

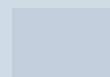


User Guide

Quality, Design and Innovation



home.liebherr.com/fridge-manuals



LIEBHERR

1	Appliance at a glance.....	3
1.1	Scope of delivery.....	3
1.2	Overview of appliances and equipment.....	3
1.3	SmartDevice.....	3
1.4	Appliance range of use.....	3
1.5	Conformity.....	4
1.6	SVHC substances according to REACH regulation.....	4
1.7	EPREL database.....	4
2	General safety instructions.....	4
3	Functionality of the Touch & Swipe display.....	5
3.1	Navigation and symbol explanation.....	5
3.2	Menus.....	6
3.3	Sleep mode.....	6
4	Putting into operation.....	7
4.1	Switching on appliance (first use).....	7
4.2	Starting the EasyTwist-Ice for the first time.....	7
5	Storage.....	7
5.1	Information regarding storage.....	7
5.2	Freezer compartment.....	7
5.3	Storage times.....	8
6	Saving energy.....	8
7	Controls.....	8
7.1	Controls and displays.....	8
7.1.1	Status display.....	8
7.1.2	Display symbols.....	8
7.2	Appliance functions.....	9
7.2.1	Notes on the appliance functions.....	9
	Turn off appliance.....	9
	WiFi.....	9
	Temperature.....	10
	Temperature unit.....	10
	SuperFrost.....	10
	PartyMode.....	10
	SabbathMode.....	11
	EnergySaver.....	11
	Status light (status display).....	12
	Display brightness.....	12
	Door alarm.....	12
	Entry lock.....	12
	Language.....	12
	Info.....	13
	Demo mode.....	13
	Reset.....	13

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.

Fig. Example illustration

Symbol	Explanation
	Videos Videos about the appliances are available on the YouTube channels of Liebherr-Hausgeräte.

These operating instructions apply to:

FN..	46..i
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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:

- Standalone 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

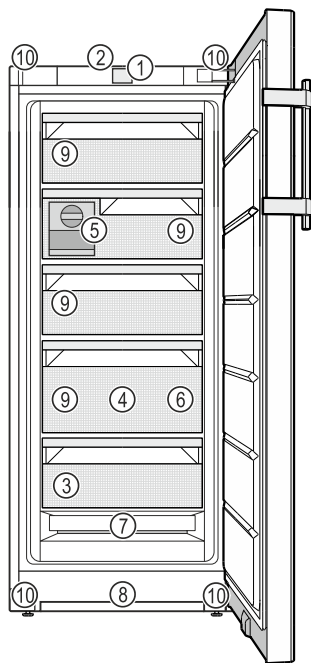


Fig. 1 Example illustration

- | | |
|---|--|
| (1) Controls | (6) Freezer tray, cold storage accumulator |
| (2) Lighting, status light (status display) | (7) NoFrost |
| (3) Type plate | (8) Ventilation slit |
| (4) SpaceBox | (9) VarioSpace |
| (5) EasyTwist-Ice | (10) Adjustable feet (front), transport castors (rear), transport handles at the |

top (rear) and at the bottom (front)

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 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 as a built-in unit.

All other types of use are not permitted.

Foreseeable misuse

General safety instructions

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

If your appliance does not have a fixed water connection, then the appliance is guaranteed to function correctly down to a lower ambient temperature of -15 °C.

1.5 Conformity

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

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 assemble, connect and dispose of the appliance according to the instructions.

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.

4 Putting into operation

4.1 Switching on appliance (first use)

Make sure that the following requirements are fulfilled:

- ☐ The appliance has been installed and connected in accordance with the installation instructions.
- ☐ All adhesive strips, adhesive and protective films and transport locks are removed from inside and on the appliance.
- ☐ All marketing leaflets are removed from the drawers.
- ☐ You are familiar with the functionality of the Touch & 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.

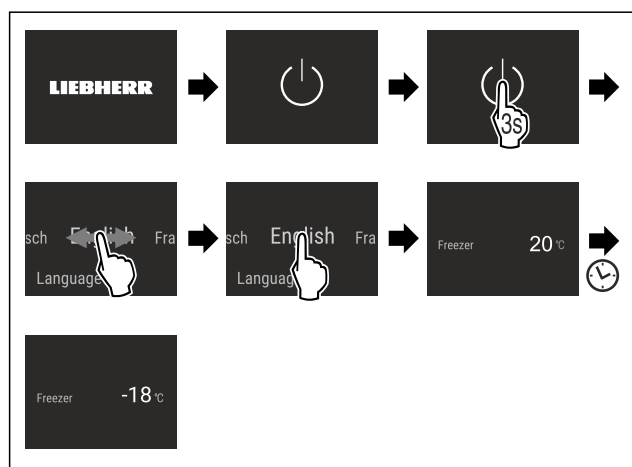


Fig. 5 Example illustration

- ▶ 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:

- When you start up the appliance, the **status light** (status display) is deactivated by default. Activate the status light. (see Status light (status display))
- Start the EasyTwist-Ice for the first time. (see 4.2 Starting the EasyTwist-Ice for the first time)
- Start the SmartDevice for the first time. (see 1.3 Smart-Device) 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.

4.2 Starting the EasyTwist-Ice for the first time

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

Make sure that the following requirements are fulfilled:

- ☐ The appliance is properly connected.
- ▶ Clean the EasyTwist-Ice. (see 9.3.5 Cleaning the EasyTwist-Ice)
- ▶ Fill the water tank.

5 Storage

5.1 Information regarding storage



WARNING

Risk of fire

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

Note

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

- ▶ Always keep air slots clear.

Observe the following specifications for storage:

- Keep the air vents on the inside of the rear wall free.
- Keep the air vents on the fan free.
- 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.

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 how much food you have to freeze, you can activate SuperFrost (see SuperFrost) before freezing to achieve lower freezing temperatures.

- ▶ 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:

Saving energy

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

Arranging your food properly



CAUTION

Risk of injury from broken glass!

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

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

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

5.2.2 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 the fridge compartment
- 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, next to an oven, radiator or similar.
- 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

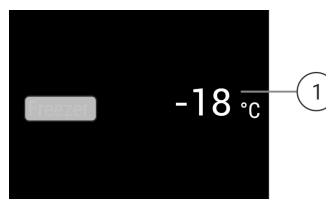


Fig. 6

(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.

Symbol	Appliance status
	Flashing number Appliance is working. Temperature flashes until the set temperature is reached.
	
	Flashing symbol Appliance is working. Setting is made.
	

7.2 Appliance functions

7.2.1 Notes on the appliance functions

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

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

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

Turn off appliance

This setting turns off the whole appliance.

Switching off the entire appliance



Fig. 7

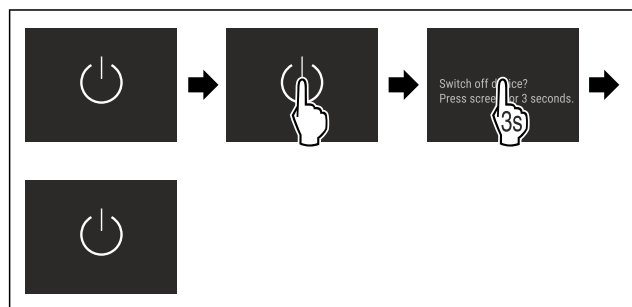


Fig. 8

- ▷ Off: Display goes black.

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.

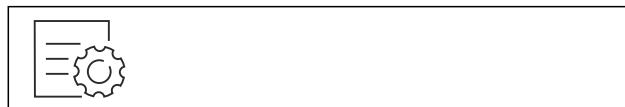


Fig. 9

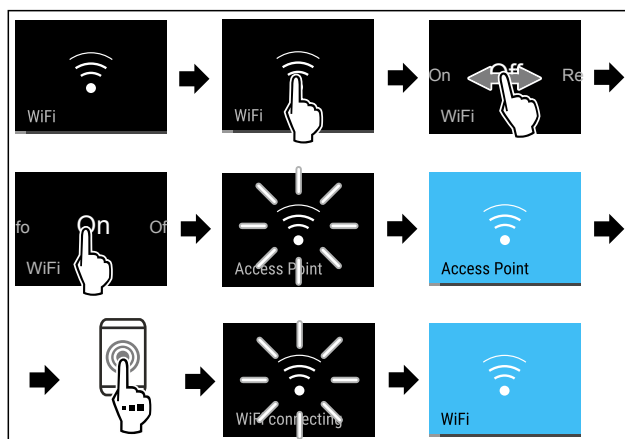


Fig. 10

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

Disconnecting from the WiFi



Fig. 11

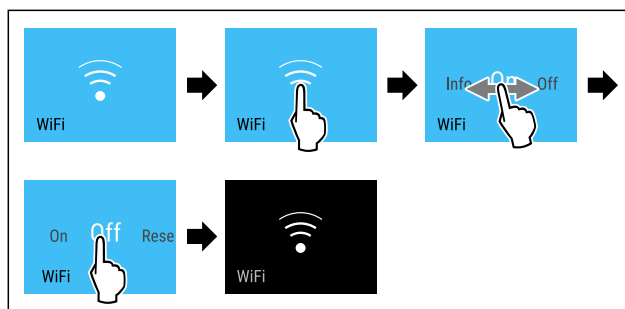


Fig. 12

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

Resetting the WiFi connection



Fig. 13

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

► Carry out action steps according to the illustration.

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

SabbathMode

With this function you can activate or deactivate the SabbathMode. If you activate this function, some electronic functions will be switched off. This allows your appliance to meet religious requirements on Jewish holidays such as the Sabbath and comply with STAR-K Kosher certification.

Appliance status with active SabbathMode
The status display continuously shows SabbathMode.
All functions in the display except the Deactivate SabbathMode function are locked.
Active functions remain active.
The display stays lit when you close the door.
The interior lighting is off.
Reminders are disabled. The set time intervals are paused.
Reminders and warnings are not displayed.
There is no door alarm.
There is no temperature alarm.
The defrost cycle only works for the specified time without taking account of appliance use.
After a power failure, the appliance returns to SabbathMode.

Appliance status

Note

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

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

Activating SabbathMode



WARNING

Danger of 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.

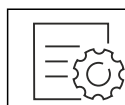


Fig. 18

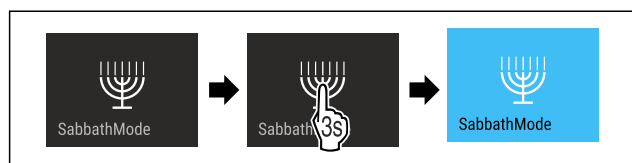


Fig. 19

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

Deactivating SabbathMode

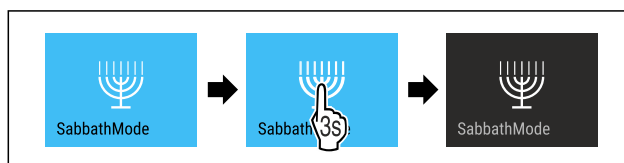


Fig. 20

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



EnergySaver

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

Temperature zone	Recommended setting	Temperature when EnergySaver activated
-18 °C	-18 °C	-16 °C

Temperatures

Activating EnergySaver

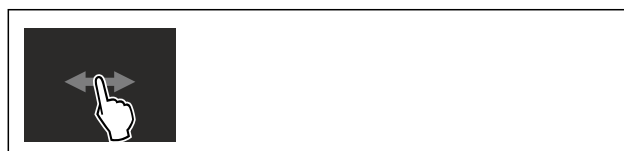


Fig. 21

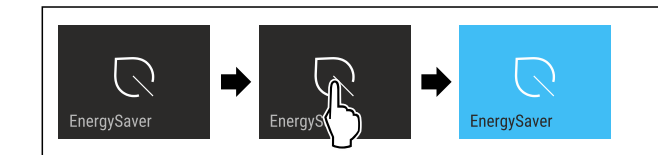


Fig. 22

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

Deactivating EnergySaver



Fig. 23

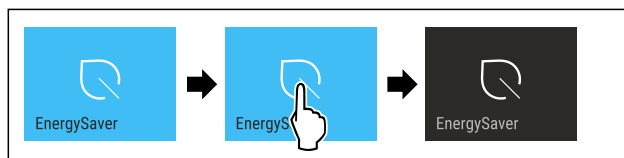


Fig. 24

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

Controls



Status light (status display)

This function activates and deactivates the status light (status display). When you start up the appliance, the status light is deactivated by default. After you have activated the status light, the colour of the light indicates the status of the appliance when the door is closed. When the door is open, the status light is inactive.

Status light	Status of the appliance
Blue light	The appliance is working perfectly.
Red, pulsating light	Power failure (see Power cut)
Audible signal	Temperature alarm (see Temperature alarm)
	Error (see Error)

Meaning of the colour of the status light

Activating the status light



Fig. 25

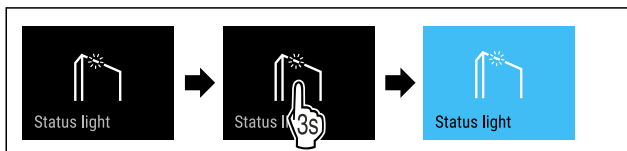


Fig. 26

► Carry out action steps according to the illustration.

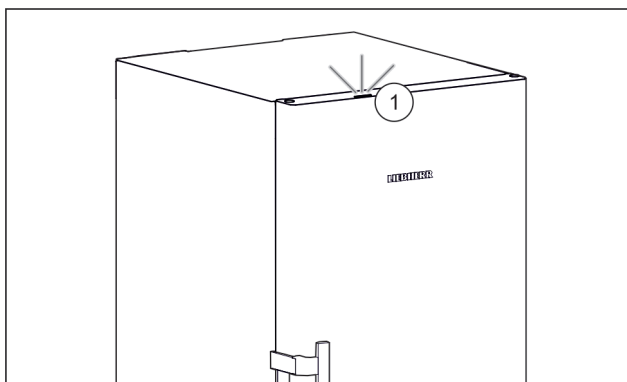


Fig. 27 Active status light when the door is closed

- Status light Fig. 27 (1) is activated.
- The status light lights up blue or red when the door is closed.

Deactivating the status light



Fig. 28

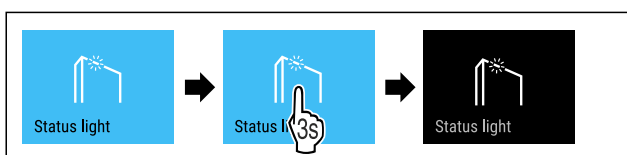


Fig. 29

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



Display brightness

Set the brightness level of the display.

You can set the following brightness levels:

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

Choose the setting

► Set the level .



Door alarm

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

The options are as follows:

- 1 min
- 2 min
- 3 min
- Off

Choose the setting

► Set the time (see 7.3 Fault messages) .



Entry lock

This setting prevents unintentional use of the appliance, e.g. by children.

Use:

- Avoid settings being changed unintentionally.
- Avoid the appliance being switched off unintentionally.
- Avoid the temperature being changed unintentionally.

Activating/deactivating settings

► Activating/deactivating.



Language

This setting lets you choose the language of the display.

Choose from the following languages:

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

Activating/deactivating settings

► Activating/deactivating .



Info

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

It provides the following information:

- Model name
- Index
- Serial number
- Service number

Show appliance data

- Swipe in the display until Settings appears.
- Confirm the display.
- Swipe in the display until About appears.
- Read the appliance info.



Demo mode

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

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

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

Activating demo mode



Fig. 30

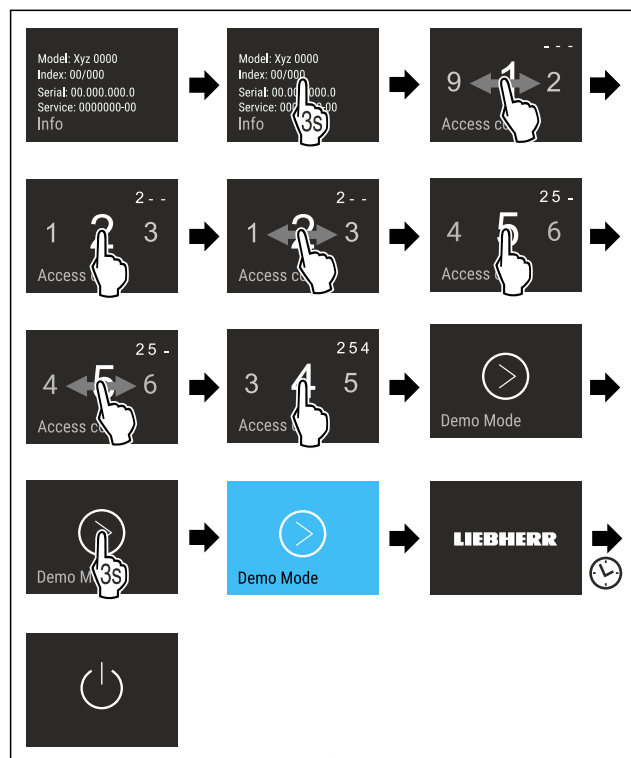


Fig. 31

- 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

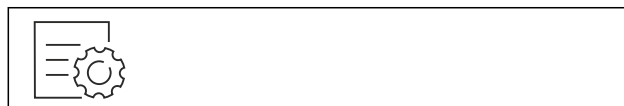


Fig. 32

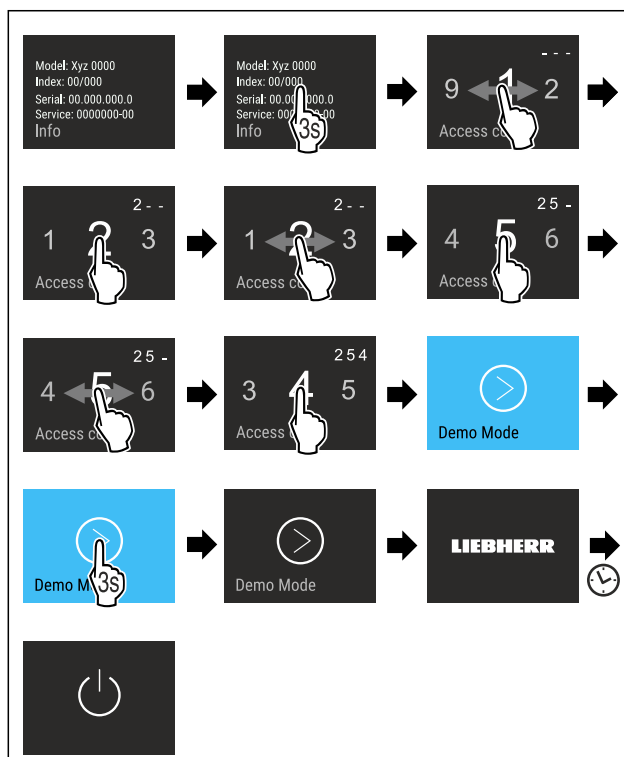


Fig. 33

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



Reset

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

Activating the setting

- Activate .

7.3 Fault messages

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

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

Features

7.3.1 Warnings



Close the door

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

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

► Stop alarm: Confirm the message.

-or-

► Close the door.



Power cut

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

► Stop alarm: Confirm the message.

▷ Temperature alert appears (see Temperature alarm) .



Temperature alarm

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

Variations in temperature could be because:

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

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

► Confirm the display.

▷ The highest temperature is shown.

► Confirm display again.

▷ The status display is displayed.

▷ The current temperature is shown.



Error

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

► Open the door.

► Note down the fault code.

► Confirm the message.

▷ The signal tone stops.

▷ The status display appears.

► Close the door.

► Contact customer service. (see 10.4 Customer Service)

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 moulded rib

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

Removing drawer

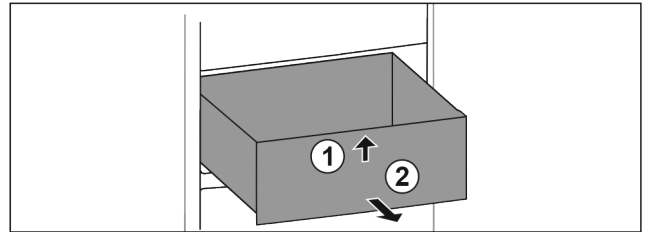


Fig. 34

► Pull out drawer as far as it will go.

► Lift up drawer at the front. Fig. 34 (1)

► Remove drawer to the front. Fig. 34 (2)

Inserting drawer

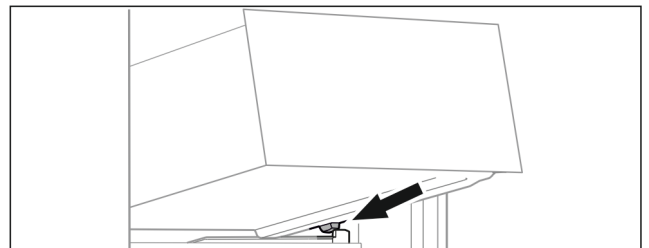


Fig. 35

► Place drawer at an angle behind the stoppers on the moulded rib. (see Fig. 35)

► Lower drawer.

► Slide in drawer to the back.

8.1.2 Bottom drawer

The drawer is the lowest drawer in the appliance. It runs directly on the moulded rib. There are no rails.

Removing drawer

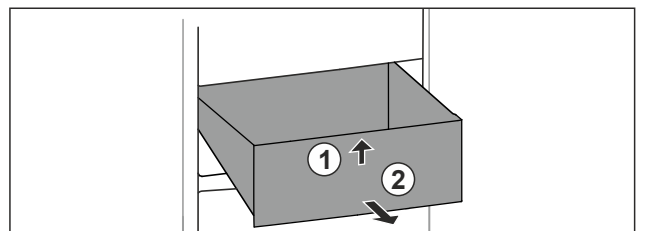


Fig. 36

► Pull out drawer as far as it will go.

► Lift up drawer at the front. Fig. 36 (1).

► Remove drawer to the front. Fig. 36 (2).

Inserting drawer

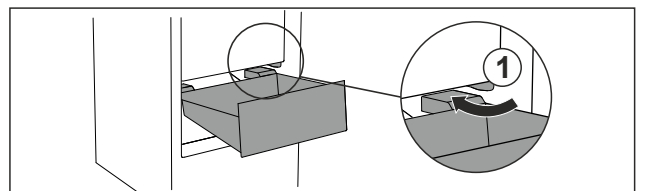


Fig. 37

► Guide drawer in at an angle around the stoppers Fig. 37 (1).

► Lower drawer.

► Slide in drawer to the back.

8.2 EasyTwist-Ice

With the EasyTwist-Ice you can make enough ice cubes for the whole household. The EasyTwist-Ice is supplied with water via a water tank.

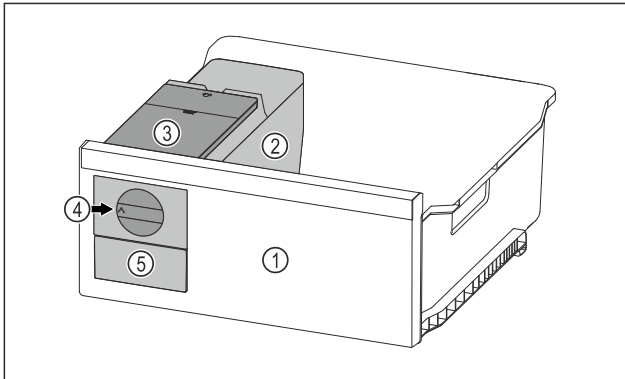


Fig. 38 Example illustration

- (1) Freezer drawer with EasyTwist-Ice
- (2) Body with ice cube tray
- (3) Water tank
- (4) Rotary knob
- (5) Ice cube drawer

Note

Do not change the position of the freezer drawer with the EasyTwist-Ice in the appliance.

8.2.1 Making ice cubes

The amount of ice cubes you can make in a given period of time with the EasyTwist-Ice depends on the freezer temperature of the appliance. The lower the temperature in the appliance, the more ice cubes you can make.

Maximum number of ice cubes in the ice cube tray:	20 ice cubes
Maximum capacity of the ice cube drawer:	40 ice cubes (equivalent to two ice cube batches)
More information about the time needed for ice cube production:	(see 10.1 Technical specifications)

Make sure that the following requirements are fulfilled:

- ☐ Components of the EasyTwist-Ice have been cleaned. (see 9.3.5 Cleaning the EasyTwist-Ice)

Filling the water tank



WARNING

Risk of poisoning due to contaminated water!
► Only fill the water tank with potable water.

NOTICE

Sugar-content liquids!
Damage to EasyTwist-Ice.
► Only fill with cold drinking water.

Note

Using filtered, decarbonised water ensures the best-tasting drinking water for your ice cubes. This water quality can be achieved using a table water filter of the kind available in trade retail outlets.
► Always fill the water tank only with filtered, decarbonised drinking water.

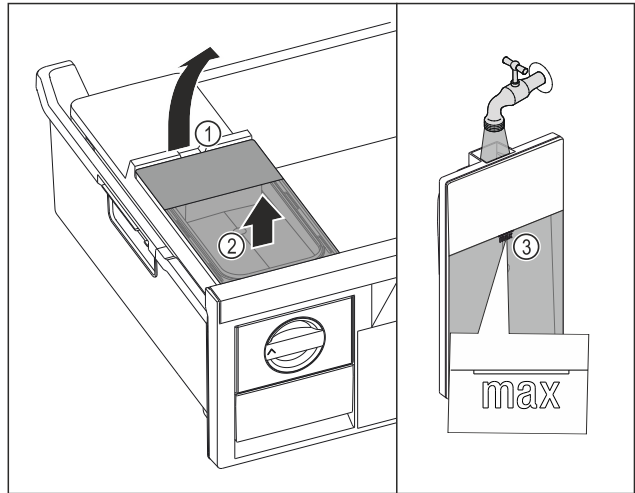


Fig. 39

- Pull out freezer drawer as far as it will go.
- Lift the water tank at the recess Fig. 39 (1).
- Remove the water tank by lifting it upwards. Fig. 39 (2)
- Fill the water tank with drinking water up to the mark Fig. 39 (3).

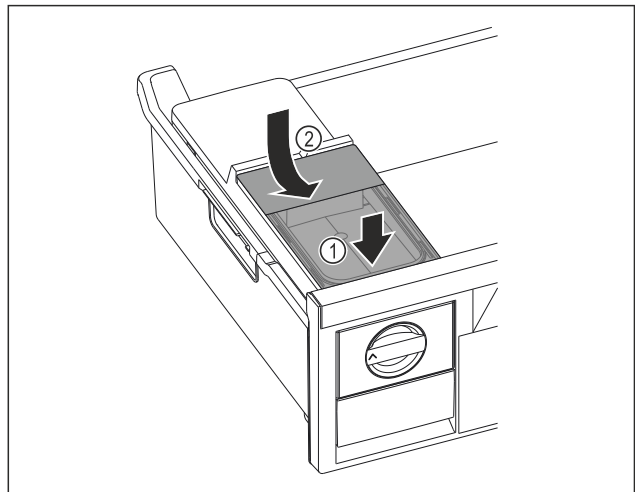


Fig. 40

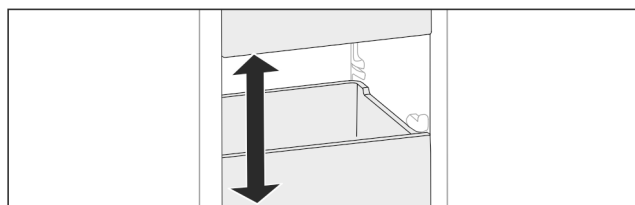
- Position the water tank at the front. Fig. 40 (1)
- Lower the water tank at the rear. Fig. 40 (2)
- Slide in the freezer drawer.

Releasing the ice cubes

Make sure that the following requirements are fulfilled:

- ☐ The required time for the production of ice cubes has been observed. (see 10.1 Technical specifications)
- ☐ Freezer drawer is fully inserted.
- ☐ Ice cube drawer is fully inserted.
- Turn the rotary knob Fig. 38 (4) clockwise as far as it will go.
- Ice cubes fall from the ice cube tray into the ice cube drawer Fig. 38 (5).
- If all the ice cubes do not come out of the ice cube tray:
- Turn the rotary knob clockwise several times to the stop.

8.3 VarioSpace



Maintenance

Fig. 41

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

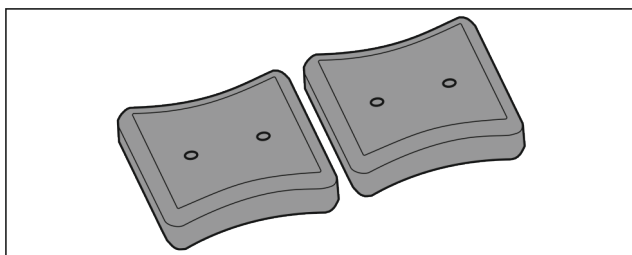


Fig. 42

When the freezer packs are fully frozen:

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

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 moulded rib	can be disassembled (see 9.1.2 Drawer on moulded rib)
Bottom drawer	cannot be disassembled

9.1.2 Drawer on moulded rib

Disassembling pull-out system

Make sure the following prerequisites are met:

☐ Drawer has been removed. (see 8.1.1 Drawer on moulded rib)

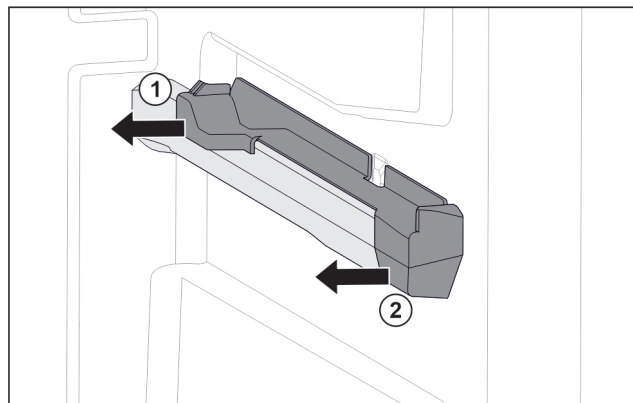


Fig. 43 Attachment on the right moulded rib

► Grab attachment at the back from below.

► Pull off attachment at the back sideways. Fig. 43 (1)

► Pull off attachment at the front sideways. Fig. 43 (2)

Installing pull-out system

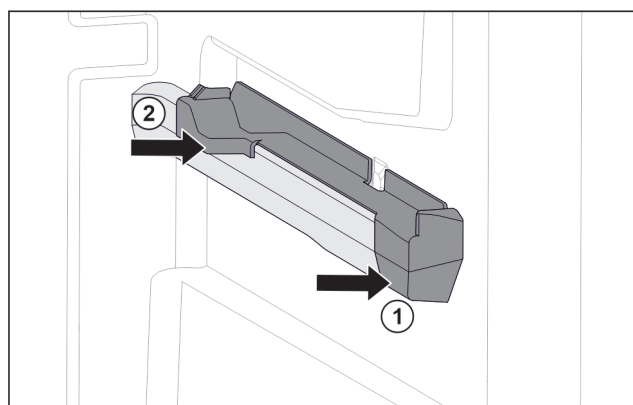


Fig. 44 Attachment on the right moulded rib

► Position attachment on moulded rib at the front. Fig. 44 (1)

► Press on attachment at the back. Fig. 44 (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 need to be defrosted.

Note

Water droplets may collect on the bottom of the appliance. When you take the appliance out of operation:

► Place a towel in front of the appliance to catch any drops of water that may run out. (see 11 Shutting down)

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 Clean the housing

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.



WARNING

Risk of injury and damage as a result of hot steam!

Hot steam can lead to burns and can damage the surfaces.

- ▶ Do not use any steam cleaners!

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

9.3.3 Cleaning the interior

NOTICE

Improper cleaning!

Damage to the appliance.

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

9.3.4 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
- Components of the EasyTwist-Ice
- ▶ To disassemble components: see the relevant section.
- ▶ Clean the components.

9.3.5 Cleaning the EasyTwist-Ice

Cleaning is required in the following cases:

- ☐ Initial operation

- ☐ Disuse for more than 48 hours
- ☐ The appliance requires cleaning.

In the case of initial operation, longer periods of disuse or the appliance requiring cleaning

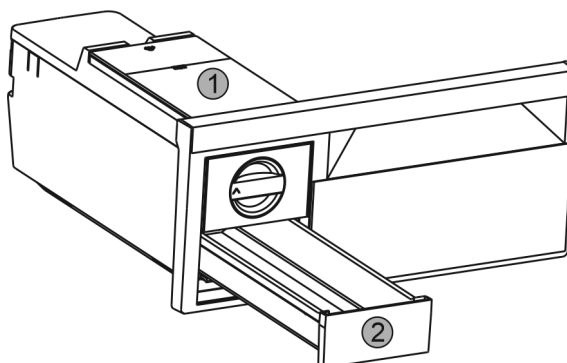


Fig. 45

- ▶ Take out the water tank Fig. 45 (1) and ice cube drawer Fig. 45 (2).
- ▶ Take out the freezer drawer with EasyTwist-Ice.

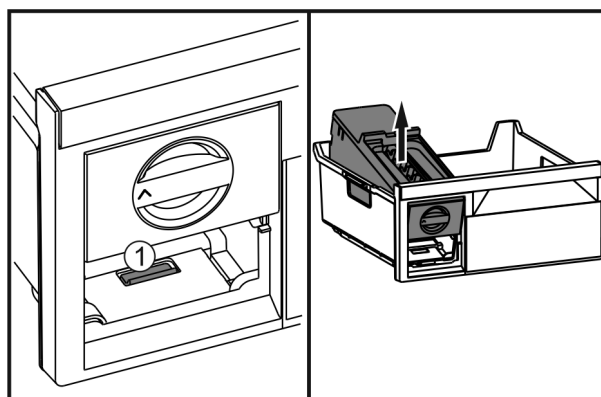


Fig. 46

- ▶ Press the lug Fig. 46 (1), lift up the EasyTwist-Ice at the rear and take it out of the freezer drawer.

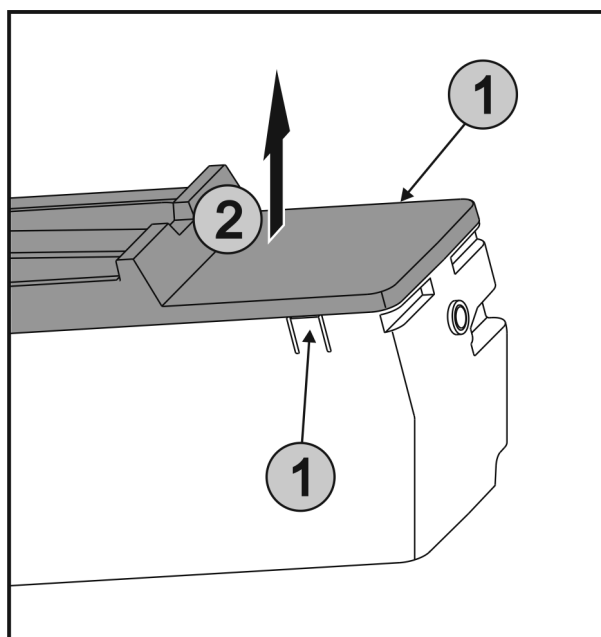


Fig. 47

- ▶ Press the lugs Fig. 47 (1) on both sides of the EasyTwist-Ice simultaneously and take off the lid Fig. 47 (2) to the top.

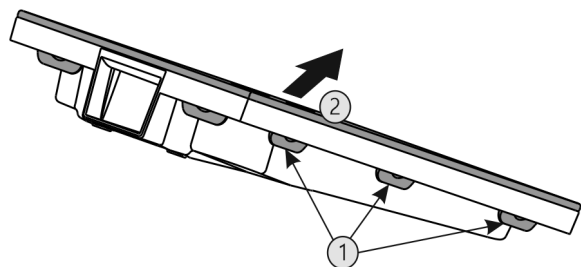


Fig. 48

- ▶ Press all lugs Fig. 48 (1) in succession and remove the lid Fig. 48 (2).
- ▶ Clean the ice cube drawer, water tank and EasyTwist-Ice with warm water and a little detergent.
- ▶ Assemble the EasyTwist-Ice.

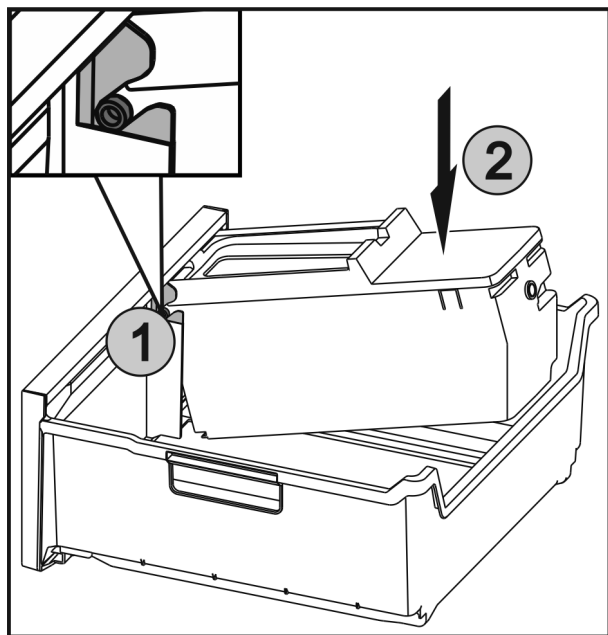


Fig. 49

- ▶ Push the axles Fig. 49 (1) on the EasyTwist-Ice into the guides and push the rear side Fig. 49 (2) until the lugs engage.
- ▶ Push in the EasyTwist-Ice drawer.



WARNING

- Risk of poisoning due to contaminated water!
- ▶ Only fill the water tank with potable water.

- ▶ Fill the water tank with water and insert it.

With non-filtered water:

- ▶ Dispose of any ice cubes that were made within 24 hours of the first ice cubes that were produced.

With filtered water:

- ▶ Dispose of any ice cubes that were made within 48 hours of the first ice cubes that were produced.

9.3.6 After cleaning

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

10 Customer help

10.1 Technical specifications

Temperature range	
Freeze	-28 °C to -15 °C

Maximum freezing quantity/24 h		
Freezer compartment	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 moulded rib (see 8.1.1 Drawer on moulded rib)	14 kg	19 kg	19 kg
Bottom drawer (see 8.1.2 Bottom drawer)	--	11 kg	19 kg

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

Lighting	
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
Humming and rustling	The fan is running.	Normal operating noise
Clicking	Components are switched on and off.	Normal switching noise
Rattling or humming	Valves or flaps are working.	Normal switching noise
Faint knocking, humming or buzzing*	The valve is active.	Normal operating noise

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

10.3 Technical fault

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

You can fix the following faults yourself.

10.3.1 Appliance function

Defect	Cause	Remedy
The appliance is not working.	→ The appliance is not switched on.	► Switch the appliance on.
	→ The power plug is not properly plugged into the socket.	► Check the power plug.
	→ There is something wrong with the power outlet fuse.	► Check the fuse.
	→ Power cut	► Keep the appliance closed. ► Protecting food: Lay freezer packs on top of the food or use another freezer if the power is off for a prolonged period. ► Do not re-freeze defrosted food,
	→ The appliance plug does not fit the appliance properly.	► Check the appliance plug.
Temperature is not cold enough.	→ The appliance door is not closed properly.	► Close the appliance door.
	→ Not enough ventilation.	► Keep ventilation grille clear, and clean it.
	→ The ambient temperature is too high.	► 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 status display does not light up.	→ The status display is switched off.	► Turn on the status display (see Status light (status display)) .
	→ The door is open.	► Close the door.

Shutting down

Defect	Cause	Remedy
	→ The appliance is switched off.	► Switch the appliance on.
	→ LED is faulty.	► Contact Customer Service. (see 9 Maintenance)
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.
The appliance is hot to touch on the outside*.	→ The heat of the refrigeration circuit is used to avoid condensation.	► This is normal.

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 Info)

-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.

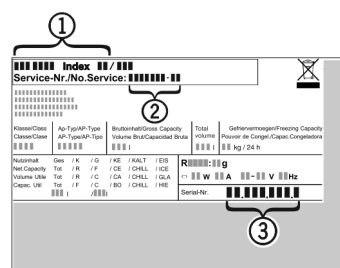


Fig. 50

- (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 Turn off appliance)
- Remove mains connector.
- Remove appliance connector if required: Remove and move from left to right at the same time.
- Place a towel in front of the appliance to catch any drops of water that may run out.
- Clean appliance. (see 9.3 Cleaning the appliance)

- ▶ Leave the door open to avoid bad smells building up.

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



home.liebherr.com/fridge-manuals

EN freezer

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