



User Guide

Quality, Design and Innovation



home.liebherr.com/fridge-manuals



LIEBHERR

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

Symbol	Explanation
	Read instructions Please read the information in these instructions carefully to understand all of the benefits of your new appliance.
	Additional information on the Internet The digital manual with additional information and in other languages can be found via the QR code on the front of the manual or by entering the service number at home.liebherr.com/fridge-manuals . The service number can be found on the serial tag: <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.

Symbol	Explanation
	Differences These instructions apply to a range of models, so differences are possible. Sections that apply to certain models only are marked with an asterisk (*).
	Instructions and results Instructions are marked with a ▶. Results are marked with a ▷.
	Videos Videos about the appliances are available on the YouTube channels of Liebherr-Hausgeräte.

Open source licences:

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

These operating instructions apply to:

URP.. 3..i

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

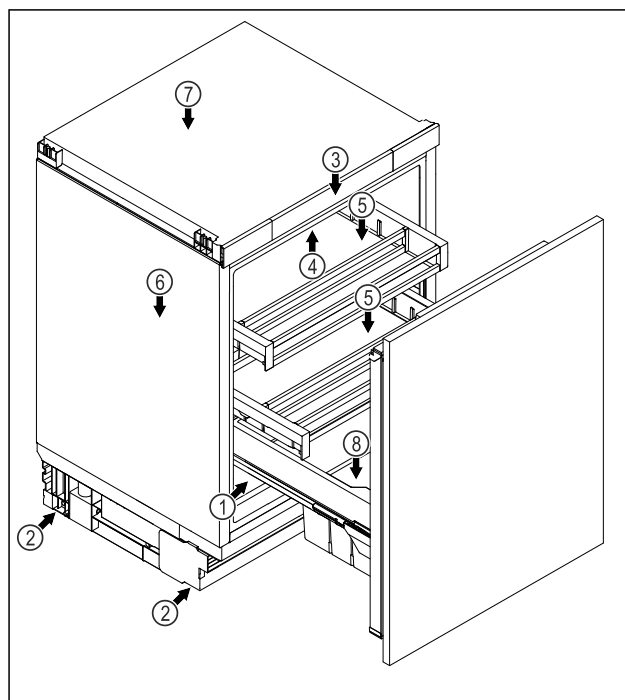


Fig. 1 Example illustration, front end

Equipment

- | | |
|--------------------------------------|---|
| (1) Type plate | (5) Drawer |
| (2) Adjustable feet | (6) Defrost water drain |
| (3) Controls and temperature display | (7) Fan with FreshAir activated charcoal filter |
| (4) Interior lighting | (8) Telescopic unit with drinks compartment |

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.



More information about SmartDevice: smartdevice.liebherr.com

General safety instructions

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;

The appliance is suitable for integrating under counters.

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.

1.8 Spare parts

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

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

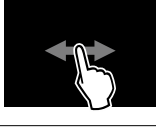
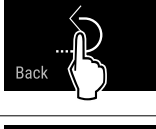
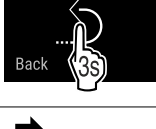
	DANGER	indicates an immediately hazardous situation which will lead to death or serious injuries if it is not avoided.
	WARNING	indicates a hazardous situation which may lead to death or serious injuries if it is not avoided.
	CAUTION	indicates a hazardous situation which may lead to minor or moderate 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.

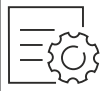
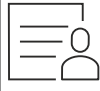
3 Functionality of the Touch & Swipe display

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.

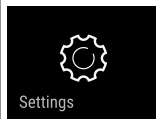
Symbol	Description
	Briefly touch the display: Activates/deactivates function. Confirms selection. Opens submenu.
	Touch the display for a specified time (e.g. 3 seconds): Activates/deactivates function or value.
	Swipe left or right: Navigate in the menu.
	Briefly touch the Back symbol: Jumps back one 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

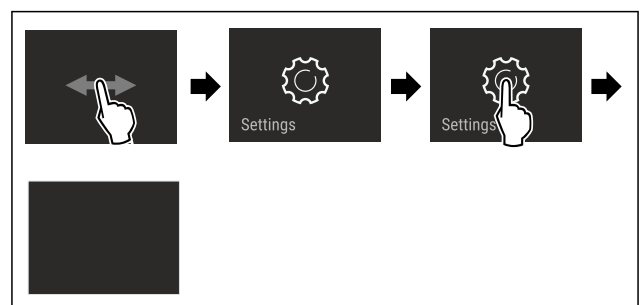


Fig. 2 Example illustration

- ▶ 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

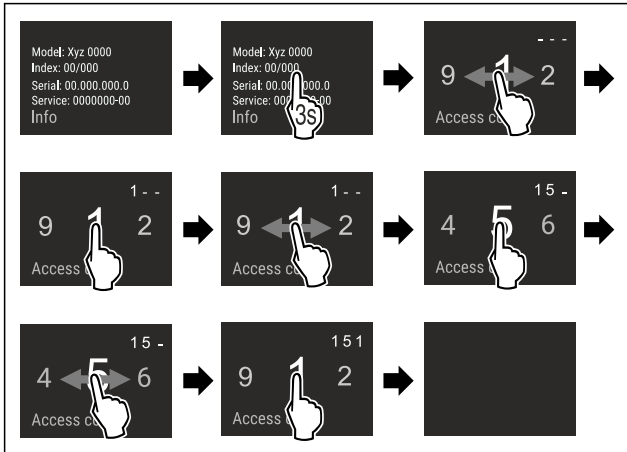


Fig. 4 Example illustration, access with numerical code 151

- ▶ 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.

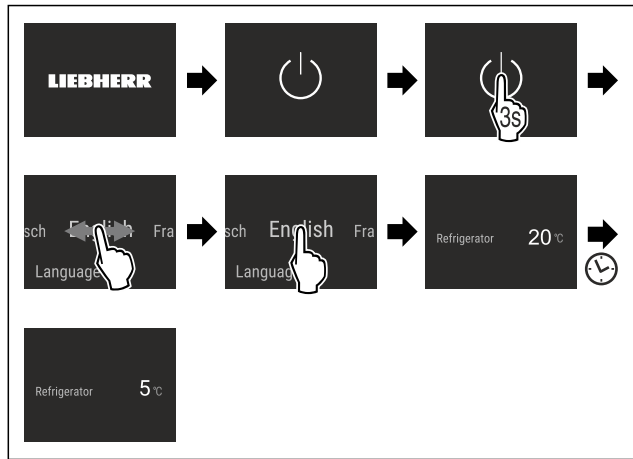


Fig. 5 Example illustration

- ▶ 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:

- 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.

Saving energy

Note

Failure to follow these guidelines can lead to foodstuffs spoiling.

5.2 Fridge section with telescopic unit

5.2.1 Arranging your food properly

NOTICE

Risk of damage due to incorrectly stored food!

Damage to the fan. If you fill the top drawer too high, the drawer may hit the appliance's fan when you close the telescopic unit.

► Only fill the top drawer up to the top drawer rail.

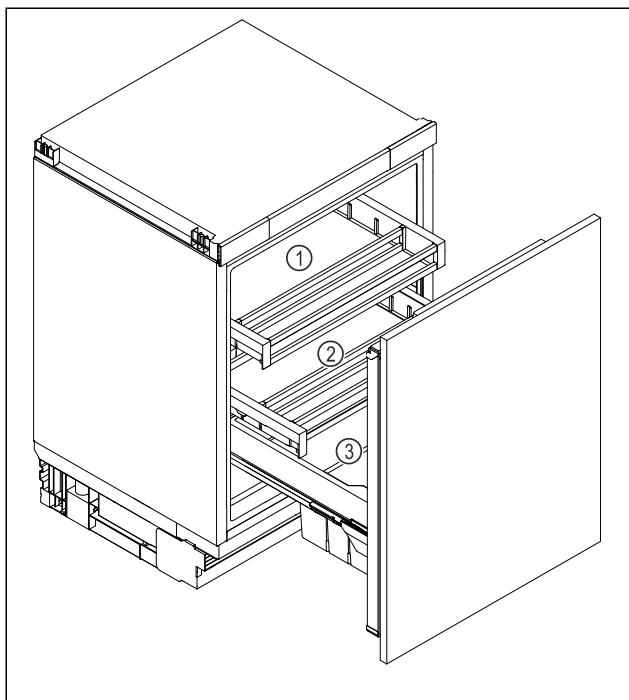


Fig. 6 Example illustration

- Top drawer Fig. 6 (1): Store butter, cheese, tinned food and tubes.
- Bottom drawer Fig. 6 (2): Store particularly perishable foods such as ready meals, fish, meat and sausage products.
- Fruit and vegetable box Fig. 6 (3): Store packaged fruit and vegetables.
- Drinks compartment Fig. 6 (3): Store individual bottles.

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 Fridge section

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

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.
- 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.
- For longer periods of absence, use HolidayMode (see HolidayMode) .

7 Controls

7.1 Controls and displays

7.1.1 Status display

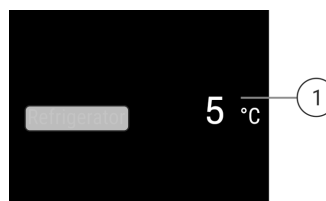


Fig. 7 The status display shows the actual temperature.

(1) 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. 8

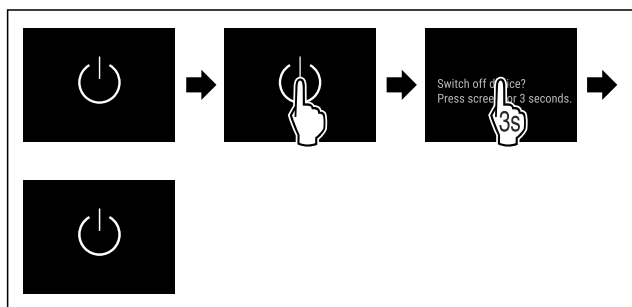


Fig. 9

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

Switching on the appliance

If the display is in sleep mode:

- Briefly touch the display.

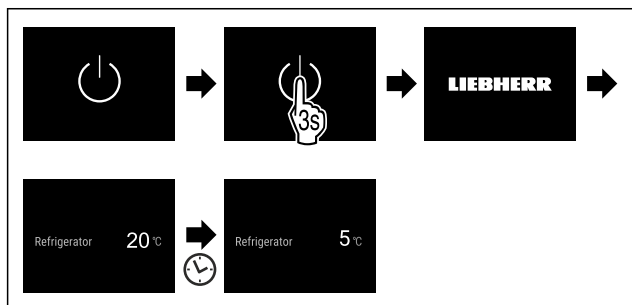


Fig. 10 Example illustration

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



WiFi

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

More information on the SmartDevice: (see 1.3 SmartDevice)

Note

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

Establishing the WiFi connection for the first time

Make sure that the following requirements are fulfilled:

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

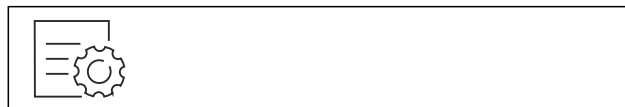


Fig. 11

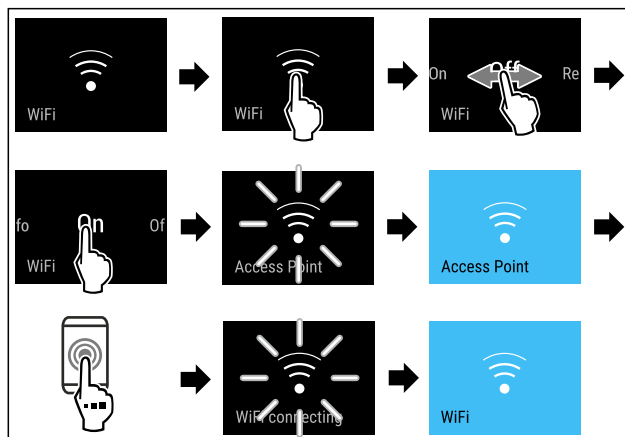


Fig. 12

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

Disconnecting from the WiFi



Fig. 13

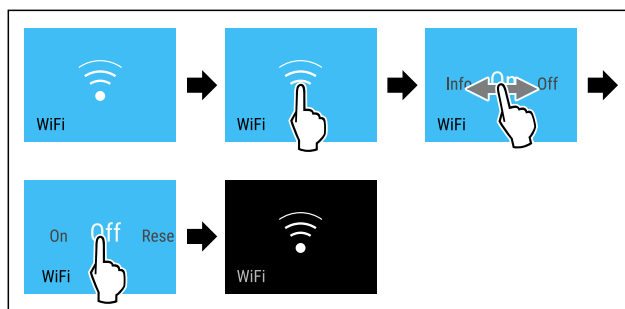


Fig. 14

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

Resetting the WiFi connection



Fig. 15



- ## Showing information about the WiFi connection



- 5 °C** Temperature

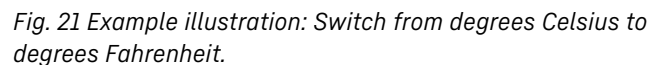
The temperature depends on the following factors:

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

Fig. 19 Example illustration

- Temperature unit**

Setting the temperature unit



- 
- SuperCool**

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.

Time for activation of the function:

- 10

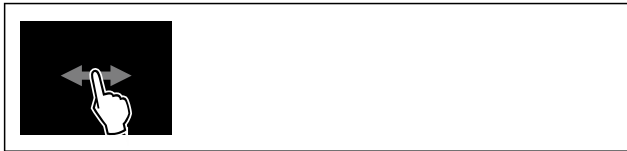


Fig. 22

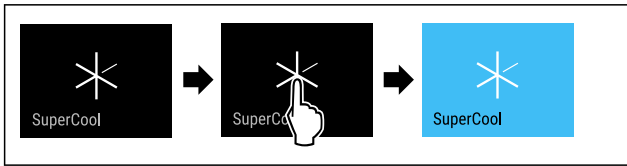


Fig. 23

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

Deactivating SuperCool

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



Fig. 24

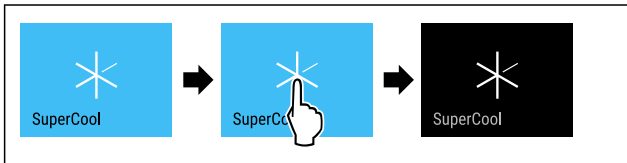


Fig. 25

- Carry out action steps according to the illustration.
- or-
- Deactivate with the SmartDevice app.
- SuperCool is deactivated.
- The appliance continues to run in normal mode.
- The appliance cools to the temperature set previously.

PowerCool

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

The function applies to the fridge section.

Application:

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

Note

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

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

Activating PowerCool



Fig. 26

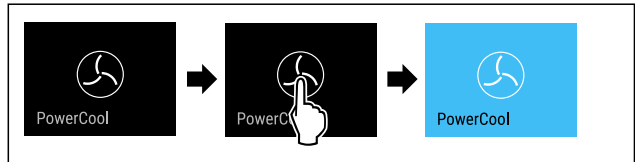


Fig. 27

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

Deactivating PowerCool



Fig. 28

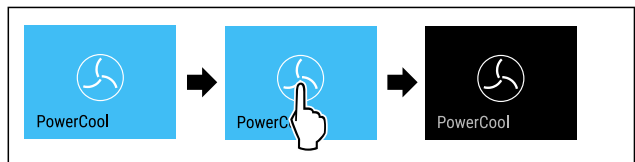


Fig. 29

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



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.
SuperCool is deactivated.
PowerCool is deactivated.

Activating HolidayMode

- Empty the fridge section completely.



Fig. 30

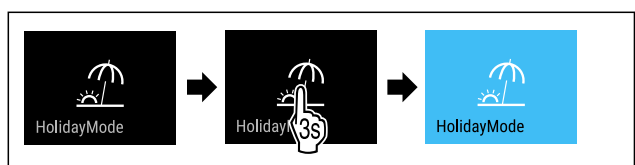


Fig. 31

- Carry out action steps according to the illustration.

Controls

- ▶ HolidayMode is activated.
- ▶ Temperature display turns blue and shows HolidayMode symbol.

Deactivating HolidayMode



Fig. 32

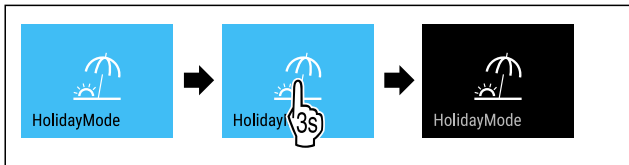


Fig. 33

- ▶ 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.
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. 34

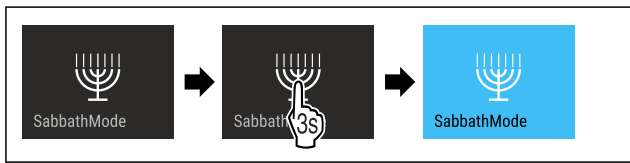


Fig. 35

- ▶ 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:

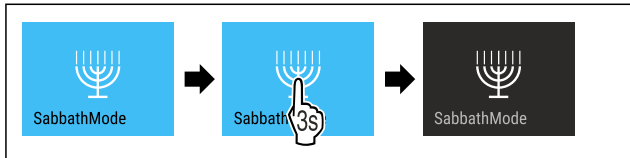


Fig. 36

- ▶ 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. 37

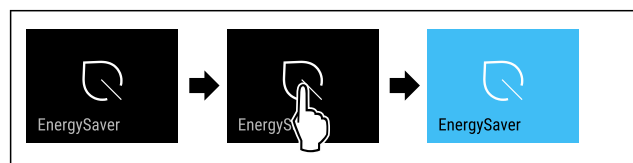


Fig. 38

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

Deactivating EnergySaver



Fig. 39

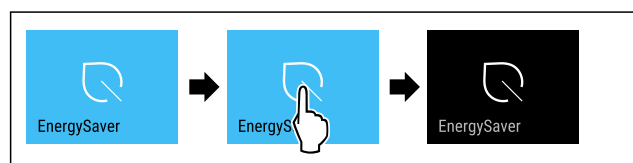


Fig. 40

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

CleaningMode

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

This setting applies to the fridge section.

Application:

- Clean the fridge section. (see 9.4 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. 41



Fig. 42

- ▶ 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. 43

- ▶ 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. 44

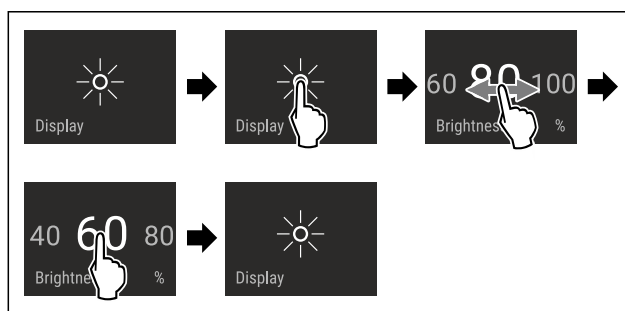


Fig. 45 Example illustration: Switch from 80 % to 60 %.

- ▶ 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. 46

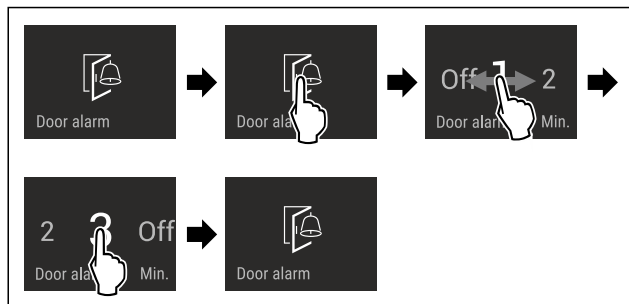


Fig. 47 Example illustration: Change door alarm from 1 minute to 3 minutes.

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

Deactivating the door alarm

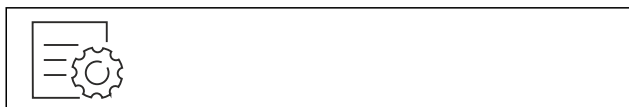


Fig. 49

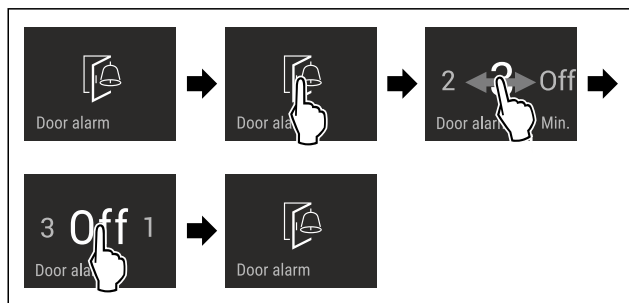


Fig. 50

- 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.

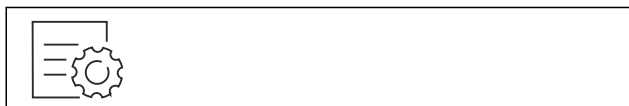


Fig. 51

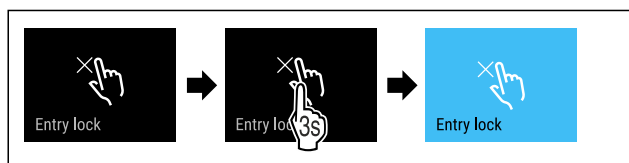


Fig. 52

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

Deactivating the input lock



Fig. 53

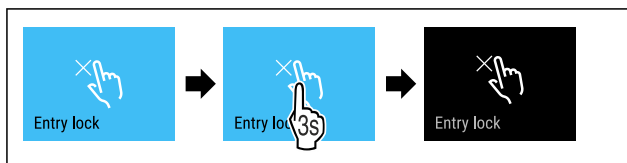


Fig. 54

- 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

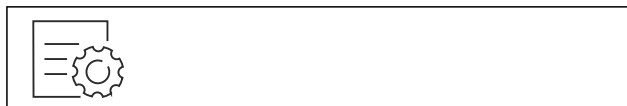


Fig. 55

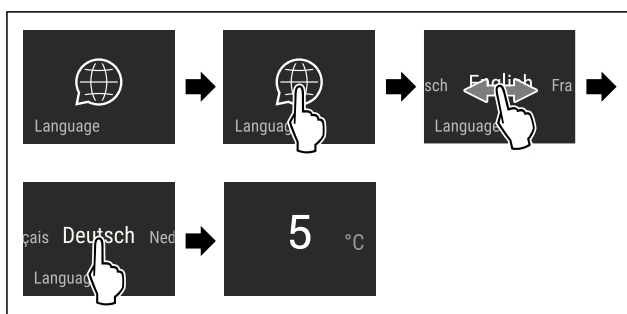


Fig. 56 Example illustration depending on the language and temperature

- 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

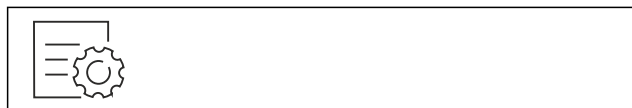


Fig. 57



Fig. 58

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



Software

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

Indicating the software version

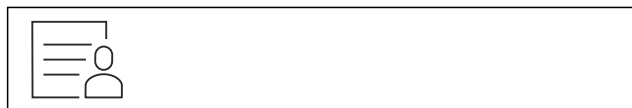


Fig. 59



Fig. 60

- ▶ 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. 61

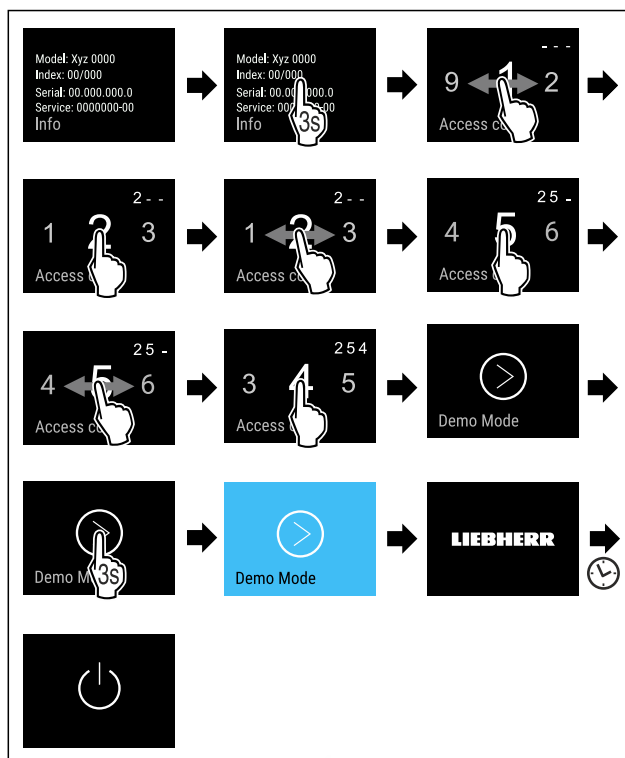


Fig. 62

- ▶ 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

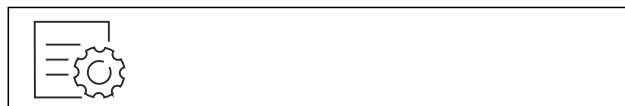


Fig. 63

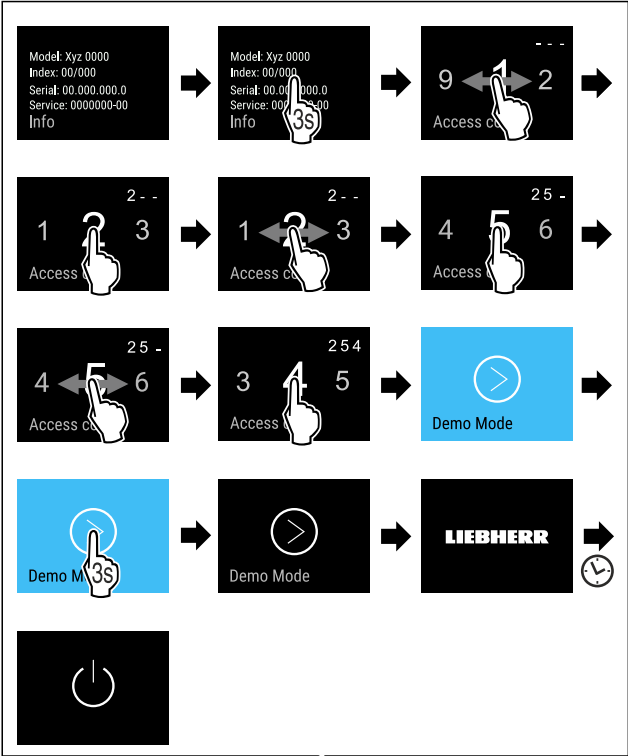


Fig. 64

- 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. 65

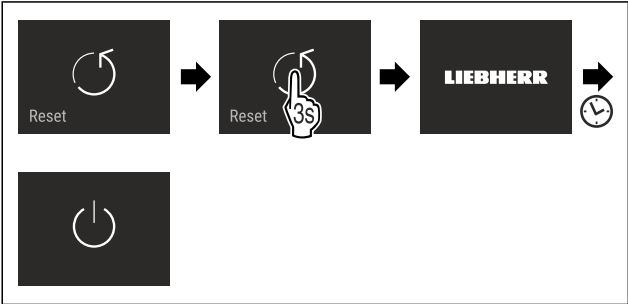


Fig. 66

- 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) .
 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	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

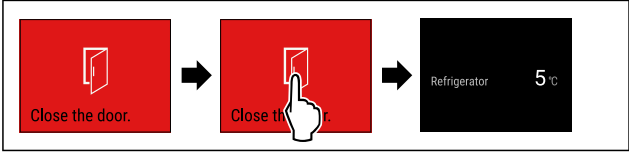


Fig. 67 Example illustration

- 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

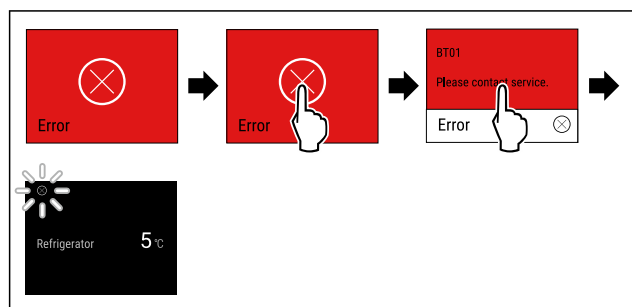


Fig. 68 Example illustration

- 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!

8.2 Butter dish

8.2.1 Opening/closing the butter dish

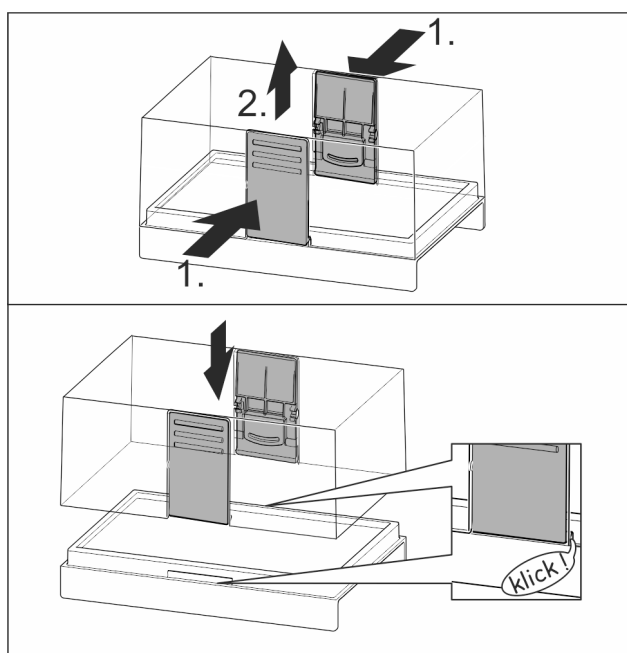


Fig. 69

8.2.2 Dismantling the butter dish

You can take the butter dish apart for cleaning.

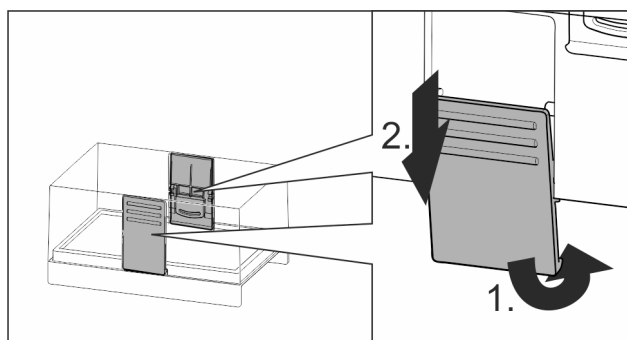


Fig. 70

- Disassembling the butter dish.

8.3 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.

Maintenance

8.3.1 Using the egg rack

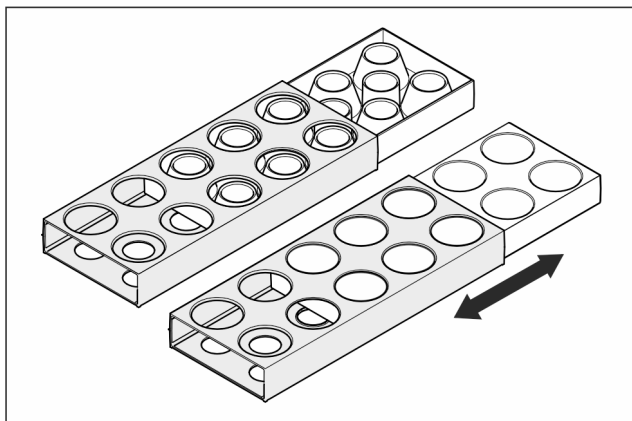


Fig. 71

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

8.4 FlexCube

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

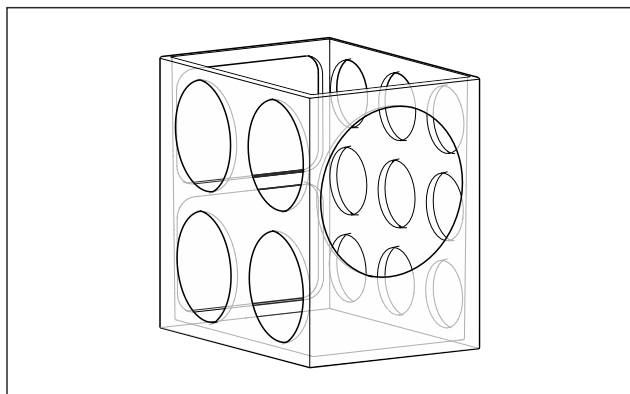


Fig. 72 Example illustration

Note

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

8.4.1 Using the FlexCube

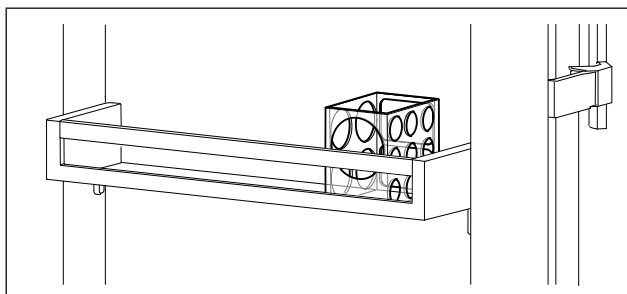


Fig. 73 Example illustration

- Insert the FlexCube in the door rack.
- or-

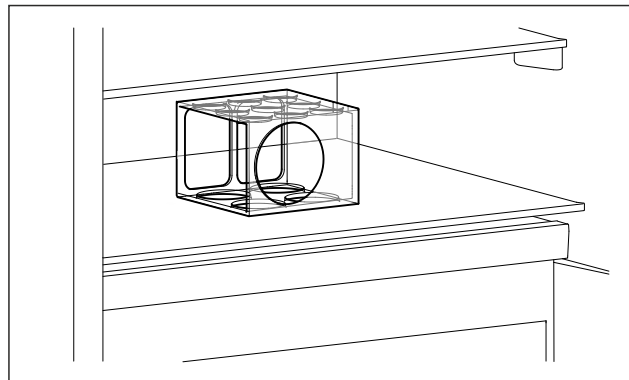


Fig. 74 Example illustration

- Place FlexCube on shelf.
- Sort small parts into the FlexCube for storage.

9 Maintenance

9.1 FreshAir carbon filter

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

It guarantees the best air quality.

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

Note

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

9.1.1 Removing the FreshAir carbon filter

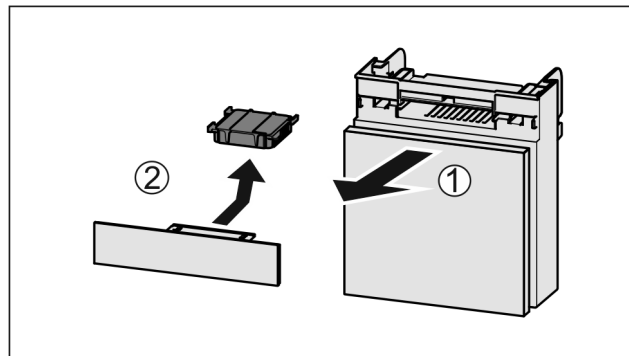


Fig. 75

- Pull out the compartment Fig. 75 (1).
- Remove the carbon filter Fig. 75 (2).

9.1.2 Inserting the FreshAir carbon filter

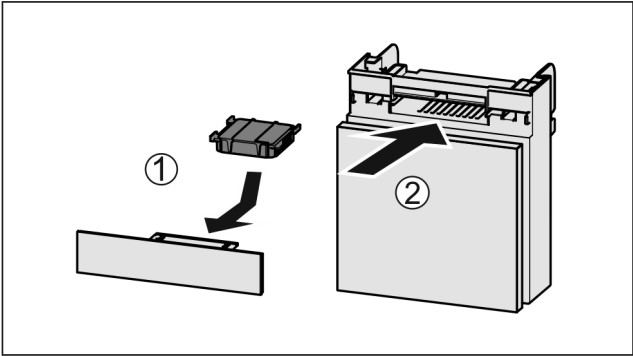


Fig. 76

- Insert the carbon filter as shown in the diagram Fig. 76 (1).
- The carbon filter clicks into place.
If the carbon filter is pointing downwards:
- Push the compartment in Fig. 76 (2).
- The carbon filter is now ready for use.

9.2 Disassembling / assembling pull-out systems

9.2.1 Notes on disassembly

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

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

Pull-out system	can be disassembled / cannot be disassembled
Full extension drawer in telescopic unit	can be disassembled
Telescopic unit	can be disassembled (see 9.2.2 Telescopic unit)

9.2.2 Telescopic unit

The drawers, fruit and vegetable box, compartment dividers and large bin can be removed for cleaning.

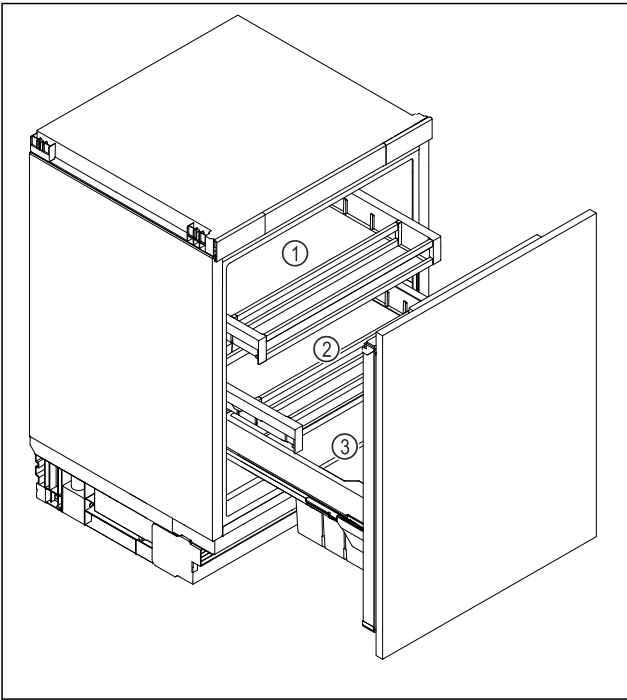


Fig. 77 Example illustration

- (1) Top drawer with compartment divider
- (2) Bottom drawer with compartment divider
- (3) Container with fruit and vegetable box and compartment divider

Removing the drawer

Remove the individual drawers in the telescopic unit in the same way.

Ensure that the following requirements are met:

- Drawer is emptied.
- Telescopic unit is pulled out as far as it will go.

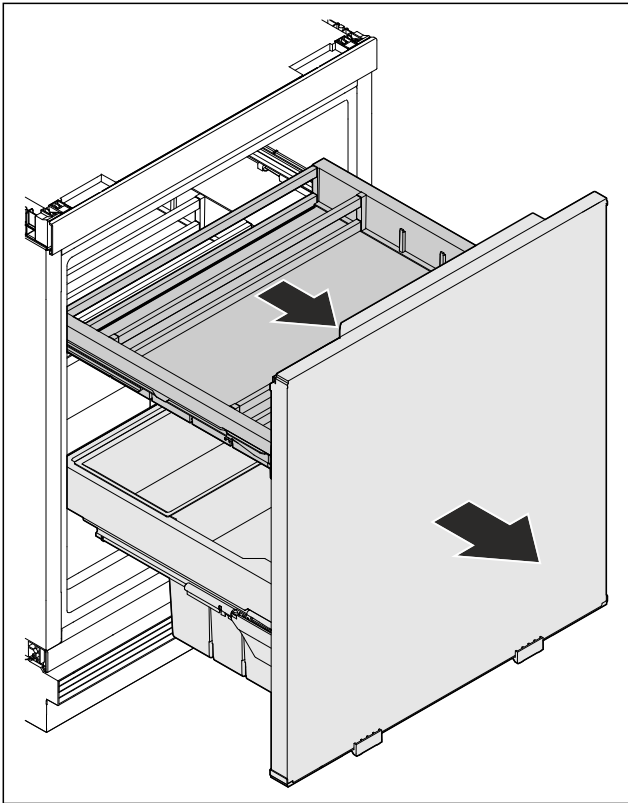


Fig. 78 Example illustration

Maintenance

- Pull the drawer out as far as it will go.

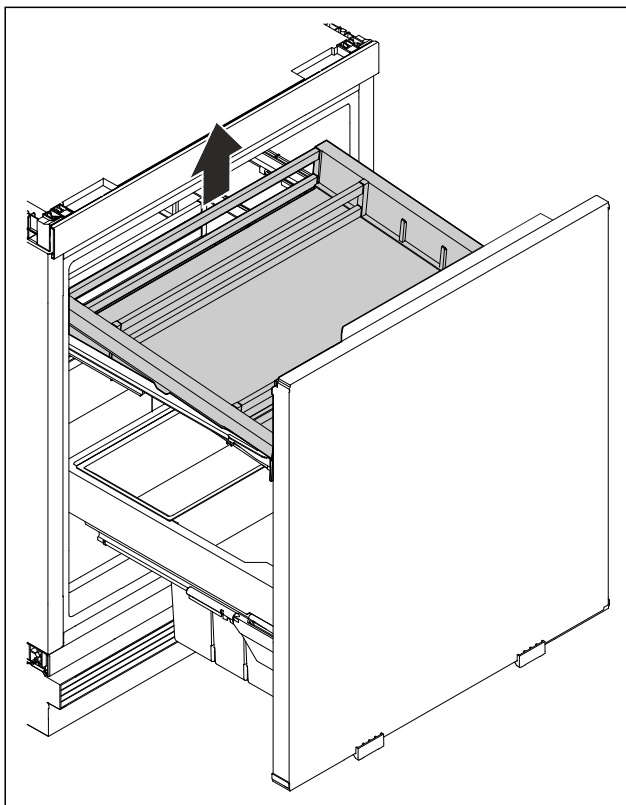


Fig. 79 Example illustration

- Pull the rear drawer up.
- Drawer detaches from the rails.

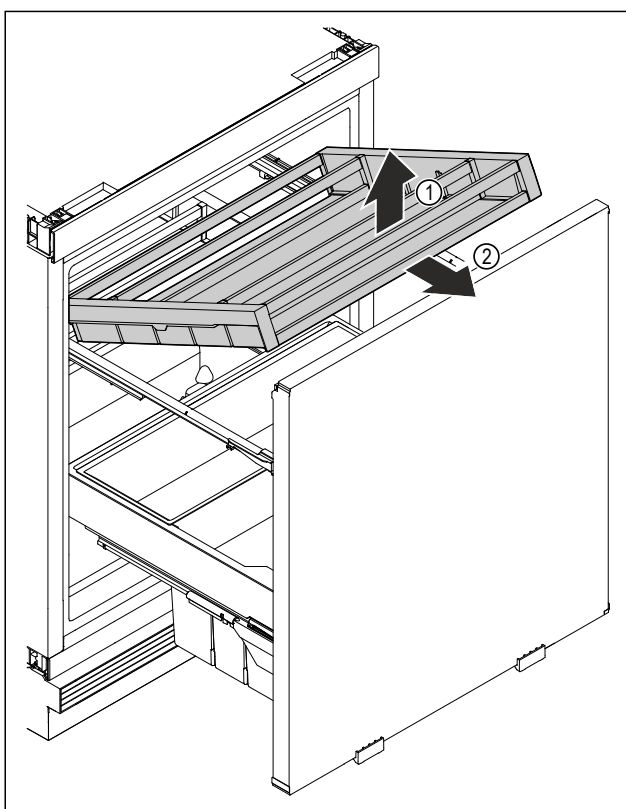


Fig. 80 Example illustration

- Pull the drawer out forwards at an angle.
- The drawer has been removed.

Removing the compartment dividers

You can move the individual compartment dividers in the telescopic unit in the same way.

Ensure that the following requirements are met:

- ☐ Telescopic unit is pulled out as far as it will go.
- ☐ Drawer is pulled out or removed.

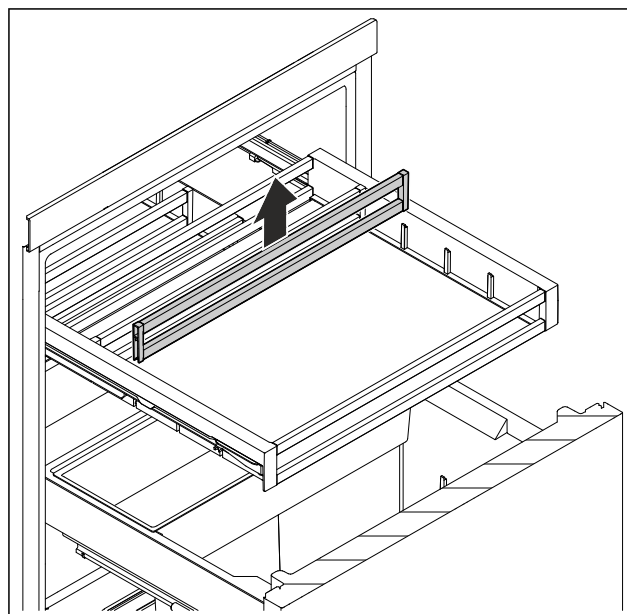


Fig. 81 Example illustration

- Remove the compartment divider upwards.

Removing the fruit and vegetable box

Ensure that the following requirements are met:

- ☐ Lower telescopic unit is pulled out as far as it will go.
- ☐ Drawers are pushed in.

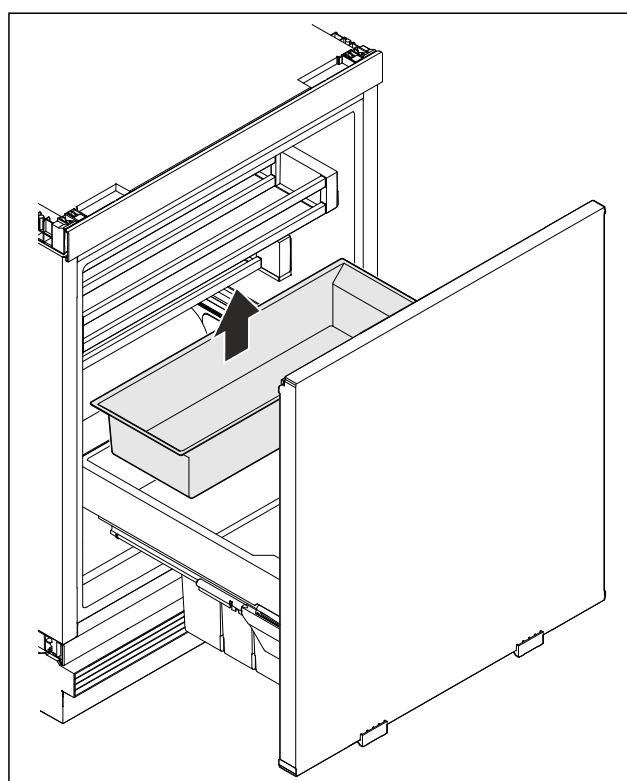


Fig. 82 Example illustration

- Remove the fruit and vegetable box upwards.

Removing the container

Ensure that the following requirements are met:

- ☐ Lower telescopic unit is pulled out as far as it will go.

- ❑ Drawers are pushed in.
- ❑ Fruit and vegetable box is removed.

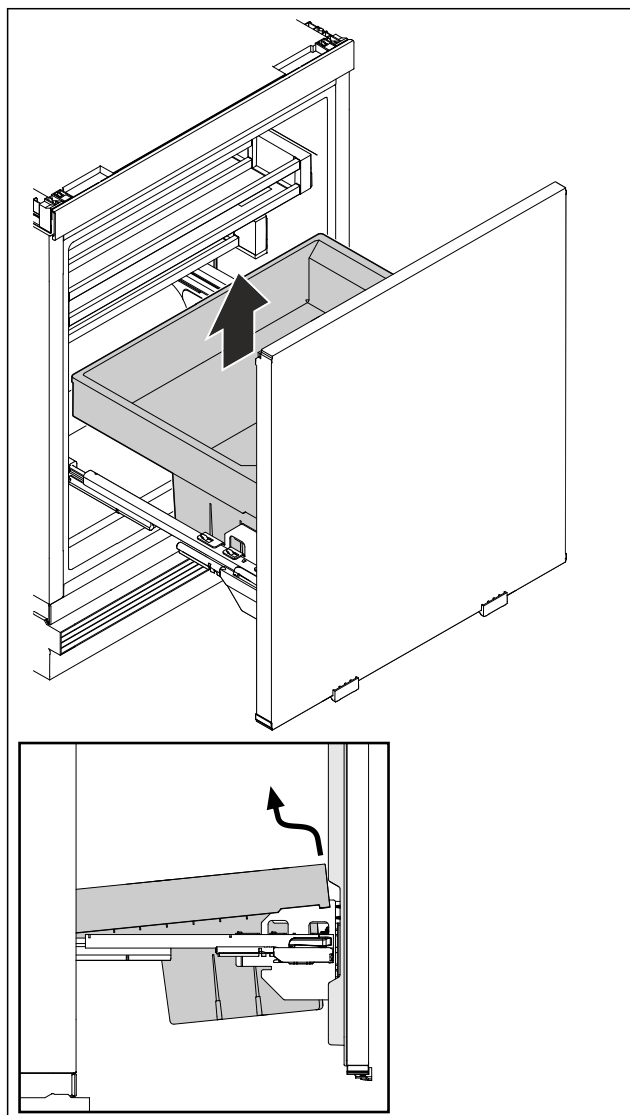


Fig. 83 Example illustration

- Lift the container forwards.
- Remove the container diagonally upwards.

Inserting the container

Ensure that the following requirements are met:

- ❑ Lower telescopic unit is pulled out as far as it will go.
- ❑ Drawers are pushed in.

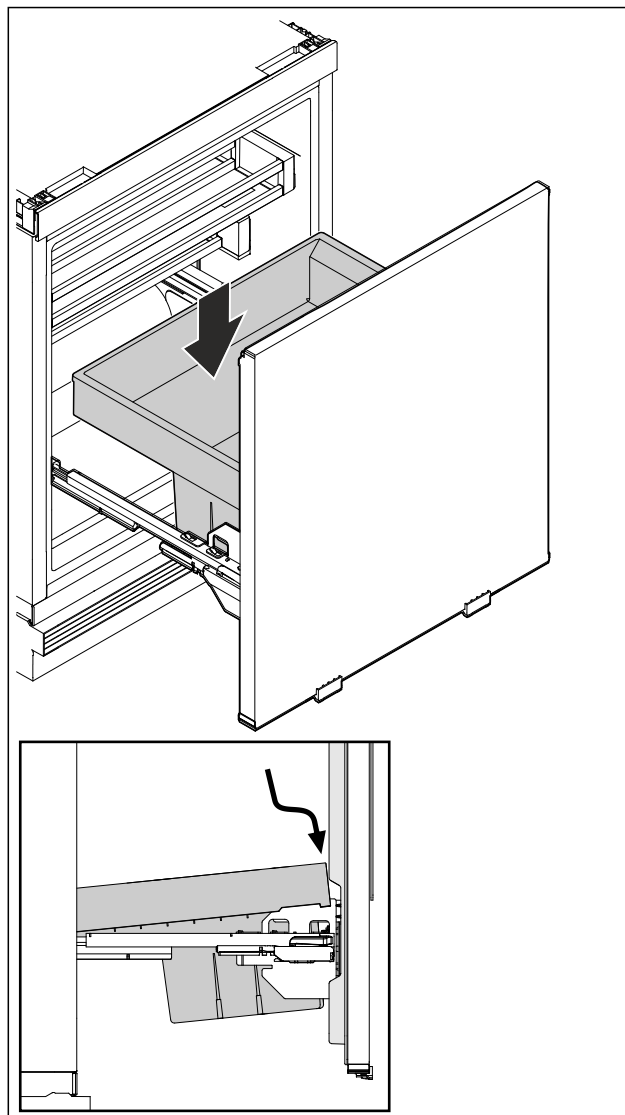


Fig. 84 Example illustration

- Place the container at the rear on the rails on the right and left.
- Lower the front of the container so that the container encloses the rails on the right and left.
- Container is firmly seated in the telescopic unit.

Inserting the fruit and vegetable box

Ensure that the following requirements are met:

- ❑ Lower telescopic unit is pulled out as far as it will go.
- ❑ Drawers are pushed in.
- ❑ The container has been inserted.

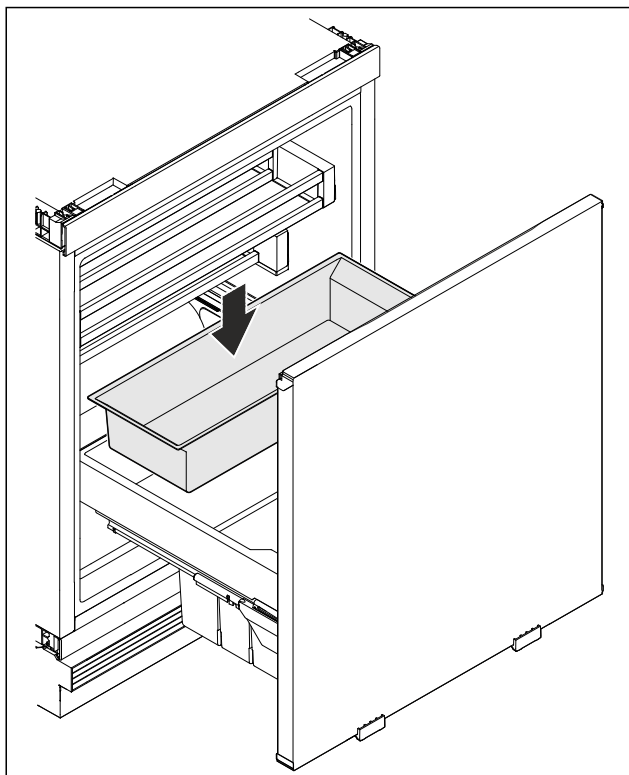


Fig. 85 Example illustration

- Insert the fruit and vegetable box from above.

Inserting the drawer

Insert the individual drawers in the telescopic unit in the same way.

Ensure that the following requirements are met:

- ☐ Telescopic unit is pulled out as far as it will go.

NOTICE

Risk of damage due to incorrectly inserted drawer!
Damage to the fan in the appliance. If you do not insert the top drawer correctly, the drawer may hit the appliance's fan when you close the telescopic unit.

- Insert the top drawer as instructed.

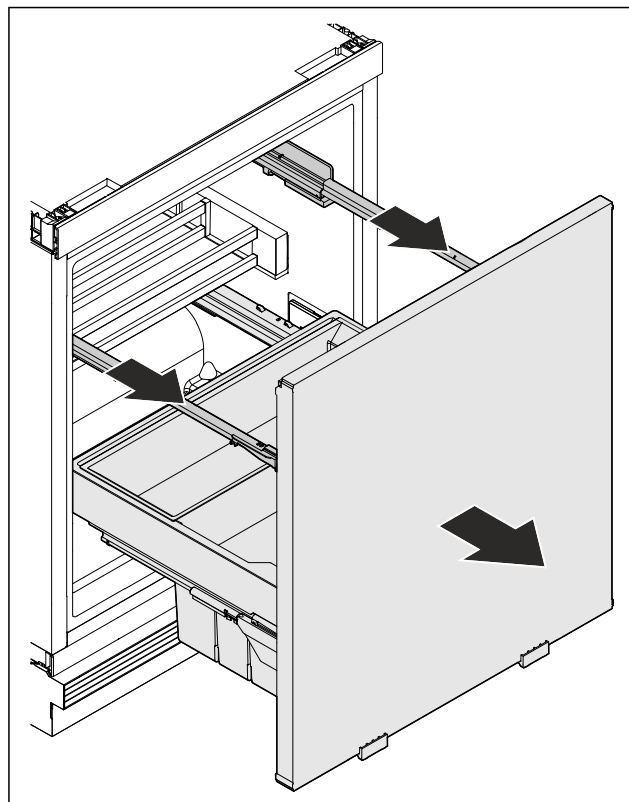


Fig. 86 Example illustration

- Pull out the rails.

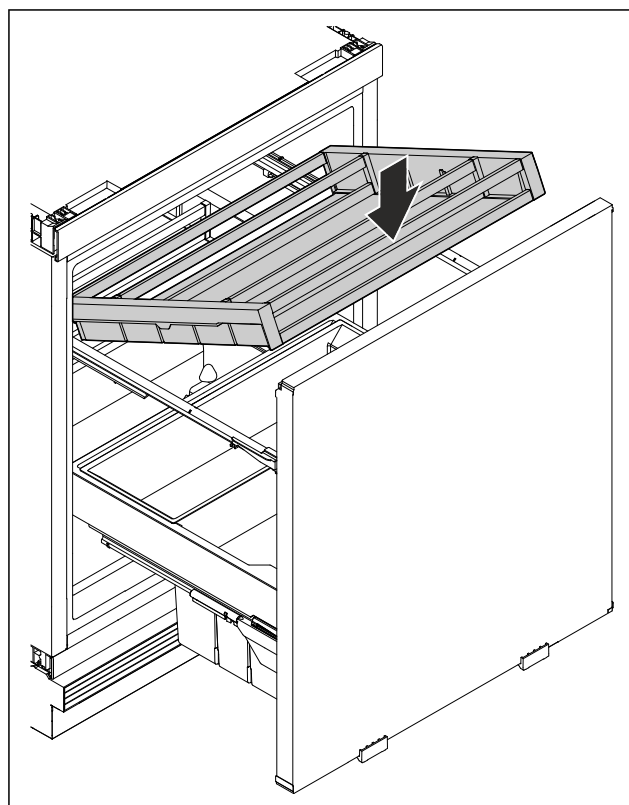


Fig. 87 Example illustration

- Place the drawer on the rails from above and behind at an angle.
- Lower the drawer forwards.
- Push the drawer down forwards.
- The drawer locks in.

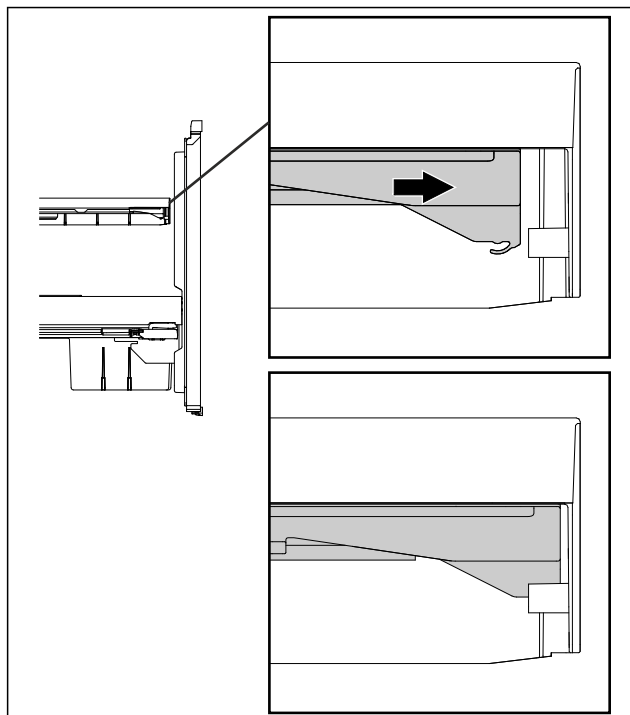


Fig. 88 Example illustration

- Push the drawer as far as it will go towards the front of the telescopic unit.
- Push in the drawer carefully.

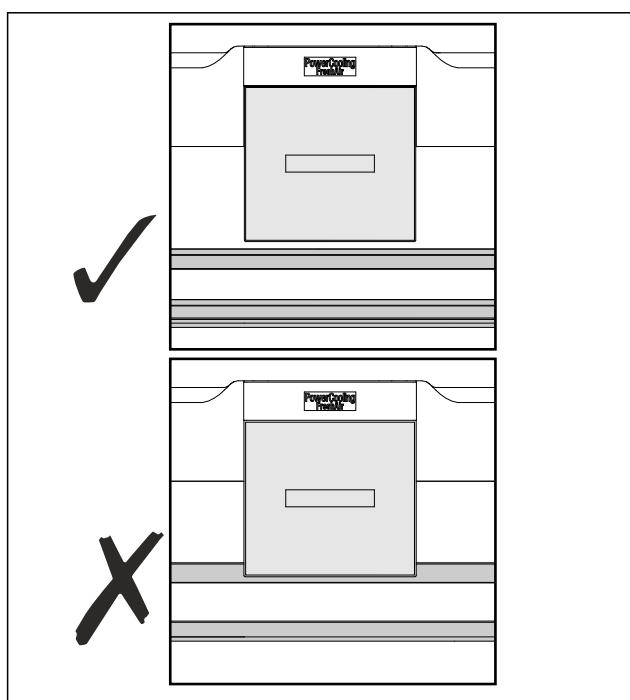


Fig. 89 Example illustration: Fan and drawer rails in the interior of the appliance

- Check that the rear rail has sufficient clearance under the fan when the top drawer is pushed in.

9.3 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)

9.4 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).

Customer help

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:

- 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:

- Egg rack
- Butter dish
- FlexCube
- ▶ 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

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

Defect	Cause	Remedy
The appliance is not working.	→ The appliance is not switched on.	▶ Switch the appliance on.

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
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 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.
	→ 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)
	→ 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.

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.

□ 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 type plate is located on the bottom inside of the machine.

10.4.1 Contacting Customer Service

Make sure that the following appliance information is available:

□ Appliance name (model and index)

Shutting down

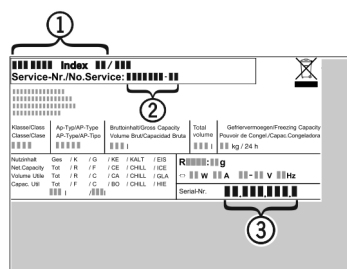


Fig. 90

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

11 Shutting down

- Empty the appliance.
- Switch off appliance. (see Switching the appliance off and on)
- Pull the mains plug out of the socket.
- Remove the IEC socket if required: Pull the IEC socket out of the appliance plug and move it to the left and right at the same time.
- Clean appliance. (see 9.4 Cleaning the appliance)
- Leave the door open, so that no unpleasant odours arise.

12 Disposal

12.1 Preparing appliance for disposal



Li-Ion

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

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

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

12.2 Disposing of the appliance in an environmentally friendly manner



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



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.



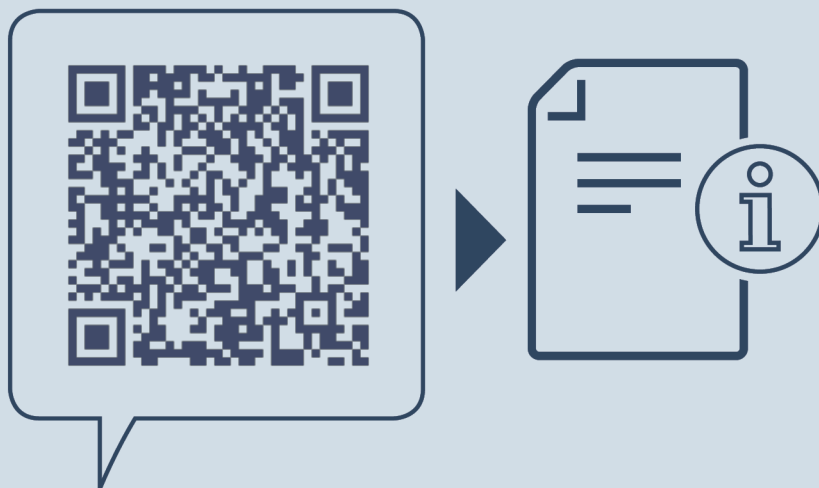
WARNING

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.



home.liebherr.com/fridge-manuals

EN base unit fridges and freezers, pull-out trolley

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