



User Guide

Quality, Design and Innovation


















home.liebherr.com/fridge-manuals



LIEBHERR

Contents

1	The appliance at a glance.....	3
1.1	Additional benefits.....	3
1.2	Delivered contents.....	3
1.3	Appliance and equipment overview.....	4
1.4	SmartDevice.....	4
1.5	Range of appliance use.....	4
1.6	Conformity.....	5
1.7	SVHC substances according to REACH regulation.....	5
2	General safety instructions.....	5
3	Start-up.....	8
3.1	Turning on the appliance.....	8
3.2	Insert the equipment.....	8
4	Food management.....	8
4.1	Storing food.....	8
4.2	Storage times.....	9
5	Energy saving.....	9
6	Use.....	10
6.1	Controls and displays.....	10
6.1.1	Status display.....	10
6.1.2	Navigation.....	10
6.1.3	Display symbols.....	10
6.2	Operating logic.....	10
6.2.1	Activating/deactivating settings.....	10
6.2.2	Selecting function value.....	11
6.2.3	Activating/deactivating settings.....	11
6.2.4	Selecting the setting value.....	11
6.2.5	Calling up the customer menu.....	11
6.3	Functions.....	12
	Turn off appliance.....	12
	WiFi.....	12
	Temperature.....	12
	Temperature unit.....	13
	SuperFrost.....	13
	PartyMode.....	13
	SabbathMode.....	13
	EnergySaver.....	14
	IceMaker / MaxIce.....	14
	Ice cubes.....	15
	TubeClean.....	15

	Display brightness.....	16
	Door alarm.....	16
	Entry lock.....	16
	Language.....	16
	Info.....	16
	Reminder.....	16
	Reset.....	16
6.4	Error messages.....	16
6.4.1	Warnings.....	17
6.4.2	Message.....	17
6.4.3	DemoMode.....	17
7	Equipment.....	17
7.1	Drawers.....	17
7.2	Pull-out board with IceTower.....	19
7.3	Glass shelves.....	21
7.4	IceMaker.....	21
7.5	VarioSpace.....	21
7.6	Accessories.....	21
8	Maintenance.....	22
8.1	Disassembling / assembling pull-out systems.....	22
8.2	Defrosting the appliance.....	23
8.3	Cleaning the appliance.....	23
9	Customer support.....	24
9.1	Technical specifications.....	24
9.2	Operating noises.....	25
9.3	Technical faults.....	25
9.4	Customer service.....	27
9.5	Rating plate.....	27
10	Decommissioning.....	27
11	Disposal.....	28
11.1	Preparing the appliance for disposal.....	28
11.2	Disposing of the appliance in an environmentally friendly manner.....	28






Congratulations on the purchase of your new appliance. With this purchase, you have chosen all the advantages of the latest refrigeration technology, guaranteeing you a high-quality appliance with a long life span and high operating safety.

The equipment of your appliance gives you the highest level of day-to-day ease of operation.

Together we are making an active contribution to the conservation of our environment by purchasing this appliance which is manufactured in an environmentally friendly process with the use of recyclable materials.

We hope you enjoy your new appliance.

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

Symbol	Explanation
	Read instructions Please read the information in these instructions carefully to understand all of the benefits of your new appliance.
	Check appliance Check all parts for transport damage. If you have any complaints, please contact your agent or customer service.
	Differences These instructions apply to a range of models, so there may be differences. Sections that apply to certain models only are indicated by an asterisk (*).
	Instructions and results Instructions are marked with a ►. Results are marked with a ▷.
	Videos Videos about the appliances are available on the YouTube channel of Liebherr-Hausgeräte.

These operating instructions apply to:

SF 5291

Note

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

- Freezer over-temperature alarm
- Quick-freeze feature for fresh food (SuperFrost)
- Frozen food temperature indicator
- Power outage /FrostControl display
- All freezer drawers suitable for quick-freeze
- Freezer compartment light
- Bright LED interior light
- Door ajar alarm
- Handle grips on all extra-large drawers for easy transport
- Integrated transport grips on appliance housing
- Transport castors at back
- Easy to clean
- Soft stop mechanisms
- This appliance has a SabbathMode function, so you can use it on religious holidays. Further information can be found on the Star-K website www.star-k.org.

1.2 Delivered contents

Check all parts for damage during transport. If you have any complaints, please contact the dealer or Customer Service (see 9.4 Customer service) .

Delivery contains the following parts:

- Standalone appliance
- Equipment (depending on your model)
- Installation parts (depending on your model)
- User Guide
- Installation Guide
- Warranty documents

1 The appliance at a glance

1.1 Additional benefits

- Natural coolant
- Energy-optimized refrigerant circuit
- Energy-efficient insulation
- Low energy consumption
- User-friendly electronic controls
- Active function indicators
- Temperature can be controlled in the appliance independent of ambient conditions according to its climate rating - Temperature can be displayed as °C or °F
- The appliance defrosts automatically - no need to spend time defrosting
- Safety glass storage shelves
- Large freezing capacity
- Shelves can be removed to make space for large items.

The appliance at a glance

1.3 Appliance and equipment overview

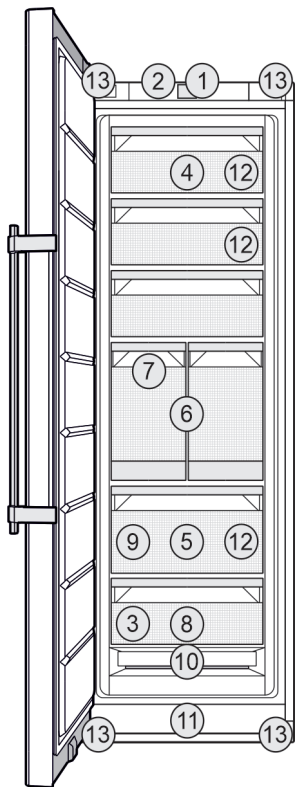


Fig. 1 Example illustration

Equipment

- | | |
|----------------------|--|
| (1) Control elements | (8) Freezer tray, cold storage accumulators |
| (2) Lighting | (9) Ice cube scoop |
| (3) Serial tag | (10) NoFrost |
| (4) Tilting drawer | (11) Ventilation slit |
| (5) SpaceBox | (12) VarioSpace |
| (6) IceTower | (13) Adjustable feet (front), transport castors (rear), transport handles at the top (rear) and bottom (front) |
| (7) IceMaker | |

Note

► The shelves, drawers, and baskets are arranged for optimal energy efficiency in the factory configuration. However, changes to the arrangement within the given insertion options – for example the arrangement of shelves in the fridge compartment – have no effect on energy consumption.

1.4 SmartDevice

SmartDevice is the networking solution for your freezer.

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

SmartDevice-enabled appliance:

Your appliance is equipped with the SmartDeviceBox. In order to connect your appliance to the WiFi, you need to download the SmartDevice app.



More information about SmartDevice:

smartdevice.liebherr.com

Downloading the SmartDevice app:



After installing and configuring the SmartDevice app, you can connect your appliance to the WiFi using the SmartDevice app and the WiFi appliance function (see WiFi).

1.5 Range of appliance use

Normal use

This appliance is intended to be used in household and similar applications such as,

- staff kitchen areas in shops, offices and other working environments;
- farm houses and by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments;
- catering and similar non-retail applications.

The appliance is not suitable as a built-in unit; All other types of uses are not permitted.

Foreseeable misuse

The following uses are specifically prohibited:

- Storage and cooling of medication, blood plasma, laboratory preparations or similar substances and products in accordance with the CMDCAS and FDA 510(k)
- Use outdoors
- Use in moist areas exposed to the rain

- Use in outdoor areas with very high humidity
- Use in areas at risk of explosion

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

Climate ratings

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

Note

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

Climate rating	for ambient temperatures from
SN	10 °C (50 °F) to 32 °C (90 °F)
N	16 °C (61 °F) to 32 °C (90 °F)
ST	16 °C (61 °F) to 38 °C (100 °F)
T	16 °C (61 °F) to 43 °C (109 °F)
SN-ST	10 °C (50 °F) to 38 °C (100 °F)
SN-T	10 °C (50 °F) to 43 °C (109 °F)

If your appliance has a fixed water connection, then the appliance is guaranteed to function correctly down to a lower ambient temperature of 0 °C (32 °F).

1.6 Conformity

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

1.7 SVHC substances according to REACH regulation

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

2 General safety instructions

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

If you pass the appliance on, please hand these operating instructions to the new owner. Read and follow these instructions. They contain safety information which is important

for safe and problem-free installation and operation. Always read and follow the safety information.

Dangers for the user:

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. Cleaning and user maintenance must not be performed by children unless they are supervised. Children between the ages of 3 and 8 may load and unload the appliance. Children under the age of 3 must be kept away from the appliance unless they are constantly supervised.
- **IMPORTANT:** The power plug must be easily accessible so that the appliance can be disconnected from the mains quickly in an emergency. It must not be behind the back of the appliance.
- 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.
- Always hold the appliance at the plug when disconnecting it from the household power. Do not pull on the cable.
- Disconnect the power plug or fuse if there is a malfunction.
- Do not damage the power cable. Do not operate the appliance with a faulty power cable. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. For Plug and Play connections, the change may be carried out by the customer.
- Repairs and work on the appliance may only be carried out by Customer Service or other specifically trained qualified personnel.

General safety instructions

- Always follow the instructions when assembling, connecting and disposing of the appliance.
- The manufacturer is not liable for damage arising from a defective fixed water connection.

Risk of fire:

- The refrigerant contained within the appliance (specifications on the identification plate) is environmentally friendly, but flammable. Leaking refrigerant can ignite.
 - **WARNING:** Do not damage the refrigerant circuit.
 - Do not handle ignition sources inside the appliance.
 - **WARNING:** Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer (e.g. steam cleaning appliances, heating appliances, ice cream makers).
 - If refrigerant leaks: Remove naked flames or ignition sources located near the area of the leak. Ventilate the room well. Contact Customer Service.
- Do not operate the appliance near explosive gases.
- Do not store or use gasoline or other flammable gases and liquids near the appliance.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance. You can recognize such spray cans by the printed list of contents or by a flame symbol. Any leaking gases can be ignited by electrical components.
- Keep lit candles, lamps and other objects with naked flames away from the appliance so they do not cause a fire.
- Alcoholic beverages or other containers holding alcohol must always be tightly sealed for storage purposes. Any leaking alcohol can be ignited by electrical components.

Risk of falling or toppling over:

- **WARNING:** To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.
- Do not stand on the base, drawers, doors etc. or use them as improper supports. This applies in particular to children.

Danger of poisoning:

- Do not consume spoiled food.
- **WARNING:** Connect to potable water supply only.
- Do not use any old or already premounted water supply lines.

Danger of frostbite, feeling of numbness and pain:

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

Risk of injury and damage:

- Hot steam may cause injuries. Do not use any electrical heating or steam cleaning equipment, naked flames or defrosting sprays for defrosting measures.
- **WARNING:** Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not remove ice using sharp objects.
- **WARNING:** Keep clear of obstruction all ventilation openings in the appliance enclosure or in the structure for building-in.
- **WARNING:** Risk of child entrapment. Before you throw away your old refrigerator or freezer:
 - Take off the doors.
 - Leave the shelves in place so that children may not easily climb inside.

Risk of crushing:

- Do not hold onto the hinge when opening and closing the door. Fingers may become trapped.

California Proposition 65

- **WARNING:** This product can expose you to chemicals including Diisononyl Phthalate (DINP), which is known to the State of California to cause cancer, and Diisodecyl Phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov

FCC Warning

- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC information

- This appliance has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference from an installation in residential areas. This appliance generates, uses and can radiate radio-frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this appliance does cause harmful interference to radio or television reception, which can be determined by switching the appliance on and off, the user should try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the distance between the appliance and receiver.
 - Connect the appliance to an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.

FCC Radio Frequency Exposure Statement

- This appliance is found to comply with FCC radio frequency (RF) exposure limits set for an uncontrolled environment. This transmitter must not be set up or operated in conjunction with another antenna or another transmitter.
- This appliance should be installed and operated at a minimum separation distance of 20 cm between the antenna and your body. The user must follow the specific operating instructions to comply with the limits of RF exposure.

IC information

- This appliance has license-exempt transmitters/receivers, which comply with the license-exempt Radio Standards Specification (RSS) of Innovation, Science and Economic Development Canada. Operation is subject to the following two conditions:

- This appliance may not cause interference.
- This device must accept any interference, including interference that may cause undesired operation of the device.

IC Radio Frequency Exposure Statement

- This appliance is found to comply with IC RSS-102 radio frequency (RF) exposure limits set for an uncontrolled environment. This appliance should be installed and operated at a minimum separation distance of 20 cm between the antenna and your body.

Symbols on the device:



The symbol may be located on the compressor. It refers to the oil in the compressor and refers to the following danger: Can be fatal if swallowed or inhaled. This notice only applies for recycling. There is no danger during normal operation.



WARNING: Risk of fire / flammable materials. The symbol is located on the compressor and indicates the danger from flammable materials. Do not remove the label.



This label or a similar one may be located on the rear of the appliance. This label indicates that there are vacuum insulation panels (VIP) or perlite panels in the door and/or housing. This notice only applies for recycling. Do not remove the label.

Observe the warning messages and other detailed information in the other sections:

	DANGER	Indicates an immediately hazardous situation, which if not avoided, will result in death or serious injury.
	WARNING	Indicates a hazardous situation, which if not avoided, could result in death or serious injury.
	CAUTION	Indicates a hazardous situation, which if not avoided, could result in minor or moderate injury.
	NOTICE	Indicates a hazardous situation, which if not avoided, could result in damage to property.

Start-up

	Note	Indicates useful advice and tips.
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3 Start-up

3.1 Turning on the appliance

Make sure that the following requirements are met:

- ❑ Appliance is set up and connected according to installation instructions.
- ❑ All adhesive strips, adhesive and protective films, as well as transport safety devices in and on the appliance are removed.
- ❑ All advertising material has been removed from the drawers.

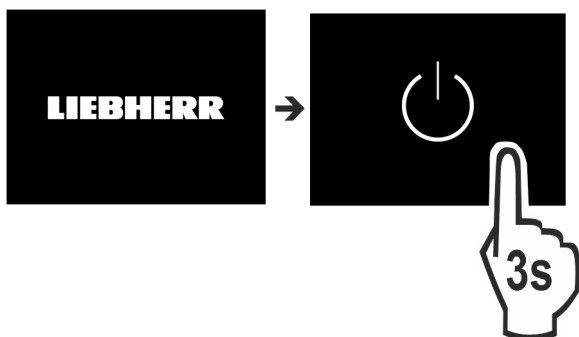


Fig. 2

- Switch on the appliance using the display.

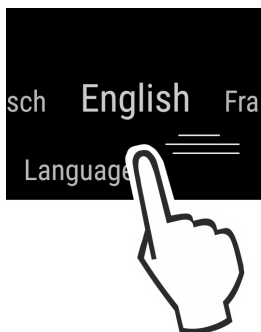


Fig. 3

- Select the language.
- ▷ The status display appears.

The appliance starts in DemoMode:

If the appliance starts in DemoMode, you can deactivate DemoMode within the next 5 minutes.

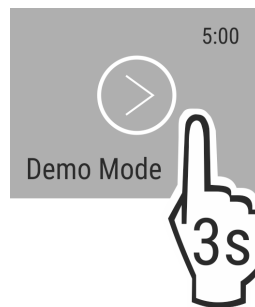


Fig. 4

- Press DemoMode for 3 seconds.
- ▷ DemoMode is deactivated.

Note

The manufacturer recommends:

- **Store frozen foods** at -18 °C (-0 °F) or colder.

3.2 Insert the equipment

Note

Accessories can be purchased from the Liebherr Service Center. The address for your respective country can be found on the back of the instructions.

- Insert the supplied equipment to help you make the most of the appliance.

4 Food management

4.1 Storing food



WARNING

Danger of fire

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

Note

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

- Always keep the air slots unobstructed.

When storing food, remember these basic rules:

- ❑ Do not obstruct the air vents on the back wall.
- ❑ Do not obstruct the air vents on the fan.
- ❑ Food is well sealed.
- ❑ Raw meat or fish is in clean, sealed containers so that other food cannot be touched or drip on them.
- ❑ Food is stored spaced apart to ensure good air circulation.

Note

Failure to follow these guidelines can lead to food perishing.

4.1.1 Freezer

This provides a dry, frosty storage climate at -18 °C (-0 °F). A frosty climate is suitable for storing frozen food and goods for several months, preparing ice cubes, or freezing fresh food.

Freezing food

You can freeze as many kilograms of fresh food within 24 hours as indicated on the nameplate (see 9.5 Rating plate) under "freezing capacity ... kg/24h".

To ensure that the food freezes quickly to the core, keep to the following quantities per pack:

- Fruit, vegetables up to 1 kg (2.20 lb)
- Meat up to 2,5 kg (5.51 lb)

Before freezing, please note the following:

- ❑ SuperFrost is activated (see 6.3 Functions) when the amount of food to freeze exceeds approx. 2 kg (4.41 lb).
- ❑ With a small amount of frozen goods: SuperFrost is activated approx. 6 hours prior.
- ❑ With the maximum amount of frozen goods: SuperFrost is activated approx. 24 hours prior.

Arranging the food:



CAUTION

There is a risk of injury from pieces of broken glass! Bottles and cans containing drinks can split or crack when frozen. This applies in particular to carbonated drinks.

- The *BottleTimer* function must be used when freezing bottles and cans with drinks.

With a small amount of frozen goods:

- Place packaged groceries in the top drawer.
- If possible, place groceries at the back of the drawer near the rear wall.

With the maximum amount of frozen goods:

- Distribute packaged groceries across all drawers, but do not place any groceries in the lowest drawer.
- If possible, place groceries at the back of the drawer near the rear wall.

With the maximum amount of frozen goods:

- Once SuperFrost deactivates automatically, place food into the drawer.

Defrosting food

- in the fridge compartment
- in the microwave
- in the oven/fan oven
- at room temperature



WARNING

Danger of food poisoning!

- Do not re-freeze defrosted food.

- Remove only the food you need for now.

- Use defrosted food as quickly as possible

Freezer tray

Use the freezer tray for berries, herbs, vegetables and other small goods without them freezing together in the process. The food keeps its shape and is easier to separate into portions later on.

You can also store the freezer packs in the freezer tray to save space.

- Spread food, unsealed, at a good distance apart, over the whole surface of the freezer tray.

4.2 Storage times

The storage times given are guidelines

Food with a "use by" date must still be consumed by the date indicated on the package

Guidelines for storage periods for various foods		
Ice cream	at -18 °C (-0 °F)	2 to 6 months
Sausage, ham	at -18 °C (-0 °F)	2 to 3 months
Bread, bakery products	at -18 °C (-0 °F)	2 to 6 months
Game, pork	at -18 °C (-0 °F)	6 to 9 months
Fish, fatty	at -18 °C (-0 °F)	2 to 6 months
Fish, lean	at -18 °C (-0 °F)	6 to 8 months
Cheese	at -18 °C (-0 °F)	2 to 6 months
Poultry, beef	at -18 °C (-0 °F)	6 to 12 months
Vegetables, fruit	at -18 °C (-0 °F)	6 to 12 months

5 Energy saving

- Always ensure good ventilation. Keep clear of obstruction all ventilation openings in the appliance enclosure or in the structure for building-in.
- Never block air slits in the fan.

Use

- Do not install the appliance in direct sunlight or next to a stove, heater or similar heat source.
- Energy consumption depends on installation conditions such as the ambient temperature (see 1.5 Range of appliance use) . A warmer ambient temperature can increase the energy consumption.
- Avoid opening the appliance door for any longer then necessary
- The lower the temperature is set the higher the energy consumption.
- All food stored in the appliance should be well wrapped and covered. This prevents frost buildup.
- Insertion of warm foods: first let the food cool down to room temperature.

6 Use

6.1 Controls and displays

The display provides a quick overview of the temperature setting and the status of functions and settings. You can control the functions and settings either by deactivating/activating them or by selecting a value.

6.1.1 Status display

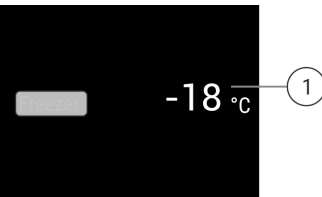


Fig. 5

(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.

6.1.2 Navigation


Navigate in the menu to access the individual functions. An audible signal sounds after confirming a function or setting. If no selection is made after 10 seconds the display switches to the Status display.

The appliance is operated by swiping and confirming in the display:



Fig. 6

Back:






- Confirm your selection in the submenu. The display returns to the menu.
- Select . The display returns to the function/setting.

Back to Status display:

- Close and open the door.
- Wait 10 seconds. The display changes to the Status display.

6.1.3 Display symbols





The display symbols provide information about the current appliance status.

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

6.2 Operating logic

6.2.1 Activating/deactivating settings

You can activate/deactivate the following functions:

Symbol	Function
	SuperFrost ^x
	IceMaker and MaxIce ^x
	PartyMode ^x
	EnergySaver


^x When function is on, the appliance works harder. This means appliance noise when operating may be louder for a short while, and more energy will be consumed.

- ▶ Swipe left in the display until the function appears.
- ▶ Confirm selected function with a short tap.
- ▷ You hear the confirmation tone.
- ▷ Status appears in the menu.

▷ Function is on/off.

6.2.2 Selecting function value

With the following functions you can set a value in the submenu:

Symbol	Function
	Setting the temperature Switch the appliance on/off







- ▶ Swipe left in the display until the function appears.
- ▶ Confirm selected function with a short tap.
- ▶ Select the setting value by swiping the display.


Setting the temperature

- ▶ Confirm selected value with a short tap.
- ▷ You hear the confirmation tone.
- ▷ The display changes to blue when it is activated.
- ▷ Display switches back to the menu.

6.2.3 Activating/deactivating settings

You can activate/deactivate the following settings:

Symbol	Setting
	WiFi ¹
	Entry lock ²
	SabbathMode ²
	Reminders ¹
	Reset ²
	Switch off ²

- ▶ Swipe left in the display until Settings  appears.
- ▶ Confirm settings by tapping.
- ▶ Swipe until you can see the setting you want.

¹ Activate setting (short press)





- ▶ Tap briefly to confirm.
- ▷ You hear the confirmation tone.
- ▷ Status appears in the menu.
- ▷ Setting is activated / deactivated.


² Activate setting (long press)

- ▶ Press selection for 3 seconds to confirm.
- ▷ You hear the confirmation tone.
- ▷ Status appears in the menu.
- ▷ Display changes.

6.2.4 Selecting the setting value




With the following settings you can set a value in the submenu:



Symbol	Settings
	Brightness
	Door alarm
	Temp. unit
	Language

- ▶ Swipe the display to the left until the settings  are displayed.
- ▶ Confirm the settings by tapping.
- ▶ Swipe until you can see the setting you want.
- ▶ Tap briefly to confirm.
- ▶ Select the desired setting value by swiping the display.
- ▶ Tap briefly to confirm.
- ▷ You hear the confirmation tone.
- ▷ Status appears briefly in the submenu.
- ▷ Display switches back to the menu.

6.2.5 Calling up the customer menu

The customer menu provides the following settings:

Symbol	Function
	TubeClean ²
	Ice cube ¹
	Software

- ▶ Swipe left in the display until the settings  appear.
- ▶ Tap settings.
- ▷ The submenu appears.
- ▶ Swipe left in the display until the appliance information  appears.
- ▶ Press for 3 seconds.
- ▷ The input menu for a numerical code appears.
- ▶ Enter the numerical code 151.
- ▷ The customer menu appears.
- ▶ Swipe left in the display until the desired setting appears.

¹ Select the setting value

- ▶ Tap briefly to confirm.
- ▷ You hear the confirmation tone.
- ▷ Status appears briefly in the display.
- ▷ The display switches back to the menu.

² Activate setting

- ▶ To confirm, press the display for 3 seconds.
- ▷ You hear the confirmation tone.
- ▷ Status appears in the display.

Use

- ▷ The symbol flashes as long as the appliance is working.

6.3 Functions

Turn off appliance

This setting turns off the whole appliance.

Switch off whole appliance

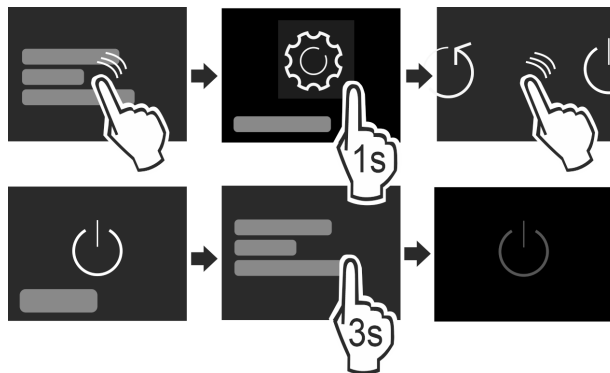


Fig. 7

- ▶ Turning off the IceMaker .
- ▶ Activating/deactivating (see 6.2 Operating logic) .
- ▷ Off: Display turns black.

WiFi

Use this function to connect your appliance to the 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. To connect your appliance to the WiFi, you need the SmartDeviceBox. For more information about the SmartDeviceBox and how to use the SmartDevice app: (see 1.4 SmartDevice)

Note

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

Establishing a WiFi connection

Make sure that the following requirements are fulfilled:

- ❑ You have installed the SmartDevice app (see apps.home.liebherr.com).

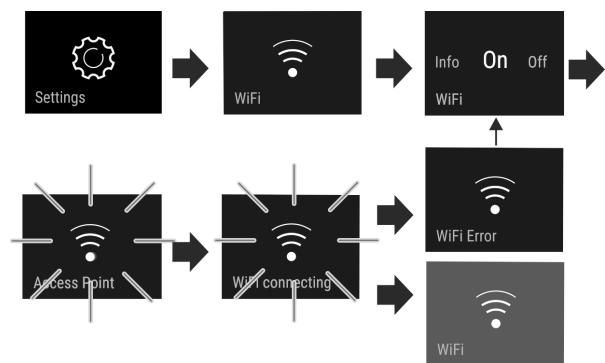


Fig. 8

- ▶ Activate the setting. (see 6.2 Operating logic)
- ▷ Connection is established: Connecting appears. The symbol flashes.
- ▷ Connection is established: WiFi appears, the display turns blue.
- ▷ Connection failed: WiFi Error appears.

Disconnecting from the WiFi

- ▶ Deactivate the setting. (see 6.2 Operating logic)

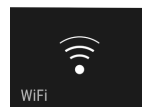
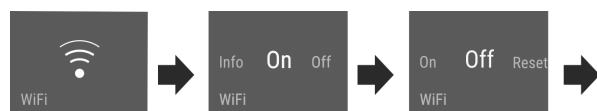



Fig. 9

- ▷ There is no connection: Symbol  is permanently visible.

Resetting the WiFi connection

- ▶ Reset settings. (see 6.2 Operating logic)

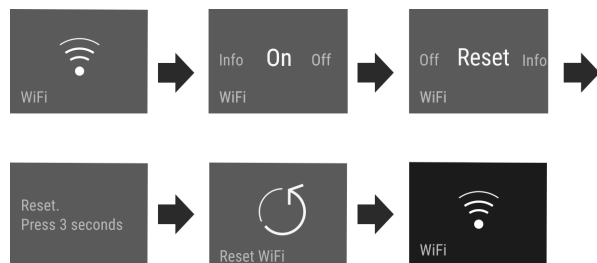


Fig. 10

- ▷ The connection and other settings are reset to the factory settings.

Temperature

The temperature depends on the following factors:

- the number of times the door is opened
- The duration the door is opened

- the room temperature of the installation location
- the type, temperature and amount of food

Freezer compartment Recommended setting

-18 °C -18 °C
-0 °F

Setting the temperature

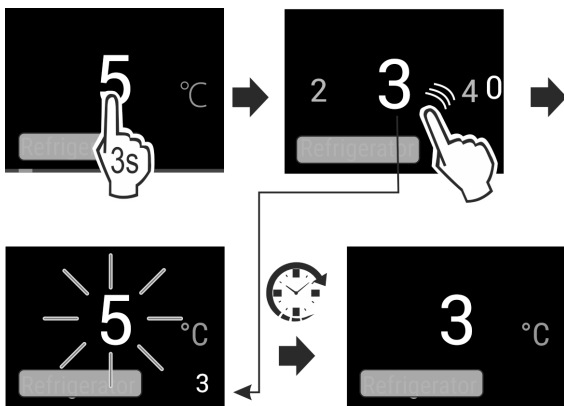


Fig. 11

- Set the value. (see 6.2 Operating logic) .
- The set temperature is shown on the bottom right of the display.

°C/°F Temperature unit

This setting allows you to change between Celsius and Fahrenheit as the temperature unit.

Selecting the setting value

- Set the value (see 6.2 Operating logic) .

* * * SuperFrost

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

Use:

- To freeze more than 2 kg (4.41 lb) fresh food a day.
- Freezing fresh food quickly to the core.
- Increasing the cold reserves in the stored goods before defrosting the appliance.

Activating/deactivating settings

- With a small volume of frozen goods:
 - Activate 6 hours before use.
- With the maximum volume of frozen goods:
 - Activate 24 hours before use.
 - Activating/deactivating (see 6.2 Operating logic) .
- or-
- Activate/deactivate using the SmartDevice app.

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



PartyMode

This option offers an assortment of special functions and settings that are useful if you are having a party.

The following functions are activated:

- *SuperFrost*
- *IceMaker* and *MaxIce*

You can set any functions you like. Your changes are lost when the option is switched off.

Activating/deactivating settings

- Activating/deactivating (see 6.2 Operating logic) .
- On: All functions are activated at the same time.
- Deactivated: Previously set temperatures are restored.

The function is automatically switched off after 24 hours.



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 device 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 switched 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 IceMaker is out of operation.
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 poisoning from spoiled food!

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

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

- ▶ Call up the settings menu. (see 6.2 Operating logic)
- ▶ Swipe left or right until the corresponding function is displayed.

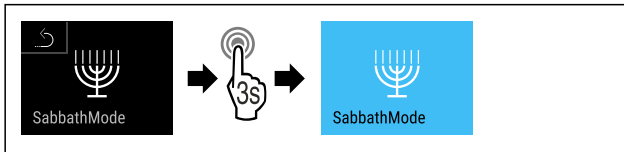


Fig. 12

- ▶ Complete the steps (see Fig. 12).
- ▷ SabbathMode is activated.
- ▷ Status display continuously shows SabbathMode.

Deactivating SabbathMode

- ▶ Call up the settings menu. (see 6.2 Operating logic)
- ▶ Swipe left or right until the corresponding function is displayed.

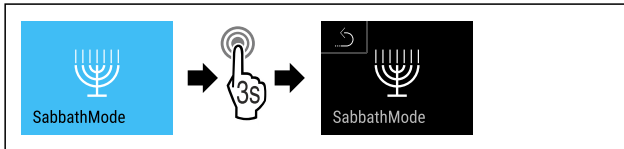


Fig. 13

- ▶ Complete the steps (see Fig. 13).
- ▷ 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 (36 °F) in the appliance. The food remains fresh, but the shelf life is shortened.

Temperature zone	Recommended setting	Temperature EnergySaver activated	when activated
-18 °C	-18 °C -0 °F	-16 °C 3 °F	

Temperatures

Activating EnergySaver

- ▶ Swipe left or right until corresponding function is displayed.

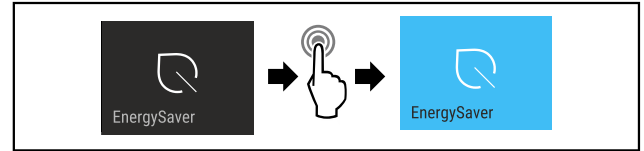


Fig. 14

- ▶ Complete the steps (see Fig. 14).
- ▷ Energy-saving mode is activated.

Deactivating EnergySaver

- ▶ Swipe left or right until corresponding function is displayed.

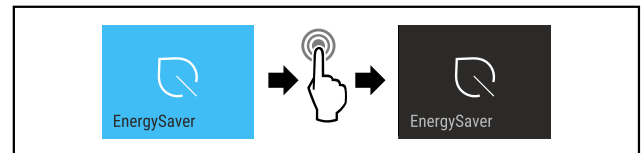


Fig. 15

- ▶ Complete the steps (see Fig. 15).
- ▷ Energy-saving mode is deactivated.



IceMaker / MaxIce

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

More information on the number of ice cubes:	(see 9.1 Technical specifications)
More information on the size of the ice cubes:	(see Ice cubes)
More information on cleaning the lines of the IceMaker:	(see TubeClean)

Activating IceMaker

Make sure that the following requirements are fulfilled:

- ❑ The water supply is established at the fixed water connection. See Assembly Manual.
- ❑ IceMaker is put into operation. (see 7.4 IceMaker)
- ▶ Swipe left or right until corresponding function is displayed.

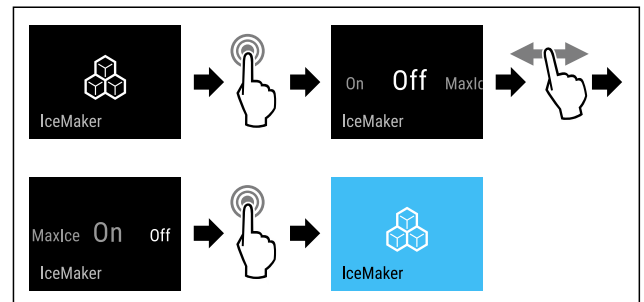


Fig. 16

► Complete the steps (see Fig. 16) .

-or-

► Activate with the SmartDevice app.

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

Activating the IceMaker with MaxIce

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

- ☐ The water supply is established at the fixed water connection. See Assembly Manual.
- ☐ IceMaker is put into operation. (see 7.4 IceMaker)
- Swipe left or right until corresponding function is displayed.

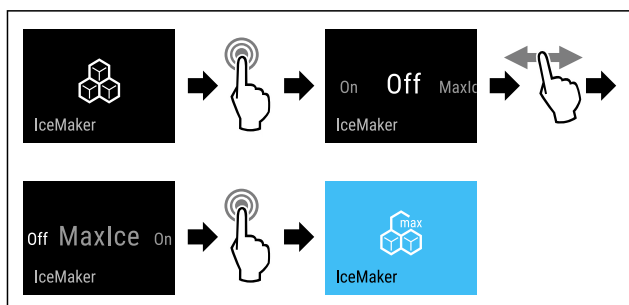


Fig. 17

► Complete the steps (see Fig. 17) .

-or-

► Activate with the SmartDevice app.

▷ The IceMaker is activated with MaxIce.

Changing between the IceMaker and MaxIce

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

► Swipe left or right until corresponding function is displayed.

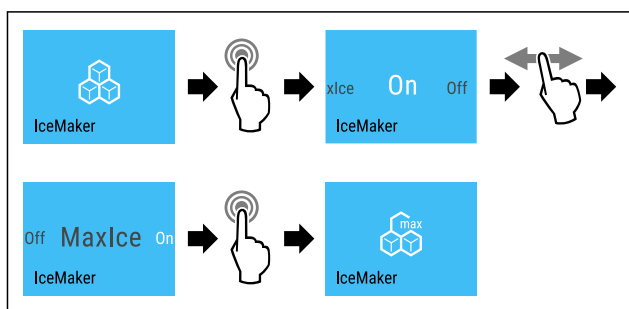


Fig. 18

► Complete the steps (see Fig. 18) .

▷ The IceMaker is activated with MaxIce.

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

► Swipe left or right until corresponding function is displayed.

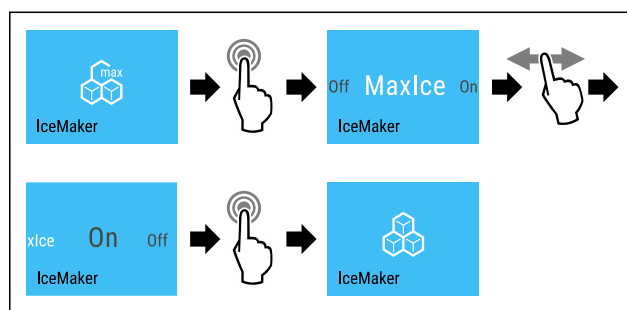


Fig. 19

► Complete the steps (see Fig. 19) .

▷ IceMaker is activated.

▷ MaxIce is deactivated.

Deactivating the IceMaker / MaxIce

► Swipe left or right until corresponding function is displayed.

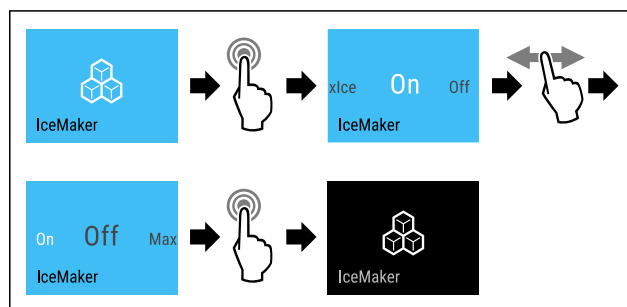


Fig. 20 Example illustration of the active IceMaker function

► Complete the steps (see Fig. 20) .

-or-

► Deactivate with the SmartDevice app.

▷ IceMaker and MaxIce are deactivated.

▷ If ice cubes are currently being made, the system completes the process.

▷ The IceMaker goes off automatically.

5 Ice cubes

With this setting, you can choose the ice cube size.

Choosing the setting

► Make your settings in the Customer menu (see 6.2 Operating logic) .



TubeClean

This setting cleans the IceMaker pipes.

Make sure that the following requirements are met:

- ☐ IceMaker cleaning process is ready (see 8.3.5 Cleaning the IceMaker) .

Activate setting

► Activate the setting in the customer menu (see 6.2 Operating logic) .

Use

- ▷ TubeClean is prepared (max. 60 min.): The symbol flashes.
- ▷ Water pipes are rinsed: Symbol flashes.
- ▷ Rinsing process is complete: Function turns off automatically.



Display brightness

With this setting, you can choose a brightness level for the display.

You can set the following brightness levels:

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

Choosing the setting

- ▶ Set the level (see 6.2 Operating logic) .



Door alarm

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

Options are as follows:

- 1 min
- 2 min
- 3 min
- Off

Choosing the setting

- ▶ Set the level (see 6.4 Error messages) .



Entry lock

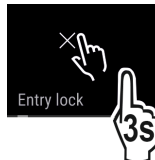
This setting avoids accidental operation of the appliance, e.g. by children.

Use:

- Avoid unintentional changing of settings and functions.
- Avoid unintentional switching off of the appliance.
- Avoid unintentional temperature adjustments.

Activating/deactivating settings

- ▶ Activating/deactivating (see 6.2 Operating logic) .



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 (see 6.2 Operating logic) .




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

View appliance data

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



Reminder

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

Activate setting

- ▶ Activating/deactivating (see 6.2 Operating logic) .



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.

Activate the setting

- ▶ Activating (see 6.2 Operating logic) .

6.4 Error messages

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

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

6.4.1 Warnings



Close the door

This message appears if the door is open too long. You can set the time before this message appears.

► Stop alarm: Confirm the message.

-or-

► Close the door.



Power failure.

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

► Stop alarm: Confirm the message.

▷ Temperature alarm appears (see Temperature alarm).



Temperature alarm

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

Temperature differences may be caused by:

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

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

► Confirm the display.

▷ Warmest temperature is displayed.

► Confirm the display again.

▷ The status display is displayed.

▷ Current temperature is displayed.



Error

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

► Open the door.

► Take note of the error code.

► Confirm the message.

▷ The signal tone stops.

▷ The status display appears.

► Close the door.

► Contact customer service. (see 9.4 Customer service)

6.4.2 Message



Insert IceMaker drawer

This message appears if the IceMaker drawer is open.

► Push in the IceMaker drawer.

▷ The message disappears.

▷ The IceMaker produces ice cubes.

6.4.3 DemoMode

If "D" appears in the display, demo mode is on. This feature is designed for retailers. The cooling features are disabled.

Switching off DemoMode

When you see a time counting down:

► Confirm within the countdown.

▷ DemoMode is off.

If there is no countdown:

► Disconnect the power plug.

► Reconnect the power plug.

▷ DemoMode is off.

7 Equipment

7.1 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 a variety of pull-out systems.

Note

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

► Leave the bottom drawer in appliance!

► Never obstruct the vents on the interior rear wall!

7.1.1 Drawer on telescopic rails

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

Drawer on glass shelf

The drawer guided on a glass shelf is a partial pull-out.

Equipment

Removing drawer

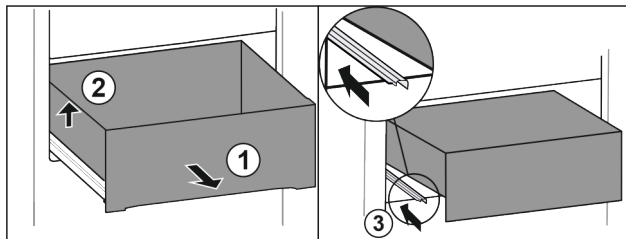


Fig. 21

- Pull out drawer as far as it will go. Fig. 21 (1)
- Lift drawer on the left. Fig. 21 (2)
- Slide in left rail. Fig. 21 (3)

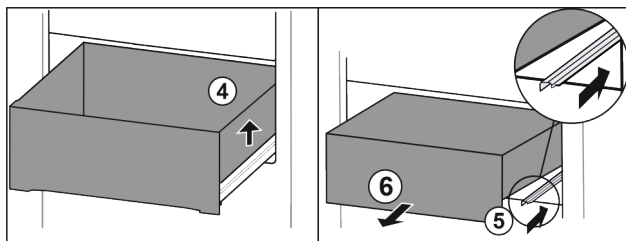


Fig. 22

- Lift drawer on the right. Fig. 22 (4)
- Slide in right rail. Fig. 22 (5)
- Remove drawer to the front. Fig. 22 (6)

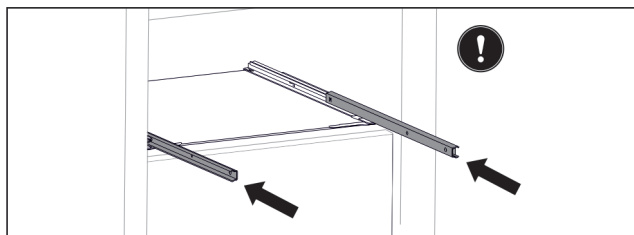


Fig. 23

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

- Push the rails in completely.

Inserting drawer

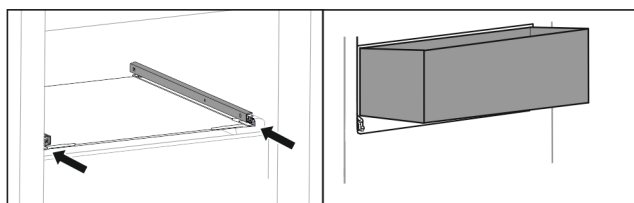


Fig. 24

- Slide rails in.
- Place drawer on rails at an angle.

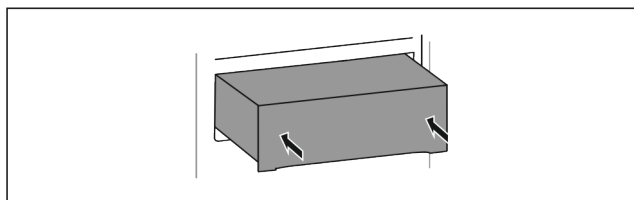


Fig. 25

- Lower drawer.
- Slide in drawer to the back.

7.1.2 Top tilting drawer

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

Removing drawer

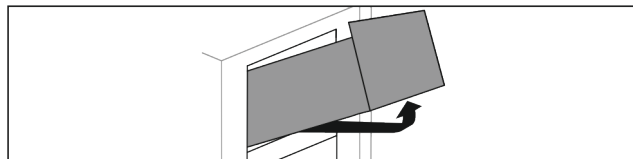


Fig. 26

- Pull out drawer as far as it will go.
- Lift drawer at the front.
- Lift drawer from below.
- Remove drawer to the front.

Inserting drawer

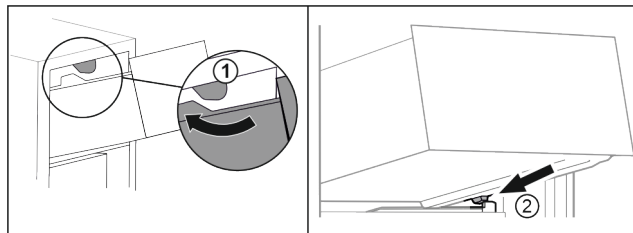


Fig. 27

- Guide drawer around the upper stoppers. Fig. 27 (1)
- Place drawer at an angle behind the lower stoppers on the molded rib. Fig. 27 (2)
- Lower drawer.
- Slide to the rear.

7.1.3 Bottom drawer

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

Removing drawer

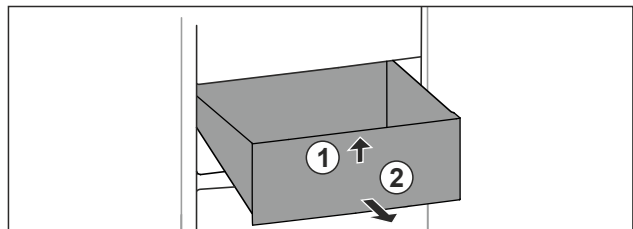


Fig. 28

- Pull out drawer as far as it will go.
- Lift up drawer at the front. Fig. 28 (1)
- Remove drawer to the front. Fig. 28 (2)

Inserting drawer

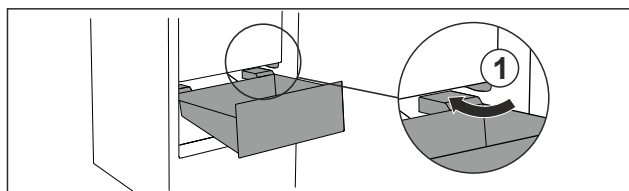


Fig. 29

- ▶ Guide drawer in at an angle around the stoppers Fig. 29 (1).
- ▶ Lower the drawer.
- ▶ Slide in drawer to the back.

7.2 Pull-out board with IceTower

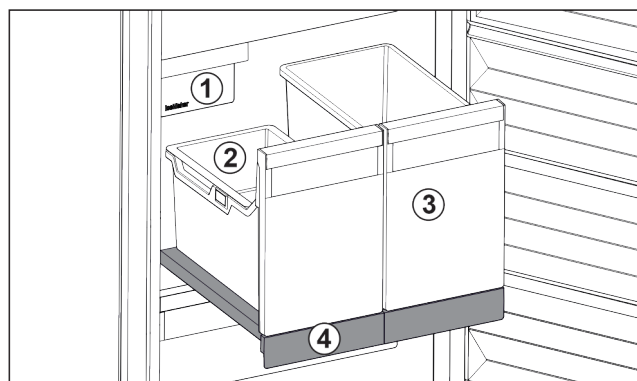


Fig. 30 Pull-out board with IceTower

- | | |
|--------------------------------|---|
| (1) IceMaker | (3) Container for pizza or alcoholic beverages, for example |
| (2) Hang-on tray for ice cubes | (4) Pull-out board |

On the pull-out board are two tall containers (IceTower). Ice cubes from the IceMaker are collected and stored in the container Fig. 30 (2). The container Fig. 30 (3) is suitable for storing tall foodstuffs or beverages such as pizzas or alcoholic drinks.

The pull-out board with IceTower is mounted on a glass shelf with pull-out rails. You can dismantle the pull-out board for cleaning.

7.2.1 Dismantling the pull-out board with IceTower

Removing the container

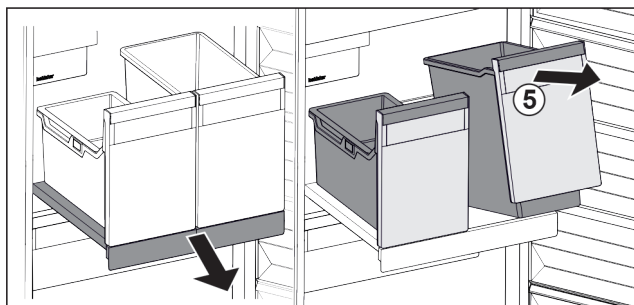


Fig. 31

- ▶ Remove the pull-out board.
- ▶ Lift the container Fig. 31 (5) at the front.
- ▶ Remove the container.

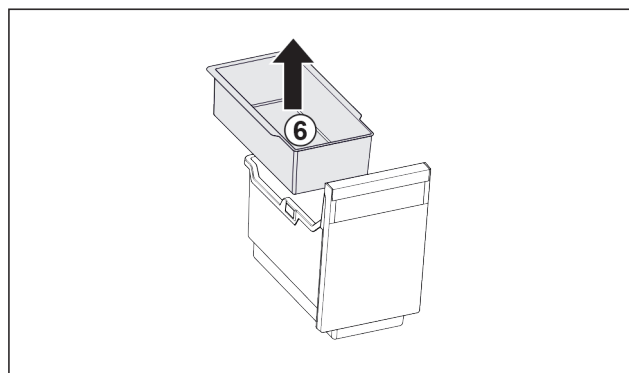


Fig. 32

- ▶ Remove the hang-on tray Fig. 32 (6).
- ▶ If there are ice cubes in the hang-on tray: Empty the hang-on tray.
- ▷ The container and hang-on tray have been removed and you can clean them. (see 8.3.4 Cleaning the equipment)

Removing the pull-out board

Make sure that the following requirements are fulfilled:

- ☐ Containers have been removed. (see 7.2.1.1 Removing the container)

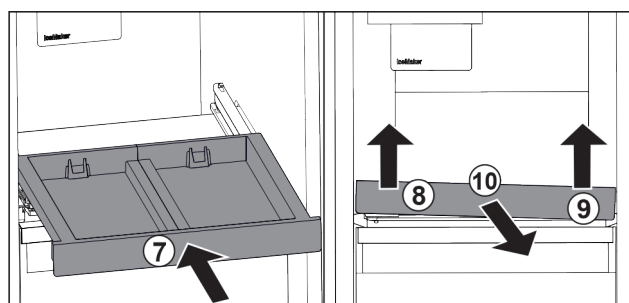


Fig. 33

- ▶ Slide in the pull-out board. Fig. 33 (7)
- ▶ Lift the pull-out board at the front left. Fig. 33 (8)
- ▶ Lift the pull-out board at the front right. Fig. 33 (9)
- ▷ The pull-out board is detached from the attachment at the front.
- ▶ Take out the pull-out board to the front. Fig. 33 (10)
- ▷ The pull-out board has been removed and you can clean it. (see 8.3.4 Cleaning the equipment)

Removing the glass shelf from under the pull-out board

(see 7.3 Glass shelves)

7.2.2 Inserting the pull-out board with IceTower

Inserting the glass shelf under the pull-out board

(see 7.3 Glass shelves)

Equipment

Inserting the pull-out board

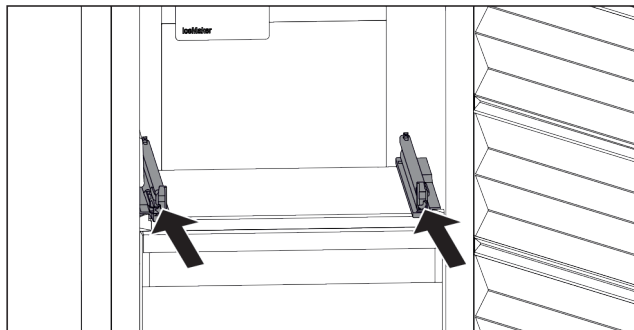


Fig. 34

- Slide the rails in.

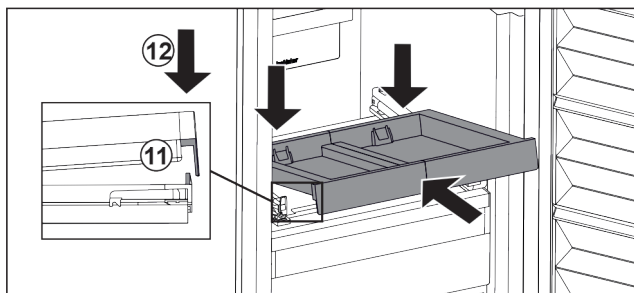


Fig. 35

- Place the pull-out board in at an angle behind the front lug.
- Slide it in at an angle. Make sure that the stop is behind the lug on both sides. Fig. 35 (11)
- Lower the pull-out board at the front. Fig. 35 (12)

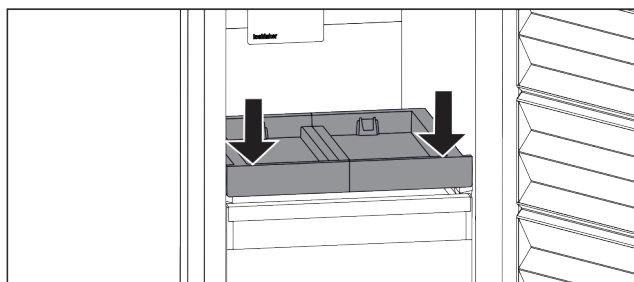


Fig. 36

- Push the pull-out board down at the front.
- ▷ The pull-out board clicks into place.

Inserting the container

Make sure that the following requirements are fulfilled:

- ☐ The pull-out board is inserted. (see 7.2.2.2 Inserting the pull-out board)

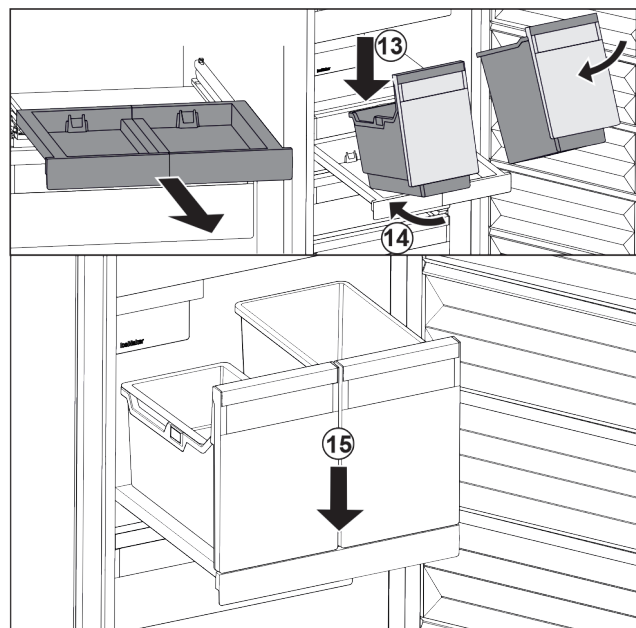


Fig. 37

- Remove the pull-out board.
- Hold the pull-out board with one hand.

Note

The containers are shaped in a way that they cannot be interchanged.

- Place the container at an angle on the pull-out board. Fig. 37 (13)
- Slide in the container at an angle to the back. Fig. 37 (14)
- Place container at the front. Fig. 37 (15)

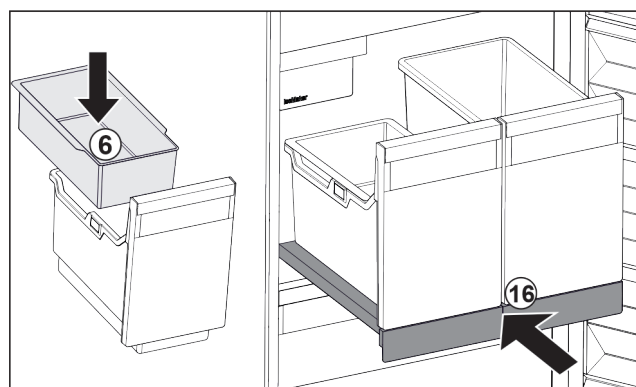


Fig. 38

- Insert hang-on tray Fig. 38 (6) for ice cubes.
- Slide in the pull-out board with container (IceTower). Fig. 38 (16)
- ▷ Pull-out board with IceTower is fully inserted.

7.3 Glass shelves

NOTICE

Impermissible removal of the glass panel above the IceTower!

Damage to the IceMaker. The IceMaker is attached to the glass panel above the IceTower.

► Do not remove the glass panel above the IceTower.

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

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

7.3.1 Removing / inserting the glass shelf

Make sure that the following requirements are fulfilled:

- ❑ Glass shelf under the drawer: Drawer has been removed. (see 7.1 Drawers)
- ❑ Pull-out board under IceTower: IceTower has been removed. (see 7.2 Pull-out board with IceTower)

Removing glass shelf

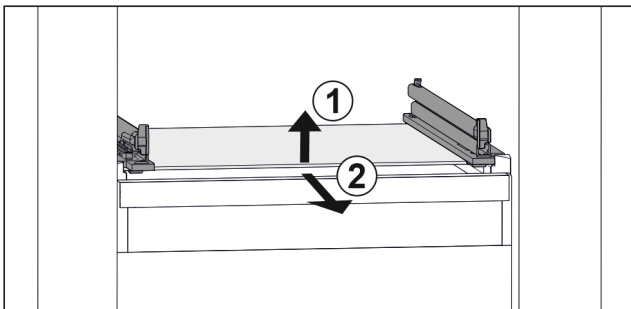


Fig. 39 Example illustration of glass shelf

- Lift glass shelf at the front. Fig. 39 (1)
- Remove glass shelf to the front. Fig. 39 (2)

Inserting the glass shelf

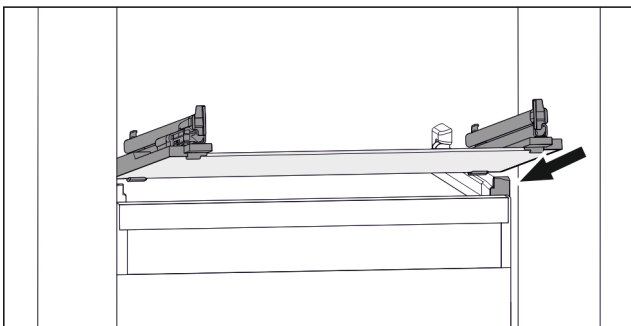


Fig. 40 Example illustration of glass shelf

- Position glass shelf at an angle behind the stoppers. (see Fig. 40)
- Lower glass shelf.
- Slide in glass shelf to the back.

7.4 IceMaker

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

Make sure that the following conditions are fulfilled

- IceMaker is cleaned (see 8 Maintenance) .
- IceMaker drawer is cleaned.
- IceMaker drawer is fully inserted.

7.4.1 Producing ice cubes

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

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

- Activate the IceMaker (see 6.2 Operating logic) .
- To make a large quantity of ice cubes: Activate the MaxIce (see 6.2 Operating logic) .
- Distribute ice cubes evenly in the drawer to increase its capacity.
- Close the drawer: The IceMaker starts making ice again.

Note

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

7.5 VarioSpace

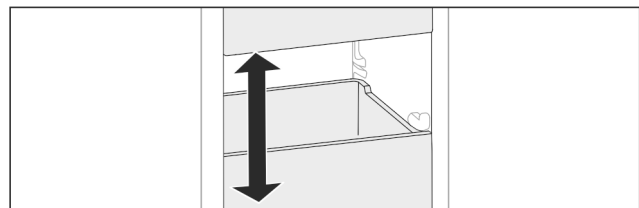


Fig. 41

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 bulky baked goods. You can then freeze these items whole for later preparation.

- Note the load limits on the drawers and glass panels (see 9.1 Technical specifications) .

7.6 Accessories

7.6.1 Freezer packs

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

The freezer packs are in the drawer.

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

Maintenance

Using the freezer packs

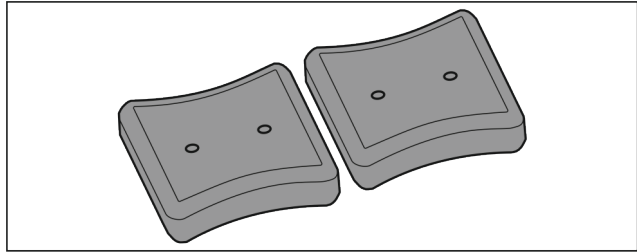


Fig. 42

When the freezer packs are fully frozen:

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

8 Maintenance

8.1 Disassembling / assembling pull-out systems

8.1.1 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 glass shelf	can be disassembled (see 8.1.2.1 Drawer on glass shelf)
Top tilting drawer	cannot be disassembled
Bottom drawer	cannot be disassembled
IceTower	can be disassembled (see 8.1.3 IceTower)

8.1.2 Drawer on telescopic rails

Drawer on glass shelf

Disassembling pull-out system

Make sure that the following requirements are fulfilled:

- ❑ Drawer has been removed.
- ❑ Glass shelf has been removed. (see 7.3 Glass shelves)

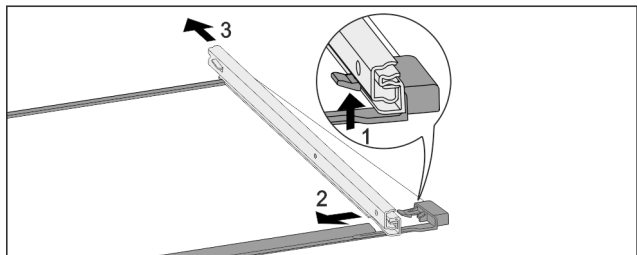


Fig. 43 Glass shelf with rails

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

Installing pull-out system

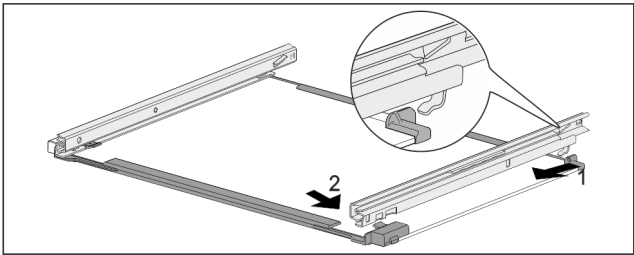


Fig. 44 Glass shelf with rails

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

8.1.3 IceTower

Disassembling pull-out system

Make sure that the following requirements are fulfilled:

- ❑ IceTower has been removed. (see 7.2 Pull-out board with IceTower)
- ❑ Glass shelf has been removed. (see 7.3 Glass shelves)
- Place pull-out board on a table.
- You are able to remove the rails more easily from the glass shelf.

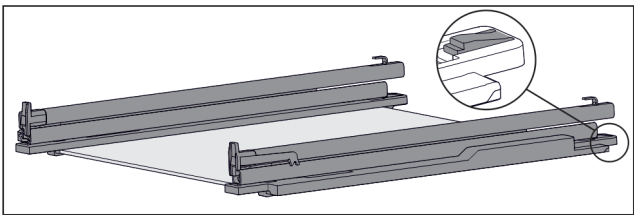


Fig. 45 Glass shelf with rails and retaining parts

- Press down retaining part at the rear (see Fig. 45) and simultaneously push rail back.

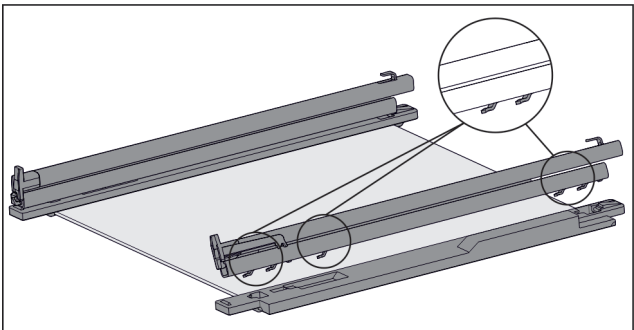


Fig. 46 Glass shelf with rails and retaining parts

- The rail hooks are released from the retaining part.
- Remove rail from retaining part.

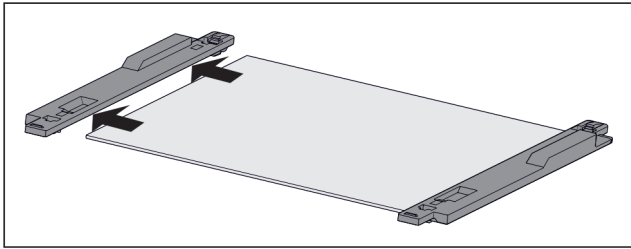


Fig. 47 Glass shelf with retaining part

- Remove retaining part from glass shelf sideways.

Installing pull-out system

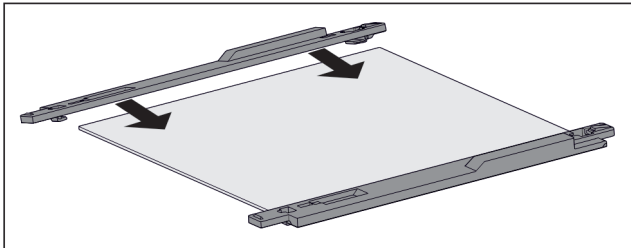


Fig. 48 Glass shelf with retaining part

- Fit retaining part on glass shelf.
- Push retaining part onto glass shelf as far as it will go.

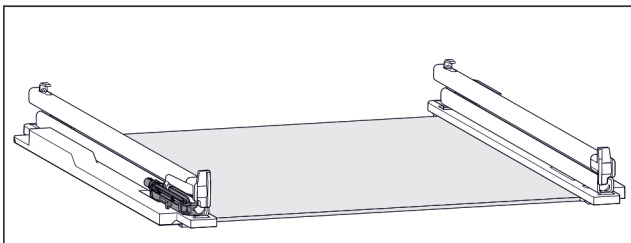


Fig. 49 Damping mechanism

The damping mechanism is attached to the left rail. (see Fig. 49) There is no damping mechanism attached to the right rail.

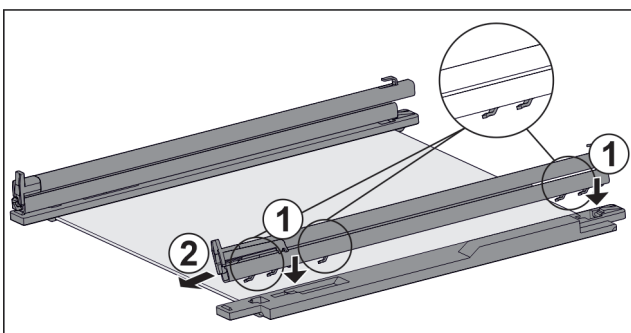


Fig. 50 Glass shelf with rails and retaining parts

Install rail **with** damping mechanism:

- Place rail hooks onto the openings of the **left** retaining part. Fig. 50 (1)
- Push rail forwards. Fig. 50 (2)
- ▷ Rail latches in audibly.

Install rail **without** damping mechanism:

- Place rail hooks onto the openings of the **right** retaining part. Fig. 50 (1)
- Push rail forwards. Fig. 50 (2)

- ▷ Rail latches in audibly.

8.2 Defrosting the appliance

8.2.1 Defrosting with NoFrost

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

The appliance does not have to be defrosted.

Note

Water droplets may collect on the bottom of the appliance.

When you decommission the appliance:

- Place a towel in front of the appliance to catch any water that may run out. (see 10 Decommissioning)

8.3 Cleaning the appliance

8.3.1 Preparation



WARNING

Danger of electric shock.

- Unplug refrigerator or disconnect power.



WARNING

Danger of fire

- Do not damage the refrigerant circuit.

- Empty appliance.

- Pull out the power plug.

8.3.2 Cleaning the housing

NOTICE

Improper cleaning!

Damage to the appliance.

- Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
- Do not use steel wool or sponges that scour or scratch.
- Do not use caustic or abrasive cleaning materials or those containing sand, chloride, or acids.



WARNING

Risk of injury or damage due to hot steam.

Hot steam can cause scalding/burns and damage to surfaces.

- Do not use 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.

Customer support

8.3.3 Cleaning the interior

NOTICE

Improper cleaning!
Damage to the appliance.

- ▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
- ▶ Do not use steel wool or sponges that scour or scratch.
- ▶ Do not use caustic or abrasive cleaning materials or those containing sand, chloride, or acids.

- ▶ Plastic surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.
- ▶ Metal surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.

8.3.4 Cleaning the equipment

NOTICE

Improper cleaning!
Damage to the appliance.

- ▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
- ▶ Do not use steel wool or sponges that scour or scratch.
- ▶ Do not use caustic or abrasive cleaning materials or those containing sand, chloride, or acids.

Clean with a soft, clean cloth, lukewarm water and a little washing up liquid:

- IceTower pull-out board
- Drawer
Please note: Do not remove the magnet on the drawer. The magnet ensures that the IceMaker functions.
- Freezer tray

Clean with a damp cloth:

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

Clean in the dishwasher up to 60 °C (140 °F):

- Ice cube scoop
- ▶ Disassemble the equipment: see the relevant section.
- ▶ Clean the equipment.

8.3.5 Cleaning the IceMaker

There are various options for cleaning the IceMaker.

We recommend cleaning in the following situations:

- ☐ Initial commissioning
- ☐ If out of use for longer than 5 days.

Make sure that the following requirements are met:

- ☐ IceMaker drawer is emptied.
- ☐ IceMaker drawer is fully inserted.
- ☐ The IceMaker has been activated. (see 6.2 Operating logic)

On first use or if not used for prolonged periods

Clean the IceMaker with TubeClean.

- ▶ Place a 1,5 l (1.59 qt) empty container (max. height 10 cm (3 15/16 in)) in the drawer under the IceMaker.
- ▶ Activate the TubeClean function. (see 6.2 Operating logic)
- ▷ The rinse process is prepared (max. 60 min.): The symbol flashes.
- ▷ Water pipes are rinsed: Symbol flashes.
- ▷ Rinsing process is complete: Function turns off automatically.
- ▶ Take out the IceMaker drawer and remove the container.
- ▶ Clean the IceMaker drawer with warm water and a little detergent.
- ▶ Push in the IceMaker drawer.
- ▷ Ice cube production starts automatically.
- ▶ Dispose of any ice cubes that are produced within 24 hours of the first ice cube production.

When cleaning is required

Clean the IceMaker manually.

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

8.3.6 After cleaning

- ▶ Wipe dry the appliance and items of equipment
- ▶ Connect and switch on the appliance.
- ▶ Activate SuperFrost (see 6.3 Functions) .
When the temperature is sufficiently cold
- ▶ Place the food inside.
- ▶ Repeat cleaning regularly.

9 Customer support

9.1 Technical specifications

Temperature zone	
Freezing	-28 °C (-18 °F) to -15 °C (5 °F)
Maximum freezing capacity / 24 hrs	
Freezer	See nameplate, "Freezing capacity ... /24h"

Max. equipment capacity			
Equipment	Appliance width 550 mm (21 5/8 in) (see installation instructions, appliance dimensions)	Appliance width 600 mm (23 5/8 in) (see installation instructions, appliance dimensions)	Appliance width 700 mm (27 9/16 in) (see installation instructions, appliance dimensions)
Drawer on glass shelf (see 7.1.1 Drawer on telescopic rails)	12 kg 26.46 lb	15 kg 33.07 lb	22 kg 48.50 lb
Bottom drawer (see 7.1.3 Bottom drawer)	--	11 kg 24.25 lb	19 kg 41.89 lb
Top tilting drawer (see 7.1.2 Top tilting drawer)	--	19 kg 41.89 lb	19 kg 41.89 lb

Ice cube production with IceMaker+	
Ice cube production / 24 h	At a temperature of -18 °C (-0 °F): 1,2 kg (2.65 lb) of ice cubes
Maximum ice cube production / 24 h	When the MaxIce function is active: 1,6 kg (3.53 lb) of ice cubes

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

9.2 Operating noises

The appliance makes noises while in operation.

- At **less cooling output** the appliance saves energy but takes longer to cool items. The volume is **lower**.
- At **a higher cooling output** the food cools more quickly. The volume is **higher**.

Examples:

- Activated functions (see 6.3 Functions)
- Running fan
- Freshly sorted food

- High ambient temperature
- Door opened for long periods

Noise	Possible cause	Type of noise
Bubbling and splashing	Coolant is flowing into the cooling circuit.	Normal noise
Spitting and hissing	Coolant is spraying into the cooling circuit.	Normal noise
Humming	The appliance cools. The volume depends on the cooling output.	Normal noise
Sipping noises	The self-closing door is being opened and closed.	Normal noise
Whirring and murmuring	The fan is running.	Normal operating noise
Clicking	Components are being switched on and off.	Normal switching noise
Rattling or humming	Valves are active.	Normal switching noise
Faint knocking, humming or buzzing*	The valve is active.	Normal operating noise

Noise	Possible cause	Type of noise	How to resolve
Vibration	Unsuitable setup	Error noise	Adjust the feet to make sure the appliance is horizontal.
Clattering	Equipment, Objects inside the appliance	Error noise	Secure equipment parts. Leave a gap between items.

9.3 Technical faults

Your appliance is designed and manufactured for reliable operation and a long service life. If a malfunction nonetheless occurs during operation, please check whether the malfunction is due to an operating error. In this case, you will have to be charged for the costs incurred, even during the warranty period.

You may be able to rectify the following faults yourself.

Customer support

9.3.1 Appliance function

Defect	Cause	Remedy
The appliance does not work.	The appliance is not switched on.	► Switch on the appliance.
	The power plug is not properly inserted in the wall socket.	► Check the power plug.
	The powerfuse in the wall socket is not OK.	► Check the fuse.
	Power failure.	► Keep the appliance closed. ► Protect your food: Lay freezer packs on top of the food or use another freezer if the power is off for a prolonged period. ► Do not re-freeze defrosted food.
	The appliance connector is not correctly inserted in the appliance.	► Check the appliance connector.
The temperature is not cold enough	This means that the door of the appliance is not closed properly	► Close the appliance door
	Insufficient ventilation	► Clear and clean the ventilation grille.
	The ambient temperature is too high	► Solution: (see 1.5 Range of appliance use) .
	The appliance was opened too frequently or for too long	► Wait to see whether the required temperature resets itself by itself. If not, contact Customer Service (see 9.4 Customer service) .
	Too much fresh food was placed inside without SuperFrost.	► Solution: (see SuperFrost)
	The temperature is incorrectly set	► Set to a colder temperature and check after 24 hours.
	The appliance is too near to a heat source (stove, heater etc).	► Change location of appliance or the heat source.
The door seal is defective or should be replaced for other reasons.	The door seal is interchangeable. You can replace it without the use of any special tools.	► Contact Customer Service (see 9.4 Customer service) .
The appliance is iced up or condensation is building.	The door seal may have slipped out of its groove.	► Check the door seal is well placed in the groove.
The outside surfaces of the appliance are hot*.	The heat of the refrigerant circuit is used to prevent condensate from forming	► This is normal.

9.3.2 Equipment

Defect	Cause	Remedy
The IceMaker cannot be switched on.	The appliance and therefore the IceMaker are not connected.	► Connect the appliance (see Installation Guide).
The IceMaker is not making any ice cubes.	The IceMaker is not switched on.	► Activate the IceMaker.
	The drawer of the IceMaker is not properly closed	► Close the drawer properly
	The water connection is not open	► Open the water connection
The interior light does not turn on.	The appliance is not switched on.	► Switch on the appliance.
	The door was open for longer than 15 min.	► The interior light automatically switches itself off if the door stays open for approx. 15 min.
	The LED interior light is faulty or the lid is damaged.	► Contact Customer Service (see 9.4 Customer service) .

9.4 Customer service

First check if you can fix the error yourself (see 9 Customer support) . If this is not the case, please contact customer service.

Please refer to the enclosed “Liebherr Service” brochure for the address.



WARNING

Unprofessional repair!
Injuries.

- A damaged power cable may only be replaced by the manufacturer, the manufacturer's Customer Service or a similarly qualified person.
- For appliances with plug and play connection cables, the change can be made by the customer.

9.4.1 Contact Customer Service

Make sure to have the following appliance information to hand:

- ☐ Appliance name (model and index)
- ☐ Service no. (service)
- ☐ Serial no. (S no.)
- Showing appliance info on the display (see Info) .
- or-
- Referring to appliance info on the nameplate (see 9.5 Rating plate) .
- Take note of the appliance information.
- Inform Customer Service: Tell us the problem and the appliance details.
- ▷ This will help us give you fast and accurate support.
- Further instructions from customer service will follow.

9.5 Rating plate

The nameplate is located behind the drawers on the inside of the appliance.

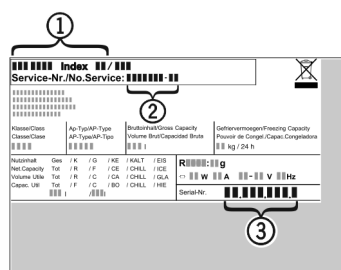


Fig. 51

- (1) Appliance name
 - (2) Service no.
 - (3) Serial no.
- Information from the nameplate.

10 Decommissioning

- Empty appliance.
- Switch off the IceMaker .
- Switch off the appliance .
- Pull out the power plug.
- Remove the appliance connector if necessary: Pull it out and, at the same time, move it from the left to the right.
- Place a towel in front of the appliance to catch any water that may run out.
- Clean the appliance (see 8.3 Cleaning the appliance) .
- Leave the door open to prevent bad smells

Disposal

11 Disposal

11.1 Preparing the appliance for disposal



WARNING

Risk of child entrapment!

Before you throw away your old refrigerator or freezer:

- ▶ Take off the doors.
- ▶ Leave the shelves in place so that children may not easily climb inside.



Li-Ion

Liebherr uses batteries in some of its appliances. You should remove these before disposal of the old appliance for environmental reasons. If your appliance contains batteries, a corresponding notice is attached to the appliance.

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

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

11.2 Disposing of the appliance in an environmentally friendly manner



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



Li-Ion



Li-Ion

Dispose of batteries separately from the old appliance. Certain batteries should NOT go in household garbage or recycling bins. Waste batteries can always be recycled or taken to household hazardous waste collection points. To prevent fires from lithium-ion batteries, tape battery terminals and/or place batteries in separate plastic bags and never put these batteries in household garbage or recycling bins.

Lamps Dispose of removed lamps via the respective collection systems.

For USA:

Check the Responsible Appliance Disposal (RAD) program to find a RAD partner near you.

For Canada:

Follow your local guidance about recycling and disposal capabilities near you.



WARNING

Leaking refrigerant and oil!

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

- ▶ Do not damage the pipelines of the coolant circuit and the compressor.
- ▶ Transport the appliance away without damaging it.
- ▶ Dispose of batteries, lamps, and the appliance according to the above specifications.



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EN Freezer

Issue date: 20230301

Part number index: 7088351-00

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