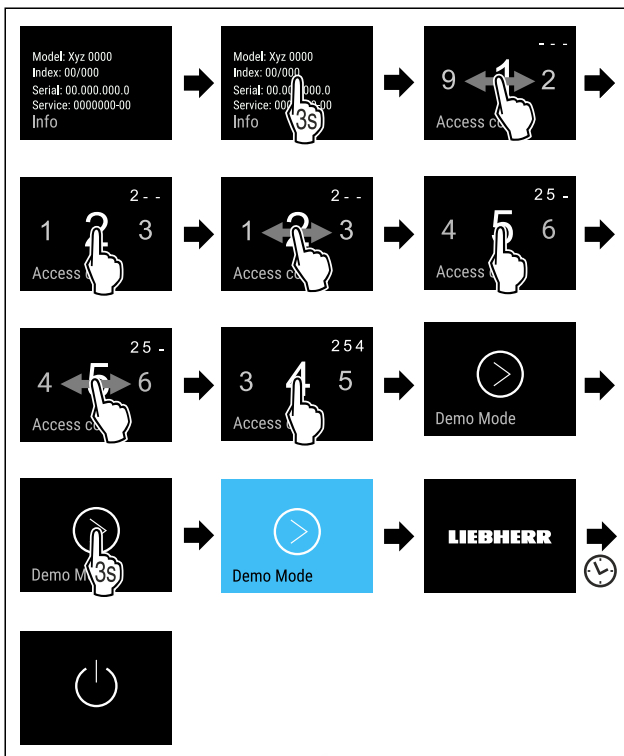


Fig. 50

- ▶ 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. 51

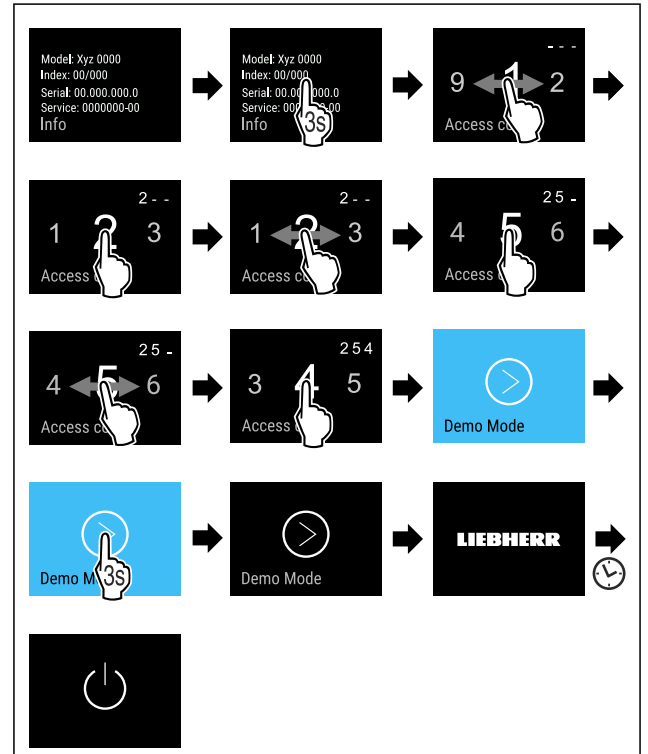


Fig. 52

- ▶ 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

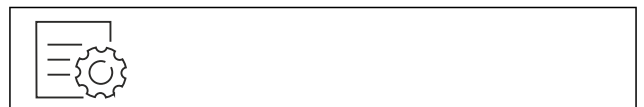


Fig. 53

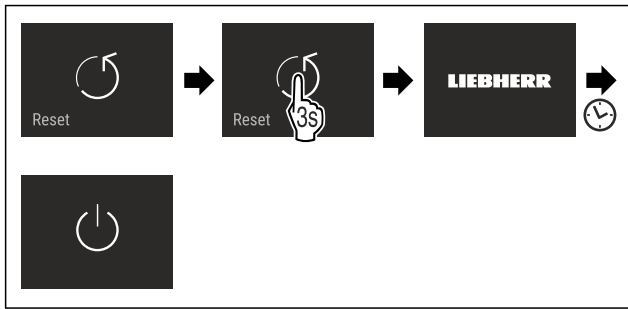


Fig. 54

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

7.3 Messages

There are two categories of messages:

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

7.3.1 Overview of warnings

Behaviour of the appliance in the event of warnings:

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

Message	Cause	Exit the message
 Door alarm	The message appears if the door is open for too long.	Carry out action steps (see Door alarm) .
 Error	The message appears if there is an appliance error. A component of the appliance has a fault.	Carry out action steps (see Error) .
 WLAN error	The message appears if the appliance could not be connected to the WLAN. (see Establishing the WiFi connection for the first time)	Carry out action steps (see WLAN error) .

7.3.2 Ending warnings

Door alarm

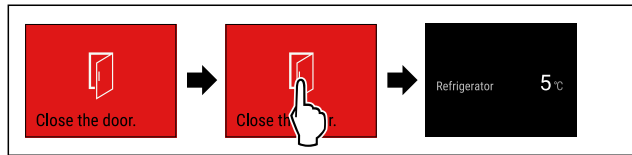


Fig. 55 Example illustration

- ▶ Carry out action steps according to the illustration.

-or-

- ▶ Close the door.

▷ The display returns to the status indicator.

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

Error

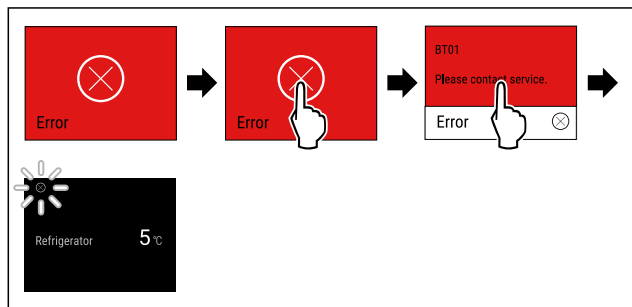


Fig. 56 Example illustration

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

WLAN error

- ▶ Check WLAN connection.
- ▶ Reconnect the appliance to the WLAN. (see WiFi)

7.3.3 Overview of reminders

Behaviour of the appliance during reminders:

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

8 Features

8.1 Drawers

You can remove the drawers for cleaning.

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

Note

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

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

8.1.1 Drawer on appliance base or glass shelf

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

Removing drawer

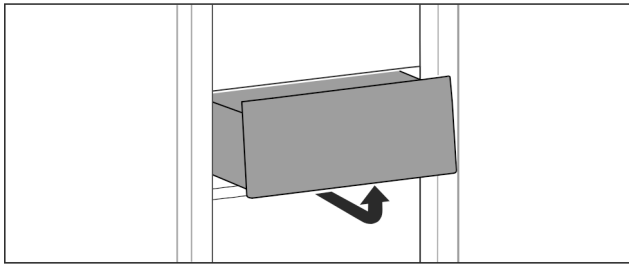


Fig. 57

- ▶ Remove drawer as shown in the illustration.

Inserting drawer

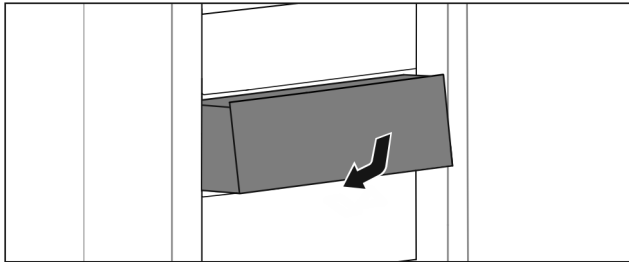


Fig. 58

- ▶ Insert drawer as shown in the illustration.

8.1.2 Drawer on moulded rib

The drawer runs directly on the moulded rib. There are no rails.

Removing drawer

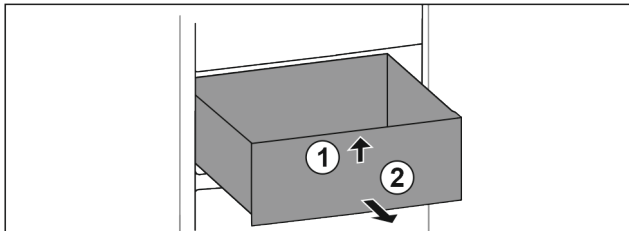


Fig. 59

- ▶ Pull out drawer as far as it will go.
- ▶ Lift up drawer at the front. Fig. 59 (1)
- ▶ Remove drawer to the front. Fig. 59 (2)

Inserting drawer

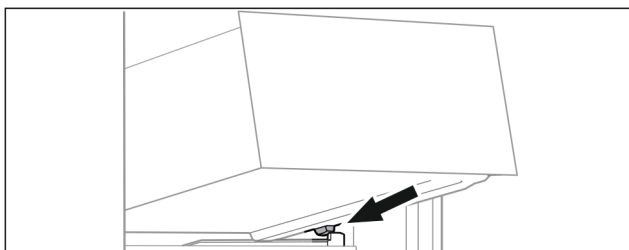


Fig. 60

- ▶ Place drawer at an angle behind the stoppers on the moulded rib. (see Fig. 60)
- ▶ Lower drawer.
- ▶ Slide in drawer to the back.

9 Maintenance

9.1 Disassembling / assembling pull-out systems

9.1.1 Notes on disassembly

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

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

Pull-out system	can be disassembled / cannot be disassembled
Drawer on appliance base or glass shelf	cannot be disassembled
Drawer on moulded rib	can be disassembled (see 9.1.2 Drawer on moulded rib)

9.1.2 Drawer on moulded rib

Disassembling pull-out system

Make sure the following prerequisites are met:

- Drawer has been removed. (see 8.1.2 Drawer on moulded rib)

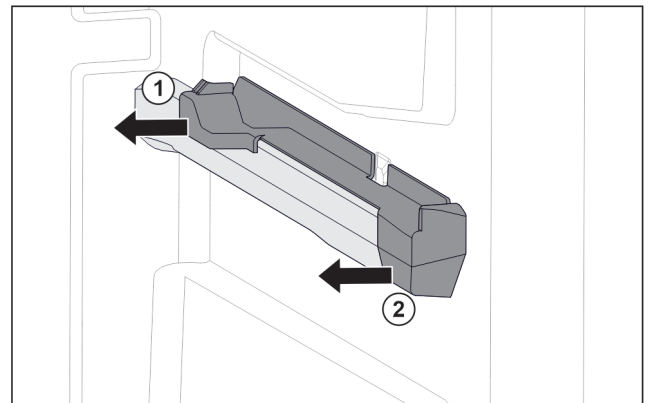


Fig. 61 Attachment on the right moulded rib

- ▶ Grab attachment at the back from below. Fig. 61 (1)
- ▶ Pull off attachment at the back sideways. Fig. 61 (1)
- ▶ Pull off attachment at the front sideways. Fig. 61 (2)

Installing pull-out system

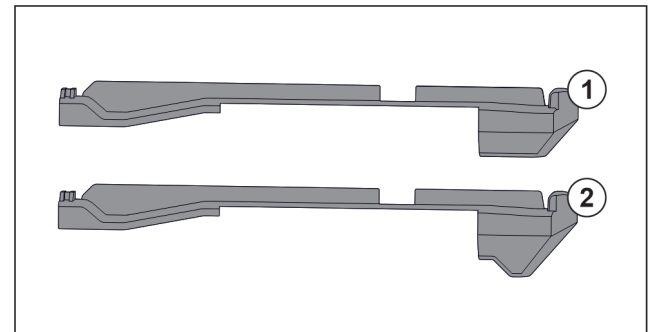


Fig. 62 Comparing attachments

There are two different attachments in the appliance. The attachment above the lowest drawer Fig. 62 (2) has a three-cornered edge. All other attachments Fig. 62 (1) have a straight edge.

- ▶ Fit attachment Fig. 62 (2) with the three-cornered edge above the lowest drawer.

- ▶ Fit attachment Fig. 62 (1) with straight edge in all other positions.

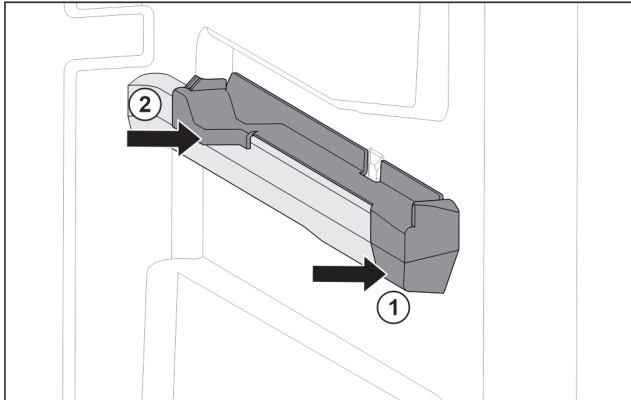


Fig. 63 Attachment on the right moulded rib

- ▶ Position attachment on moulded rib at the front. Fig. 63 (1)
- ▶ Press on attachment at the back. Fig. 63 (2)

9.2 Defrosting the appliance



WARNING

Improper defrosting of the appliance!
Injuries and damage.

- ▶ Do not use mechanical equipment or other methods to speed up the defrosting process other than those recommended by the manufacturer.
- ▶ Do not use electrical heating or steam-cleaning appliances, naked flames or defroster sprays to defrost.
- ▶ Do not use sharp objects to remove ice.

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

Water drops or a thin layer of frost or ice can form on the back wall; this is a completely normal part of the appliance's function. This must not be removed.

- ▶ Clean the drain opening regularly (see 9.3 Cleaning the appliance).

9.3 Cleaning the appliance

9.3.1 Ready



WARNING

Danger of electric shock!

- ▶ Remove the refrigerator connector or interrupt the power supply.



WARNING

Risk of fire

- ▶ Do not damage the refrigeration circuit.

- ▶ Empty the appliance.
- ▶ Remove mains connector.

-or-

- ▶ Activate CleaningMode. (see CleaningMode)

9.3.2 Cleaning the interior

NOTICE

Improper cleaning!

Damage to the appliance.

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

9.3.3 Clean the components

NOTICE

Improper cleaning!

Damage to the appliance.

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

- Drawer

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

9.3.4 After cleaning

- ▶ Wipe the appliance and the components dry.
- ▶ Connect and switch on the appliance. The temperature is cold enough:
- ▶ Place the food inside.
- ▶ Repeat cleaning regularly.

10 Customer help

10.1 Technical specifications

Temperature range			
BioFresh	B1 to B9		
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 moulded rib (see 8.1.2 Drawer on moulded rib)	14 kg	19 kg	19 kg

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

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)
- 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

Noise	Possible cause	Type of noise
Suction noises	Soft-closing door is being opened and closed.	Normal operating noise
Clicking	Components are switched on and off.	Normal switching noise
Rattling humming or	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.

Defect	Cause	Remedy
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)
	→ The temperature is set incorrectly.	▶ Turn down the temperature and check after 24 hours.
	→ The appliance is too close to a heat source (oven, radiator, etc).	▶ Move the appliance or the heat source.
	→ The 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
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.

Shutting down

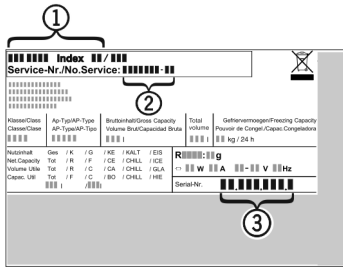


Fig. 64

- (1) Appliance description (3) Serial no.
 (2) Service no.
 ► Note the data on the model plate.

11 Shutting down

- Empty the appliance.
- Switch off appliance. (see Switching the appliance off and on)
- Remove mains connector.
- Remove appliance connector if required: Remove and move from left to right at the same time.
- Clean appliance. (see 9.3 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 m², retailers will also take back the old appliance free of charge.



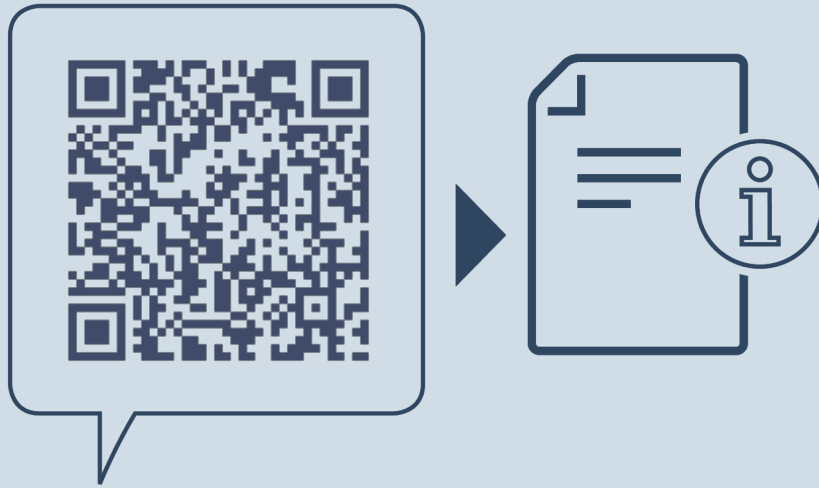
WARNING

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.



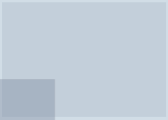
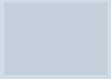
home.liebherr.com/fridge-manuals

EN integrated full-height BioFresh fridge

Issue date: 20240502

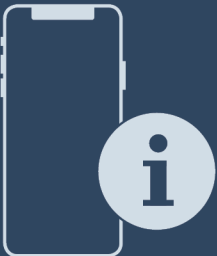
Part number index: 7088563-00

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

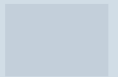


User Guide

Quality, Design and Innovation


















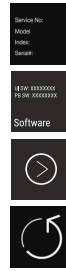
home.liebherr.com/fridge-manuals



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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.

Symbol	Explanation
	<p>Additional information on the Internet</p> <p>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.</p> <p>The service number can be found on the serial tag:</p> <p style="text-align: center;"><i>Fig. Example illustration</i></p>
	<p>Check appliance</p> <p>Check all parts for transport damage. If you have any complaints, please contact your agent or customer service.</p>
	<p>Differences</p> <p>These instructions apply to a range of models, so differences are possible. Sections that apply to certain models only are marked with an asterisk (*).</p>
	<p>Instructions and results</p> <p>Instructions are marked with a ►.</p> <p>Results are marked with a ▷.</p>
	<p>Videos</p> <p>Videos about the appliances are available on the YouTube channels of Liebherr-Hausgeräte.</p>

These operating instructions apply to:

IR..i 39..

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 appliances and equipment

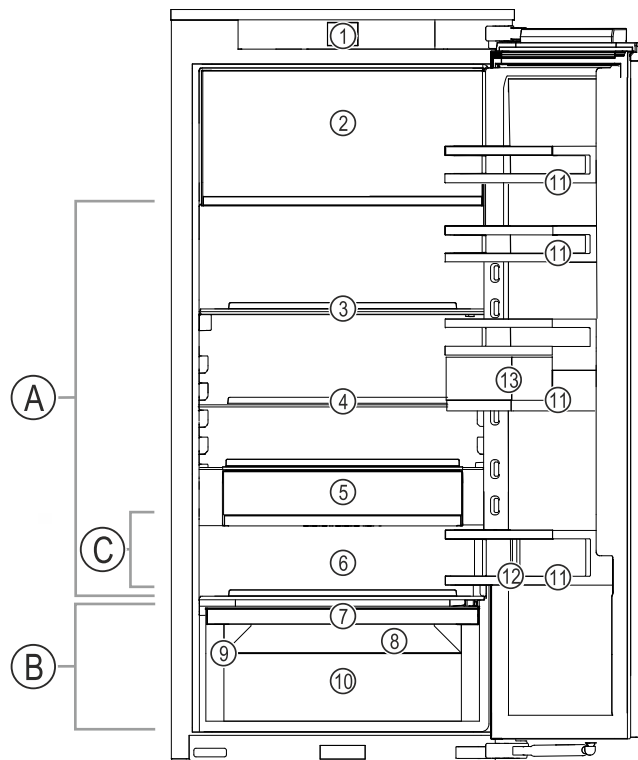


Fig. 1 Example illustration

Temperature range

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

Equipment

- | | |
|---------------------------------|---------------------|
| (1) Controls | (8) Drain hole |
| (2) 4-star freezer compartment* | (9) Type plate |
| (3) Divisible storage shelf | (10) EasyFresh safe |
| (4) Storage shelf | (11) Door shelf |
| (5) VarioSafe* | (12) Bottle holder |
| (6) Space for baking tray* | (13) VarioBoxes |
| (7) Lid for EasyFresh safe | |

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 refrigerator. 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.

General safety instructions



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.

The appliance is not suitable for freezing food;*

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

For the GB market: 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 it is installed.

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:

Functionality of the Touch & Swipe display

	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.

Symbol	Description
	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

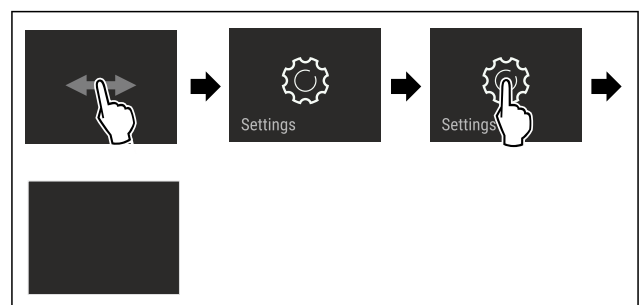


Fig. 2 Example illustration

- ▶ 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

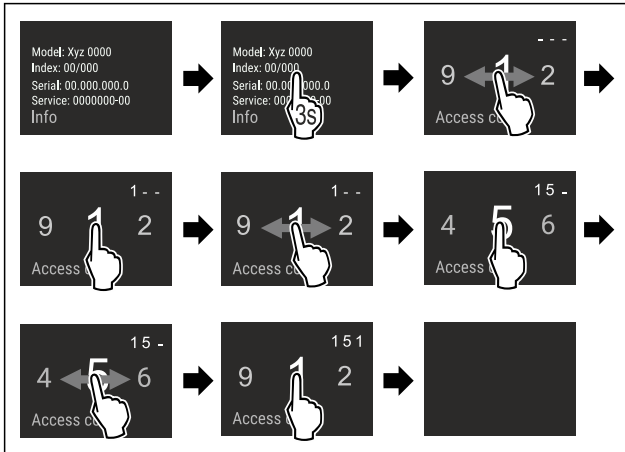


Fig. 4 Example illustration, access with numerical code 151

- ▶ 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.

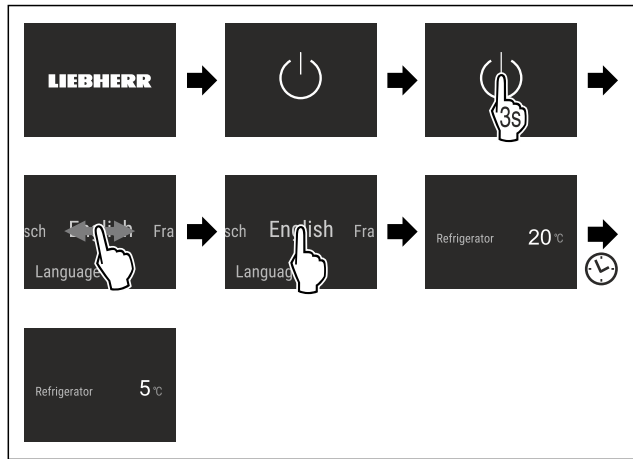


Fig. 5 Example illustration

- ▷ 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 SmartDevice for the first time. (see 1.3 Smart-Device) 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.

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 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.

Saving energy

- 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, 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 8.9 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 8.9 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.

The air temperature in the freezer compartment, measured with a thermometer or other measuring device, may fluctuate. Temperature fluctuations are greater in a half-full or empty freezer and it is possible to attain temperatures warmer than -18 °C.

5.4.1 Freezing food

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

Arranging your food properly



CAUTION

Risk of injury due to broken glass!

Bottles and cans containing drinks may burst when being frozen. This applies particularly to sparkling drinks.

- ▶ Do not freeze bottles and cans containing drinks!

- ▶ For maximum freezing performance: Remove glass plate before freezing.*

- ▶ Place packaged food in the freezer compartment in such a way that it is in contact with the bottom or sides.

Defrosting food



WARNING

Risk of food poisoning!

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

You can defrost food in several ways:

- In the fridge compartment
- In the microwave
- In the oven/fan-assisted oven
- At room temperature
- ▶ Take out only as much food as necessary.

5.5 Storage times

Refer to the specified storage times as a guide.

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

5.5.1 Fridge section

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

5.5.2 Freezer compartment*

Recommended shelf-lives for various types of food		
Ice cream	at -18 °C	2 to 6 months
Cold cuts, 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.*
- If there is a thick layer of frost in the appliance: defrost the appliance.*
- For longer periods of absence, use HolidayMode (see HolidayMode).

7 Controls

7.1 Controls and displays

7.1.1 Status display

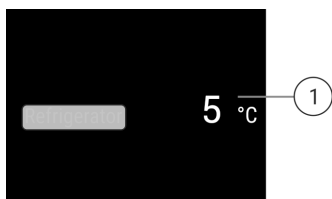


Fig. 6 The status display shows the actual temperature.

- (1) Temperature display of the fridge section

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. (see 3 Functionality of the Touch & Swipe display)
- You have familiarised yourself with the operating and display elements of your appliance.



Switching the appliance off and on

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

Switching off the appliance

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

Make sure that the following requirements are fulfilled:

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



Fig. 7

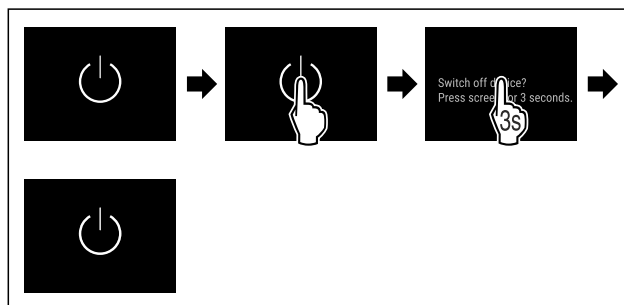


Fig. 8

- ▶ 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.

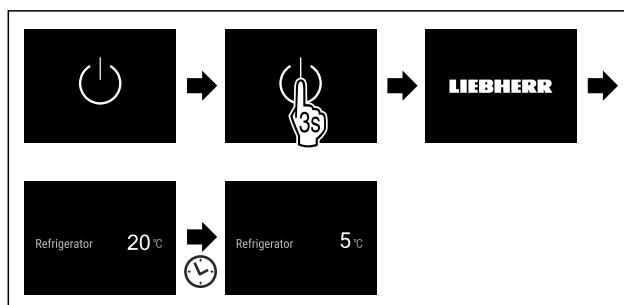


Fig. 9 Example illustration

- ▶ 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.



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.

Controls

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. 10

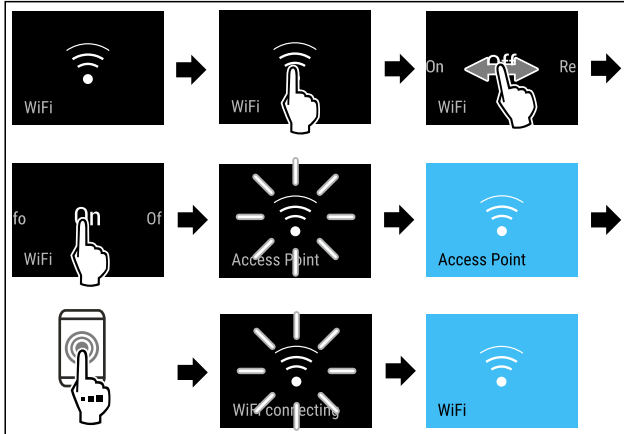


Fig. 11

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

Disconnecting from the WiFi

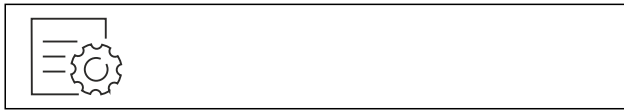


Fig. 12

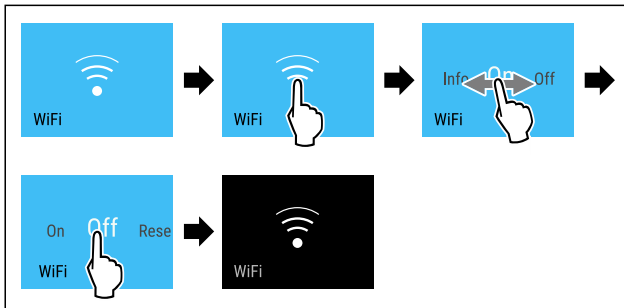


Fig. 13

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

Resetting the WiFi connection



Fig. 14

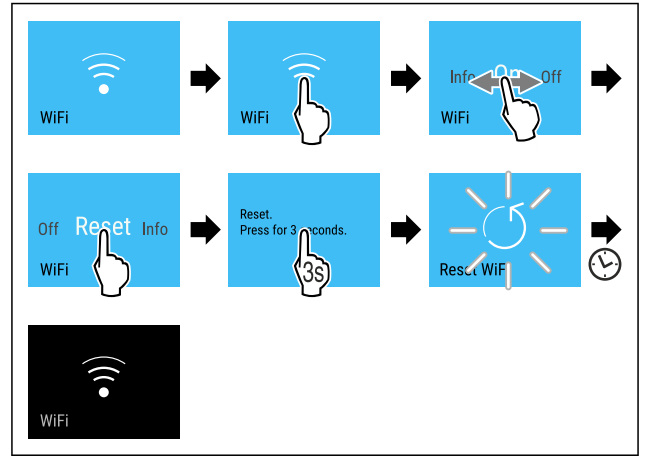


Fig. 15

- ▶ 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. 16

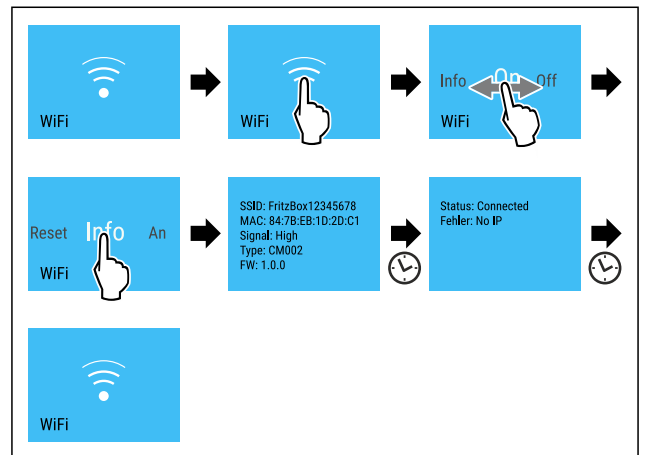


Fig. 17

- ▶ Carry out action steps according to the illustration.

5 °C Temperature

Use this function to set the temperature.

The temperature depends on the following factors:

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

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

Controls

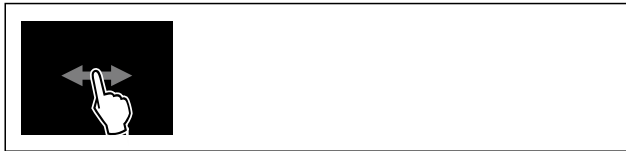


Fig. 25

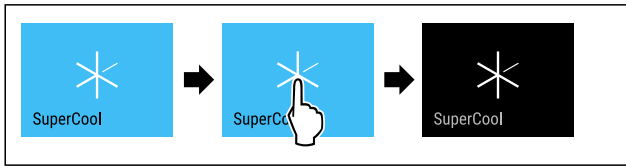


Fig. 26

► 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.



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

You can adjust all listed functions individually and flexibly. When you deactivate PartyMode, all changes are discarded. If the function is active, the device operates at higher power. As a result, the device's operating noise may be temporarily louder and energy consumption will increase.

Activating PartyMode



Fig. 27



Fig. 28

► 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:

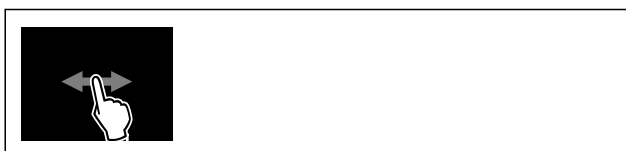


Fig. 29

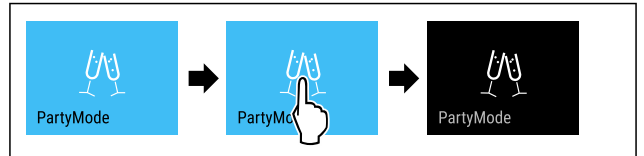


Fig. 30

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



HolidayMode

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

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

Activating HolidayMode

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



Fig. 31

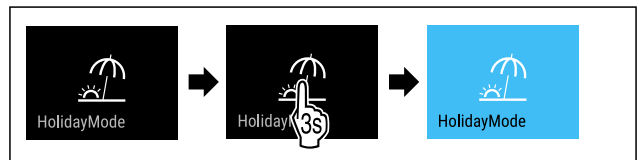


Fig. 32

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

Deactivating HolidayMode



Fig. 33

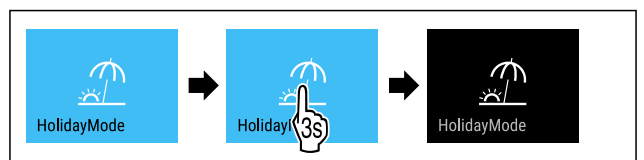


Fig. 34

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

SabbathMode

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

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

Device status

Note

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

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

Activating SabbathMode



WARNING

Danger of food poisoning from spoiled food!

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

After a power failure:

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



Fig. 35



Fig. 36

- ▶ 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:

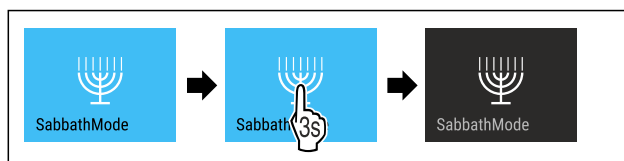


Fig. 37

- ▶ 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 Setting the temperature)	Temperature with active EnergySaver
5 °C Fridge section	4 °C	7 °C

Temperatures

Activating EnergySaver



Fig. 38

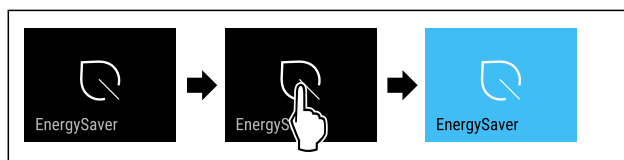


Fig. 39

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

Deactivating EnergySaver

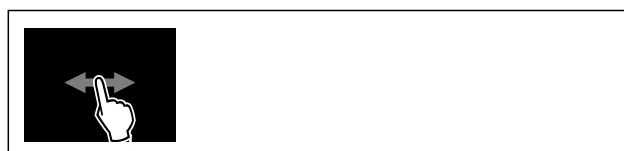


Fig. 40

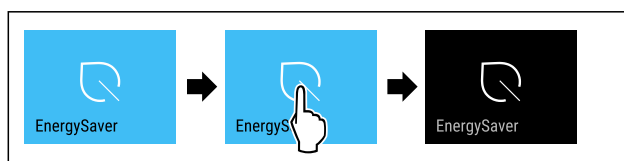


Fig. 41

- ▶ Carry out action steps according to the illustration.

Controls

▷ Energy saving mode is deactivated.



CleaningMode

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

This setting applies to the fridge section.

Application:

- Clean the fridge section. (see 9.4 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. 42

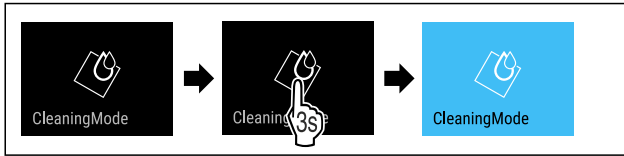


Fig. 43

- ▶ 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. 44

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



Display brightness

Use this function to set the display brightness in stages.

You can select the following brightness levels:

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

Setting the brightness



Fig. 45

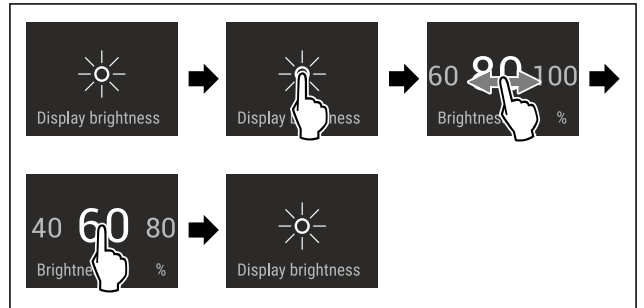


Fig. 46 Example illustration: Switch from 80 % to 60 %.

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

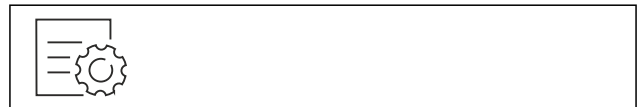


Fig. 47

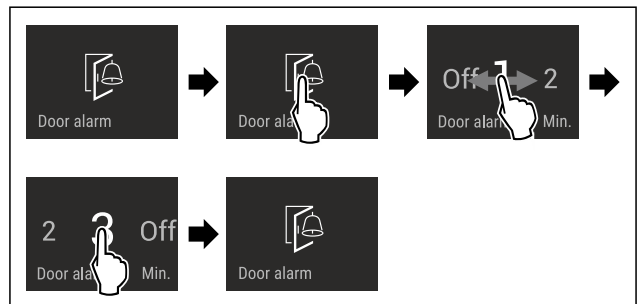


Fig. 48 Example illustration: Change door alarm from 1 minute to 3 minutes.

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

Deactivating the door alarm

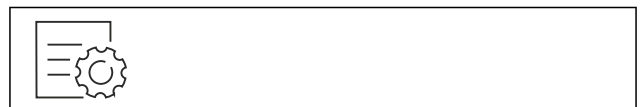


Fig. 50

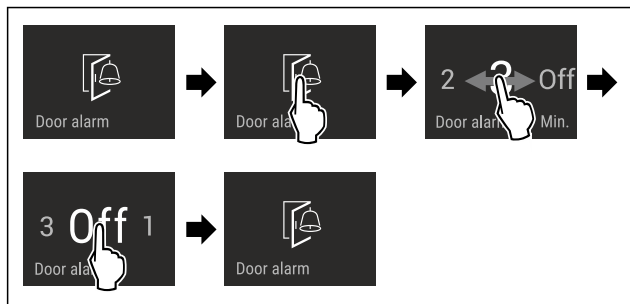


Fig. 51

- ▶ 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. 52

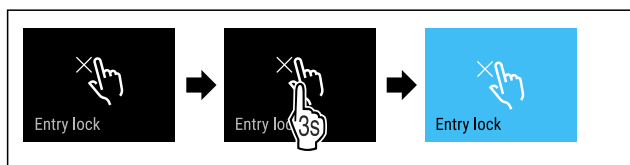


Fig. 53

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

Deactivating the input lock

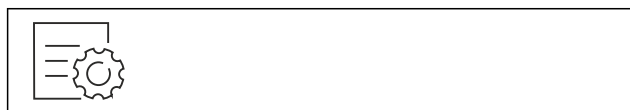


Fig. 54

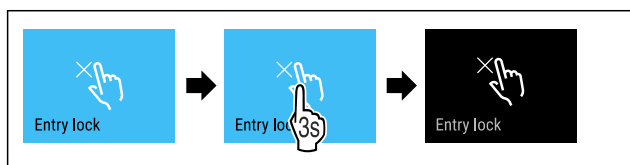


Fig. 55

- ▶ 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
- Bulgarian
- Русский
- 温度单位

Setting the language

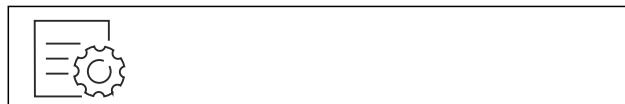


Fig. 56

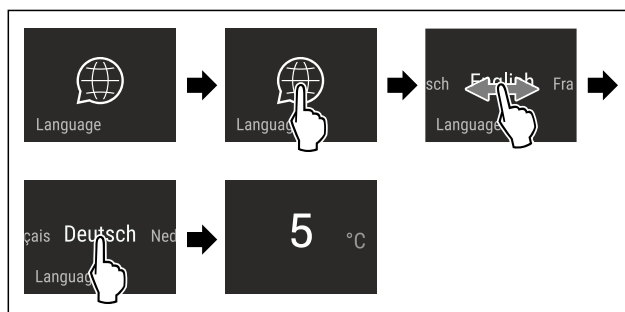


Fig. 57 Example illustration depending on the language and temperature

- ▶ 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. 58



Fig. 59

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

Controls



Software

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

Indicating the software version



Fig. 60



Fig. 61

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



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

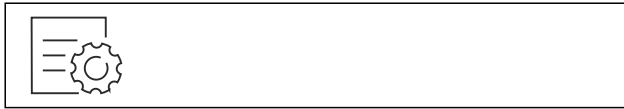


Fig. 62

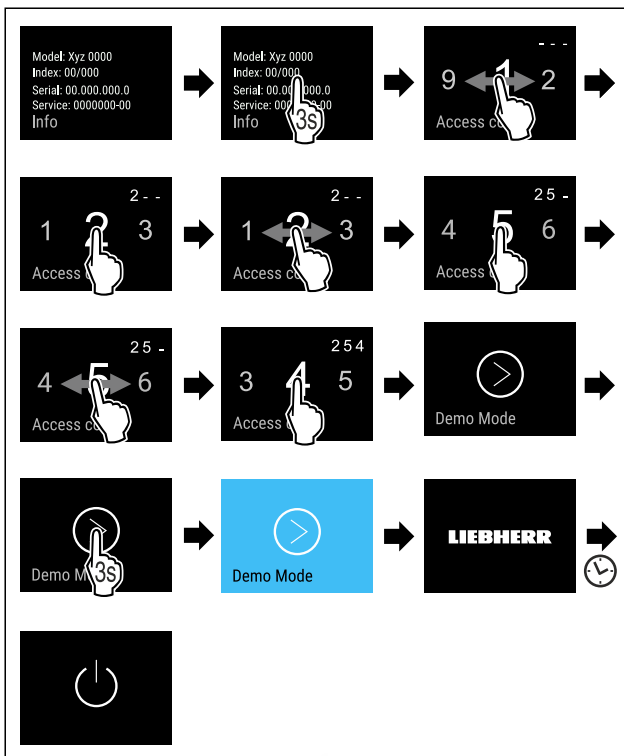


Fig. 63

- ▶ 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. 64

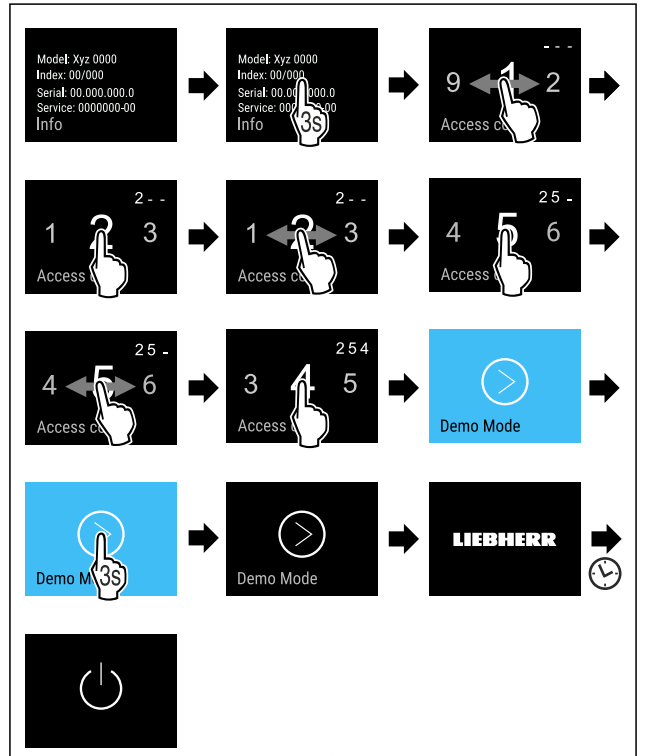


Fig. 65

- ▶ 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

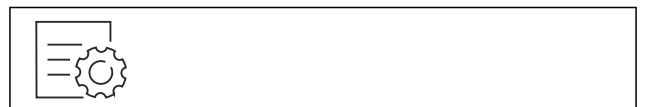


Fig. 66

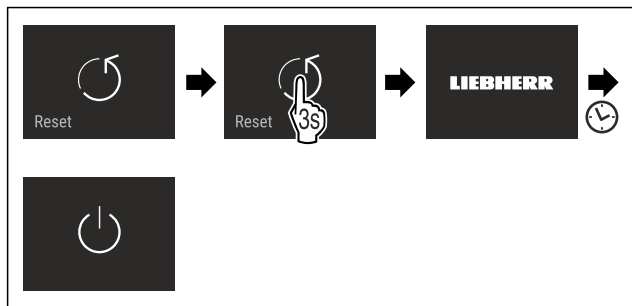


Fig. 67

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

7.3 Messages

There are two categories of messages:

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

7.3.1 Overview of warnings

Behaviour of the appliance in the event of warnings:

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

Message	Cause	Exit the message
 Door alarm	The message appears if the door is open for too long.	Carry out action steps (see Door alarm) .
 Error	The message appears if there is an appliance error. A component of the appliance has a fault.	Carry out action steps (see Error) .
 WLAN error	The message appears if the appliance could not be connected to the WLAN. (see Establishing the WiFi connection for the first time)	Carry out action steps (see WLAN error) .

7.3.2 Ending warnings

Door alarm

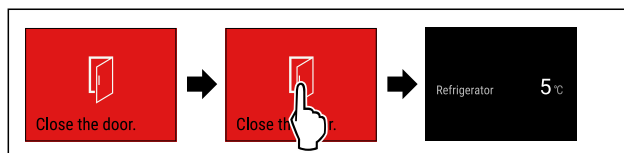


Fig. 68 Example illustration

- ▶ Carry out action steps according to the illustration.

-or-

- ▶ Close the door.

▷ The display returns to the status indicator.

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

Error

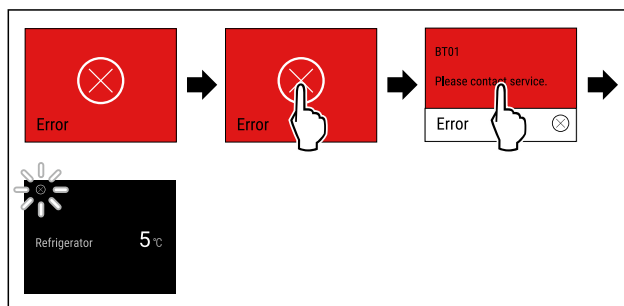


Fig. 69 Example illustration

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

WLAN error

- ▶ Check WLAN connection.
- ▶ Reconnect the appliance to the WLAN. (see WiFi)

7.3.3 Overview of reminders

Behaviour of the appliance during reminders:

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

Features

8 Features

8.1 4-star freezer compartment*

8.1.1 Opening/closing the freezer compartment

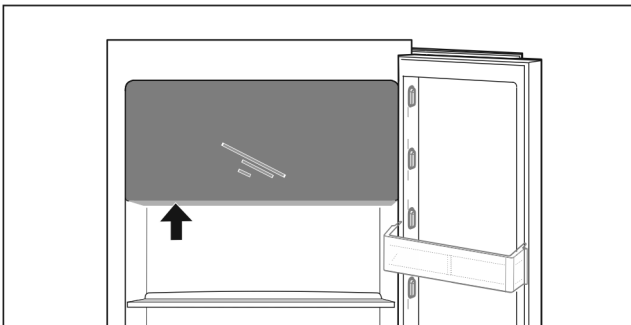
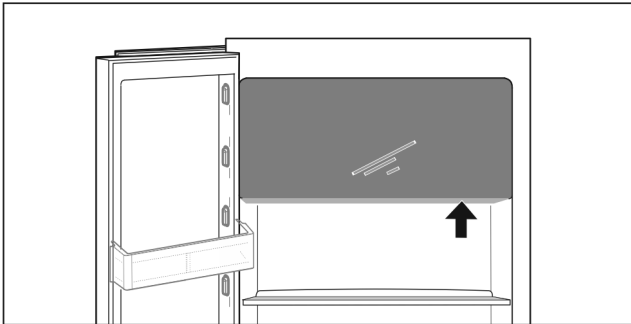


Fig. 70

Opening the freezer compartment:

- ▶ Reach into the handle area from below.
- ▶ Push the handle plate while pulling the door towards you.

Closing the freezer compartment:

- ▶ Close the door while pushing from the front.
- ▷ Door is engaged.

8.2 Door rack

8.2.1 Move/remove the door rack

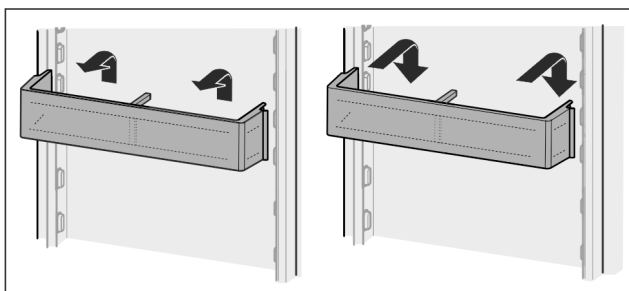


Fig. 71

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

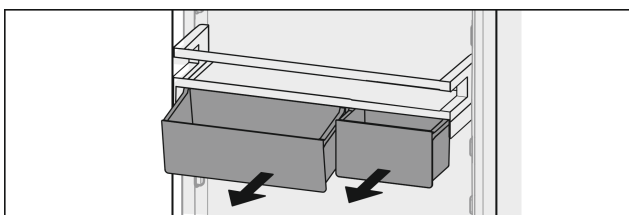


Fig. 72

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

Move the VarioBox shelf:

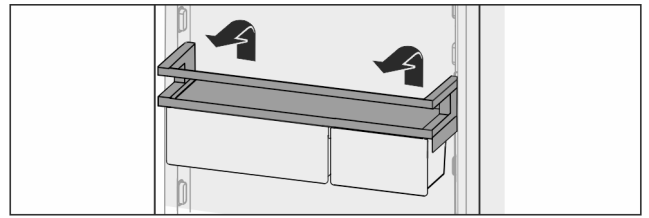


Fig. 73

- ▶ Pull it up and out.
- ▶ Put it back in at any position.
- ▷ In front of 4-star freezer: Optimum air flow in the appliance is no longer guaranteed. Condensate may form on the freezer compartment.*

Note

Liebherr recommends the following:*

- ▶ Put the VarioBox shelf in its default position, anywhere below the 4-star freezer. This will provide the best air flow in the fridge section.*

Moving the VarioBoxes:

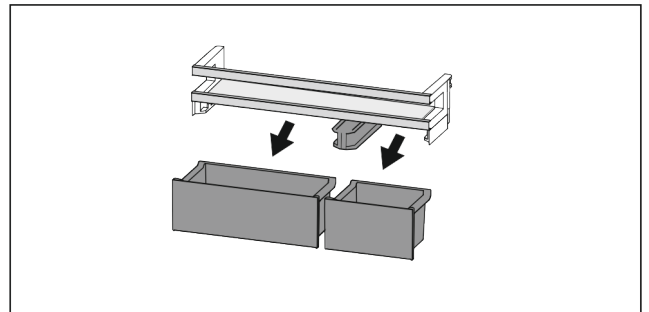


Fig. 74

If the door rack is removed:

- ▶ Remove containers.

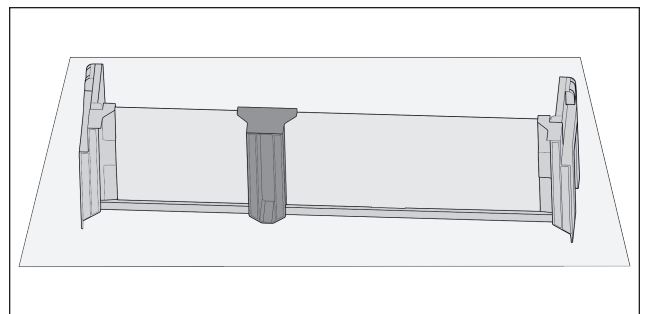


Fig. 75

- ▶ Place the shelf on the table.

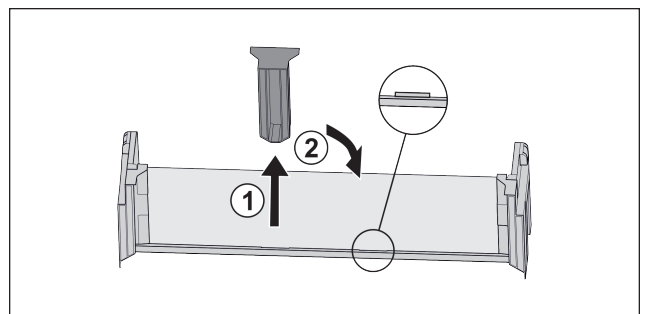


Fig. 76

- ▶ Pull off the middle holder Fig. 76 (1).
- ▶ Insert the middle holder in the second position Fig. 76 (2).

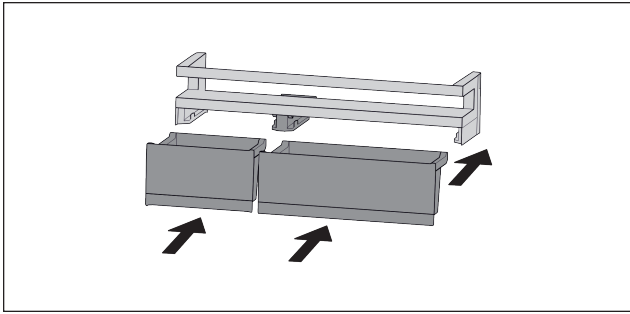


Fig. 77

- Replace containers.

8.2.2 Disassembling the door rack

The door rack can be taken apart for cleaning.

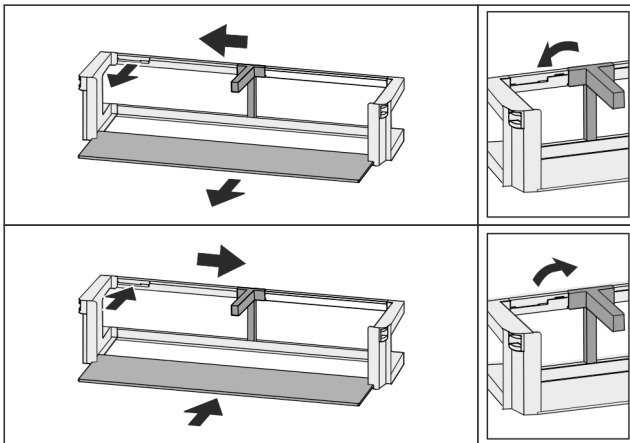


Fig. 78

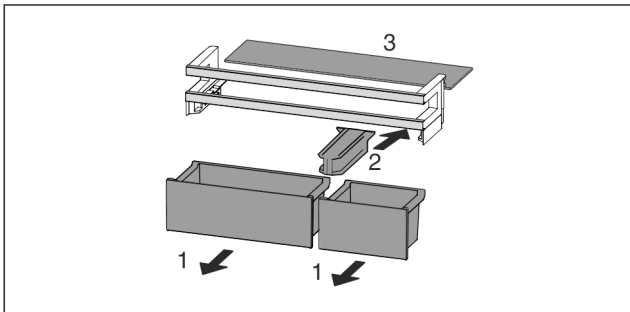


Fig. 79

- Disassemble the door rack.

8.3 Shelves

8.3.1 Adjusting/removing the shelves

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

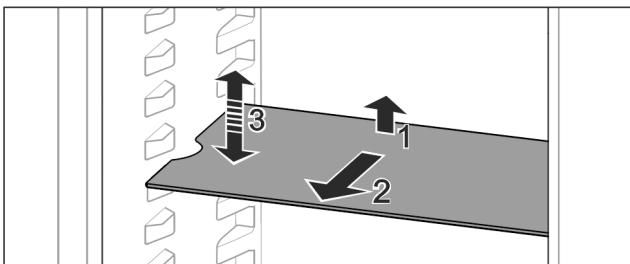


Fig. 80

- 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-

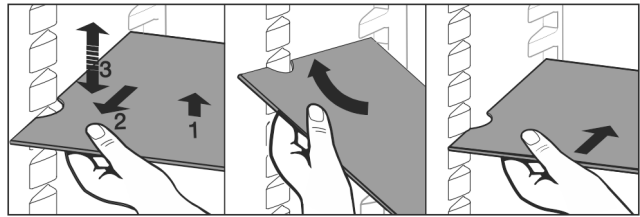


Fig. 81

- 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.

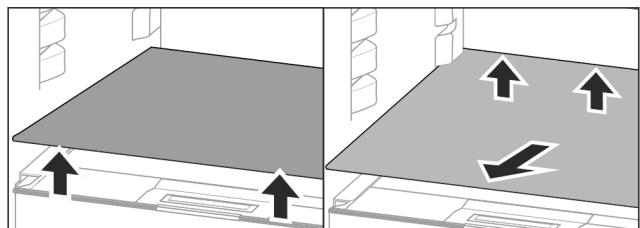


Fig. 82

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.

8.3.2 Dismantling the shelves

The shelves can be dismantled for cleaning.

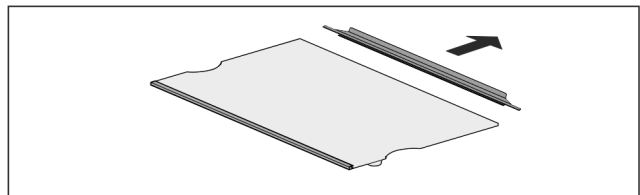


Fig. 83

- Dismantling the shelf.

8.4 Dividing shelf

8.4.1 Using the dividing shelf

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

Features

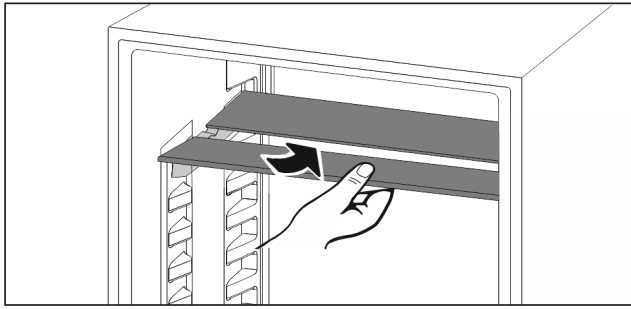


Fig. 84

- ▶ Push the dividing shelf underneath as shown.

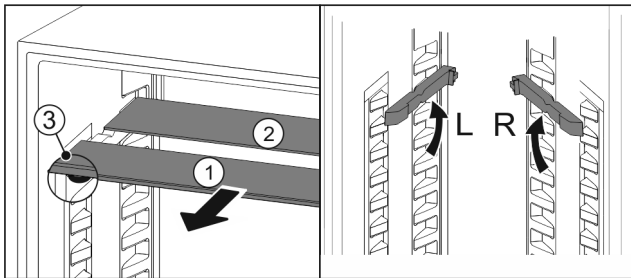


Fig. 85

Adjusting the height:

- ▶ Pull the glass panels out Fig. 85 (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. 85 (1) and trim strip are at the front.
- ▷ The stops Fig. 85 (3) point down.
- Appliances with freezer compartment:*
- ▶ Do not place the support rails and dividing shelf in front of the fan.*

8.5 VarioSafe *

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

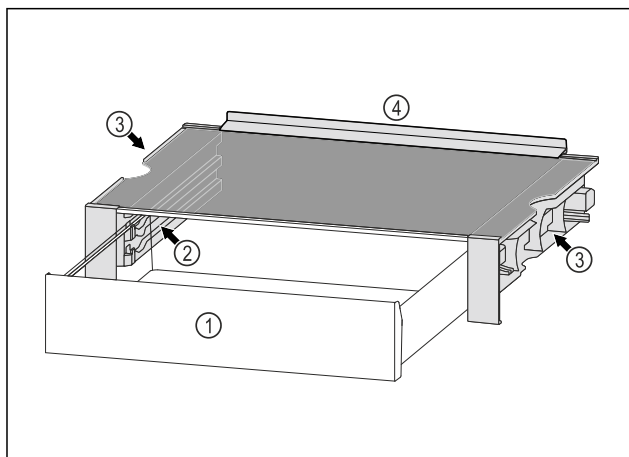


Fig. 86

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

8.5.1 Inserting the VarioSafe

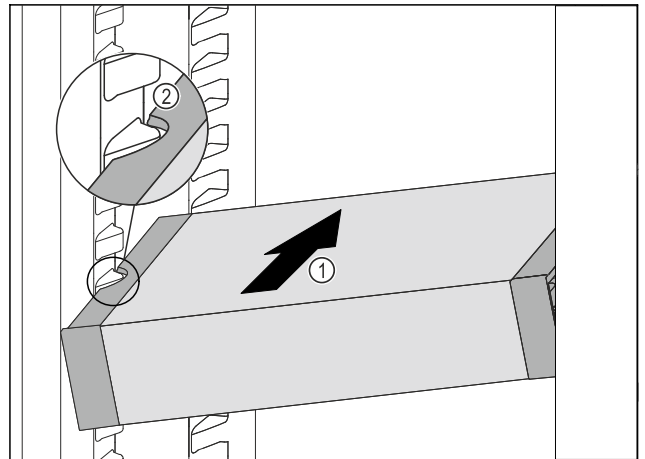


Fig. 87

- ▶ Insert the VarioSafe into the fridge section at an angle Fig. 87 (1) until the recesses in the side Fig. 87 (2) of the VarioSafe are at the level of the support rib in the fridge section.

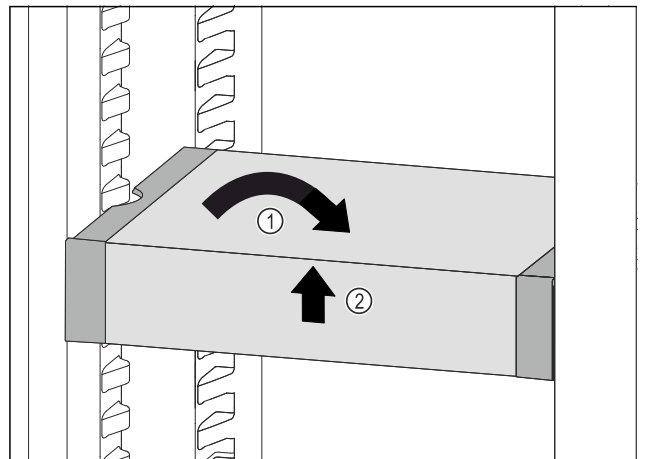


Fig. 88

- ▶ Set VarioSafe straight. Fig. 88 (1)
- ▶ Lift VarioSafe at the front. Fig. 88 (2)

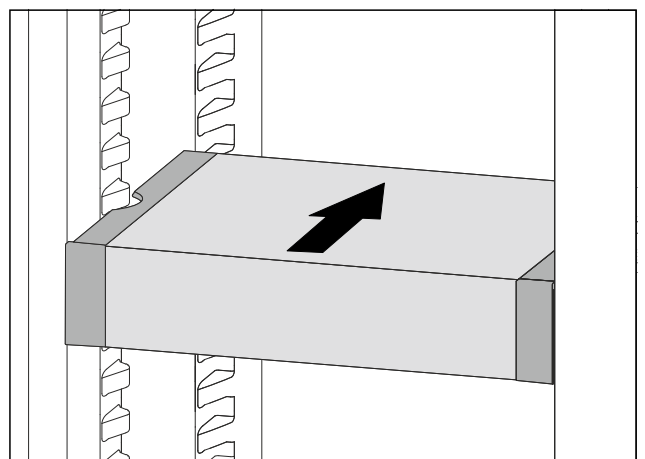


Fig. 89

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

8.5.2 Repositioning the VarioSafe

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

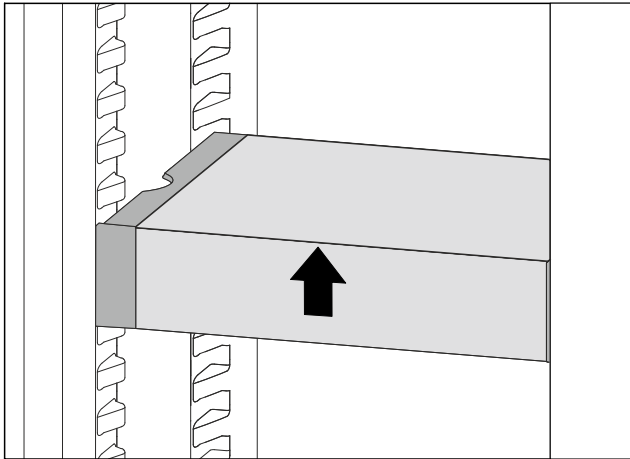


Fig. 90

- ▶ Lift VarioSafe at the front.

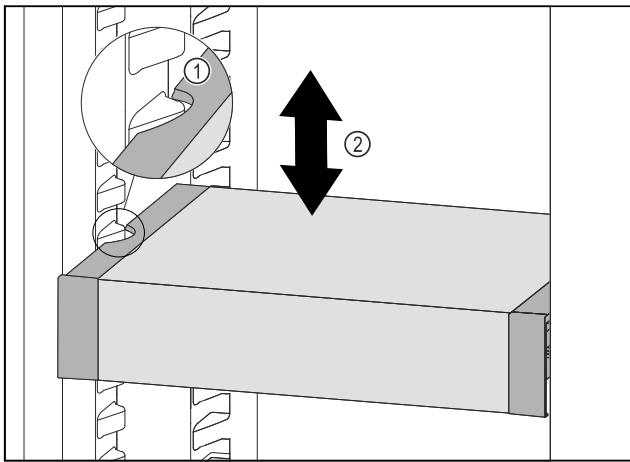


Fig. 91

- ▶ 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. 91 (1)
- ▶ Move VarioSafe up or down in the refrigerator compartment until the desired height is reached. Fig. 91 (2)

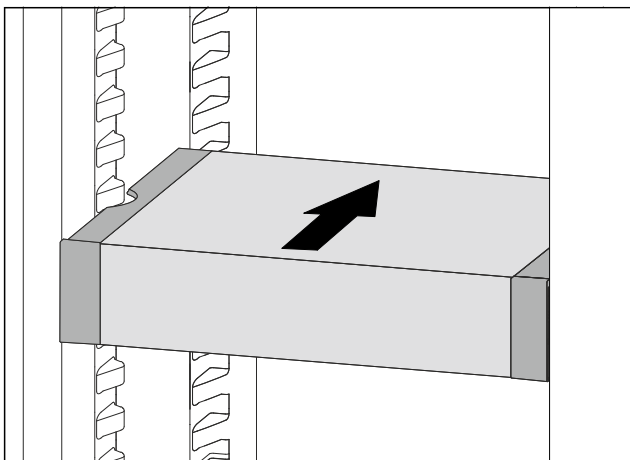


Fig. 92

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

8.5.3 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.

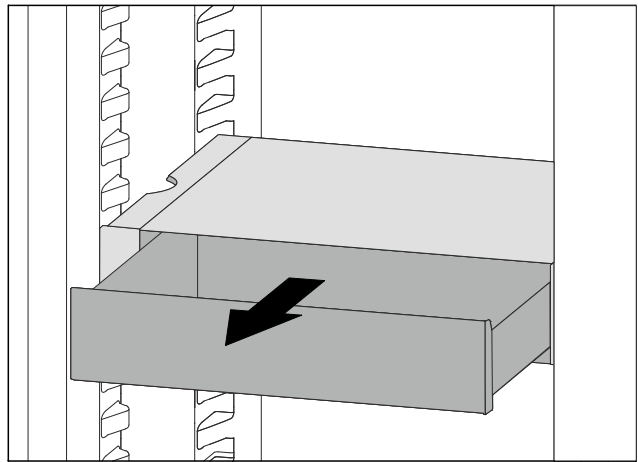


Fig. 93

- ▶ 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.

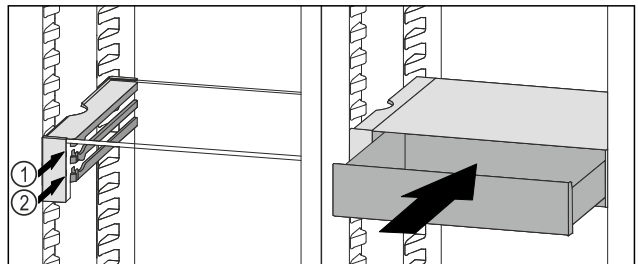


Fig. 94

- ▶ Lift the VarioSafe drawer up at the front.
- ▶ Place the VarioSafe drawer behind the stoppers on desired rib Fig. 94 (1) or Fig. 94 (2).
- ▷ VarioSafe drawer is offset in height.

8.5.4 Removing the VarioSafe

You can remove the VarioSafe as a whole.

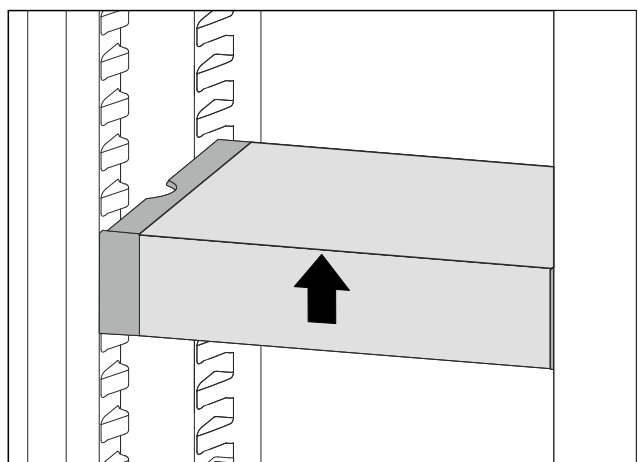


Fig. 95

- ▶ Lift VarioSafe at the front.

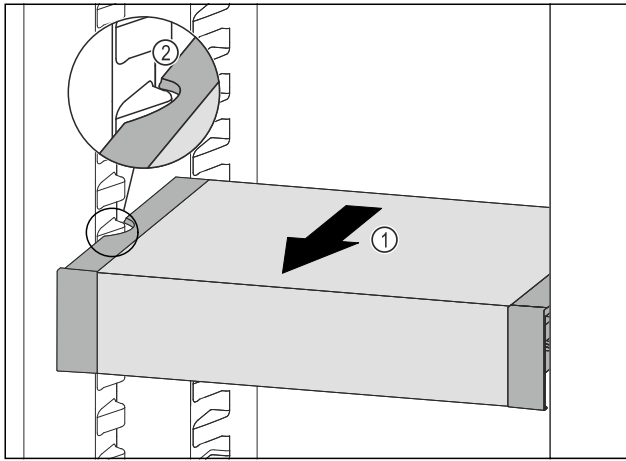


Fig. 96

- ▶ Pull VarioSafe forwards Fig. 96 (1) until the recesses in the side of the VarioSafe are at the level of the support rib in the fridge section. Fig. 96 (2)

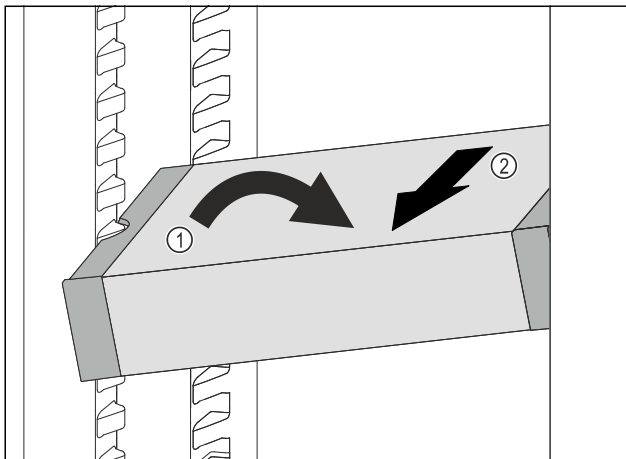


Fig. 97

- ▶ Set VarioSafe in refrigerator compartment at an angle. Fig. 97 (1)
- ▶ Take VarioSafe out to the front. Fig. 97 (2)
- ▷ VarioSafe is removed.

8.5.5 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.

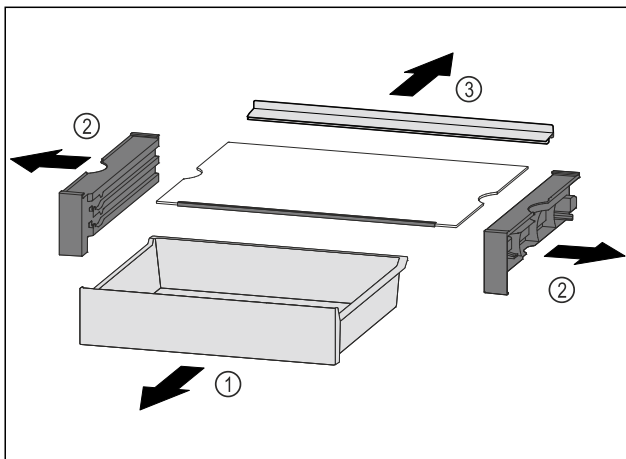


Fig. 98

- ▶ Remove VarioSafe as a whole. (see 8.5.4 Removing the VarioSafe)
- ▶ Disassemble VarioSafe according to the illustration.

8.6 Space for baking tray*

There is space for a baking tray Fig. 1 (6) above the drawers.

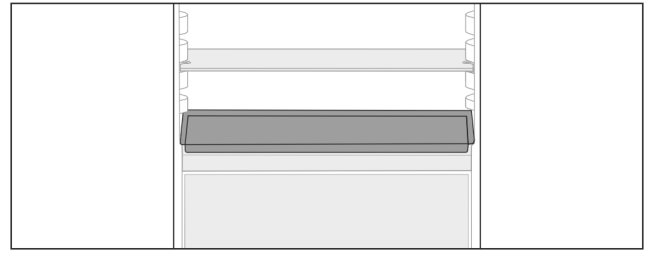


Fig. 99

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.

8.7 Drawers

You can remove the drawers for cleaning.

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

Note

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

- ▶ Always leave the fan air vents clear on the back 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.

Removing drawer

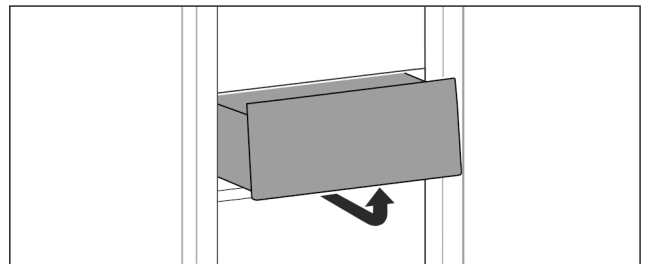


Fig. 100

- ▶ Remove drawer as shown in the illustration.

Inserting drawer

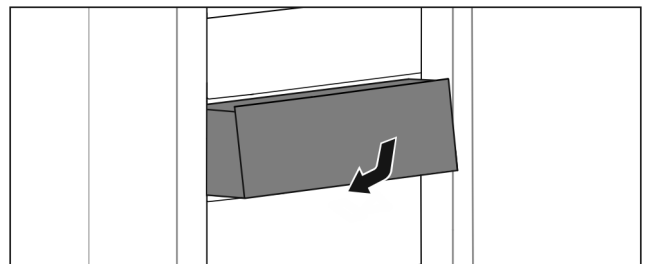


Fig. 101

- ▶ Insert drawer as shown in the illustration.

8.7.2 Drawer on rails

Removing drawer

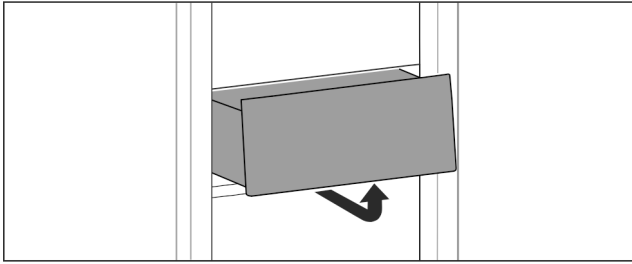


Fig. 102

- ▶ Remove drawer as shown in the illustration.

Inserting drawer

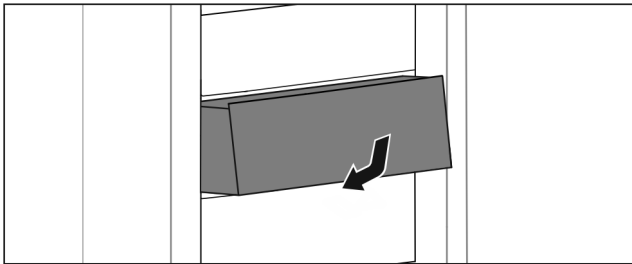


Fig. 103

- ▶ Insert drawer as shown in the illustration.

8.7.3 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.

Partial pull-out fridge compartment

Removing drawer

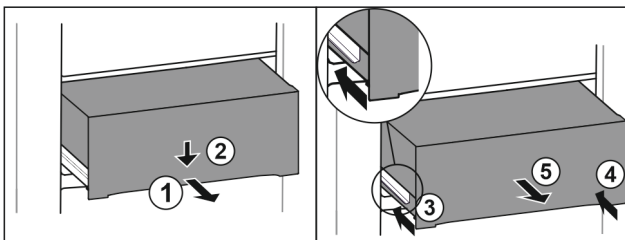


Fig. 104

- ▶ Pull out drawer half-way. Fig. 104 (1)
- ▶ Push the drawer down at the front. Fig. 104 (2)
- ▶ Push the left rail in by about 2 cm. Fig. 104 (3)
- ▶ Push the right rail in by about 2 cm. Fig. 104 (4)
- ▶ Remove drawer to the front. Fig. 104 (5)

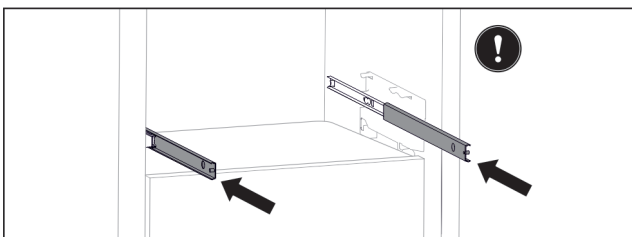


Fig. 105

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

- ▶ Push rails in completely.

Inserting drawer

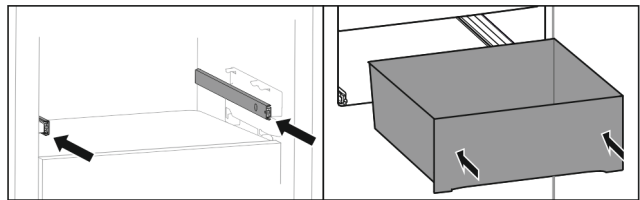


Fig. 106

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

8.8 EasyFresh-Safe cover

You can remove the compartment cover for cleaning.

8.8.1 Removing the compartment cover

Ensure that the following conditions are met:

- The shelf directly above the drawer is removed (see 8.3 Shelves) *

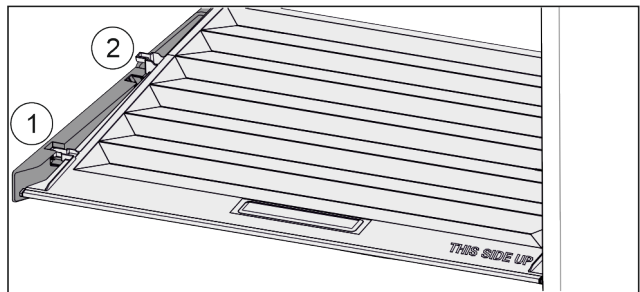


Fig. 107

When the drawers are removed:

- ▶ Pull the lid up at the front to the opening in the retaining parts Fig. 107 (1).
- ▶ Lift from the back and pull it up and out Fig. 107 (2).

8.8.2 Inserting the compartment cover

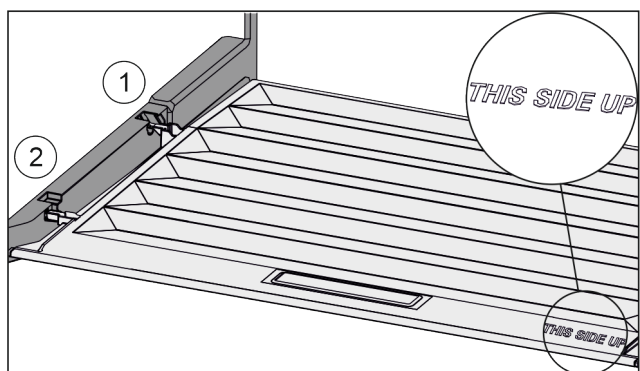


Fig. 108

If the text THIS SIDE UP points upwards:

- ▶ Insert the lip of the cover over the opening of the rear bracket Fig. 108 (1) and click into place Fig. 108 (2).
- ▶ Position the cover where you want it (see 8.9 Adjusting the moisture levels).

8.9 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.

Features

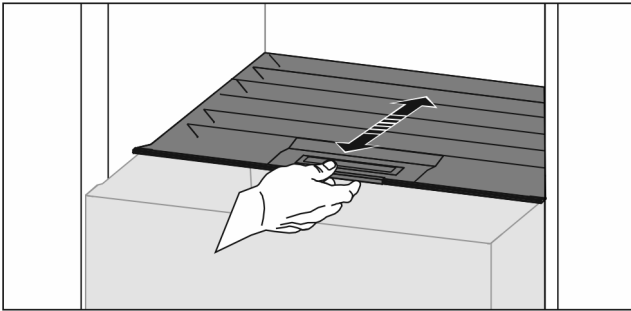


Fig. 109

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.

8.10 Butter dish

8.10.1 Opening/closing the butter dish

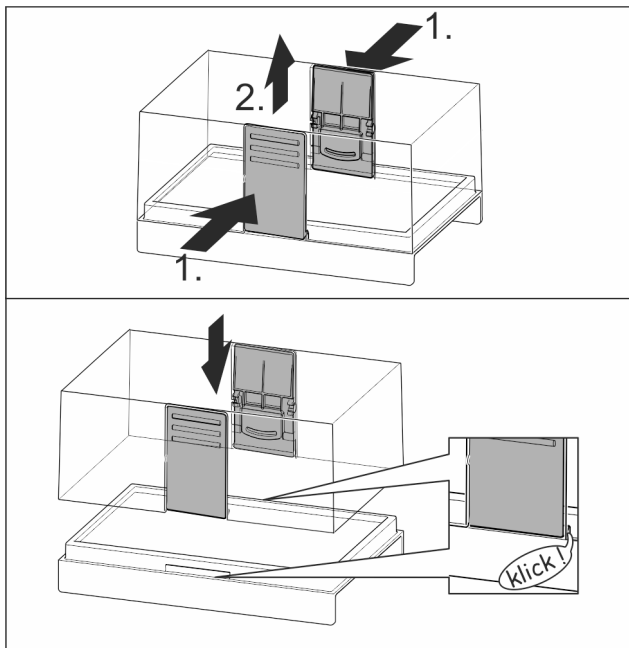


Fig. 110

8.10.2 Dismantling the butter dish

You can take the butter dish apart for cleaning.

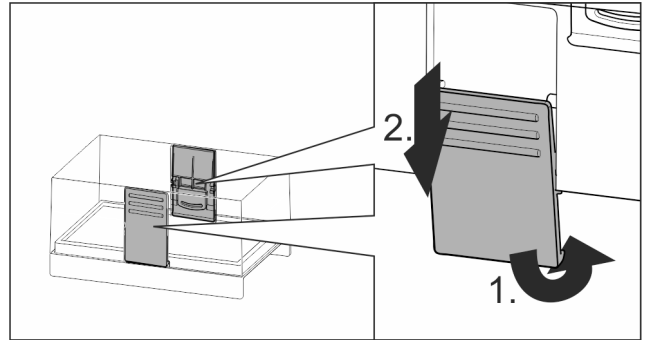


Fig. 111

- ▶ Disassembling the butter dish.

8.11 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.

8.11.1 Using the egg rack

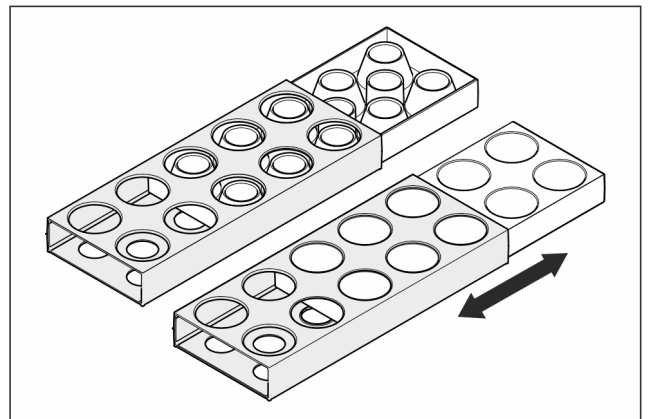


Fig. 112

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

8.12 Bottle holder

8.12.1 Using the bottle holder

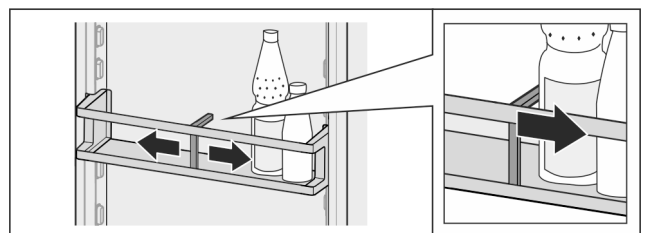


Fig. 113

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

8.12.2 Removing the bottle holder

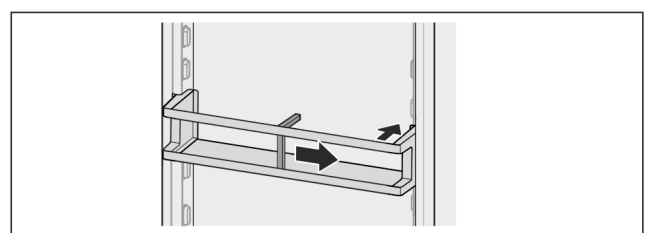


Fig. 114

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

8.13 Ice cube tray with cover*

8.13.1 Using the ice cube tray

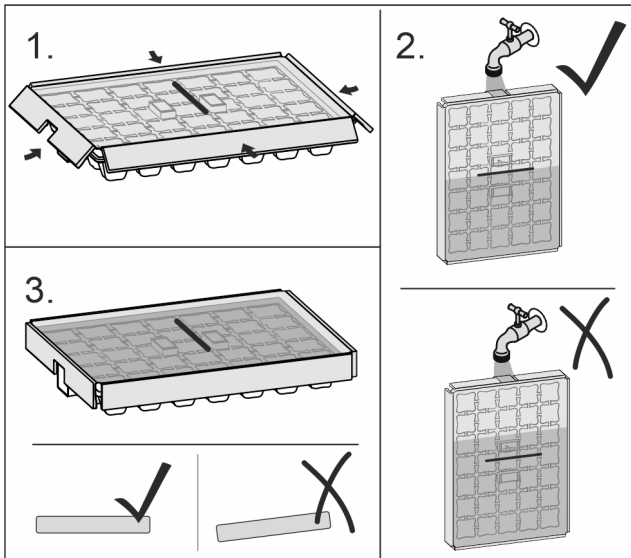


Fig. 115

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.

8.13.2 Dismantling the ice cube tray

You can take the ice cube tray apart for cleaning.

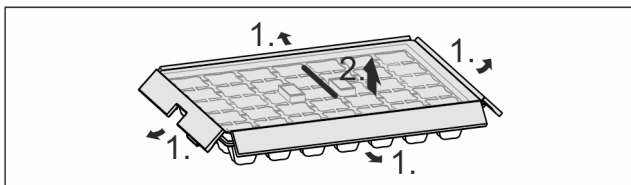


Fig. 116

- ▶ Dismantling the ice cube tray.

9 Maintenance

9.1 Disassembling / assembling pull-out systems

9.1.1 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

Pull-out system	can be disassembled / cannot be disassembled
Drawer on rails	cannot be disassembled
Partial pull-out fridge compartment	cannot be disassembled

9.2 Defrosting the appliance



WARNING

Improper defrosting of the appliance!
Injuries and damage.

- ▶ Do not use mechanical equipment or other methods to speed up the defrosting process other than those recommended by the manufacturer.
- ▶ Do not use electrical heating or steam-cleaning appliances, naked flames or defroster sprays to defrost.
- ▶ Do not use sharp objects to remove ice.

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

Water drops or a thin layer of frost or ice can form on the back wall; this is a completely normal part of the appliance's function. This must not be removed.

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

- ▶ Clean the drain opening at regular intervals. (see 9.4 Cleaning the appliance)

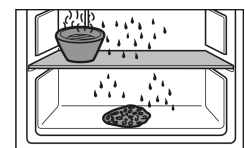
9.3 Defrosting the freezer compartment manually*

A layer of frost or ice forms after prolonged use.

The following factors promote the formation of frost or ice:

- The appliance is opened frequently.
- Hot food is put in.

- ▶ Switch the appliance off.
- ▶ Pull the mains plug out of the socket or switch the fuse off.
- ▶ Wrap the frozen food in newspaper or blankets and store in a cool place.



- ▶ Place a pan of hot water (not boiling) on the middle shelf.
 - ▷ This speeds up the defrosting process.
- ▶ Leave the compartment and appliance door open during defrosting.
- ▶ Remove loosened pieces of ice.
- ▶ Soak up the melted ice water with a sponge or cloth several times as necessary.
- ▶ Clean the appliance. (see 9.4 Cleaning the appliance)

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 use 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 Clean the components

NOTICE

Improper cleaning!

Damage to the appliance.

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

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*

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

9.4.4 After cleaning

- ▶ Wipe the appliance and the components dry.
- ▶ Connect and switch on the appliance.
The temperature is cold enough:
- ▶ Place the food inside.
- ▶ Repeat cleaning regularly.

10 Customer help

10.1 Technical specifications

Temperature range	
Cooling	2 °C to 9 °C

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

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

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

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

Noise	Possible cause	Type of noise
Suction noises	Soft-closing door is being opened and closed.	Normal operating noise
Humming and rustling	The fan is running.	Normal operating noise
Clicking	Components are switched on and off.	Normal switching noise
Rattling humming or	Valves or flaps are working.	Normal switching noise

Noise	Possible cause	Type of noise	Lifting
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

Noise	Possible cause	Type of noise	Lifting
Vibration	Improper installation	Defective noise	Check the installation. Level the appliance.

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)
	→ The temperature is set incorrectly.	▶ Turn down the temperature and check after 24 hours.
	→ The appliance is too close to a heat source (oven, radiator, etc).	▶ Move the appliance or the heat source.
	→ The 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.

Shutting down

10.3.2 Features

Defect	Cause	Remedy
The internal light does not come on.	→ The appliance is not switched on.	▶ Switch the appliance on.
	→ The door was open for longer than 15 minutes.	▶ Interior lighting 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)
The freezer compartment cannot be closed.*	→ The lock is on when the door is open.	▶ Use the handle again.

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.

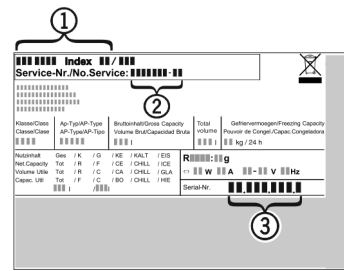


Fig. 117

- (1) Appliance description
 - (2) Service no.
 - (3) Serial no.
- ▶ Note the data on the model plate.

11 Shutting down

- ▶ Empty the appliance.
- ▶ Switch off appliance. (see Switching the appliance off and on)
- ▶ Pull the mains plug out of the socket.
- ▶ Remove the IEC socket if required: Pull the IEC socket out of the appliance plug and move it to the left and right at the same time.
- ▶ Clean appliance. (see 9.4 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.



Li-Ion



Li-Ion

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 m², 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.



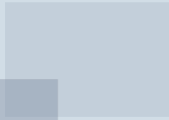
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EN integrated fridge

Issue date: 20240612

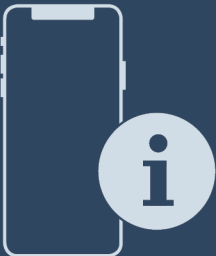
Part number index: 7088434-00

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

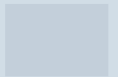


User Guide

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















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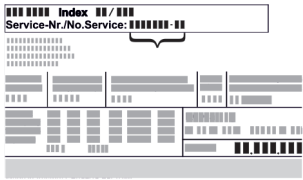
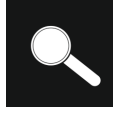

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The manufacturer is continually working on the further development of all types and models. Please be aware that we reserve the right to make changes to the shape, equipment and technology.

Symbol	Explanation
	<p>Read instructions</p> <p>Please read the information in these instructions carefully to understand all of the benefits of your new appliance.</p>
	<p>Additional information on the Internet</p> <p>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.</p> <p>The service number can be found on the serial tag:</p> <div style="text-align: center;">  </div> <p style="text-align: right;"><i>Fig. Example illustration</i></p>
	<p>Check appliance</p> <p>Check all parts for transport damage. If you have any complaints, please contact your agent or customer service.</p>
	<p>Differences</p> <p>These instructions apply to a range of models, so differences are possible. Sections that apply to certain models only are marked with an asterisk (*).</p>

Symbol	Explanation
	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:

IFN..i	35.. / 39..
SIFN..i	39.. / 41.. / 45.. / 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 appliances and equipment

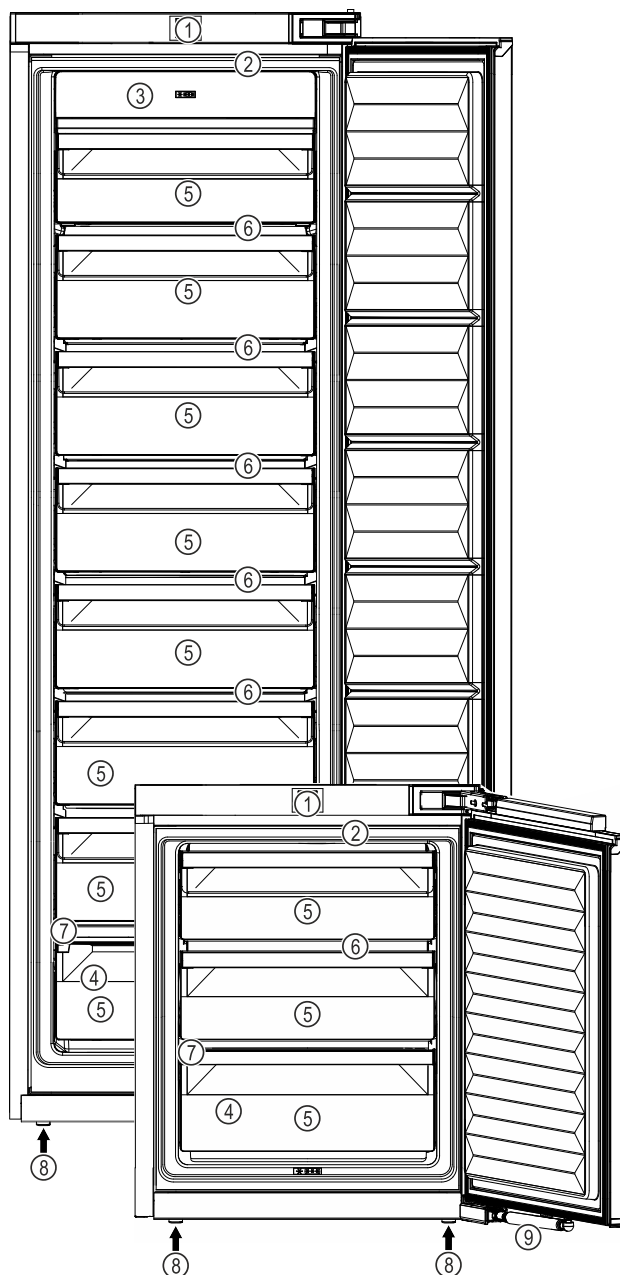


Fig. 1 Example illustration

- | | |
|---|----------------------------|
| (1) Controls | (6) VarioSpace |
| (2) LED interior light | (7) Type plate |
| (3) NoFrost | (8) Adjusting feet |
| (4) Freezer tray, cold storage accumulators | (9) Soft-closing mechanism |
| (5) Drawers | |

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 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 appli-

General safety instructions

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

For the GB market: 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.

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:

Functionality of the Touch & Swipe display

	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.

Symbol	Description
	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

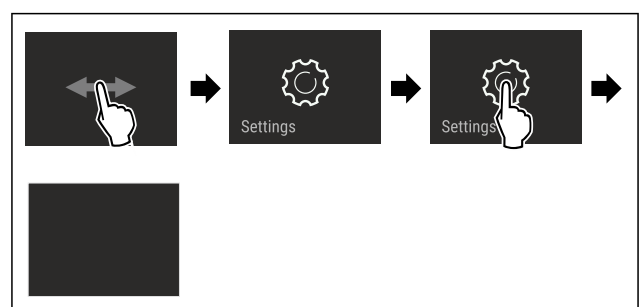


Fig. 2 Example illustration

- ▶ 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

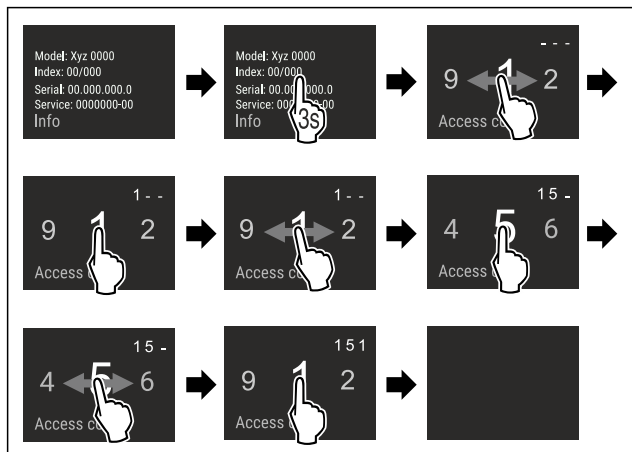


Fig. 4 Example illustration, access with numerical code 151

- ▶ 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.

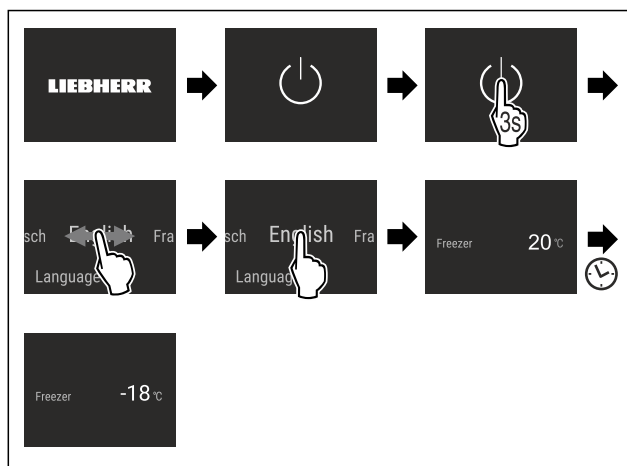


Fig. 5 Example illustration

- ▷ 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 SmartDevice for the first time. (see 1.3 SmartDevice) and (see WiFi)

Note

The manufacturer recommends:

- ▶ **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.

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:

- Package food properly.
- Package raw meat or fish in clean, closed containers. This will prevent meat or fish from touching or dripping onto other food.
- 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.

Saving energy

Note

Failure to follow these guidelines can lead to foodstuffs spoiling.

5.2 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.

5.2.1 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.

Appliance height < 1220 mm	
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.

Appliance height ≥ 1220 mm	
Freezing quantity	Arranging your food properly
Small amount of food to freeze	Distribute packaged groceries throughout all drawers, but do not place any groceries in the top drawer.
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.

5.2.2 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 a fridge
- In the microwave
- In the oven/fan-assisted oven
- At room temperature
- ▶ Take out only as much food as necessary.

5.2.3 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.

5.3 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.

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.
- Keep all food properly packed and covered. This prevents frost from forming.
- Inserting warm food: allow to cool down to room temperature first.

7 Controls

7.1 Controls and displays

7.1.1 Status display

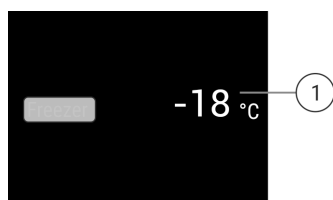


Fig. 6 The status display shows the actual temperature.

(1) Temperature display

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

7.1.2 Display symbols

Display symbols provide information on the current appliance status:

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

7.2 Appliance functions

7.2.1 Notes on the appliance functions

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

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

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



Switching the appliance off and on

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

Switching off the appliance

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

Make sure that the following requirements are fulfilled:

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



Fig. 7

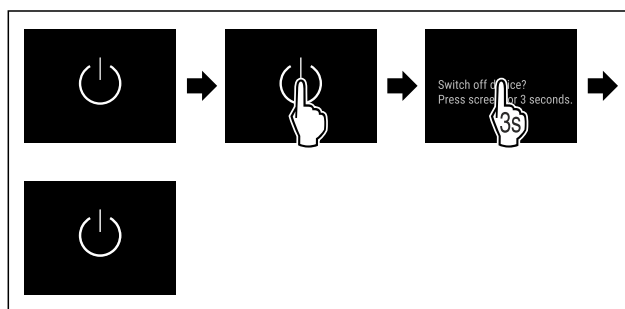


Fig. 8

- ▶ 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.

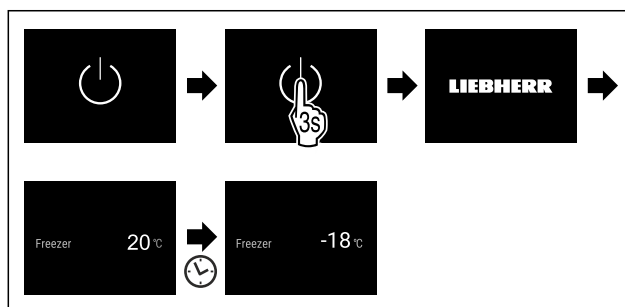


Fig. 9 Example illustration

- ▶ 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.

Controls



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.

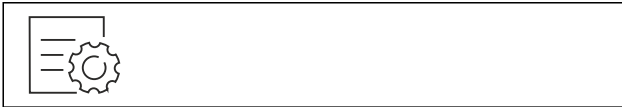


Fig. 10

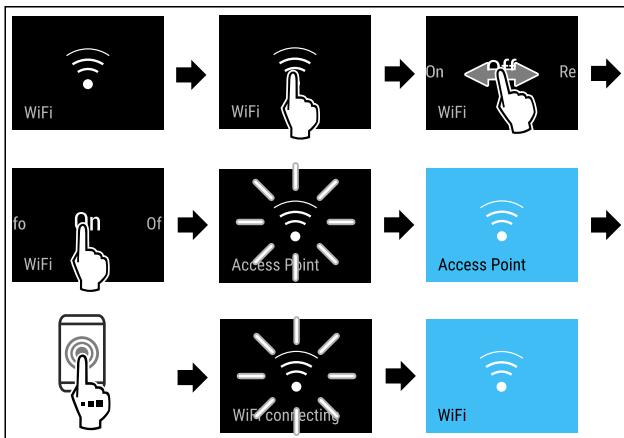


Fig. 11

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

Disconnecting from the WiFi

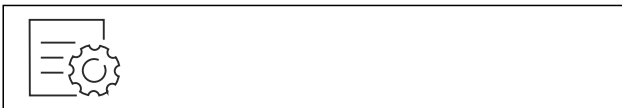


Fig. 12

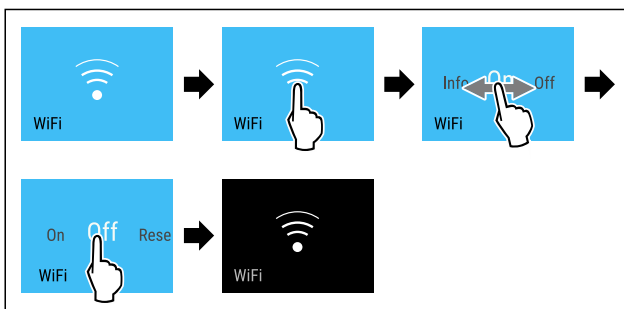


Fig. 13

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

Resetting the WiFi connection



Fig. 14

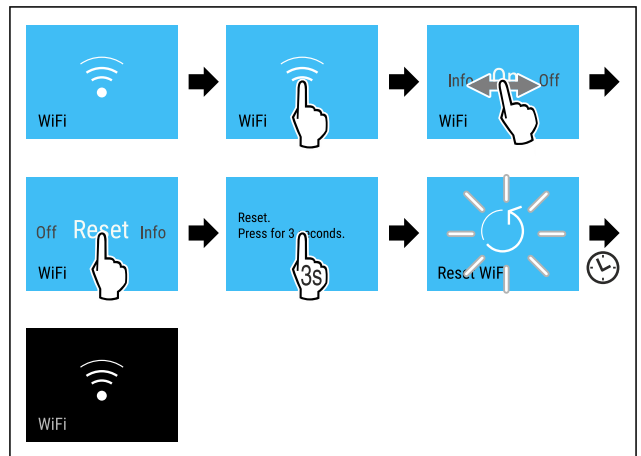


Fig. 15

- ▶ 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. 16

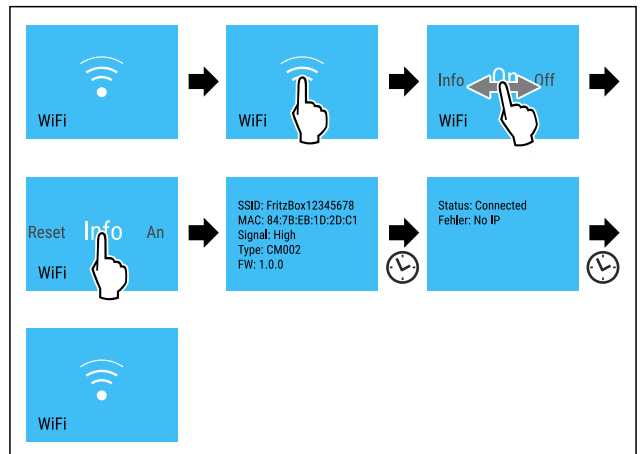


Fig. 17

- ▶ Carry out action steps according to the illustration.

-18°C Temperature

Use this function to set the temperature.

The temperature depends on the following factors:

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

Freezer compartment	Factory-set temperature	Recommended setting
-18 °C	-18 °C	-18 °C

Setting the temperature

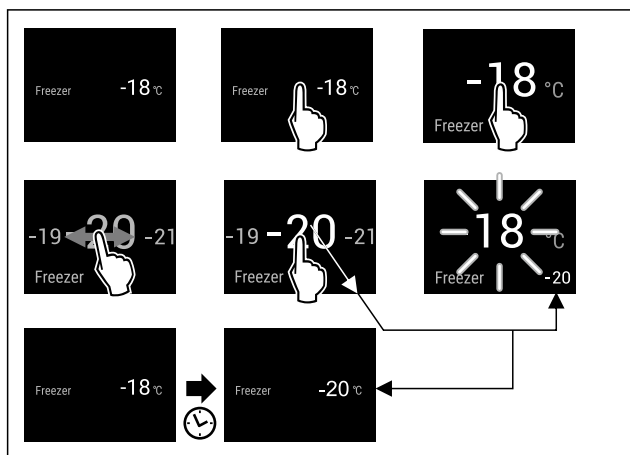


Fig. 18 Example illustration

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

Temperature unit

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

Setting the temperature unit



Fig. 19

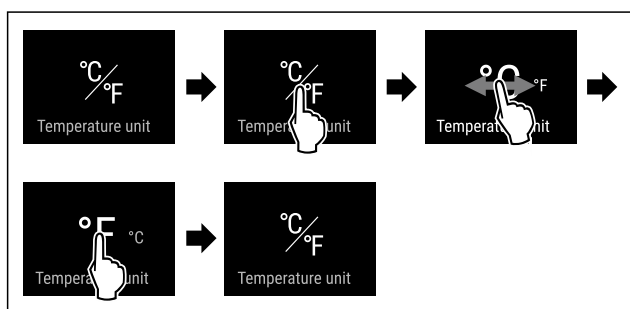


Fig. 20 Example illustration: Switch from degrees Celsius to degrees Fahrenheit.

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

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)

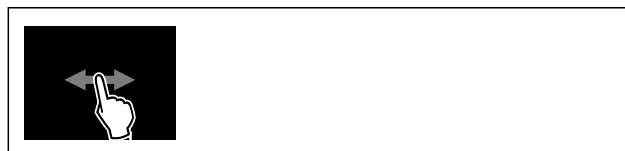


Fig. 21

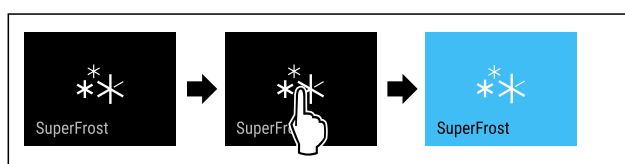


Fig. 22

- ▶ 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:

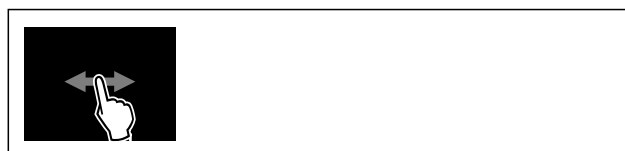


Fig. 23



Fig. 24

- ▶ 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.

Controls

Starting defrosting cycle



Fig. 25

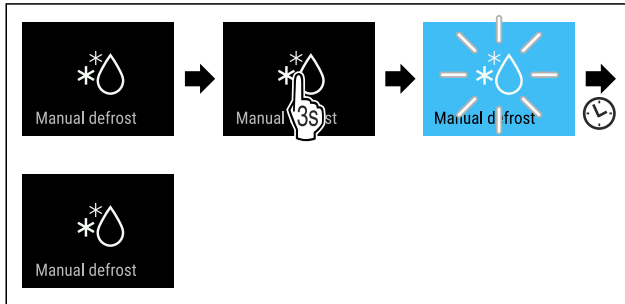


Fig. 26

- ▶ 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:

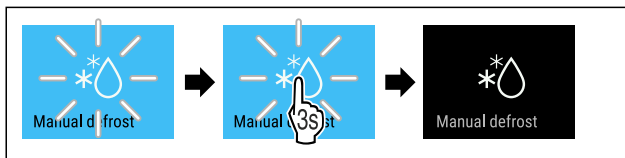


Fig. 27

- ▶ 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:

- SuperFrost (see SuperFrost)

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

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

Activating PartyMode



Fig. 28



Fig. 29

- ▶ 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. 30

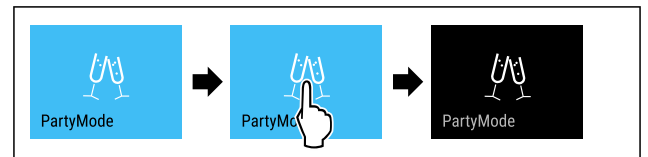


Fig. 31

- ▶ 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.



SabbathMode

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

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

Device status

Note

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

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

Activating SabbathMode



WARNING

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

After a power failure:

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



Fig. 32

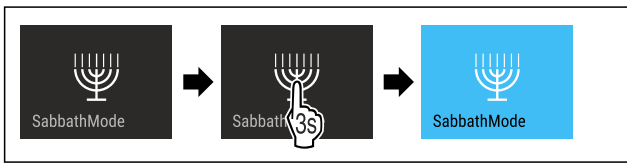


Fig. 33

- ▶ 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:

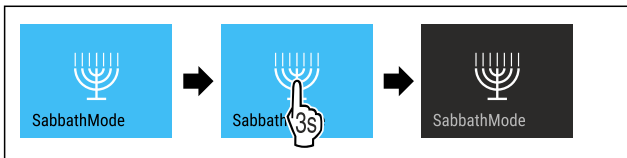


Fig. 34

- ▶ 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 Setting the temperature)	Temperature with active EnergySaver
-18 °C	-18 °C	-16 °C

Temperatures

Activating EnergySaver



Fig. 35

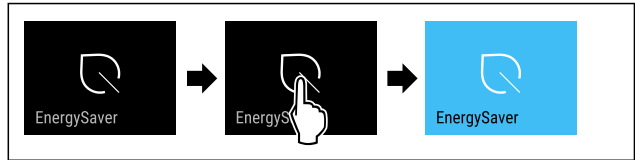


Fig. 36

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

Deactivating EnergySaver



Fig. 37

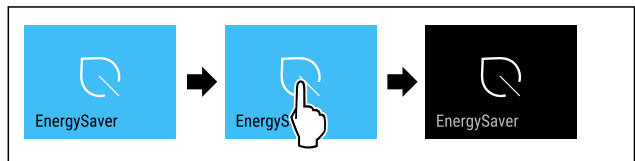


Fig. 38

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



Display brightness

Use this function to set the display brightness in stages.

You can select the following brightness levels:

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

Setting the brightness



Fig. 39

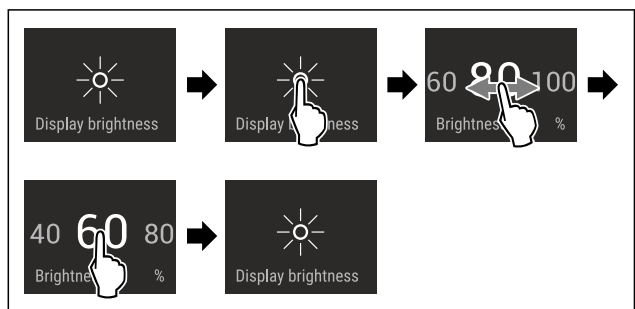


Fig. 40 Example illustration: Switch from 80 % to 60 %.

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

Controls

The following values can be set:

- 1 minute
- 2 minutes
- 3 minutes
- Off

Setting the door alarm

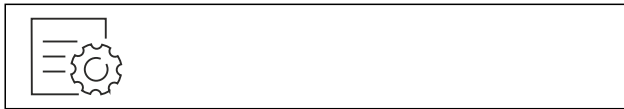


Fig. 41

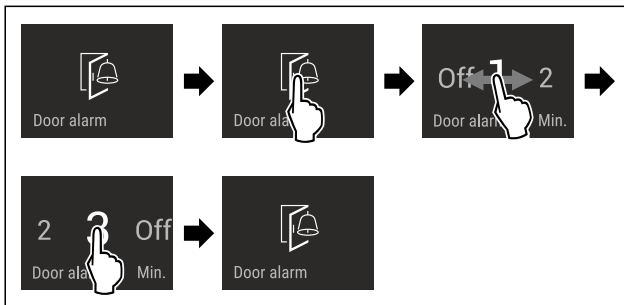


Fig. 42 Example illustration: Change door alarm from 1 minute to 3 minutes.

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

Deactivating the door alarm

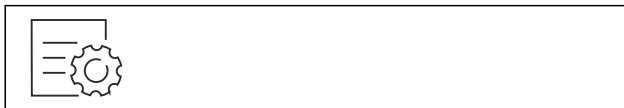


Fig. 44

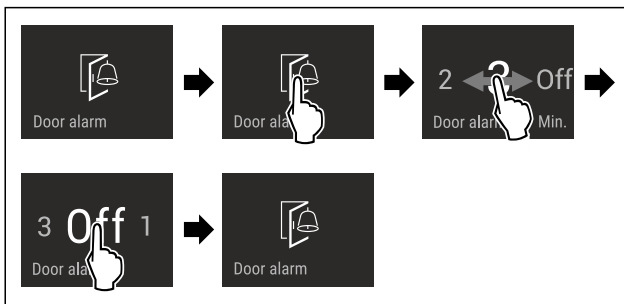


Fig. 45

- ▶ 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. 46

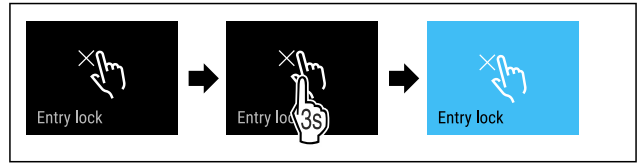


Fig. 47

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

Deactivating the input lock



Fig. 48

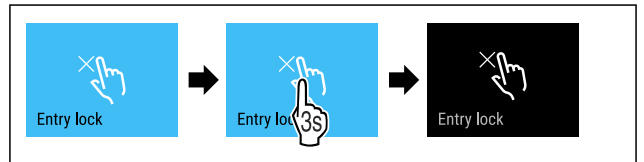


Fig. 49

- ▶ 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
- Bulgarian
- Русский
- 温度单位

Setting the language



Fig. 50

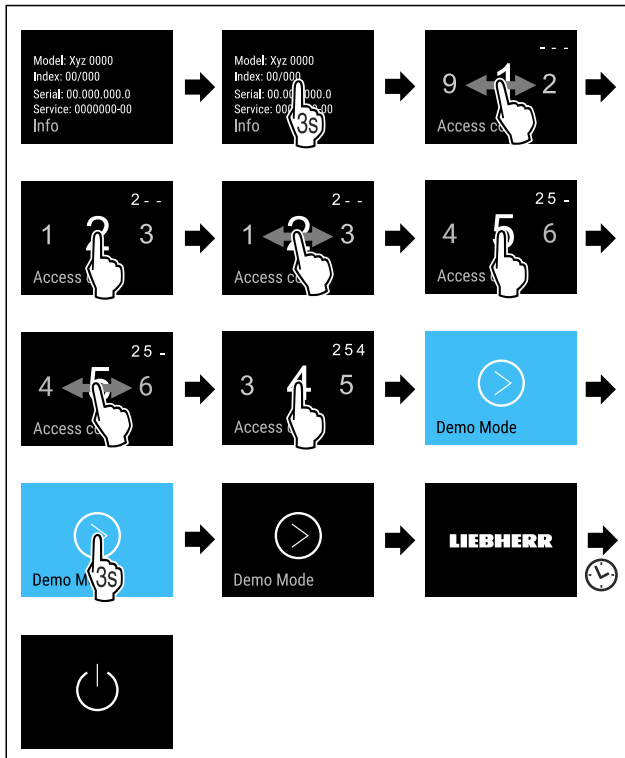


Fig. 59

- ▶ 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

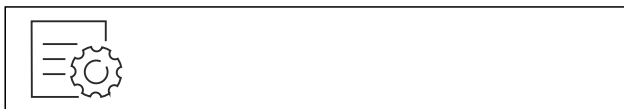


Fig. 60

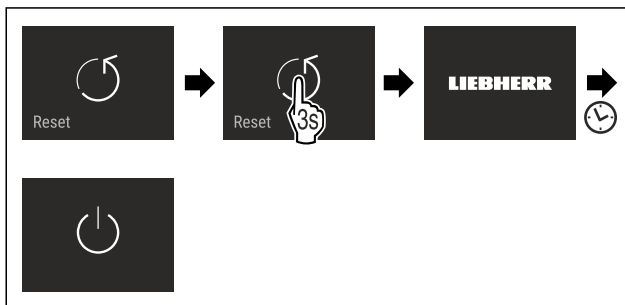


Fig. 61

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

7.3 Messages

There are two categories of messages:

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

7.3.1 Overview of warnings

Behaviour of the appliance in the event of warnings:

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

Message	Cause	Exit the message
 Close the door. Door alarm	The message appears if the door is open for too long.	Carry out action steps (see Door alarm).
 Power failure Power outage alarm	The message appears if the freezing temperature has risen due to a power failure.	Carry out action steps (see Power outage alarm).
 Temperature alarm Temperature alarm	The message appears if the freezing temperature does not correspond to the set temperature.	Carry out action steps (see Temperature alarm).
 Error Error	The message appears if there is an appliance error. A component of the appliance has a fault.	Carry out action steps (see Error).
 WiFi Error WLAN error	The message appears if the appliance could not be connected to the WLAN. (see Establishing the WiFi connection for the first time)	Carry out action steps (see WLAN error).

7.3.2 Ending warnings

Door alarm

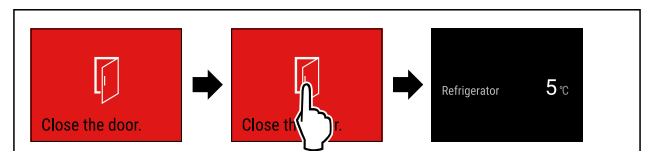


Fig. 62 Example illustration

- ▶ Carry out action steps according to the illustration.

-or-

- ▶ Close the door.

- ▷ The display returns to the status indicator.

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

Power outage alarm

When the power failure has ended, the appliance cools down to the previously set target temperature.

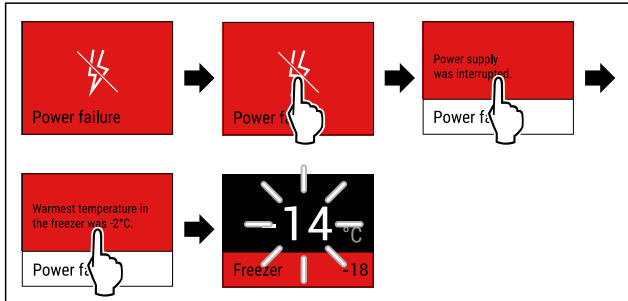


Fig. 63 Example illustration

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

Temperature alarm

Temperature differences can be caused by:

- You have put in warm, fresh food.
- Too much warm air has got in while you were sorting out the freezer or removing items.
- There has been a longer power failure.
- The appliance is faulty.
- ▶ Eliminate causes.
- ▷ The appliance cools to the target temperature set previously.

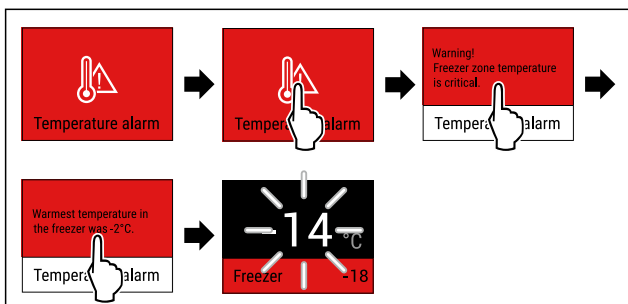


Fig. 64 Example illustration

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

Error

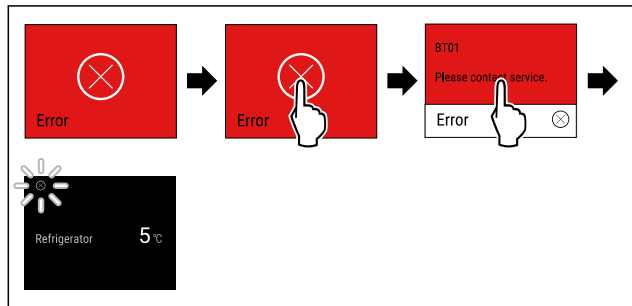


Fig. 65 Example illustration

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

WLAN error

- ▶ Check WLAN connection.
- ▶ Reconnect the appliance to the WLAN. (see WiFi)

7.3.3 Overview of reminders

Behaviour of the appliance during reminders:

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

8 Features

8.1 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!

8.1.1 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

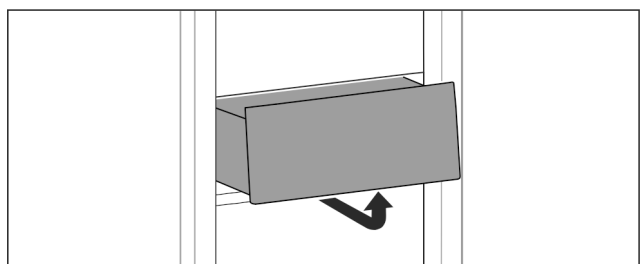


Fig. 66

- ▶ Remove drawer as shown in the illustration.

Features

Inserting drawer

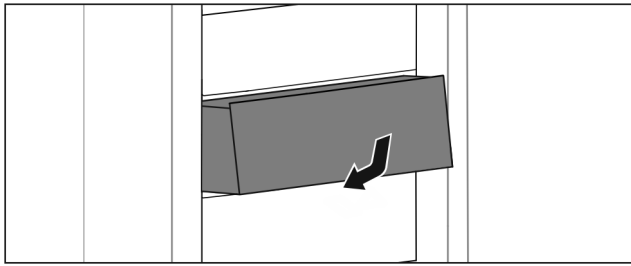


Fig. 67

- ▶ Insert drawer as shown in the illustration.

8.1.2 Top tilting drawer*

When you pull out the top drawer, it tilts forward. This gives you a better view into the drawer. The function depends on the height of the appliance.

When you remove the tilting drawers, you can use the glass shelf below them as a storage shelf.

Removing drawer

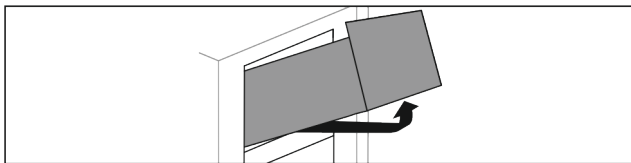


Fig. 68

- ▶ Pull out drawer as far as it will go.
- ▶ Lift drawer up at the front and at the same time push up at the back from below.
- ▶ Remove drawer to the front.

Inserting drawer

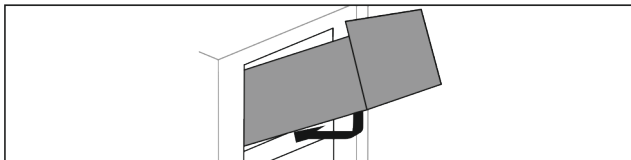


Fig. 69

- ▶ Position drawer as shown.
- ▷ The drawer rests on the glass panel.
- ▶ Lift drawer slightly from below at the back and slide over the lip.
- ▶ Slide in drawer to the back.

8.1.3 Drawer on moulded rib

The drawer runs directly on the moulded rib. There are no rails.

Removing drawer

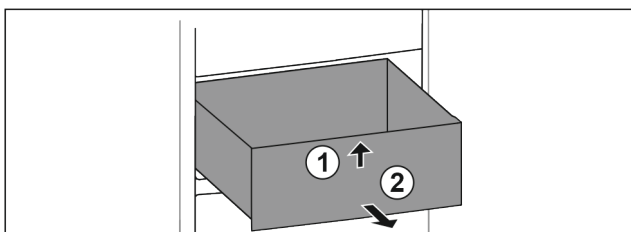


Fig. 70

- ▶ Pull out drawer as far as it will go.
- ▶ Lift up drawer at the front. Fig. 70 (1)
- ▶ Remove drawer to the front. Fig. 70 (2)

Inserting drawer

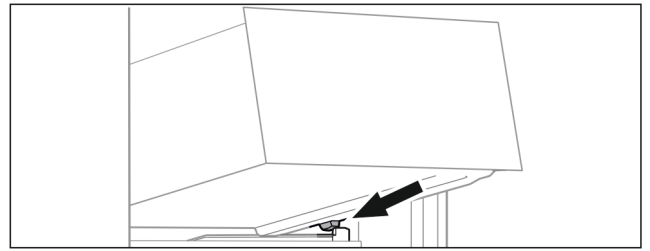


Fig. 71

- ▶ Place drawer at an angle behind the stoppers on the moulded rib. (see Fig. 71)
- ▶ Lower drawer.
- ▶ Slide in drawer to the back.

8.2 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.

8.2.1 Removing / inserting the glass shelf under the tilting drawer*

The glass shelf is located under the top tilting drawer.

Make sure that the following requirements are fulfilled:

- Drawer has been removed. (see 8.1.2 Top tilting drawer*)

Removing glass shelf

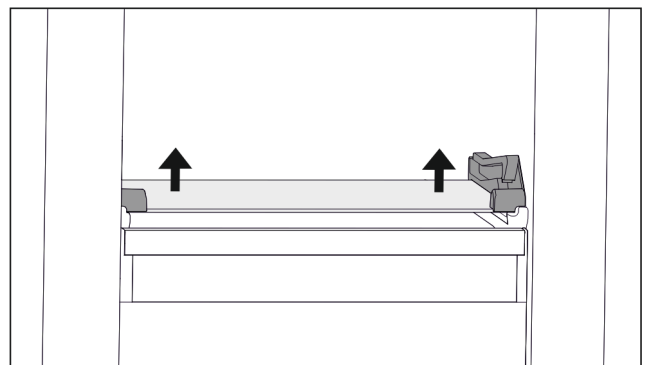


Fig. 72 Tilting drawer glass shelf

- ▶ Push glass shelf upwards from below on both sides. (see Fig. 72)
- ▶ Take out the glass shelf to the front.

Inserting glass shelf

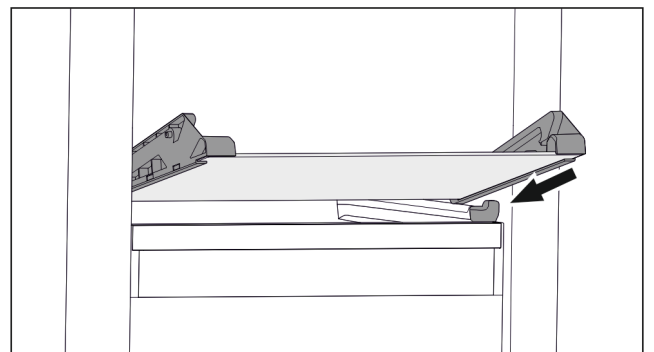


Fig. 73 Tilting drawer glass shelf

- ▶ Position glass shelf at an angle behind the stoppers. (see Fig. 73)
- ▶ Lower glass shelf.
- ▶ Slide in glass shelf to the back.
- ▷ Glass shelf clicks into place.

8.2.2 Removing / inserting the glass shelf

Depending on the equipment, the glass shelf may be located under the drawer.*

Make sure that the following requirements are fulfilled:

- ❑ Glass shelf under the drawer: The drawer has been removed. (see 8.1 Drawers)

Removing glass shelf

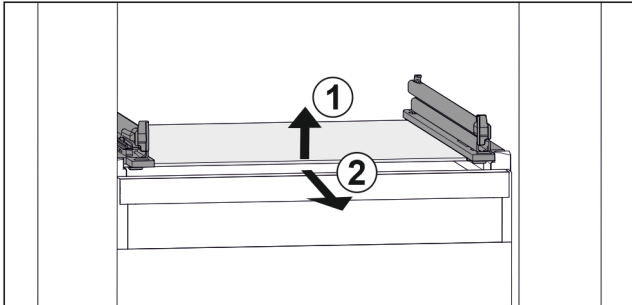


Fig. 74 Example illustration of glass shelf

- ▶ Lift glass shelf at the front. Fig. 74 (1)
- ▶ Take out glass shelf to the front. Fig. 74 (2)

Inserting glass shelf

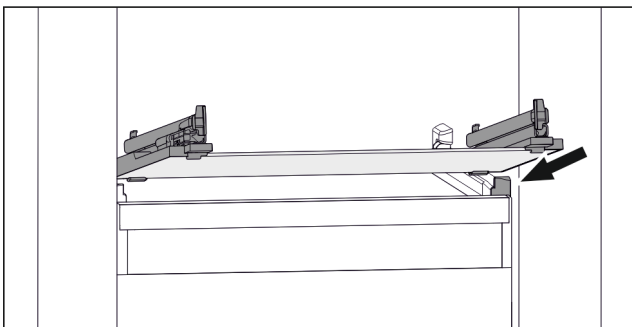


Fig. 75 Example illustration of glass shelf

- ▶ Position glass shelf at an angle behind the stoppers. (see Fig. 75)
- ▶ Lower glass shelf.
- ▶ Slide in glass shelf to the back.

8.3 VarioSpace

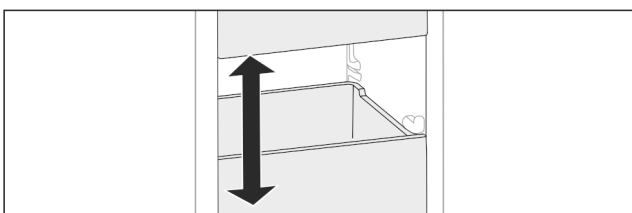


Fig. 76

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).

8.4 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.

8.4.1 Using the freezer pack

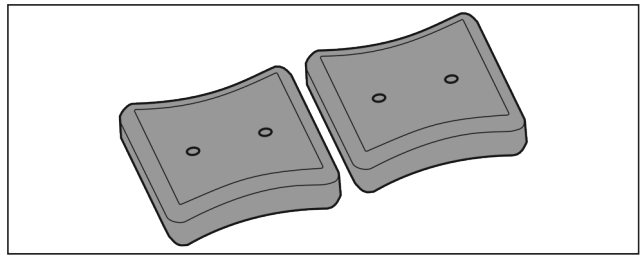


Fig. 77

When the freezer packs are fully frozen:

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

8.5 Ice cube tray with cover

8.5.1 Using the ice cube tray

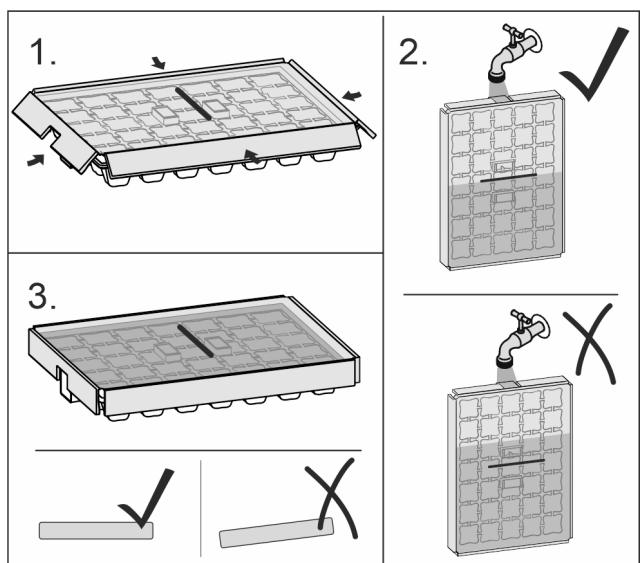


Fig. 78

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.

8.5.2 Dismantling the ice cube tray

You can take the ice cube tray apart for cleaning.

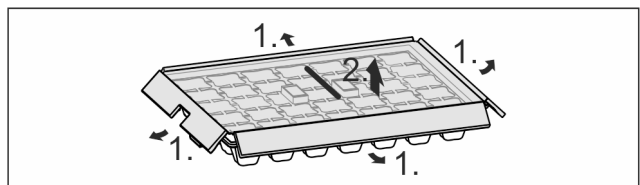


Fig. 79

- ▶ Disassembling the ice cube tray.

9 Maintenance

9.1 Disassembling / assembling pull-out systems

9.1.1 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
Top tiltable drawer*	can be disassembled (see 9.1.2 Top tilting drawer*) *
Drawer guided on container rib	can be disassembled (see 9.1.3 Drawer on moulded rib)

9.1.2 Top tilting drawer*

Disassembling pull-out system

Make sure the following prerequisites are met:

- Drawer has been removed. (see 8.1.2 Top tilting drawer*)
- Glass shelf has been removed. (see 8.2 Glass shelves)

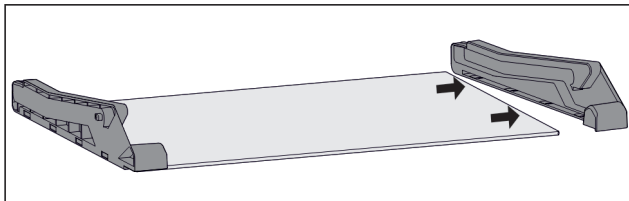


Fig. 80 Glass shelf with side parts

- ▶ Pull off side part from glass shelf sideways.

Installing pull-out system

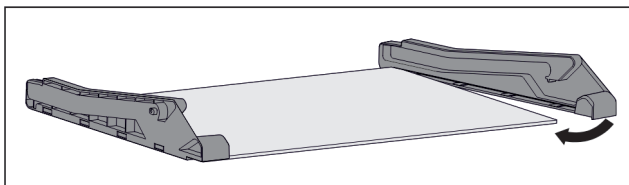


Fig. 81 Glass shelf with side parts

- ▶ Place on side part at the back.
- ▶ Press side part onto glass shelf at the front.

9.1.3 Drawer on moulded rib

Disassembling pull-out system

Make sure the following prerequisites are met:

- Drawer has been removed. (see 8.1.3 Drawer on moulded rib)

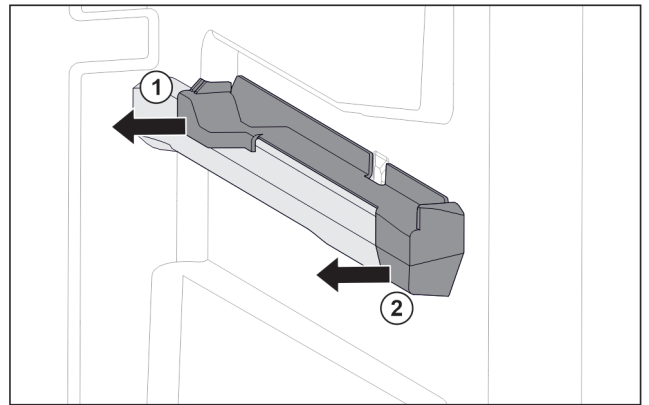


Fig. 82 Attachment on the right moulded rib

- ▶ Grab attachment at the back from below.
- ▶ Pull off attachment at the back sideways. Fig. 82 (1)
- ▶ Pull off attachment at the front sideways. Fig. 82 (2)

Installing pull-out system

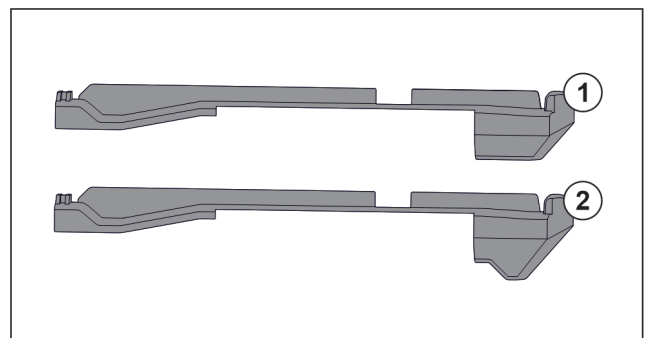


Fig. 83 Comparing attachments

There are two different attachments in the appliance. The attachment above the lowest drawer Fig. 83 (2) has a three-cornered edge. All other attachments Fig. 83 (1) have a straight edge.

- ▶ Fit attachment Fig. 83 (2) with the three-cornered edge above the lowest drawer.
- ▶ Fit attachment Fig. 83 (1) with straight edge in all other positions.

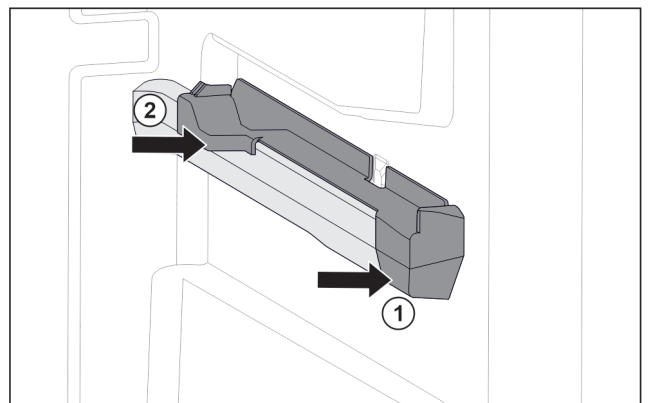


Fig. 84 Attachment on the right moulded rib

- ▶ Position attachment on moulded rib at the front. Fig. 84 (1)
- ▶ Press on attachment at the back. Fig. 84 (2)

9.2 Defrosting the appliance

9.2.1 Defrosting with NoFrost

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

The appliance does not have to be defrosted.

9.3 Cleaning the appliance

9.3.1 Ready



WARNING

Danger of electric shock!

- ▶ Remove the refrigerator connector or interrupt the power supply.



WARNING

Risk of fire

- ▶ Do not damage the refrigeration circuit.

- ▶ Empty the appliance.
- ▶ Remove mains connector.

9.3.2 Cleaning the interior

NOTICE

Improper cleaning!

Damage to the appliance.

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

9.3.3 Clean the components

NOTICE

Improper cleaning!

Damage to the appliance.

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

- Drawer
- Freezer tray

Wash in the dishwasher up to 60 °C:

- Ice cube tray
- ▶ To disassemble components: see the relevant section.
- ▶ Clean the components.

9.3.4 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	
Freeze	-28 °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 8.1.1 Drawer on appliance base or glass shelf)	12 kg	15 kg	--
Drawer on moulded rib (see 8.1.3 Drawer on moulded rib)	14 kg	19 kg	19 kg

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

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

Customer help

- High ambient temperature
- Door open for a while

Noise	Possible cause	Type of noise
Bubbling and splashing	Coolant flowing into the cooling circuit.	Normal operating noise
Hissing	Coolant sprays into the cooling circuit.	Normal operating noise
Humming	The appliance is cooling. The volume depends on the cooling output.	Normal operating noise
Suction noises	Soft-closing door is being opened and closed.	Normal operating noise
Humming and rustling	The fan is running.	Normal operating noise
Clicking	Components are switched on and off.	Normal switching noise
Rattling humming or	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. ▶ Safeguarding food: Place cold packs on top of food or use another freezer if the power cut lasts longer. ▶ Do not re-freeze defrosted food,
	→ The IEC socket is not plugged into the appliance correctly.	▶ Check the IEC socket.
Temperature is not cold enough.	→ The appliance door is not closed properly.	▶ Close the appliance door.
	→ Not enough ventilation.	▶ Keep ventilation grille clear, and clean it.
	→ The ambient temperature is too high.	▶ Problem solution: (see 1.4 Appliance range of use)
	→ The appliance was opened too many times or for too long.	▶ Wait to see if the required temperature corrects itself. If not, contact Customer Service. (see 10.4 Customer Service)
	→ Too much fresh food was placed inside without SuperFrost.	▶ Solution: (see SuperFrost)
	→ The temperature is set incorrectly.	▶ Turn down the temperature and check after 24 hours.
	→ The appliance is too close to a heat source (oven, radiator, etc).	▶ Move the appliance or the heat source.
	→ The 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	→ The door seal can be replaced. It can be replaced without the need for special tools.	▶ Contact Customer Service. (see 10.4 Customer Service)

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

10.4 Customer Service

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

You can find the address 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.

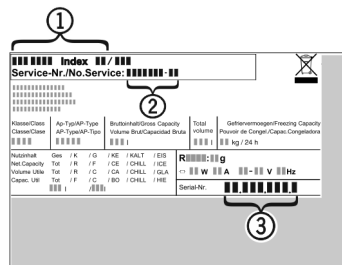


Fig. 85

- (1) Appliance description
 - (2) Service no.
 - (3) Serial no.
- ▶ Note the data on the model plate.

11 Shutting down

- ▶ Empty the appliance.
- ▶ Switch off appliance. (see Switching the appliance off and on)
- ▶ Pull the mains plug out of the socket.
- ▶ Remove the IEC socket if required: Pull the IEC socket out of the appliance plug and move it to the left and right at the same time.
- ▶ Clean appliance. (see 9.3 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.
- ▶ If possible: remove lamps without destroying them.

Disposal

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 m², 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 freezer

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