

Quality, Design and Innovation





LIEBHERR

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

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

These operating instructions apply to:

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

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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:

- Built-in appliance
- Features (depending on the model)
- Installation materials (depending on the model)
- "Quick Start Guide"
- "Installation Guide"

1.2 Overview of the appliance and equipment

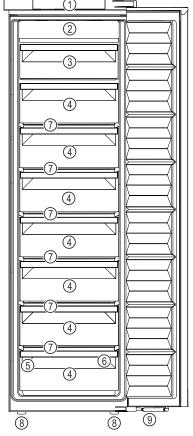


Fig. 1 Example illustration

- (1) Controls
- (2) NoFrost
- (3) Tilting drawer
- (4) Drawer
- (5) Type plate
- (6) Freezer tray
- (7) VarioSpace
- (8) Adjustable feet
- (9) Closing damper

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.

SmartDeviceance:

Your appliance is compatible for use compatible appli- with the SmartDeviceBox. You must first purchase and install the Smart-DeviceBox. In order to connect your appliance to the WiFi, you need to download the SmartDevice app.



about SmartDe-

vice:

Purchasing SmartDeviceBox in the Liebherr-Hausgeräte store:

Downloading SmartDevice app:

information smartdevice.liebherr.com

the home.liebherr.com/shop/de/deu/ smartdevicebox.html



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.

You cannot use the SmartDeviceBox.

1.4 Appliance range of use

Intended use

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

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

All other types of use are not permitted.

General safety instructions

Foreseeable misuse

The following applications are expressly forbidden:

- Storing and refrigerating medicines, blood plasma, laboratory preparations or similar substances and products based on the Medical Device Directive 2007/47/EC
- Use in outdoor areas with very high humidity
- 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
Т	16 °C to 43 °C
SN-ST	10 °C to 38 °C
SN-T	10 °C to 43 °C

1.5 Conformity

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

The full text of the EU Declaration of Conformity is available on the following website: www.Liebherr.com

2 General safety instructions

Please keep these instructions in a safe place and pass them on to any subsequent owners. 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.
- If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.
- Only customer service or other specially trained staff may repair or perform other operations on the appliance.
- Only install, connect and dispose of the appliance according to the instructions.
- Only use the appliance when is installed.
- Special lights, such as LED lights on the appliance, are used to illuminate the interior of the appliance and are not suitable for room lighting.

Fire hazard:

- This appliance contains a refrigerant which is environmentally friendly, but flammable. Leaking refrigerant may ignite. It is hazardous for anyone other than an Authorised Service Person to service this appliance. In Queensland, the authorised Service Person MUST hold a Gas Work Authorisation for hydrocarbon refrigerants, to carry out Servicing or repairs where the gas system is being opened or charged.
- 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.
- WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- WARNING: Do not damage the refrigerant circuit.
- 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.
- Do not consume ice cream, water ice or ice cubes immediately and do not consume them too cold.

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:

<u> </u>	DANGER	indicates an immediately hazardous situation which will lead to death or serious injuries if it is not avoided.
<u> </u>	WARNING	indicates a hazardous situation which may lead to death or serious injuries if it is not avoided.
<u> </u>	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 display

You operate your appliance using the Touch display. You select appliance functions in the Touch 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.

Functionality of the Touch display

Symbol	Description
	Press the Next navigation arrow:
	Navigates to the next option in the menu.
	Press the Back navigation arrow: Jumps back one option in the menu.
	Press the navigation arrow several times in succession: Navigates in the menu to the desired function.
	Press the Confirm symbol: Activates/deactivates function. Opens submenu.
Back S	Press the Confirm symbol together with the back icon: Jumps back one menu level.
→	Arrow with clock: It takes more than 10 seconds for the following message to appear in the display.
2s 5s 10s	Arrow with a time indication: It takes the specified amount of time until the following message appears in the display.
	"Open Settings menu" symbol: Navigates to the Settings menu and opens the settings menu. If necessary: Navigate to
	the desired function in the Settings menu. (see 3.2.1 Opening the Settings menu)
	"Open Advanced menu" symbol: Navigates to the Advanced menu and opens the advanced menu. If necessary: Navigate to the desired function in the Advanced menu. (see 3.2.2 Opening the Advanced menu)

Symbol	Description
No action for 10 seconds	If you do not perform any action on the display for 10 seconds, the display either jumps back to the higher-level menu or directly to the status display.
Opening door and closing it again	If you open the door and immediately close it again, the display jumps directly back to the status display.

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

3.2 Menus

The appliance functions can be found in various menus.

Menu	Description		
Main menu	When you switch the appliance on, you are automatically in the main menu.		
	From here you can navigate to the most important appliance functions, to the Settings menu and to the Advanced menu.		
£ ()	The Settings menu contains additional appliance functions for setting up your appliance.		
Settings Settings menu	(see 3.2.1 Opening the Settings menu)		
Advanced menu	The advanced menu contains special appliance functions for setting up your appliance. Access to the Advanced menu is protected by the numerical code 151 . (see 3.2.2 Opening the Advanced menu)		

3.2.1 Opening the Settings menu

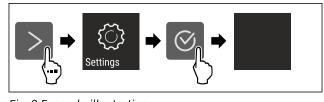


Fig. 2 Example illustration

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

3.2.2 Opening the Advanced menu



Fig. 3

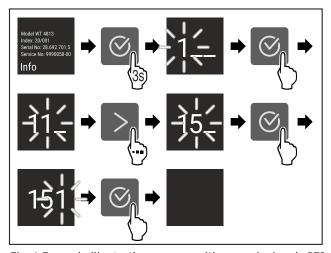


Fig. 4 Example illustration, access with numerical code 151

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

3.3 Sleep mode

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

3.3.1 Ending sleep mode

- ► Press any navigation key.
- Sleep mode is ended.

4 Putting into operation

4.1 Switching on appliance (first use)

Make sure that the following requirements are fulfilled:

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

Switch on the appliance using the Touch display:

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

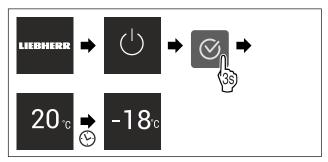


Fig. 5 Example illustration

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

More information:

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

Note

The manufacturer recommends:

- ▶ Store frozen foods at -18 °C or colder.
- Observe the notes on storing food. (see 5.1 Information regarding storage)

Note

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

5 Storage

5.1 Information regarding storage



WARNING

Risk of fire

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

Note

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

Always keep air slots clear.

Observe the following specifications for storage:

- Keep the air vents on the inside of the rear wall 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 the quantity to be frozen, you can activate SuperFrost before freezing in order to achieve lower freezing temperatures. (see SuperFrost)

Saving energy

► Activate SuperFrost if the amount of food you have to freeze is more than approx. 2 kg.

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

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

Arranging your food properly



CAUTION

Risk of injury from broken glass!

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

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

Appliance height < 1220 mm			
Freezing quantity	Arranging your food properly		
Small amount of food to freeze	Distribute packaged groceries throughout all drawers. If possible, place groceries at the back of the drawer near the rear wall.		
Maximum amount of food to freeze	Distribute packaged groceries throughout all drawers. If possible, place groceries at the back of the drawer near the rear wall.		

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

5.2.2 Defrosting food



WARNING

Risk of food poisoning!

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

You can defrost food in several ways:

- In 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.

▶ Distribute food on the freezer tray without packaging and well spaced out.

5.3 Storage times

Refer to the specified storage times as a guide.

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

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

6 Saving energy

- Pay attention to good ventilation. Do not cover ventilation holes or grids.
- Always keep the fan air slits clear.
- Do not install the appliance in direct sunlight or near radiators or similar sources of heat.
- If the appliance is installed directly next to an oven, the energy consumption may increase slightly. This is dependent on the service life and usage intensity of the oven.
- Energy consumption depends on the installation conditions, e.g. the ambient temperature (see 1.4 Appliance range of use) . A warmer ambient temperature can increase the energy consumption.
- Open the appliance for as short a time as possible.
- The lower the temperature is set the higher the energy consumption.
- Keep all food properly packed and covered. This prevents frost from forming.
- Inserting warm food: allow to cool down to room temperature first.

7 Controls

7.1 Controls and displays

7.1.1 Status display



Fig. 6

(1) Temperature display

The Status display shows the set temperature 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
\bigcirc	Standby The appliance or temperature zone is switched off.
-\frac{1}{5\sqrt{0}}	Flashing number Appliance is working. Temperature flashes until the set value is reached.
	Flashing symbol Appliance is working. Setting is made.
	Bar grows steadily Function is activated.

7.2 Appliance functions

7.2.1 Notes on the appliance functions

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

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

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



Switching the appliance off and on

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

Switching off the appliance

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

Make sure that the following requirements are fulfilled:

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



Fig. 7

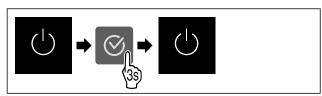


Fig. 8

- ► Carry out action steps according to the illustration.
- > Appliance is switched off.
- Display turns black.

Switching on the appliance

If the display is in sleep mode:

Press any navigation key.

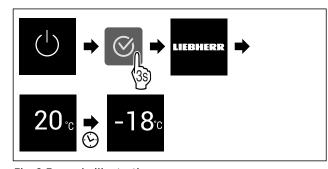


Fig. 9 Example illustration

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



WiFi

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

To connect your device to WiFi, you need the SmartDevi-

More information on the SmartDevice: (see 1.3 SmartDevice)

Note

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

You cannot use the SmartDeviceBox.

Establishing the WiFi connection for the first time

Make sure that the following requirements are fulfilled:

- ☐ You have purchased and inserted a SmartDeviceBox. (see 1.3 SmartDevice)
- ☐ You have installed the SmartDevice app (see apps.home.liebherr.com).
- Registration in the SmartDevice app is completed.



Fig. 10

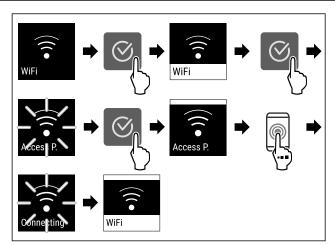


Fig. 11

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

Disconnecting from the WiFi



Fig. 12

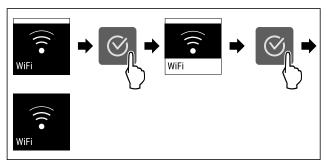


Fig. 13

- ► Carry out action steps according to the illustration.

Resetting the WiFi connection



Fig. 14

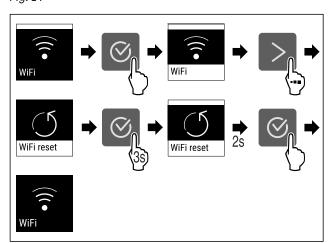


Fig. 15

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

Showing information about the WiFi connection



Fig. 16

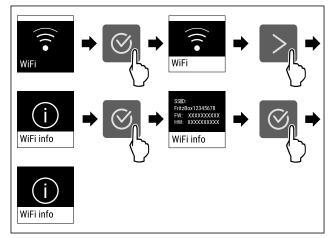


Fig. 17

Carry out action steps according to the illustration.

-18° Temperature

Use this function to set the temperature.

The temperature depends on the following factors:

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

Freezer compartment Recommended setting

-18℃

-18 °C

Setting temperature

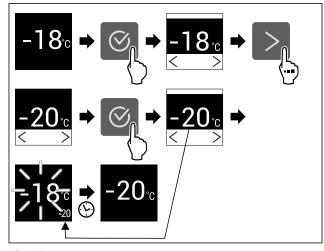


Fig. 18

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



Temperature unit

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

Setting the temperature unit



Fig. 19

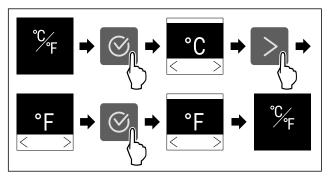


Fig. 20 Example illustration: Switch from degrees Celsius to degrees Fahrenheit.

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



SuperFrost

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

Application:

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

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

Activating SuperFrost

Make sure that the following requirements are fulfilled:

☐ Freezing quantity and time for activation of SuperFrost are taken into account. (see Freezing food using SuperFrost)



Fig. 21

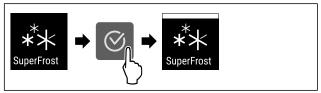


Fig. 22

Carry out action steps according to the illustration.

SuperFrost is activated.

Deactivating SuperFrost

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

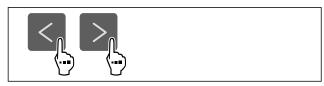


Fig. 23

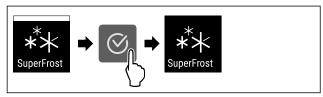


Fig. 24

- ► Carry out action steps according to the illustration.
- SuperFrost is deactivated.
- ▶ The appliance continues to run in normal mode.
- \triangleright The appliance cools to the temperature set previously.



Start defrosting cycle

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

Starting defrosting cycle



Fig. 25

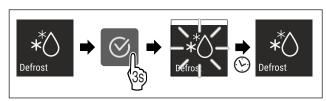
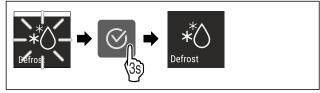


Fig. 26

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

Cancelling defrosting cycle

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



Fia 2

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

Controls



PartyMode

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

PartyMode activates the following functions:

- SuperFrost

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

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

Activating PartyMode

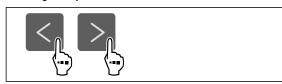


Fig. 28

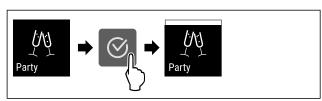


Fig. 29

- ► Carry out action steps according to the illustration.
- ▶ PartyMode and the associated functions are activated.
- > The current temperature flashes until the target temperature is reached.

Deactivating PartyMode

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



Fig. 30

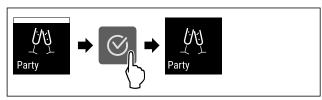


Fig. 31

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



SabbathMode

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

Device status when SabbathMode is active

The status display shows SabbathMode permanently.

All functions on the display are locked except for the **Deactivate SabbathMode function**.

Active functions remain active.

The display remains bright when you close the door.

Reminders are not implemented. The set time interval stops.

Reminders and warnings are not displayed.

There is no door alarm.

There is no temperature alarm.

The defrosting cycle operates only for the specified time, without considering the device consumption.

After a power failure, the device returns to SabbathMode.

Device status

Note

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

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

Activating SabbathMode



WARNING

Danger of food poisoning from spoiled food!

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

After a power failure:

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



Fig. 32

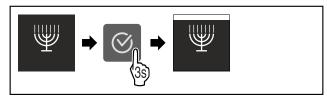


Fig. 33

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

Deactivating SabbathMode

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

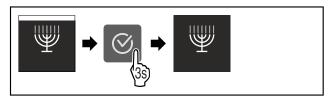


Fig. 34

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



E-Saver

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

Temperature zone	Recommended setting (see Temperature)	Temperature with active E-Saver
-18°c	-18 °C	-16 °C

Temperatures

Activating E-Saver

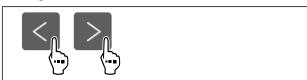


Fig. 35



Fig. 36

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

Deactivating E-Saver



Fig. 37



Fig. 38

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



Display brightness

Use this function to set the display brightness in stages.

You can select the following brightness levels:

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

Setting the display brightness



Fig. 39

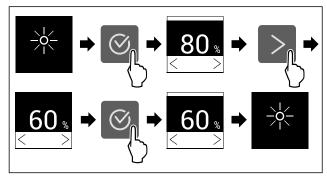


Fig. 40 Example illustration: Switch from 80 % to 60 %.

- ► Carry out action steps according to the illustration.
- > The display brightness is set.



Door alarm

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

The following values can be set:

- 1 minute
- 2 minutes
- 3 minutes
- Off

Setting the door alarm



Fig. 41

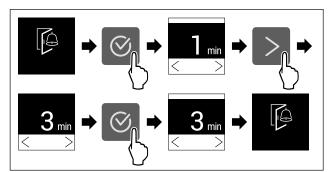


Fig. 42 Example illustration: Change door alarm from 1 minute to 3 minutes.

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

Controls

Deactivating the door alarm



Fig. 44

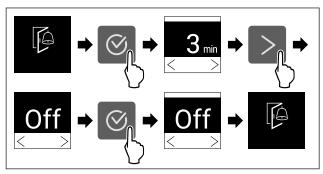


Fig. 45

- ► Carry out action steps according to the illustration.
- > The door alarm is deactivated.



Input lock

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

Application:

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

Activating the input lock

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



Fig. 46

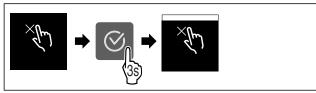


Fig. 47

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

Deactivating the input lock



Fig. 48

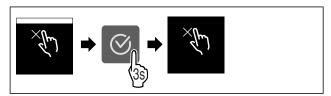


Fig. 49

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



Device information

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

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

Indicating the device information



Fig. 50



Fig. 51

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



Software

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

Indicating the software version



Fig. 52



Fig. 53

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



Demo mode

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

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

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

Activating demo mode



Fig. 54

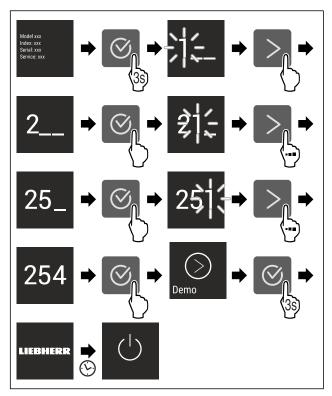


Fig. 55

- 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. 56

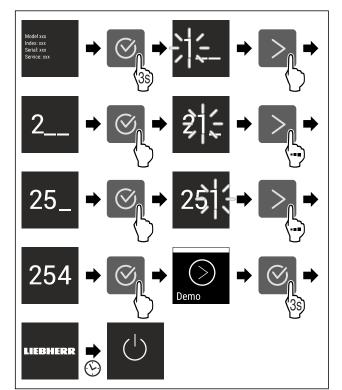


Fig. 57

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



Resetting to factory settings

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

Performing a reset



Fig. 58



Fig. 59

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

7.3 Fault messages

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

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

7.3.1 Warnings



Close the door

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

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

► Stop alarm: Confirm the message.

-or-

► Close the door.



Power cut

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

- ► Stop alarm: Confirm the message.
- > Temperature alert appears (see Temperature alarm).

Features



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.



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 appliance base or glass shelf

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

When you remove the drawers, you can use the glass shelves below them as storage shelves.

Removing drawer

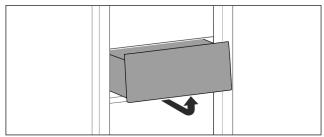


Fig. 60

▶ Remove drawer as shown in the illustration.

Inserting drawer

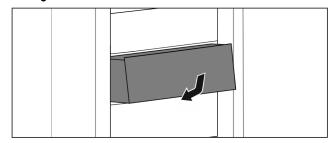


Fig. 61

▶ Insert drawer as shown in the illustration.

8.1.2 Top tilting drawer

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

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

Removing drawer

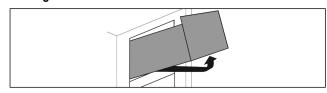


Fig. 62

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

Inserting drawer

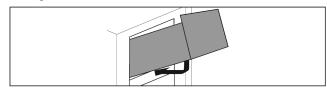


Fig. 63

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

8.1.3 Drawer on moulded rib

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

Removing drawer

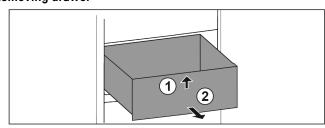


Fig. 64

- ▶ Pull out drawer as far as it will go.
- ► Lift up drawer at the front. Fig. 64 (1)
- Remove drawer to the front. Fig. 64 (2)

Inserting drawer

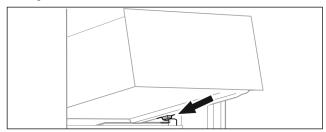


Fig. 65

- ► Place drawer at an angle behind the stoppers on the moulded rib. (see Fig. 65)
- Lower drawer.
- ▶ Slide in drawer to the back.

8.2 Glass shelves

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

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

8.2.1 Removing / inserting the glass shelf under the tilting drawer

The glass shelf is located under the top tilting drawer.

Make sure that the following requirements are fulfilled:

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

Removing glass shelf

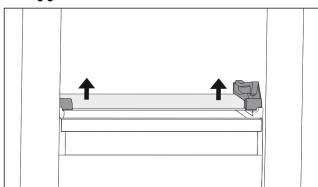


Fig. 66 Tilting drawer glass shelf

- Push glass shelf upwards from below on both sides. (see Fig. 66)
- ► Take out the glass shelf to the front.

Inserting glass shelf

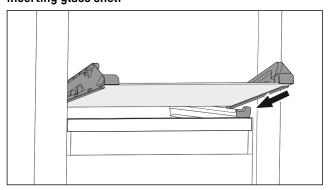


Fig. 67 Tilting drawer glass shelf

- Position glass shelf at an angle behind the stoppers. (see Fig. 67)
- Lower glass shelf.
- Slide in glass shelf to the back.

8.2.2 Removing / inserting the glass shelf

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

Make sure that the following requirements are fulfilled:

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

Removing glass shelf

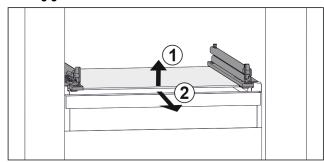


Fig. 68 Example illustration of glass shelf

- ▶ Lift glass shelf at the front. Fig. 68 (1)
- ► Take out glass shelf to the front. Fig. 68 (2)

Inserting glass shelf

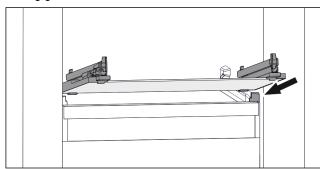


Fig. 69 Example illustration of glass shelf

- Position glass shelf at an angle behind the stoppers. (see Fig. 69)
- ► Lower glass shelf.
- ► Slide in glass shelf to the back.

8.3 VarioSpace

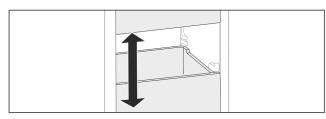


Fig. 70

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).

9 Maintenance

9.1 Disassembling / assembling pullout systems

9.1.1 Notes on disassembly

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

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

Pull-out system	can be disassembled / cannot be disassembled	
Drawer on appliance base or glass shelf	cannot be disassembled	
Top tilting drawer	can be disassembled (see 9.1.2 Top tilting drawer)	
Drawer on moulded rib	can be disassembled (see 9.1.3 Drawer on moulded rib)	

9.1.2 Top tilting drawer

Disassembling pull-out system

Make sure the following prerequisites are met:

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

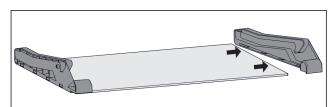


Fig. 71 Glass shelf with side parts

▶ Pull off side part from glass shelf sideways.

Installing pull-out system

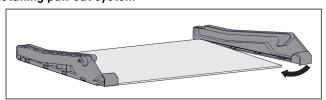


Fig. 72 Glass shelf with side parts

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

9.1.3 Drawer on moulded rib

Disassembling pull-out system

Make sure the following prerequisites are met:

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

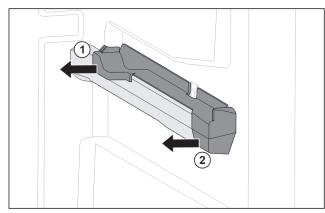


Fig. 73 Attachment on the right moulded rib

- ► Grab attachment at the back from below.
- ▶ Pull off attachment at the back sideways. Fig. 73 (1)
- ▶ Pull off attachment at the front sideways. Fig. 73 (2)

Installing pull-out system

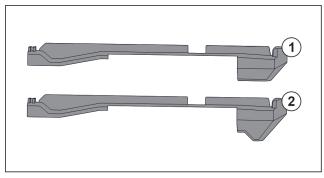


Fig. 74 Comparing attachments

There are two different attachments in the appliance. The attachment above the lowest drawer Fig. 74 (2) has a three-cornered edge. All other attachments Fig. 74 (1) have a straight edge.

- ► Fit attachment Fig. 74 (2) with the three-cornered edge above the lowest drawer.
- ▶ Fit attachment Fig. 74 (1) with straight edge in all other positions.

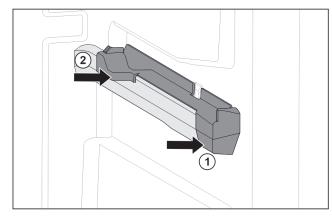


Fig. 75 Attachment on the right moulded rib

- Position attachment on moulded rib at the front. Fig. 75 (1)
- ▶ Press on attachment at the back. Fig. 75 (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.

9.3 Cleaning the appliance

9.3.1 Ready



WARNING

Danger of electric shock!

Remove the refrigerator connector or interrupt the power supply.



WARNING

Risk of fire

- ▶ Do not damage the refrigeration circuit.
- ► Empty the appliance.
- ► Remove mains connector.

9.3.2 Cleaning the interior

NOTICE

Improper cleaning!

Damage to the appliance.

- Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
- Do not uses abrasive sponges or steel wool which may cause scratches.
- ▶ Do not use any sharp or abrasive cleaning agents, nor any that contain sand, chloride or acid.
- Plastic surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.
- Metal surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.

9.3.3 Clean the components

NOTICE

Improper cleaning!

Damage to the appliance.

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

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

- Drawer
- Freezer tray

Wash in the dishwasher up to 60 °C:

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

9.3.4 After cleaning

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

10 Customer help

10.1 Technical specifications

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

Maximum	freezing qu	uantit	:y/24 h				
Freezer ment	compart-	See the t	"Freezing type plate	capacity	/24	h"	on

Maximum component capacity			
Features	Appliance width 550 mm (see installation instructions, appliance dimensions)		Appliance width 700 mm (see installation instructions, appliance dimensions)
Drawer on glass shelf (see 8.1.1 Drawer on appliance base or glass shelf)	12 kg	15 kg	
Drawer on moulded rib (see 8.1.3 Drawer on moulded rib)	14 kg	19 kg	19 kg

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 n	
Bubbling and splashing	Coolant flowing into the cooling circuit.	Normal operating noise
Hissing	Coolant sprays into the cooling circuit.	
Humming	The appliance is cooling. The volume depends on the cooling output.	Normal operating noise
Suction noises	Soft-closing door is being opened and closed.	

Customer help

Noise	Possible cause	Type of noise
Humming an rustling	The fan is running.	Normal operating noise
Clicking	Components are switched on and off.	
Rattling continuity	Valves or flaps are working.	Normal switching noise

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

10.3 Technical fault

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

You can fix the following faults yourself.

10.3.1 Appliance function

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

Defect	Cause	Remedy
The appliance builds up too much ice or condensation.	l constant	► Check that the door seal is well fitted in the groove.

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 at home.liebherr.com/service.



WARNING

Unprofessional repair! Injuries.

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

10.4.1 Contacting Customer Service

Make sure that the following appliance information is available:

- Appliance name (model and index)
- ☐ Service no. (Service)
- ☐ Serial no. (S no.)
- ► Call up the appliance information via the display. (see Device information)

-or-

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

10.5 Model plate

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

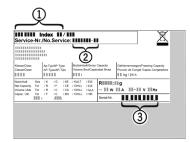


Fig. 76

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

11 Shutting down

- ► Empty the appliance.
- ► Switch off appliance. (see Switching the appliance off and on)
- ► Remove mains connector.
- ► Remove appliance connector if required: Remove and move from left to right at the same time.
- Clean appliance. (see 9.3 Cleaning the appliance)
- ► Leave the door open, so that no unpleasant odours arise.

12 Disposal

12.1 Preparing appliance for disposal



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

Lamps

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

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

12.2 Disposing of the appliance in an environmentally friendly manner



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





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

Lamps

Dispose of removed lamps via the respective collection systems.

Disposal



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.

- external heat source.Do not damage the pipelines of the coolant circuit and the compressor.
- ▶ Observe the notes on transporting the appliance.
- ► Transport the appliance without damaging it.
- ▶ Dispose of batteries, lamps and the appliance according to the above specifications.



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Integrated freezer