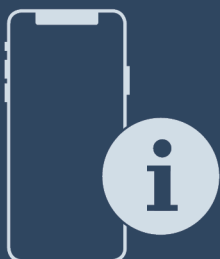


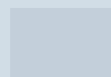


User Guide

Quality, Design and Innovation



home.liebherr.com/fridge-manuals



LIEBHERR

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

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

Open source licences:

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

This user information applies to the following appliances:

CBN..	88..
-------	------

Note

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

1 General safety information

Keep this user information in a safe place so that you can refer to it at any time.

If you pass on the appliance, pass this user information on to subsequent owners.

To use the appliance properly and safely, read this user information carefully before installation and use. Always follow the instructions, safety instructions and warnings contained therein. They are important so that you can install and operate the appliance safely and properly.

1.1 Intended use

- This appliance is intended for household use and similar applications such as:
 - in staff kitchen areas in shops, offices and other work areas
 - in agriculture and by guests in hotels, motels and other accommodation
 - bed and breakfasts
 - in catering and similar wholesale operations
- Further uses:
 - All other types of application are impermissible.

1.2 Foreseeable erroneous use

The following applications are expressly prohibited:

- Storage and cooling of:
 - Chemically unstable, flammable or corrosive substances
 - Explosive substances, such as aerosol containers with flammable propellant gas
 - Medication, blood plasma, laboratory compounds or similar substances and products subject to the Medical Device Directive 2007/47/EC
- Use in explosive areas

Improper use of the appliance will result in damage or spoilage of the stored foods.

1.3 Climate classes

Depending on its climate class, the appliance is designed for operation within certain ambient temperature limits. The climate class for your appliance is printed on the type plate.

Note

- In order to guarantee fault-free operation comply with the specified ambient temperatures.

Climate class	for ambient temperatures from
SN	10 °C to 32 °C
N	16 °C to 32 °C
ST	16 °C to 38 °C
T	16 °C to 43 °C
SN-ST	10 °C to 38 °C

Climate class	for ambient temperatures from
SN-T	10 °C to 43 °C

1.4 User group

- This appliance must not be used by persons (including children) with reduced physical, sensory or mental capabilities, or by persons with a lack of experience and knowledge, unless they are supervised by a person responsible for their safety or have been given instructions on how to use the appliance. Children must be supervised to ensure that they do not play with the appliance.
- Children aged between 3 and 8 are allowed to load and unload the fridge-freezer.

1.5 Warning notices – Risks for the user

- WARNING: Keep ventilation openings in the equipment housing or in installations clear of obstructions.
- WARNING: Do not use any mechanical devices or other means to speed up the defrosting process other than those recommended by the manufacturer.
- WARNING: Do not damage the coolant circuit.
- WARNING: Do not operate electrical appliances inside the refrigerator/freezer compartment that are not of the type recommended by the manufacturer.
- WARNING: When installing the appliance, ensure that the mains lead is not trapped or damaged.
- WARNING: Do not place portable multiple sockets or power supply units at the rear of the appliance.

Once the appliance has been installed, it must still be possible to disconnect it from the mains.

- Accessible mains plug (above, below or next to the appliance)
- Tripping of the fuse in the building's electrical installation in accordance with the installation regulations.



WARNING: Fire hazard/flammable substances.

The symbol is located on the compressor and may also appear in other places on the appliance. It marks the danger posed by flammable substances. Do not remove the sticker.

- The more refrigerant there is in the appliance, the larger than room must be in which it is located. In rooms that are too small, a leak can product a flammable gas/air mixture. For every 8 g of refrigerant, the installation room must be at least 1 m³ in size. Information on the refrigerant contained is given on the type plate inside the appliance.
- Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- Package raw meat or fish in clean, closed containers. This will prevent meat or fish from touching or dripping onto other food.
- If the fridge-freezer is left empty for a long period, switch it off, defrost it, clean it, dry it and leave the door open to prevent mould from forming.
- Avoid prolonged skin contact with cold surfaces or with cold food. Use gloves for protection, for example.
- Alcoholic beverages and other containers bearing alcohol must be sealed tight for storage. Any leaking alcohol may ignite due to electrical parts.
- Only open the door for a short time. This prevents the temperature inside the appliance from rising.

Appliance at a glance

- Do not reach between the door and the appliance when opening and closing. Fingers may become trapped.
- Do not place any items in the front section of the bottom glass shelf to ensure that the appliance door closes properly. (see 5.2 Fridge compartment) (see 8.1 Door rack)
- **WARNING:** This appliance must be secured in accordance with the instruction manual to prevent any risks arising from a lack of stability.
- Follow the instructions for installation and connection.

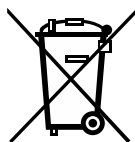
Appliances with fixed water connection:

- **WARNING:** Connect only to the drinking water supply.
- Observe the connection values for the water supply.
- Only connect the appliance to the drinking water supply using a new set of hoses. Do not reuse old hose sets, dispose of them instead.
A new set of hoses is supplied with the appliance.
- Rinse the water system if no water has been drawn for more than 5 days.

1.6 Faults, damage and repairs

- Mains connection with cooling appliance plug:
If the mains lead of this appliance is damaged, it must be replaced with a special connection line available from the manufacturer or its customer service department. The customer may make the change.
- Repairs and interventions on the appliance may only be carried out by the customer service or by other qualified personnel trained for this purpose.
- In the event of malfunctions and appliance faults, pull out the mains plug or switch off the fuse. Always hold the plug when pulling out the mains plug. Never tug on the cable.

1.7 Information concerning disposal



The crossed-out rubbish bin symbol is a note that the appliance must not be disposed of with unsorted household waste and must be placed in a separate collection. It contains recyclable materials and may be reusable.



The symbol may be found on the compressor. It pertains to the oil in the compressor and indicates the following danger: **Can be fatal if swallowed or with penetration of the respiratory tract.** This information is only significant for recycling. No risk exists with normal use.



This or a similar sticker may be on the rear of the appliance. It indicates that there are vacuum insulation panels (VIP) or perlite panels in the door and/or housing. This information is only significant for recycling. Do not remove the sticker.

- The old appliance must be properly and therefore professionally disposed of in accordance with the local applicable regulations and legislation. When transporting the old appliance do not damage the refrigerant circuit, so that the refrigerant inside (information on the type plate) and the oil do not leak out uncontrolled.
- For Germany: The appliance can be disposed of free of charge via the class 1 collection containers at the local recycling/reusable material centres. When purchasing a new refrigerator/freezer and a sales area > 400 m², the old appliance is also taken back free of charge via the trade.
- EU: Please check with your local authorities to find out how to dispose of old appliances.

1.8 Conformity

The coolant circuit has been tested for leak-tightness. The appliance complies with the relevant safety regulations and directives.

The full text of the EU Declaration of Conformity is available at the following web address: www.liebherr.com

The BioFresh compartment fulfils the requirements of a chiller compartment in accordance with DIN EN 62552:2020.

1.9 SVHC substances in accordance with the REACH Regulation

- You can use the following link to check whether your appliance contains SVHC substances in accordance with the REACH Regulation:
<https://go.liebherr.com/z3eewm>

1.10 EPREL database

- From 1 March 2021, the information on energy labelling and eco-design requirements will be available in the European product database (EPREL). The product database can be accessed via the following link <https://eprel.ec.europa.eu/>. Here, you are asked to enter the model identifier. You will find the model identifier on the type plate.

1.11 Open source licences

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

1.12 Spare parts

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

1.13 Warning levels

 DANGER	Identifies an immediately dangerous situation that will result in death or serious bodily injuries if it is not prevented.
 WARNING	Identifies a dangerous situation that could result in death or serious bodily injury if it is not prevented.
 CAUTION	Identifies an immediately dangerous situation that could result in slight or moderate injuries if it is not prevented.
ATTENTION	Identifies a hazardous situation that could result in property damage if it is not prevented.
Note	Identifies useful information and tips.

2 Appliance at a glance

2.1 Scope of delivery

Check all parts for transport damage. Contact your dealer or customer service in the event of complaints.

Your new appliance comes with the following parts:

- Standalone appliance
- Features (depending on the model)
- Installation materials (depending on the model)
- "Quick Start Guide"
- "Installation Guide"
- Service Brochure

2.2 Overview of the appliance and equipment

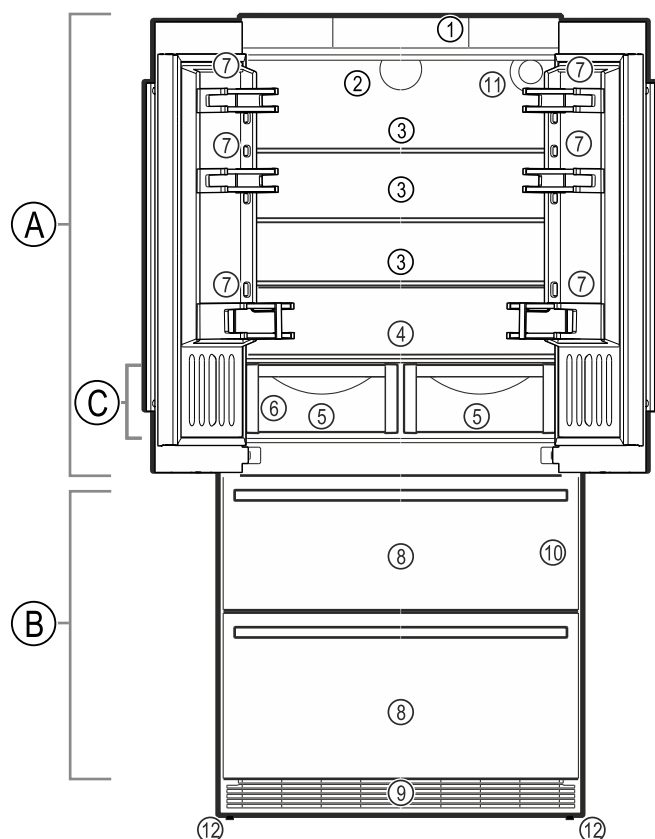


Fig. 1 Example illustration

Temperature range

- (A) Fridge section (C) BioFresh
(B) Freezer section

Equipment

- | | |
|---|--------------------------------------|
| (1) Controls | (7) Door rack |
| (2) Fan with FreshAir activated charcoal filter | (8) Freezer section: Telescopic unit |
| (3) Shelf | (9) Ventilation grille |
| (4) Integrated bottle rack | (10) IceMaker |
| (5) BioFresh Safe | (11) Water filter |
| (6) Type plate | (12) Adjustable foot |

3 Functionality of the controls

You operate your appliance with the touchbuttons.

You can activate or deactivate functions by touching the respective symbol.

The exact point of contact is between the symbol and the symbol explanation.

3.1 Navigation and symbol explanation

In the illustrations, different symbols are used to navigate the display by the touchbuttons. The following table describes these symbols.

Symbol	Description
	Touch the touchbutton with your finger briefly: Navigate through main menu and submenu.
	Touch the touchbutton for a specified time (e.g. 3 seconds): Activates/deactivates function or value.
	Press the navigation arrow several times in succession: Navigates in the menu to the desired function.
	Press the confirmation symbol: Activates/deactivates function. Open the submenu.
	Arrow with clock: It takes more than 10 seconds for the following message to appear in the display.
	Arrow with a time indication: It takes the specified amount of time until the following message appears in the display.
	"Open Settings menu" symbol: Navigates to the Settings menu and opens the settings menu. If necessary: Navigate to the desired function in the Settings menu.
	Function is active The selected function is active.
	Function is not active The selected function is not active.

3.2 Open Settings menu

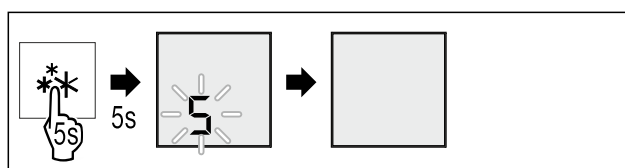


Fig. 2 Example illustration

- Carry out action steps according to the illustration.

Putting into operation

- ▷ Settings menu is open.
- ▶ If necessary: Navigate to the desired function.

4 Putting into operation

4.1 Switching on appliance (first use)

Ensure that the following requirements are met:

- ❑ The appliance has been installed and connected in accordance with the installation instructions.
- ❑ All adhesive strips, adhesive and protective films and transport locks are removed from inside and on the device.
- ❑ All marketing leaflets are removed from the drawers.
- ❑ Functionality of the controls is known. (see 3 Functionality of the controls)

Switch on the appliance using the controls:

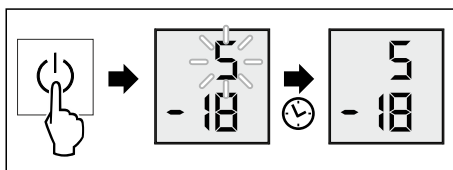


Fig. 3 Example illustration

- ▶ Carry out action steps according to the illustration.
- ▶ Status display appears.
- ▶ The appliance cools to the target temperature set at the factory.

More information:

- Start the IceMaker. (see 4.2 Starting the IceMaker for the first time)

Note

The manufacturer recommends:

- ▶ Stock with food: Wait for around 6 hours until the set temperature is reached.
- ▶ **Store frozen food** at -18 °C or colder.
- ▶ Observe the notes on storing food. (see 5.1 Information regarding storage)

Note

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

4.2 Starting the IceMaker for the first time

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

Make sure that the following requirements are fulfilled:

- ❑ The water supply has been connected. See Installation Guide or mounting instructions.
- ❑ The appliance is properly connected.
- ▶ Clean the IceMaker. (see 9.6.6 Cleaning the IceMaker)

5 Storage

5.1 Information regarding storage



WARNING

Fire hazard from electrical appliances!

If you use electrical appliances in the food area of your appliance, they can cause a fire.

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

Note

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

- ▶ Always keep air slots clear.

Observe the following specifications for storage:

- Keep the air vents on the fan free.
- In the freezer compartment: Package food properly.
- Package or cover foods that readily take on or give off odours or taste in closed containers.
- Keep liquids in closed containers.
- Leave space between goods to ensure good air circulation.
- Store food according to the instructions on the packaging.
- Always observe the best-before date indicated on the packaging.

Note

Failure to follow these guidelines can lead to foodstuffs spoiling.

5.2 Fridge compartment

The air circulation in the appliance creates different temperature zones. You will find the different temperature zones in the appliance and equipment overview. (see 2.2 Overview of the appliance and equipment)

5.2.1 Arranging your food properly



CAUTION

Risk of injury and damage to the appliance due to incorrectly stored food or objects!

If you place food or objects on the bottom glass shelf, the door may not close properly. This could cause the door racks to break, food or objects to fall out and cause injury.

- ▶ Keep the front area of the bottom glass shelf clear.

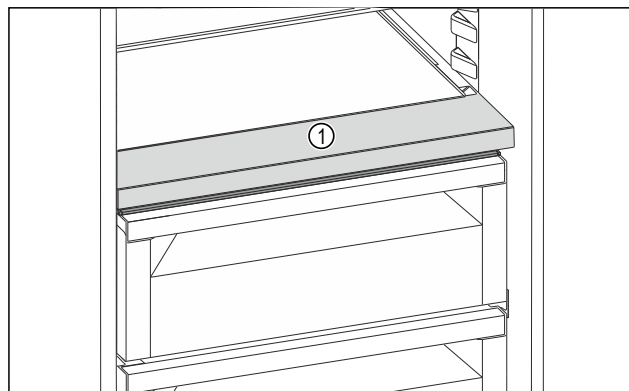


Fig. 4 Example illustration

(1) Front area

- ▶ Upper area and door: Store butter, cheese, tinned food and tubes.
- ▶ Coldest temperature zone: Store perishable foods such as pre-cooked meals.

5.3 BioFresh

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

In your appliance, you have the option of using the BioFresh Safe as a Fruit & Vegetable Safe or as a Meat & Dairy Safe.

Note

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

- ▶ Store cold-sensitive produce such as cucumbers, aubergines, courgettes and tropical fruit in the fridge compartment.

5.3.1 Fruit & Vegetable safe

This safe creates a storage climate of close to 0 °C. The compartment lid ensures constant levels of humidity. This storage climate is suitable for storing unpackaged food with high intrinsic moisture (for example, lettuce, vegetables, fruit).

The humidity in the compartment depends on the moisture content of the chilled goods placed in it, and also depends on how often the compartment is opened. You can regulate the humidity level.

Arranging your food properly

- ▶ Store unpackaged fruit and vegetables.
- ▶ If the humidity is too high:
- ▶ Regulate the humidity.

5.3.2 Meat & Dairy safe

This safe creates a storage climate of close to 0 °C. This storage climate is suitable for more sensitive foods (e.g. dairy products, meat, fish, sausage).

Arranging your food properly

- ▶ Store dry or packaged food.

5.4 Freezer compartment

Here, a dry, frosty storage climate is created at -18 °C. A frosty storage climate is suitable for storing frozen food for several months, for making ice cubes or freezing fresh food.

5.4.1 Freezing food

Freezing quantity

The maximum amount of fresh food that you can freeze within 24 hours is specified on the type 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 Activating SuperFrost)

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

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

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

Arranging your food properly



CAUTION

Risk of injury due to broken glass!

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

- ▶ Do not freeze bottles and cans containing drinks!

Freezing quantity	Arranging your food properly
Small freezing quantity	Place packaged food in the top telescopic unit.
Maximum freezing quantity	Distribute the packed food between the pull-out telescopic drawers.

5.4.2 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.

5.5 Storage times

Refer to the specified storage times as a guide.

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

5.5.1 Fridge section

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

5.5.2 BioFresh

Butter	at 1 °C	up to 90 days
Hard cheese	at 1 °C	up to 110 days
Milk	at 1 °C	up to 12 days
Sausage, cold meats	at 1 °C	up to 8 days
Poultry	at 1 °C	up to 6 days
Pork	at 1 °C	up to 6 days
Beef	at 1 °C	up to 6 days

Saving energy

Game	at 1 °C	up to 6 days
------	---------	--------------

Note

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

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

5.5.3 Freezer compartment

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 place the appliance in direct sunlight or near radiators or similar sources of heat.
- If the appliance is placed 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. A warmer ambient temperature can increase the energy consumption.
- Open the appliance for as short a time as possible.
- The lower the temperature is set the higher the energy consumption.
- Sort your food: home.liebherr.com/food.
- Keep all food properly packed and covered. This prevents frost from forming.
- Only take food out for as long as necessary so that it doesn't warm up too much.
- Inserting warm food: allow to cool down to room temperature first.
- Thaw frozen food in the refrigerator.
- If you intend to be on holiday for a long time use the holiday function.

7 Controls

7.1 Operating controls and display elements

You can use the operating controls and display elements to check the status of your appliance and change appliance functions.

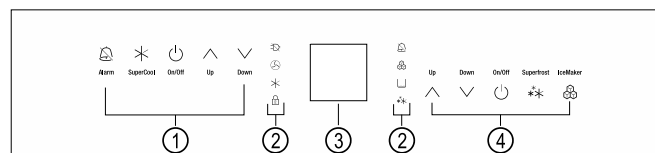


Fig. 5

- (1) Fridge section appliance functions
- (2) Status LEDs

- (3) Status display
- (4) Freezer section appliance functions

7.1.1 Status display

The status display shows the current status of the appliance.

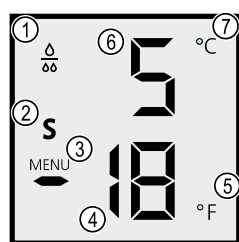


Fig. 6

- (1) Water filter symbol
- (2) SabbathMode symbol
- (3) Menu symbol
- (4) Freezer section temperature display
- (5) Degrees Fahrenheit temperature unit
- (6) Fridge section temperature display
- (7) Degrees Celsius temperature unit

7.1.2 Display symbols

The display symbols provide information about the current appliance status.

Symbol	Appliance status
	Flashing number The appliance is working. The temperature flashes until the set value is reached.
	Fridge section temperature display The fridge section temperature is displayed.
	Freezer section temperature display The freezer section temperature is displayed.
	SabbathMode symbol SabbathMode is active.
	Water filter symbol Replace the water filter.
	Menü symbol The appliance is in setting mode.
	Degrees Celsius temperature unit The degrees Celsius temperature unit is active.
	Degrees Fahrenheit temperature unit The degrees Fahrenheit temperature unit is active.

Symbols on the status display

7.1.3 Status LEDs

The status LEDs provide information about the current appliance status.

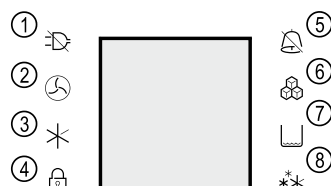


Fig. 7

- (1) Power failure LED
- (2) Dust filter LED
- (3) SuperCool LED
- (4) Child lock LED
- (5) Alarm LED
- (6) IceMaker LED
- (7) Water tank LED
- (8) SuperFrost LED

- (3) SuperCool LED
- (4) Child lock LED

- (7) Water tank LED
- (8) SuperFrost LED

Symbol	Appliance status
	Power failure LED The freezing temperature has risen too high due to a power failure or a power cut during the last few hours or days.
	Dust filter LED Clean the dust filter in the appliance base.
	SuperCool LED The SuperCool function is active.
	Child lock LED The child lock function is active.
	Alarm LED There is a fault.
	IceMaker LED The IceMaker function is active.
	Water tank LED The water level in the water tank is low. Top up the water. (see 8.7 IceMaker)
	SuperFrost LED The SuperFrost function is active.

Status LEDs

7.1.4 Fridge section appliance functions

Use this function to set the fridge section.

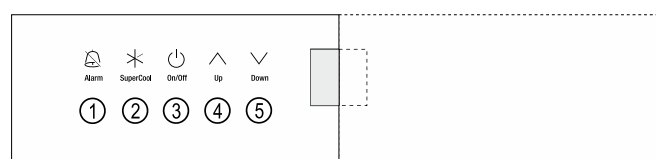


Fig. 8

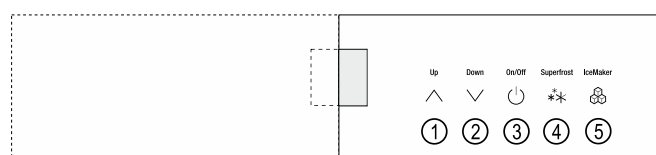
- (1) Alarm
- (2) SuperCool ON/OFF
- (3) Fridge section ON/OFF
- (4) Increase fridge section temperature
- (5) Decrease fridge section temperature

Symbol	Description
	Confirms alarms.
	Switch the SuperCool function on or off.
	Switch the fridge section on or off.
	Increase the fridge section temperature.
	Decrease the fridge section temperature.

Symbols for fridge section appliance functions

7.1.5 Freezer section appliance functions

Use this function to set the freezer section.



Controls

Fig. 9

- (1) Increase freezer section temperature
- (2) Decrease freezer section temperature
- (3) Freezer section ON/OFF
- (4) SuperFrost ON/OFF
- (5) IceMaker ON/OFF

Symbol	Description
^	Increase the freezer section temperature.
v	Decrease the freezer section temperature.
⏻	Switch the freezer section on or off.
**	Switch the SuperFrost function on or off.
❄️	Switch the IceMaker on or off.

7.2 Appliance functions

7.2.1 Notes on the appliance functions

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

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

- ☐ You have read and understood the descriptions of how the display works. (see 3 Functionality of the controls)
- ☐ You have familiarised yourself with the operating and display elements of your appliance. (see 7.1 Operating controls and display elements)

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.

Ensure that the following requirements are met:

- ☐ Handling instructions (see 12 Shutting down) are carried out.

Switching off the fridge section:

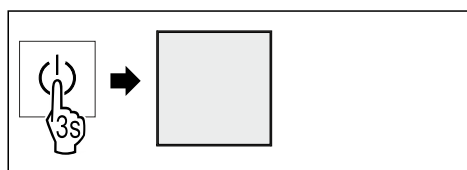


Fig. 10

- ▶ Carry out action steps according to the illustration.
- ▶ LEDs of the display no longer light up.
- ▶ Fridge section is switched off.

Switching the freezer section off:

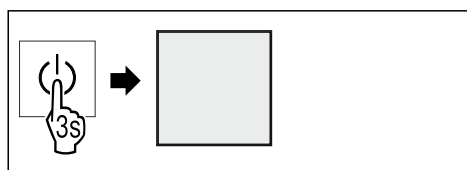


Fig. 11

- ▶ Carry out action steps according to the illustration.
- ▶ LEDs of the display no longer light up.
- ▶ Freezer section is switched off.

Switching on the appliance

Switching on the fridge section:

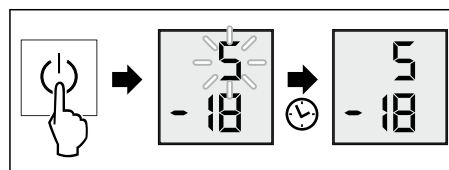


Fig. 12 Example illustration

- ▶ Carry out action steps according to the illustration.
- ▶ Fridge section is switched on.
- ▶ Previous settings are restored.
- ▶ The fridge section cools to the target temperature set.

Switching on the freezer section:

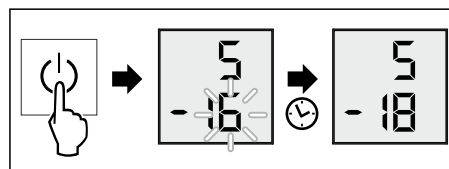


Fig. 13 Example illustration

- ▶ Carry out action steps according to the illustration.
- ▶ Freezer section is switched on.
- ▶ Previous settings are restored.
- ▶ The freezer section cools to the target temperature set.

Temperature

Use this function to set the temperature.

The temperature depends on the following factors:

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

Temperature zone	Factory-set temperature	Recommended setting
Fridge section	5 °C	4 °C
Freezer section	-18 °C	-18 °C
BioFresh	0 °C	B-Value (see Setting the BioFresh B-Value)

Setting the temperature in the fridge section

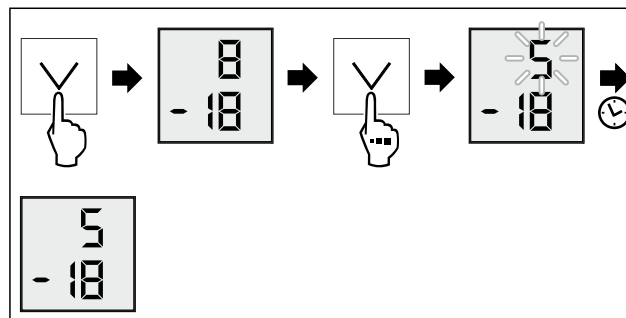


Fig. 14 Example illustration

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

Setting the temperature in the freezer section

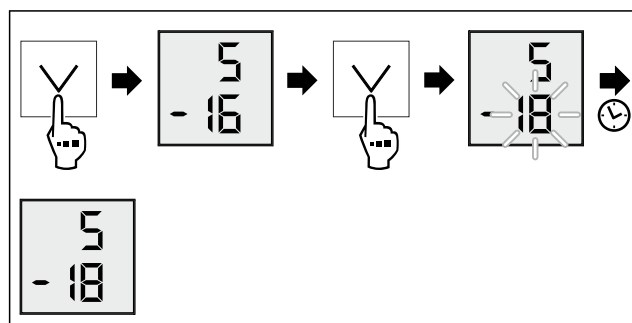


Fig. 15 Example illustration

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

Setting the temperature in BioFresh

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

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. 16

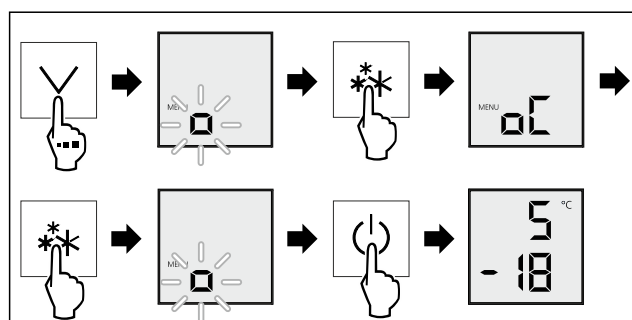


Fig. 17 Example illustration: Switch from degrees Fahrenheit to degrees Celsius.

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

BioFresh B-Value

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

Value	Description
b1	Lowest temperature
b1-b4	The temperature can drop below 0 °C which means foods can easily freeze.*
b5	Pre-set temperature
b9	Highest temperature

Setting the BioFresh B-Value



Fig. 18

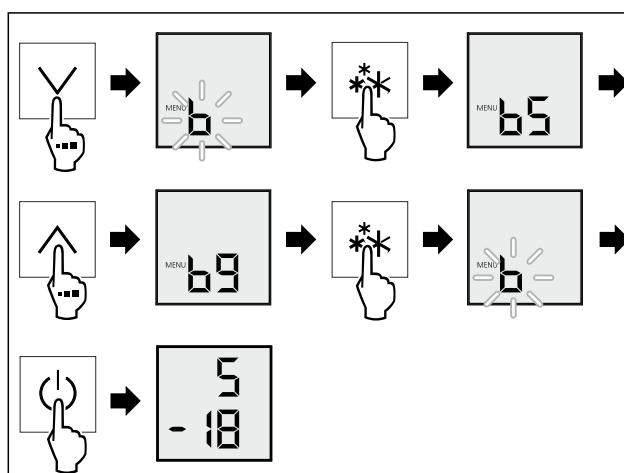


Fig. 19 Example illustration: Switch from B5 to B9.

- Carry out action steps according to the illustration.
- The BioFresh B-Value is set.

SuperCool

You can use this function to activate or deactivate SuperCool. If SuperCool is activated, then the appliance increases the cooling capacity. It allows you to achieve lower cooling temperatures. You can activate SuperCool when you would like to cool a large quantity of food quickly.

The function can be used independently in the upper and lower pull-out trolley.

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 SuperCool

Time for activation of the function:

- When you would like to store fresh food in the fridge section: Activate the function when inserting food.



Fig. 20

- Carry out action steps according to the illustration.
- SuperCool is activated.
- The SuperCool LED illuminates.

Deactivating SuperCool

SuperCool is deactivated automatically after 6 hours. However, you can also deactivate SuperCool manually at any time:

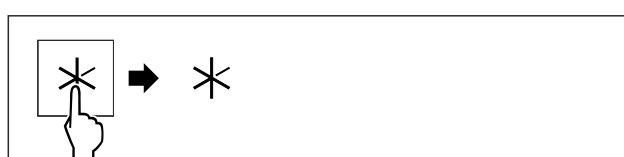


Fig. 21

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

Controls

- ▷ The SuperCool LED does not illuminate.
- ▷ The appliance continues to run in normal mode.
- ▷ The appliance cools to the temperature set previously.

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.

If the door is open for too long, e.g. because you are putting food in, the appliance automatically checks whether the actual temperature in the appliance matches the set temperature. If the difference exceeds a certain value, the appliance automatically cools more vigorously. As a result, the temperature shown on the display may be higher than the actual temperature in the appliance. This is normal and your appliance is working correctly.*

Activating SuperFrost

Ensure that the following requirements are met:

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

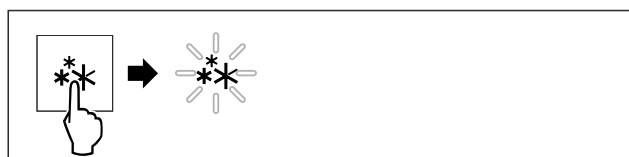


Fig. 22

- ▷ Carry out action steps according to the illustration.
- ▷ SuperFrost is activated.
- ▷ The SuperFrost LED illuminates.

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:

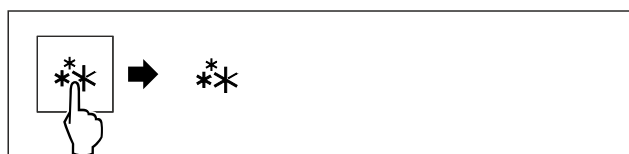


Fig. 23

- ▷ Carry out action steps according to the illustration.
- ▷ SuperFrost is deactivated.
- ▷ The SuperFrost LED does not illuminate.

IceMaker holiday function

You can use this function to activate or deactivate the holiday function for the IceMaker. If you activate the holiday function, the ice cube tray for the IceMaker rotates to point downwards so that no water remains in the ice cube tray.

Appliance status with active IceMaker holiday function
The set temperature is maintained in the freezer section.
SuperCool is deactivated.

Activating the IceMaker holiday function

Ensure that the following requirements are met:

- ❑ The ice cube tray is completely empty.
- ❑ The ice cube container has been inserted.
- ❑ The freezer section telescopic unit is closed.



Fig. 24

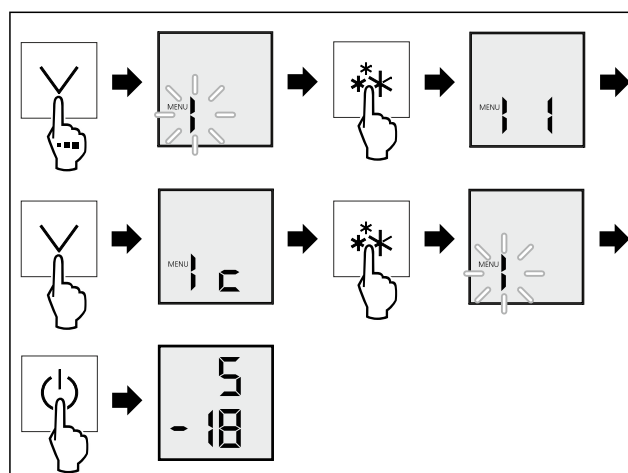


Fig. 25 Example illustration

- ▷ Carry out action steps according to the illustration.
- ▷ The IceMaker holiday function is activated.

Note

To avoid bad odours and mould:

- ▷ Open the freezer section telescopic unit.

Deactivating the IceMaker holiday function



Fig. 26

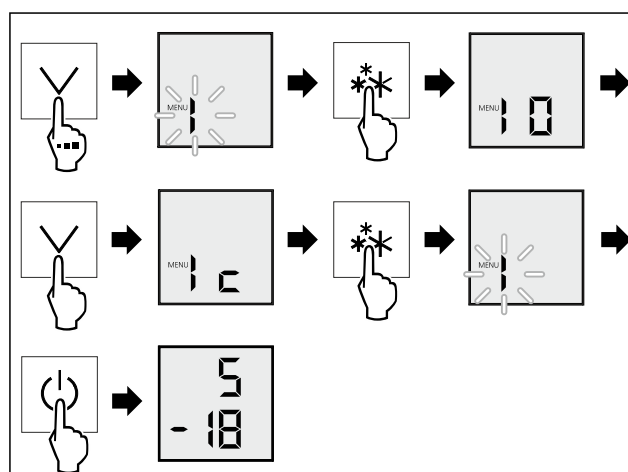


Fig. 27 Example illustration

- ▷ Carry out action steps according to the illustration.
- ▷ The IceMaker holiday function is deactivated.

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.

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

Appliance status

Note

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

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

Activating SabbathMode



WARNING

Danger of food poisoning from spoiled food!

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

After a power failure:

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

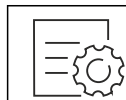


Fig. 28

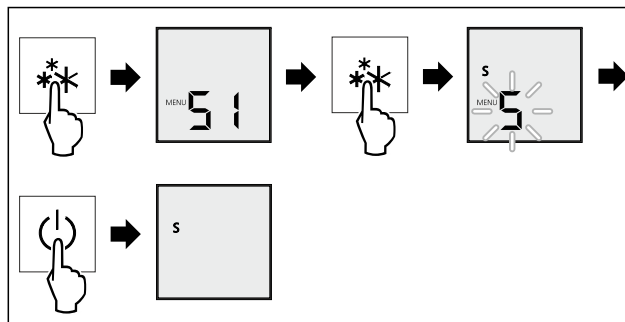


Fig. 29

- Carry out action steps according to the illustration.
- SabbathMode is activated.
- The status display shows an "s".

Deactivating SabbathMode

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

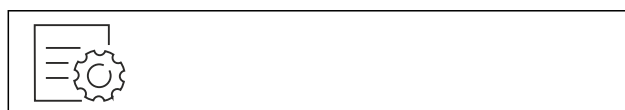


Fig. 30

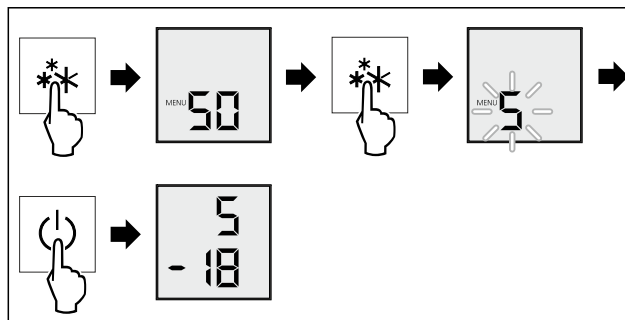


Fig. 31

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

IceMaker

Use the IceMaker function to activate or deactivate the production of ice cubes.

Use the MaxIce function to increase the amount of ice cubes produced by the IceMaker. MaxIce is automatically deactivated after 48 hours. However, you can also deactivate MaxIce manually at any time:

Further information on the ice cube quantities:	(see 10.1 Technical specifications)
Further information on the IceMaker water supply:	(see IceMaker water supply)
Further information on cleaning the IceMaker lines:	(see 9.6.6 Cleaning the IceMaker)

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 the IceMaker

Ensure that the following requirements are met:

- The IceMaker has been started. (see 8.7 IceMaker)



Fig. 32 Example illustration

- Press the IceMaker symbol on the control panel.

-or-

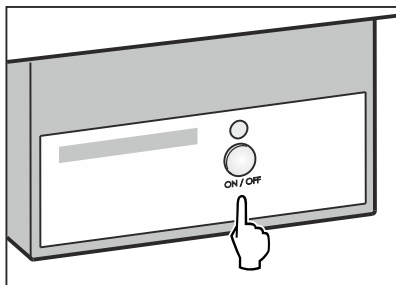


Fig. 33 Example illustration

- Press the IceMaker button on the IceMaker inside the freezer section.
- The IceMaker is activated. It can take up to 24 hours before the IceMaker produces the first ice cubes.
- The IceMaker LED illuminates.

Deactivating the IceMaker



Fig. 34 Example illustration

- Press the IceMaker symbol on the control panel.

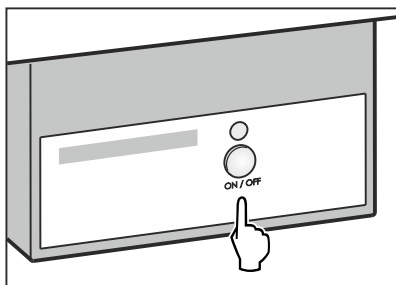


Fig. 35 Example illustration

- Press the IceMaker button on the IceMaker inside the freezer section.
- The IceMaker is deactivated.
- The IceMaker LED extinguishes.
- The current ice cube production is being completed.
- The IceMaker switches off automatically.

IceMaker water supply

Use this function to set the water supply. The water supply regulates the amount of water supplied. The water supply can be changed if it does not match the water pressure and the ice cube size dispensed.

The water supply is pre-set to value 4 as delivered. A value from 1 (smallest inflow volume) to 8 (largest inflow volume) can be selected.

Setting the water supply

Ensure that the following requirements are met:

- ❑ The IceMaker has been started. (see 4.2 Starting the IceMaker for the first time)
- ❑ The IceMaker is activated. (see Activating the IceMaker)

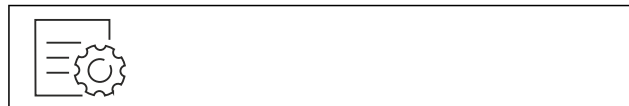


Fig. 36

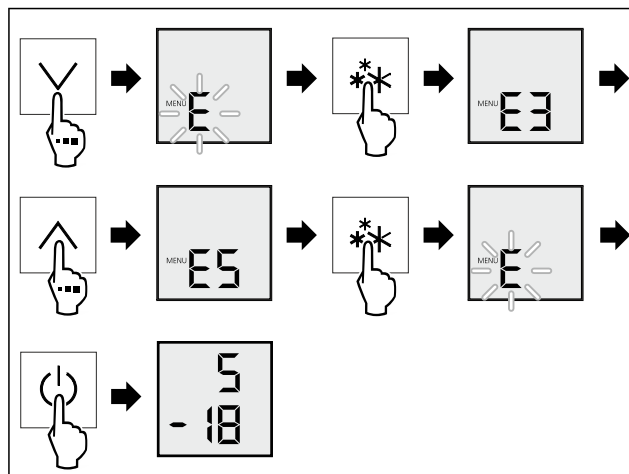


Fig. 37 Example illustration: Switch from value 3 to value 5.

- Carry out action steps according to the illustration.
- The water supply is set.

Display brightness

Use this function to set the display brightness in stages.

You can select the following brightness levels:

- h0 = 0%
- h1 = 20%
- h2 = 40%
- h3 = 60%
- h4 = 80%
- h5 = 100% (pre-setting)

Setting the display brightness

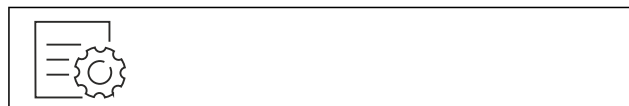


Fig. 38

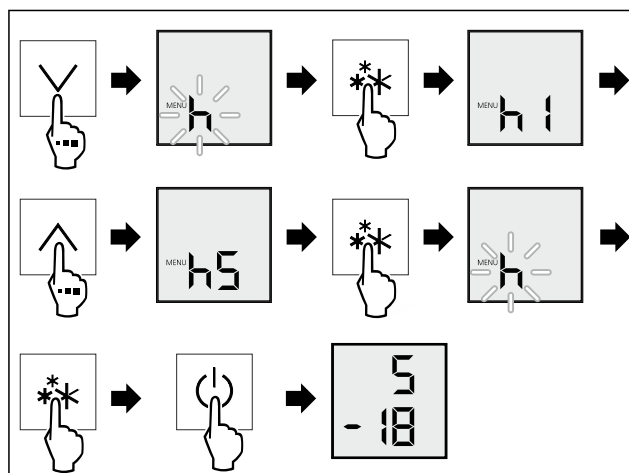


Fig. 39 Example illustration: Switch from h1 to h5.

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

H-Value

You can use this function to switch on the appliance's anti-condensation heating if condensation forms around the fridge section or freezer section. Condensation can form in high humidity and low ambient temperatures.

The H-Value is set to HA on delivery. If you change the H-Value, refer to the following table:

Value	Description
HA	Automatic control depending on humidity and ambient temperature
H0	Anti-condensation heating is switched off.
H1	Anti-condensation heating is switched on in the event of heavy condensation.

Setting the H-Value



Fig. 40

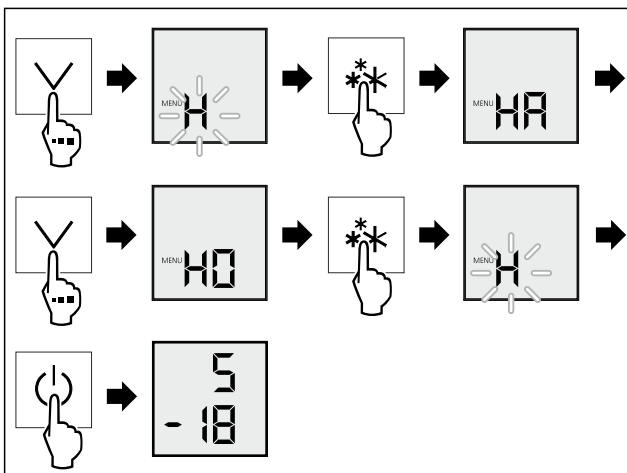


Fig. 41

- ▶ Carry out action steps according to the illustration.
- ▶ The H-Value is set.

Child 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.

You can use this function to activate or deactivate the child lock. The child 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 child lock

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



Fig. 42

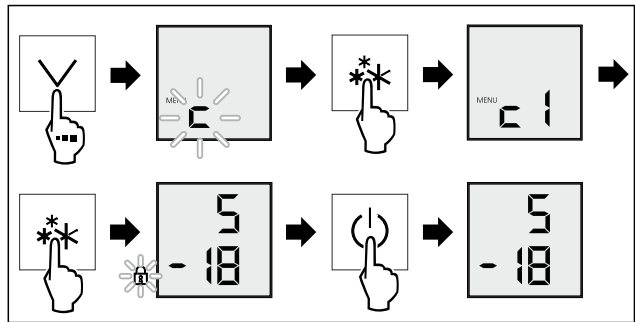


Fig. 43

- ▶ Carry out action steps according to the illustration.
- ▶ The child lock is activated.

Deactivating the child lock



Fig. 44

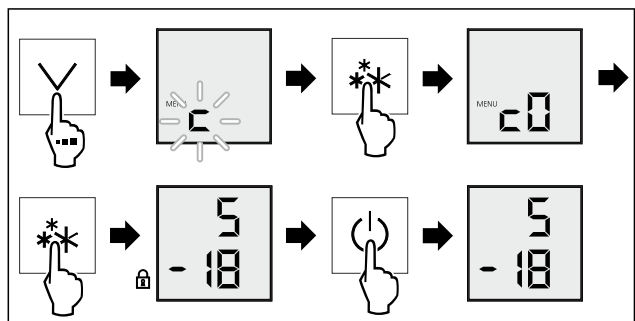


Fig. 45

- ▶ Carry out action steps according to the illustration.
- ▶ The child lock is deactivated.

8 Features

8.1 Door rack

Door racks are suitable for storing drinks and food. You can move door racks for your own individual use and take them apart for cleaning. However, Liebherr recommends using the door racks in the position in the door as delivered from the factory.

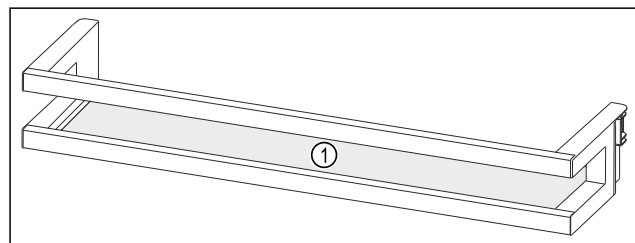


Fig. 46 Example illustration, Door rack
(1) Shelf

Features

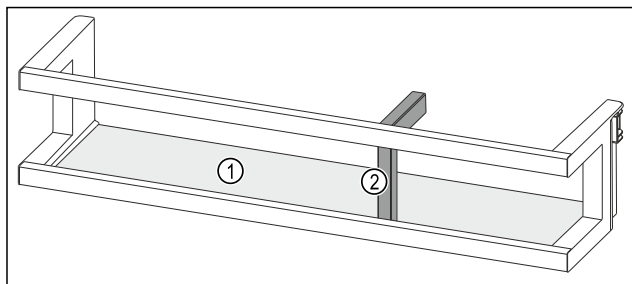


Fig. 47 Example illustration, Door rack with bottle holder
(1) Shelf (2) Bottle holder

The following table shows examples of what can be stored in each door rack.

Door rack	Food
Door rack (see Fig. 46)	Butter, cheese, tinned food, tubes
Door rack with bottle holder (see Fig. 47)	Bottles The sliding bottle holder secures the bottles in the door rack.

8.1.1 Removing the door rack

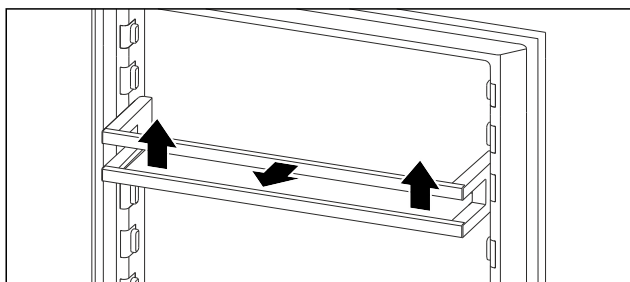


Fig. 48 Example illustration

- Push the door rack upwards.
- Pull the door rack forward.

8.1.2 Inserting the door rack



CAUTION

Risk of injury and damage to the appliance due to incorrectly stored food or objects!
If you place food or objects on the bottom glass shelf, the door may not close properly. This could cause the door racks to break, food or objects to fall out and cause injury.

- Keep the front area of the bottom glass shelf clear.

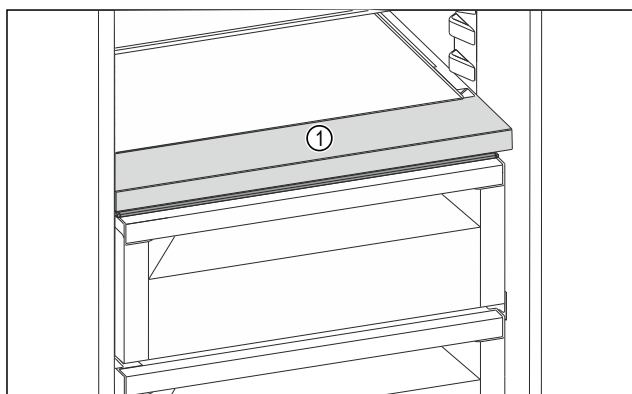


Fig. 49 Example illustration
(1) Front area

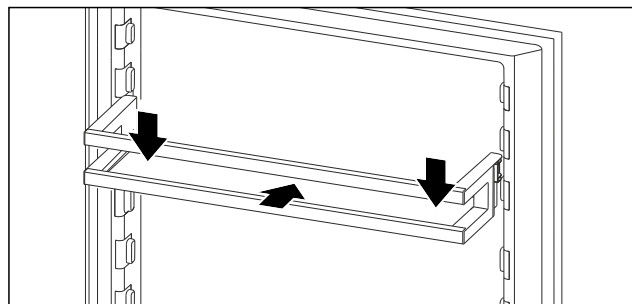


Fig. 50 Example illustration

- Slide in the door rack.
- Press the door rack down.

8.2 Shelves

There are different storage areas depending on the type of appliance:

- Single-piece shelf
- Variable bottle rack (see 8.3 Adjustable bottle shelf)

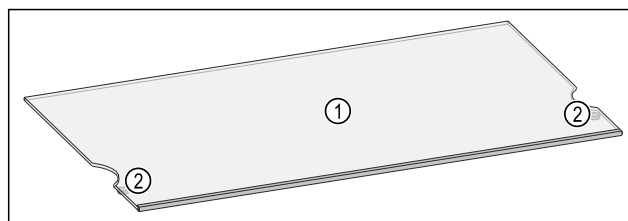


Fig. 51 Example illustration, shelf

- (1) Shelf
- (2) Drawer stop

8.2.1 Using the shelves in the fridge section

The shelves can either be adjusted in height, or removed completely or for cleaning.

Ensure that the following requirements are met:

- ☐ Shelves are empty.

Removing the shelf

The shelves are secured against accidental pulling out by means of drawer stops.

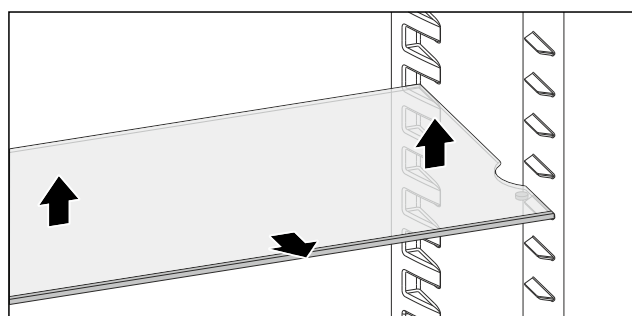


Fig. 52

- Raise the shelf.
- Pull out the shelf forwards.

-or-

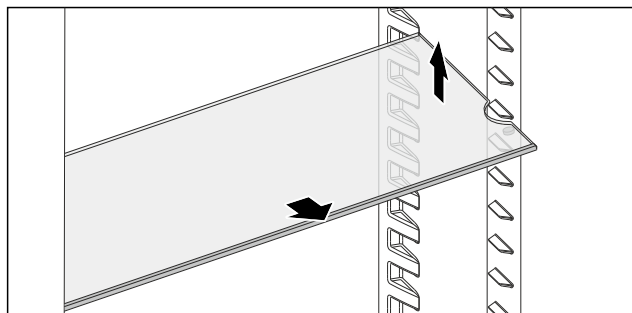


Fig. 53

- Easier removal: Tilt the shelf and pull it out forwards.
- Shelves have been removed.
- The shelves can be positioned at a different height.

Inserting the shelf

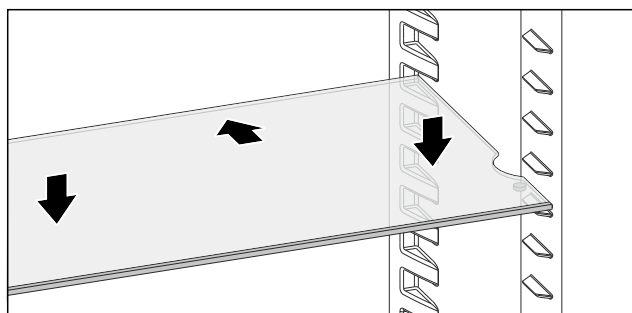


Fig. 54

When the drawer stop points downwards:

- Pull the shelf out as far as it will go.
- Lower the shelf.

-or-

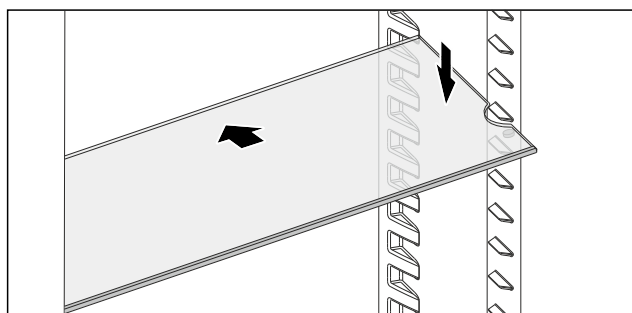


Fig. 55

- Slide the shelf in at an angle and lower it.
- The drawer stops are located behind the front support surface.

8.3 Adjustable bottle shelf

Either one glass shelf, both glass shelves or the variable bottle rack can be used in the bottom section of the refrigerator. Both glass shelves are inserted at delivery.

(1) Variable bottle rack

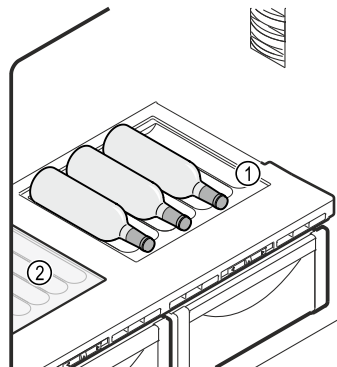


Fig. 57 Example illustration

(1) Variable bottle rack (2) Glass shelf

8.3.1 Using the variable bottle rack

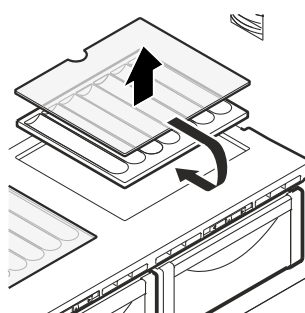


Fig. 58

- Lift one or both glass shelves (1) at the front and remove.
- Removing the variable bottle rack.
- Insert the glass shelf Fig. 57 (2) under the variable bottle rack.
- Inserting the variable bottle rack.
- Place bottles in the back row with their bases against the back wall. (see Fig. 59)

Note

When the bottles protrude over the variable bottle rack at the front:

- Set the lower door rack one position higher.

8.3.2 Using the glass shelves

Ensure that the following requirements are met:

- ☐ Bottles have been removed.
- ☐ Variable bottle rack has been cleaned.
(see 9.4 Removing / inserting the variable bottle rack)
(see 9.6.5 Clean the components)

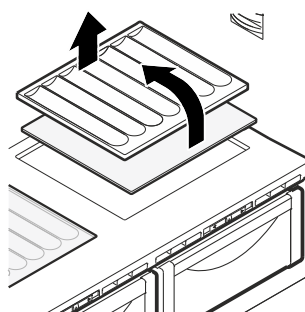


Fig. 60

- Place the glass shelf (1) at an angle, sloping it downwards and backwards.
- Lower the glass shelf (1) at the front.
- Insert the second glass shelf in the same way.

Features

8.4 Drawers

You can remove the drawers for cleaning.

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

Note

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

- ▶ Leave the bottom drawer inside the appliance.
- ▶ Always keep the inside vents at the rear wall clear.

8.4.1 Drawer on telescopic rails

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

Fully extendible

If you have fully extendible rails, there is a clamp located at the back on the left and right of the rail.

Removing drawer

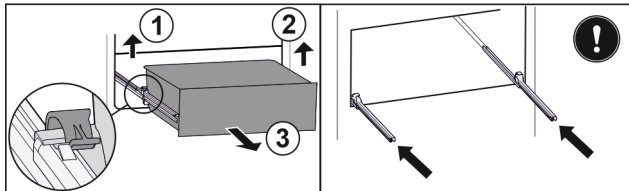


Fig. 61

- ▶ Pull out drawer as far as it will go.
- ▶ Lift left clamp and simultaneously pull drawer forwards on the left. Fig. 61 (1)
- ▶ Lift right clamp and simultaneously pull drawer forwards on the right. Fig. 61 (2)
- ▶ Remove drawer to the front. Fig. 61 (3)
- ▶ Slide rails in.

Inserting drawer

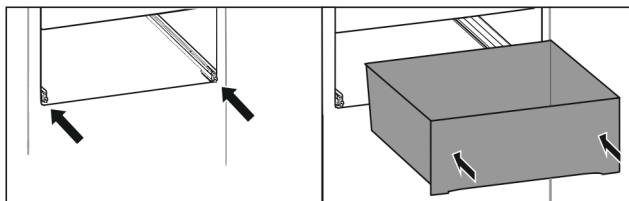


Fig. 62

- ▶ Slide rails in.
- ▶ Place drawer on rails.
- ▶ Slide in drawer to the back.
- ▶ Drawer latches in audibly at the back.

8.5 Compartment lid for BioFresh Safe

The compartment lid ensures constant levels of humidity. The humidity in the BioFresh Safes is regulated via the slider.

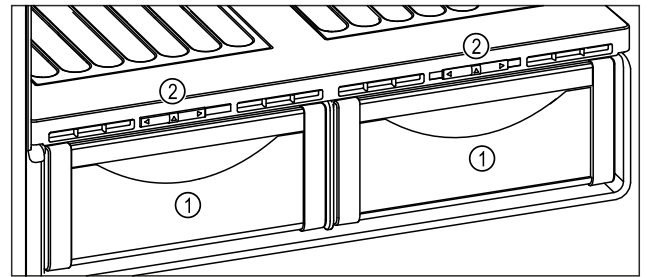


Fig. 63 Example illustration, compartment lid for BioFresh Safe

(1) BioFresh Safe

(2) Slider

8.5.1 Reducing the air humidity in the drawer

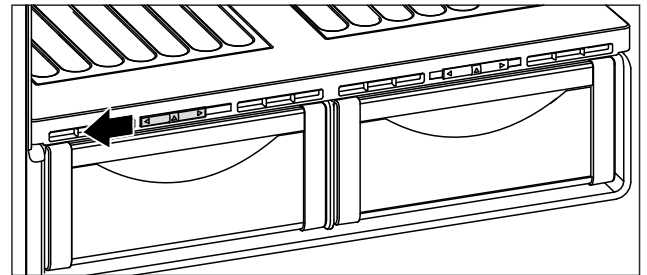


Fig. 64

- ▶ Move the slider to the left-hand position.
- ▶ Carry out the same action steps for the second drawer.

8.5.2 Increasing the air humidity in the drawer

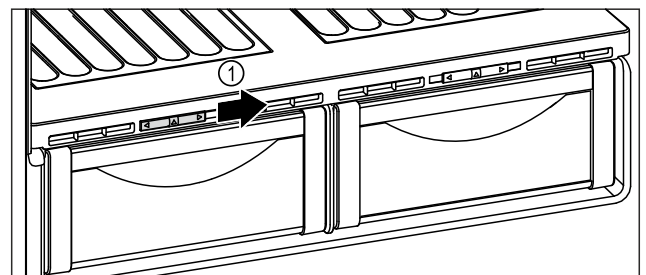


Fig. 65

- ▶ Move the slider to the right position.
- ▶ Carry out the same action steps for the second drawer.

8.6 Telescopic unit

The equipment can be moved in the telescopic unit or removed for cleaning. (see 9.3.2 Telescopic unit)

Note

Please note the information on categorising food. (see 5.2 Fridge compartment)

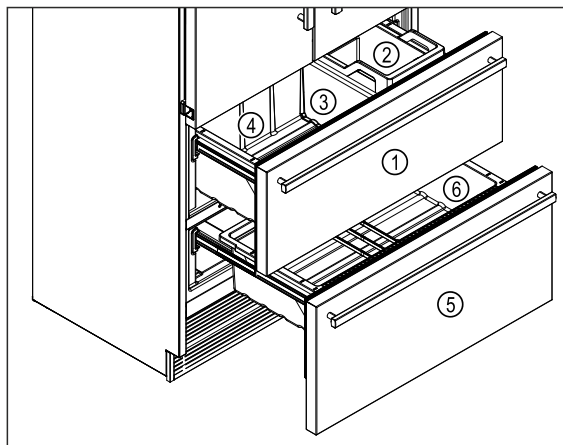


Fig. 66 Freezer section pull-out telescopic drawer

- | | |
|---------------------------|---------------------------|
| (1) Upper telescopic unit | (4) Container |
| (2) Ice cube tray | (5) Lower telescopic unit |
| (3) Partition | (6) Container |

8.6.1 Moving the compartment dividers

Ensure that the following requirements are met:

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

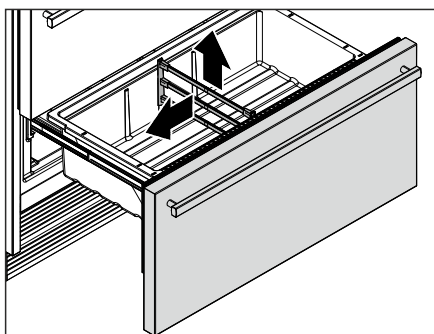


Fig. 67 Example illustration

- Remove the compartment divider upwards.
- Insert the compartment divider at the desired position.

8.7 IceMaker

The IceMaker will produce ice cubes for household use only.

Ensure that the following conditions are met:

- The IceMaker is clean. (see 9 Maintenance)
- IceMaker drawer is cleaned.
- IceMaker drawer is fully inserted.

8.7.1 Producing ice cubes

The volume depends on the freezing temperature. The colder the temperature, the more ice cubes the system can produce in a certain time period.

After the IceMaker is turned on for the first time, it can take up to 24 hours for the first ice cubes to be made.

- Activate the IceMaker function.
- Producing many ice cubes: Activate the MaxIce function.
- Distribute the ice cubes evenly in the drawer to increase the capacity.
- Closing the drawer: IceMaker starts making ice cubes again automatically.

Note

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

8.8 Bottle holder

8.8.1 Using the bottle holder

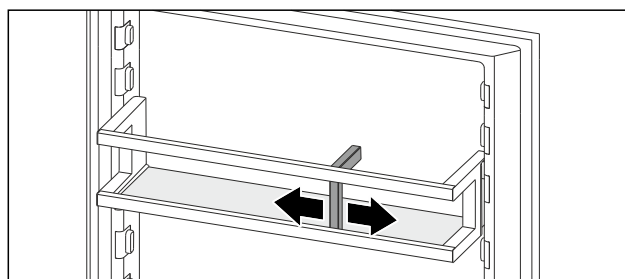


Fig. 68

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

9 Maintenance

9.1 Changing the water filter

The water filter is located at the top right of the rear wall of the refrigerator compartment. It absorbs deposits in the water and reduces chlorine flavour. If the water filter LED lights up, you need to change the water filter.

- ❑ With the specified performance, replace the water filter every 6 months at the latest, or if there is a significant reduction in the flow rate.
- ❑ Dispose of the water filter with normal household waste.

Note

Water filters are available from the Liebherr-Hausgeräte store at home.liebherr.com/shop/de/deu/zubehor.html.

9.1.1 Removing the water filter

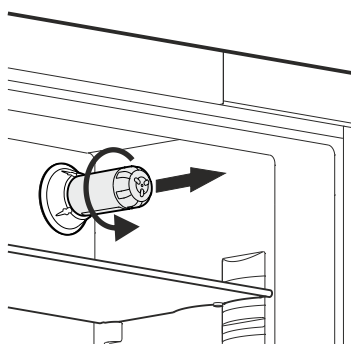


Fig. 69 Example illustration

- Turn the water filter 90° anti-clockwise as far as it will go and remove.

9.1.2 Fitting the water filter

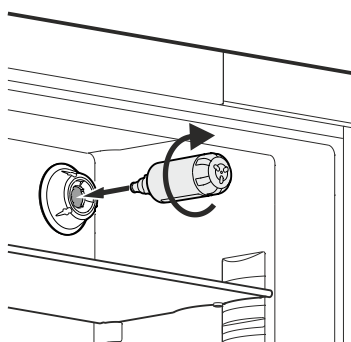


Fig. 70 Example illustration

Maintenance

- ▶ Insert the water filter and turn it 90° to the right as far as it will go.
- ▶ Visual inspection: Check that no water is leaking.
- ▶ Confirm water filter change on the display. (see Confirm water filter change)
- ▶ Water filter LED goes out.

9.2 Removing / inserting the bottle holder

9.2.1 Removing the bottle holder

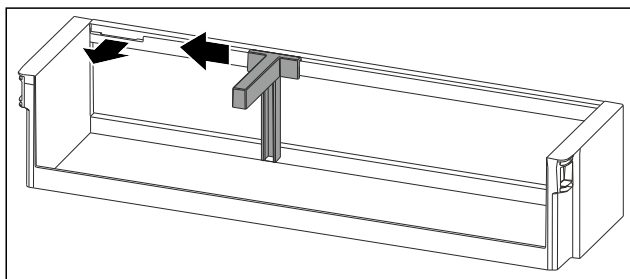


Fig. 71

- ▶ Slide the bottle holder to the side as far as the recess.
- ▶ Remove the bottle holder forwards.

9.2.2 Inserting the bottle holder

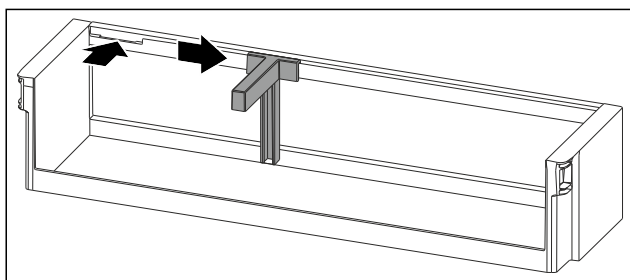


Fig. 72

- ▶ Insert the bottle holder in the recess.
- ▶ Push the bottle holder to the desired position to the side.

9.3 Disassembling / assembling pull-out systems

9.3.1 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
Fully extendible	cannot be disassembled
Upper telescopic unit	can be disassembled
Lower telescopic unit	can be disassembled

9.3.2 Telescopic unit

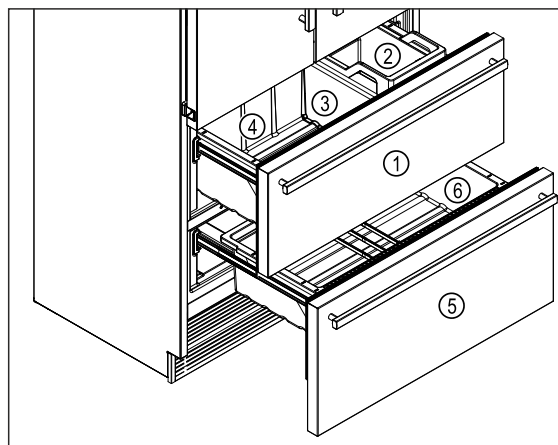


Fig. 73 Freezer section pull-out telescopic drawer

- (1) Upper telescopic unit
- (2) Ice cube tray
- (3) Partition
- (4) Container
- (5) Lower telescopic unit
- (6) Container

The containers in the upper and lower telescopic units can be removed for cleaning.

Upper telescopic unit

Removing the ice cube tray

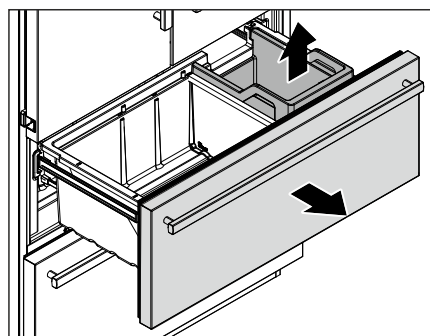


Fig. 74 Example illustration

- ▶ Pull the telescopic unit out as far as it will go.
- ▶ Remove the ice cube tray.
- ▶ Ice cube tray has been removed.

Removing the container

Ensure that the following requirements are met:

- ☐ Telescopic unit is pulled out as far as it will go.
- ☐ Ice cube tray has been removed.

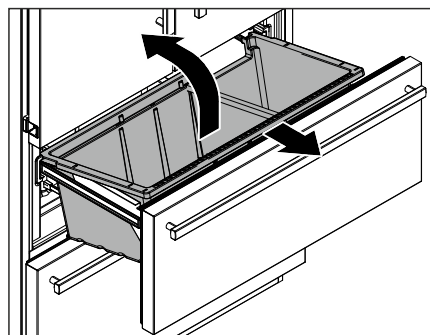


Fig. 75 Example illustration

- ▶ Pull the container out forwards.
- ▶ Remove the container diagonally forwards.
- ▶ The container has been removed.

Inserting the container

Ensure that the following requirements are met:

- ☐ Telescopic unit is pulled out.

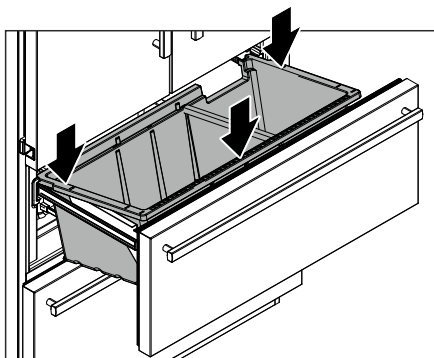


Fig. 76 Example illustration

- ▶ Place the container at the rear on the rails on the right and left.
- ▶ Lower the front of the container so that the container encloses the rails on the right and left.
- ▶ The container has been inserted.

Inserting the ice cube tray

Ensure that the following requirements are met:

- ☐ Telescopic unit is pulled out.
- ☐ The container has been inserted.

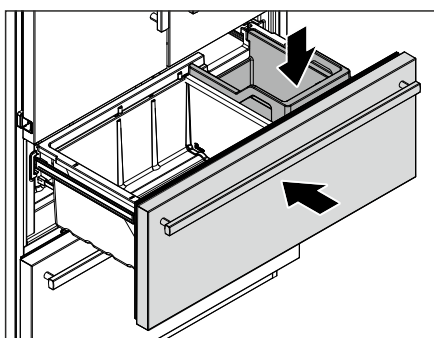


Fig. 77 Example illustration

- ▶ Insert the ice cube tray.
- ▶ Push in the telescopic unit.

Lower telescopic unit

Removing the container

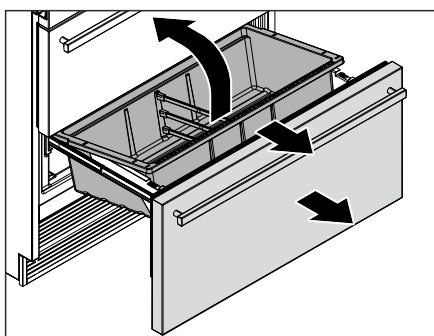


Fig. 78 Example illustration

- ▶ Pull the telescopic unit out as far as it will go.
- ▶ Pull the container out forwards.
- ▶ Remove the container diagonally forwards.

Inserting the container

Ensure that the following requirements are met:

- ☐ Telescopic unit is pulled out.

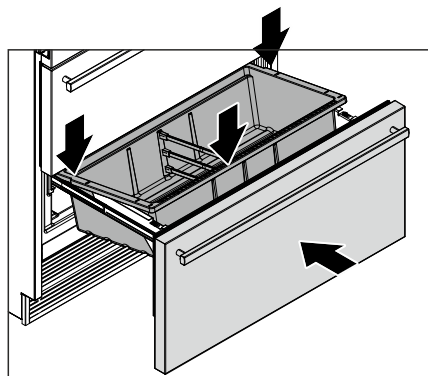


Fig. 79 Example illustration

- ▶ Place the container at the rear on the rails on the right and left.
- ▶ Lower the front of the container so that the container encloses the rails on the right and left.
- ▶ Push in the telescopic unit.

9.4 Removing / inserting the variable bottle rack

The variable bottle rack can be removed for cleaning.

9.4.1 Removing the variable bottle rack

Ensure that the following requirements are met:

- ☐ Bottles have been removed.
- ☐ Glass shelves have been removed. (see 8.3.1 Using the variable bottle rack)

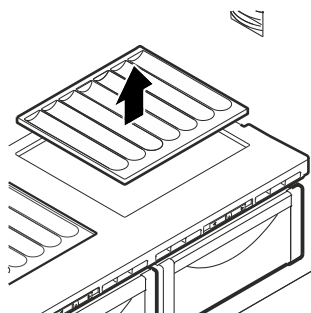


Fig. 80

- ▶ Lift the variable bottle rack at the front and pull it out.

9.4.2 Inserting the variable bottle rack

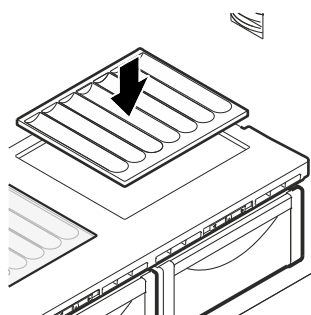


Fig. 81

- ▶ Push the variable bottle rack in to the end stop and press it down.
- ▶ Insert the glass shelves. (see 8.3.2 Using the glass shelves)

-or-

- ▶ Use the variable bottle rack for bottles.

Maintenance

9.5 Defrosting the appliance

9.5.1 Defrosting the fridge compartment

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

- Clean the drain opening at regular intervals.
(see 9.6 Cleaning the appliance)

9.5.2 Defrosting the freezer compartment with NoFrost

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

The appliance does not have to be defrosted.

9.6 Cleaning the appliance

9.6.1 Preparation



WARNING

Danger of electric shock!

- Remove the refrigerator connector or interrupt the power supply.



WARNING

Danger of fire!

- Do not damage the refrigeration circuit.

- Empty the appliance.
- Unplug the mains plug.

9.6.2 Clean the housing

NOTICE

Improper cleaning!

Damage to the appliance.

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



WARNING

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

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

- Do not use any steam cleaners!

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

9.6.3 Cleaning the dust filter

If the dust filter LED lights up, you need to clean the dust filter.

Ensure that the following requirements are met:

- ☐ Appliance is disconnected from the mains voltage.
- ☐ Lowest telescopic unit is fully pulled out.

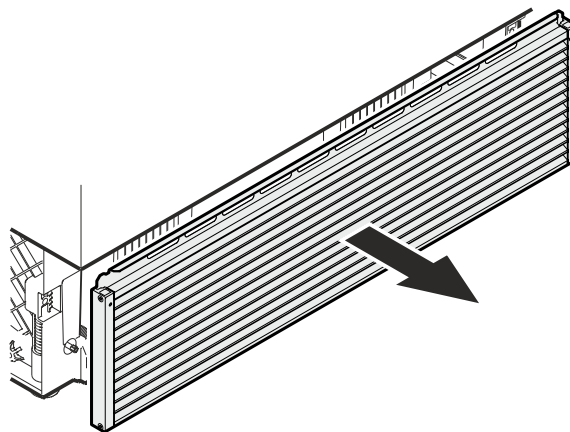


Fig. 82

- Remove the ventilation grille to the front.

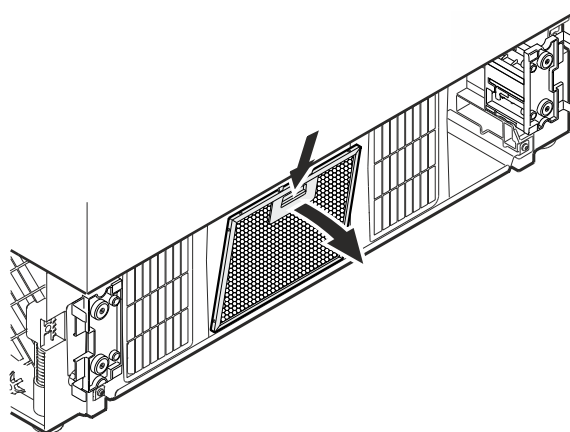


Fig. 83

- Press the button on the dust filter downwards and at the same time tilt the dust filter forwards and remove it.
- Clean the dust filter in the dishwasher or by hand with water and washing-up liquid.
- Dry the dust filter.
- Fit the dust filter.

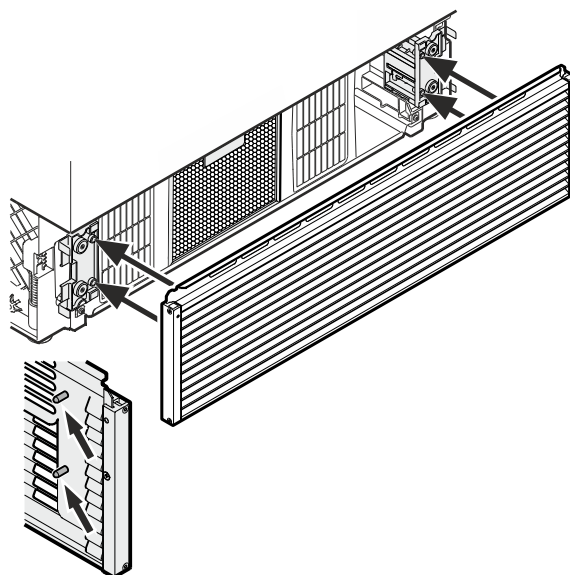


Fig. 84

- Fit the ventilation grille.
- Confirm dust filter cleaning on the display. (see Confirm dust filter cleaning)
- Dust filter LED goes out.

9.6.4 Cleaning the interior

NOTICE

Improper cleaning!

Damage to the appliance.

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

- ▶ Plastic surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.
- ▶ Metal surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.
- ▶ Drain hole: remove deposits using a thin item (for example a cotton bud).

9.6.5 Clean the components

NOTICE

Improper cleaning!

Damage to the appliance.

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

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

- Door rack
- Shelf
- Drawer
- Please note: Do not remove the magnet on the drawer. The magnet ensures the functionality of the IceMaker.
- Adjustable bottle shelf

Clean with a damp cloth:

- Retractable rails
- Please note: The grease in the tracks is used for lubrication and must not be removed!

Wash in the dishwasher up to 60 °C:

- Bottle rack
- Ice cube scoop
- ▶ To disassemble components: see the relevant section.
- ▶ Clean the components.

9.6.6 Cleaning the IceMaker

There are various options for cleaning the IceMaker.

Cleaning is required in the following cases:

- ☐ Initial operation
- ☐ With mains connection:
If out of use for more than 5 days.

Ensure that the following conditions are met:

- ☐ IceMaker drawer is emptied.
- ☐ IceMaker drawer is in place.
- ☐ The IceMaker is activated.

First use or after a long period of non-use

With a water filter:

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

If cleaning is required

Clean the IceMaker by hand.

- ▶ Remove the IceMaker drawer and clean with warm water and a little detergent.
- ▶ Push the IceMaker drawer in.
- ▶ The system starts making ice cubes automatically.

9.6.7 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	
Cooling	3 °C to 9 °C
BioFresh	0 °C to 3 °C
Freeze	-26 °C to -15 °C

Maximum ice cube quantity / 24 hours	
Freezer compartment	see type plate under "Freezing capacity .../ 24 h"

Ice cube production with IceMaker	
Ice cube production / 24 hours	At a temperature of -18 °C: 1.2 kg of ice cubes
maximum ice cube production / 24 hours	With the MaxIce function on: 1.5 kg of ice cubes

Lighting	
Class ¹	Light source
This product contains one or more energy efficiency class G light sources.	LED

¹ The appliance may contain light sources with different energy efficiency classes. The lowest energy efficiency class is indicated.

11 Remedy in the event of a fault

11.1 Technical fault

Your appliance is designed and manufactured so that it will operate safely and will have a long service life. Nevertheless, if a fault should occur during operation, please check whether the fault is due to incorrect operation. In this case we must charge you for any costs incurred, also within the guarantee period.

You can rectify the following faults yourself.

Remedy in the event of a fault

11.1.1 Appliance function

Defect	Cause	Remedy
The appliance does not function.	→ The appliance is not switched on.	▶ Switch the appliance on.
	→ The mains plug is not properly inserted in the socket.	▶ Check the mains plug.
	→ The fuse in the socket is not working properly.	▶ Check the fuse.
	→ Power failure	▶ Keep the appliance closed. ▶ Safeguarding food: Place cold packs on top of food or use another freezer if the power cut lasts longer. ▶ Do not refreeze defrosted food.
	→ The IEC socket is not plugged into the appliance correctly.	▶ Check the IEC socket.
Temperature is not cold enough.	→ The appliance door is not closed properly.	▶ Close appliance door.
	→ The ambient temperature is too high.	▶ Problem solution:
	→ The appliance was opened too frequently or for too long.	▶ Wait to see if the appliance goes back to the required temperature by itself. If not, contact Customer Service.
	→ Excessive quantity of fresh food stored without actuating SuperFrost.	▶ Problem solution: (see Activating SuperFrost)
	→ The temperature is set incorrectly.	▶ Set temperature colder and check after 24 hours.
	→ The appliance is too close to a heat source (cooker, heater, etc.).	▶ Change the location of the appliance or adjust the heat source.
The door seal is defective or requires replacement for another reason.	→ The door seal is replaceable. You will not need any special tools to do this.	▶ Contact Customer Service.
The unit has iced up or condensation has formed.	→ The door seal may have also slipped out of its groove.	▶ Check to ensure that the door seal is seated properly in the groove.
Concentrated ice accumulation inside the appliance at the middle of the appliance ceiling.	→ The accumulation of ice is normal. Due to the physical conditions, the ice is concentrated on the appliance ceiling.	▶ Remove the ice with an ice scraper.
The exterior surfaces of the appliance are warm.*	→ The heat from the cooling circuit is used to avoid condensate.	▶ This is normal.
With an ambient temperature below 18 °C, the device is slightly warmed in places on the inner surface of the fridge compartment's right side wall.	→ This is necessary for operational reasons.	▶ This is normal.

11.1.2 Equipment

Defect	Cause	Remedy
The IceMaker cannot be switched on.	→ The device and thus the IceMaker are not connected.	► Connect the device (see installation instructions).
The IceMaker does not produce ice cubes.	→ The IceMaker is not switched on.	► Activate IceMaker.
	→ The drawer of the IceMaker is not closed properly.	► Push in the drawer correctly.
	→ The water connection is not open.	► Open the water connection.
The interior light does not light up.	→ The appliance is not switched on.	► Switch the appliance on.
	→ The door was open for longer than 15 minutes.	► Interior lighting switches off automatically after about 15 minutes when the door is open.
	→ The LED illumination is defective or the cover is damaged.	► Contact Customer Service.

11.2 Messages on the display

There are two categories of messages:

Category	Importance
Warning	Simple warnings can be cancelled by yourself. In the event of serious malfunctions, you must contact customer service. (see 11.4 Customer Service)
Reminder	Reminders remind you of general processes. You can carry out these operations to end the message.

11.2.1 Warnings

Behaviour of the appliance in the event of warnings:

- The corresponding status LED lights up.
- The alarm tone sounds at an ever-increasing volume.

Message	Cause	Exit the message
 Power failure LED lights up	The status LED lights up when the temperature in the appliance has risen due to a power failure.	Carry out action steps. (see 11.2.2 Ending warnings)

11.2.2 Ending warnings

Power failure LED

When the power failure has ended, the appliance will automatically cool down to the previously set target temperature without you having to confirm the message. However, for the status LED to switch off, you must confirm this.

- Press the alarm symbol.
- Warmest freezing temperature is displayed.
- If the freezing temperature was below -9 °C: Food can still be consumed.
If the freezing temperature has risen above -9 °C:
- Check the food.
- Press the alarm symbol.
- Power failure LED goes out.

11.2.3 Overview of reminders

Behaviour of the appliance during reminders:

- Display symbol appears in the status display.
- Status LED illuminates.

The following reminders can be deactivated:

Message	Cause	Exit the message
	The status LED lights up when you need to confirm the water filter replacement.	Carry out action steps. (see 11.2.4 Ending reminders)
	The status LED lights up when you need to confirm the dust filter replacement.	Carry out action steps. (see 11.2.4 Ending reminders)

11.2.4 Ending reminders

Confirm water filter change

Liebherr recommends: Replace the water filter every 6 months.

Note

Water filters are available from the Liebherr-Hausgeräte store at home.liebherr.com/shop/de/deu/zubehor.html.

- Change the water filter. (see 9.1 Changing the water filter)
- Water filter has been replaced.
- Water filter symbol lights up.

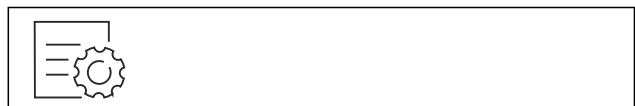


Fig. 85

Remedy in the event of a fault

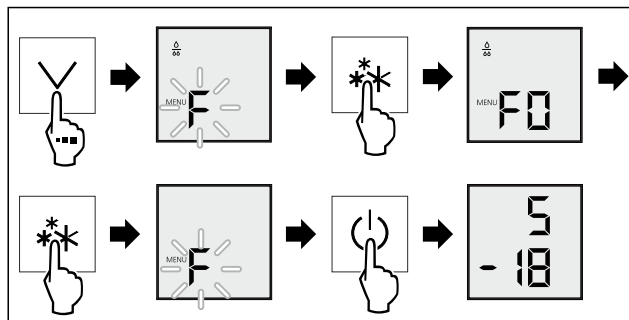


Fig. 86

- Carry out action steps according to the illustration.
- Water filter change is confirmed.
- Water filter symbol no longer lights up.

Confirm dust filter cleaning

- Carry out dust filter cleaning. (see 9.6.3 Cleaning the dust filter)
- Dust filter is cleaned.
- Dust filter LED illuminates.

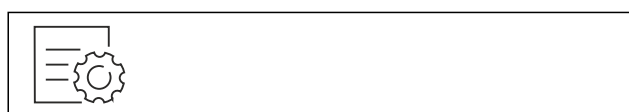


Fig. 87

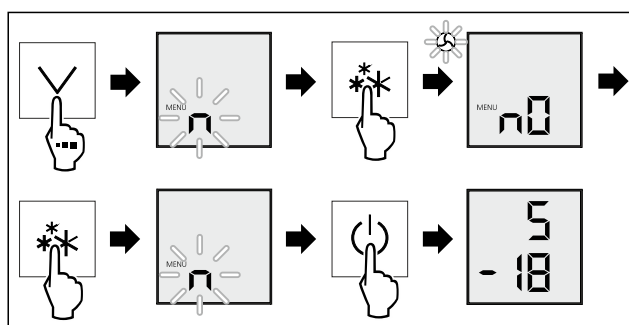


Fig. 88

- Carry out action steps according to the illustration.
- Dust filter cleaning is confirmed.
- Dust filter LED no longer lights up.

11.3 Operating noise

The appliance makes different running noises during operation.

- With **low cooling power**, the appliance saves energy but works for longer. The sound is **quieter**.
- With **high cooling power**, food is cooled more quickly. The sound is **louder**.

Examples:

- Activated functions (see 7.2 Appliance functions)
- Running fan
- Freshly added food
- High ambient temperature
- Long open door

Noise	Possible cause	Type of noise
Bubbling and splashing	Refrigerant flows in the refrigeration circuit.	Normal operating noise
Hissing and fizzing	Refrigerant being injected into the refrigeration circuit.	Normal operating noise

Noise	Possible cause	Type of noise
Hum	The appliance is cooling. The volume of the sound depends on the cooling power.	Normal operating noise
Whirring and hissing	The fan is running.	Normal operating noise
Clicking	Components are switched on and off.	Normal switching noise
Chattering or buzzing	Valves or flaps are active. The water tank pump is active.	Normal switching noise
Soft knocking, humming or buzzing*	The valve is active.	Normal operating noise

Noise	Possible cause	Type of noise	Remedy
Vibration	Unsuitable structure	Fault noise	Align the appliance horizontally using the levelling feet.
Rattling	Equipment, Items inside the appliance	Fault noise	Fix equipment parts. Leave space between the items.

11.4 Customer Service

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

You can find the address in the enclosed brochure "Liebherr-Service" or at home.liebherr.com/service.



WARNING

Unprofessional repair!*

- 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.

11.4.1 Contact customer service

Make sure that the following appliance information is available:

- ☐ Appliance designation (model and index)
- ☐ Service no. (Service)
- ☐ Serial no. (S. no.)
- Call up the appliance information via the display.
- or-
- Refer to the type plate for appliance information.
- Make a note of the appliance information.

- ▶ Inform customer service: Report errors and the appliance information.
- ▶ This will make it possible to provide fast and accurate service.
- ▶ Follow further instructions from Customer Service.

11.5 Type plate

The type plate is located behind the drawers on the inside of the appliance.

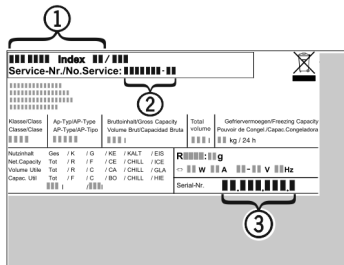


Fig. 89

- (1) Appliance designation (3) Serial no.
- (2) Service no.
- ▶ Read the information from the type plate.

12 Shutting down

- ▶ Empty the appliance.
- ▶ Switch off appliance.
- ▶ Pull the mains plug out of the socket.
- ▶ Remove the IEC socket if required: Pull the IEC socket out of the appliance plug and move it to the left and right at the same time.
- ▶ Clean appliance. (see 9.6 Cleaning the appliance)
- ▶ Leave the door open, so that no unpleasant odours arise.

13 Disposal

Ensure that the following requirements are met:

- ☐ Meaning of the symbols on the appliance: are familiar.
- ☐ Notes on disposal are familiar. (see 1.7 Information concerning disposal)

13.1 Preparing the appliance for disposal

- ▶ Shutting your appliance down. (see 12 Shutting down)

13.2 Disposing of the appliance in an environmentally friendly manner



WARNING

Risk of fire due to leaking refrigerant and oil!
The refrigerant inside the appliance is environmentally friendly, but flammable. The oil it contains is also flammable. Escaping refrigerant and oil can ignite in high concentrations and in contact with an external heat source.

- ▶ Do not damage the refrigerant circuit pipes or the compressor.

- ▶ Observe the notes on transporting the appliance.
- ▶ Remove the appliance without damaging it.
- ▶ Dispose of appliance according to specifications.



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