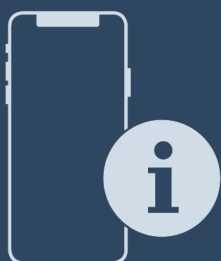




## User Guide

Quality, Design and Innovation



[home.liebherr.com/fridge-manuals](http://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.

2

| Symbol | Explanation                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | <b>Additional information on the Internet</b><br>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 <a href="http://home.liebherr.com/fridge-manuals">home.liebherr.com/fridge-manuals</a> .<br>The service number can be found on the serial tag: <div style="text-align: center;"> </div> |
|        | <b>Check appliance</b><br>Check all parts for transport damage. If you have any complaints, please contact your agent or customer service.                                                                                                                                                                                                                                                                  |
|        | <b>Differences</b><br>These instructions apply to a range of models, so differences are possible. Sections that apply to certain models only are marked with an asterisk (*).                                                                                                                                                                                                                               |
|        | <b>Instructions and results</b><br>Instructions are marked with a ►.<br>Results are marked with a ◄.                                                                                                                                                                                                                                                                                                        |
|        | <b>Videos</b><br>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](http://home.liebherr.com/open-source-licences)

These operating instructions apply to:

|          |      |
|----------|------|
| IRBP..i  | 5170 |
| IRBPbsci | 5170 |

## 1 Safety information and warnings

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 agricultural environments and by guests in hotels, motels and other accommodation

- in bed and breakfasts
- in catering and similar wholesale operations

Further uses:

- This appliance is not suitable for freezing food.

All other types of application are impermissible.

### 1.2 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                |
| SN-T          | 10 °C to 43 °C                |

### 1.3 User group

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children must not play with the appliance.
- Children must not carry out cleaning and user maintenance without supervision.
- Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.

### 1.4 Installation and commissioning

- Only install and connect the appliance in accordance with the instructions in the user information.
- Install the appliance according to the instructions in the user information to prevent the appliance from tipping over.
- Do not close the ventilation openings in the appliance housing or in the installation housing.
- Do not damage the mains cable. The appliance must not be operated with a defective mains cable.
- Do not place portable multiple sockets or power supply units at the rear of the appliance.
- It must be easy to access the socket so that the appliance can be quickly disconnected from the power supply in case of an emergency. It must not be behind the appliance.

Appliances with anti-tip protection:

- Secure the appliance with an anti-tip device in accordance with the instructions in the user information to prevent the appliance from tipping over.

### 1.5 Safe handling of the appliance

- Do not store any explosive substances, such as aerosol containers with flammable propellant gas, in the appliance. These types of aerosol can be identified by the

# Safety information and warnings

list of contents printed on it, or by a flame symbol. Any leaking gas may ignite due to electrical parts.

- Keep burning candles, lamps and other objects with naked flames away from the appliance, so that these do not set fire to the appliance.
- Alcoholic beverages and other containers bearing alcohol must be sealed tight for storage. Any leaking alcohol may ignite due to electrical parts.
- Avoid prolonged skin contact with cold surfaces or with cold/frozen food. Use gloves for protection, for example.
- The refrigerant contained (information on the type plate) is environmentally friendly but flammable. Leaking refrigerant may ignite.
  - Do not damage the refrigeration circuit.
  - Do not use any ignition sources inside the appliance.
  - Do not use electrical appliances inside the appliance (e.g. steam cleaners, heaters).
  - If the refrigerant leaks: remove any naked flames or ignition sources from the vicinity of the leakage point. Properly air the room. Inform customer service.
- Only open the door for a short time. This prevents the temperature inside the appliance from rising.
- Do not reach between the door and the appliance when opening and closing. Fingers may become trapped.
- The temperature in the warmest part of the appliance may be higher than the set temperature.

## 1.6 Cleaning

- Regularly clean surfaces that come into contact with food.
- Clean the defrost water drain regularly.
- Do not use an electric heater or steam cleaner, naked flames or defrost spray to speed up the defrosting process.
- Do not remove the ice with sharp objects.

## 1.7 Faults, damage and repairs

- If the mains connection cable of the appliance is damaged, replace the mains connection cable.
- 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.

## 1.8 Disposal

- The appliance contains valuable materials and is marked with the appropriate symbol. (see 1.14 Symbols on the appliance)
  - Do not dispose of the appliance in the household waste.
  - Dispose of the appliance free of charge at your local recycling centre using the Class 1 collection containers.
  - When purchasing a new appliance, return the old appliance to the retailer free of charge.
  - Provide information about return options.
- Your appliance may contain personal data.
  - Delete personal data before disposal.
- The appliance contains refrigerant (information on the type plate) 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 refrigeration circuit.
- Only dispose of the appliance in accordance with the instructions in the user information.

## 1.9 Conformity

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

For the EU market: The appliance complies with Directive 2014/53/EU.

For GB market: The appliance complies with the Radio Equipment Regulations 2017 SI 2017 No. 1206.

The full text of the EU Declaration of Conformity is available at the following web address: [www.liebherr.com](http://www.liebherr.com)

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

## 1.10 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:

[home.liebherr.com/en/en/liebherr-experience/sustainability/environment/scip/scip.html](http://home.liebherr.com/en/en/liebherr-experience/sustainability/environment/scip/scip.html)

## 1.11 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.

## 1.12 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](http://home.liebherr.com/open-source-licences)

## 1.13 Spare parts

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

## 1.14 Symbols on the appliance



This 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. Do not remove this symbol.

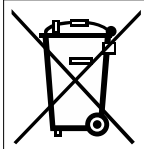


Warning: Fire hazard due to flammable substances. This symbol is located on the compressor and can also be found in other places on the appliance. This symbol warns of flammable substances. Do not remove this symbol.





This or a similar symbol 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 this symbol.



This symbol is located on the type plate. It indicates that the appliance contains valuable materials and that you must not dispose of it with household waste. (see 1.8 Disposal)

## 1.15 Warning levels

|                  |                                                                                                                            |
|------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>DANGER</b>    | Identifies an immediately dangerous situation that will result in death or serious bodily injuries if it is not prevented. |
| <b>WARNING</b>   | Identifies a dangerous situation that could result in death or serious bodily injury if it is not prevented.               |
| <b>CAUTION</b>   | Identifies an immediately dangerous situation that could result in slight or moderate injuries if it is not prevented.     |
| <b>ATTENTION</b> | Identifies a hazardous situation that could result in property damage if it is not prevented.                              |
| <b>Note</b>      | 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. (see 10.4 Customer Service)

Your new appliance comes with the following parts:

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

## 2.2 Overview of appliances and equipment

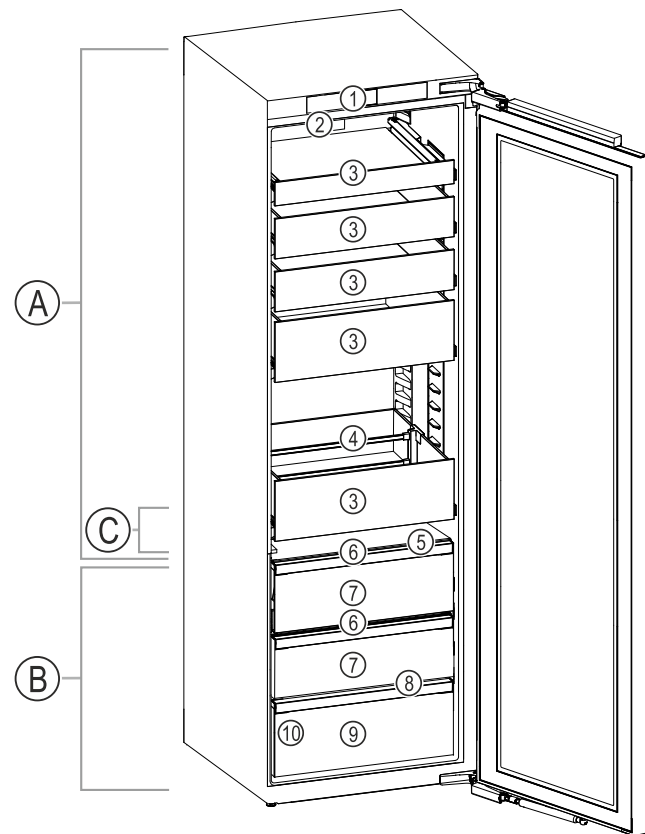


Fig. 1 Example illustration

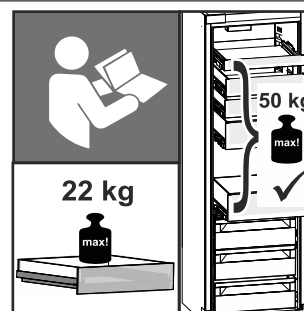
### Temperature range

- (A) Fridge compartment (C) Coldest zone  
(B) BioFresh

### Equipment

- (1) Controls (6) Lid for Fruit & Vegetable safe  
(2) Fan with FreshAir activated charcoal filter (7) Fruit & Vegetable safe  
(3) Glass drawer (8) Drain hole  
(4) Bottle holder (9) Meat & Dairy safe  
(5) Variable bottle shelf (10) Type plate

### Notes on loading



An individual drawer may only be loaded to a maximum of 22 kg.

The total load is a maximum of 50 kg when you pull **all the drawers out at the same time.**

Fig. 2

### 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.

# Functionality of the Touch & Swipe display

## 2.3 SmartDevice

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

SmartDevice-enabled appliance: Your appliance is capable of being a SmartDevice. To be able to connect your device to WiFi, you need to download the SmartDevice app.

More information about SmartDevice: [smartdevice.liebherr.com](http://smartdevice.liebherr.com)

Downloading the SmartDevice app:



After installing and configuring the SmartDevice app, you can connect your appliance to your Wi-Fi (see Wi-Fi) using the SmartDevice app and the appliance's Wi-Fi function.

### Note

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

## 3 Functionality of the Touch & Swipe display

You operate your appliance using the Touch & Swipe display. You select appliance functions in the Touch & Swipe display (hereafter referred to as display) by tapping them. If you do not perform any action on the display for 10 seconds, the display either jumps back to the higher-level menu or directly to the status display.

### 3.1 Navigation and symbol explanation

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

| Symbol | Description                                                                                                   |
|--------|---------------------------------------------------------------------------------------------------------------|
|        | <b>Briefly touch the display:</b><br>Activates/deactivates function.<br>Confirms selection.<br>Opens submenu. |
|        | <b>Touch the display for a specified time (e.g. 3 seconds):</b><br>Activates/deactivates function or value.   |
|        | <b>Swipe left or right:</b><br>Navigate in the menu.                                                          |

| Symbol                            | Description                                                                                                                                                                                                         |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                   | <b>Briefly touch the Back symbol:</b><br>Jumps back one menu level.                                                                                                                                                 |
|                                   | <b>Press and hold the Back symbol for 3 seconds:</b><br>Jumps back to the status display.                                                                                                                           |
|                                   | <b>Arrow with clock:</b><br>It takes more than 10 seconds for the following message to appear in the display.                                                                                                       |
|                                   | <b>Arrow with a time indication:</b><br>It takes the specified amount of time until the following message appears in the display.                                                                                   |
|                                   | <b>"Open Settings menu" symbol:</b><br>Navigates to the Settings menu and opens the settings menu.<br>If necessary: Navigate to the desired function in the Settings menu.<br>(see 3.2.1 Opening the Settings menu) |
|                                   | <b>"Open Advanced menu" symbol:</b><br>Navigates to the Advanced menu and opens the advanced menu.<br>If necessary: Navigate to the desired function in the Advanced menu.<br>(see 3.2.2 Opening the expanded menu) |
| No action for 10 seconds          | If you do not perform any action on the display for 10 seconds, the display either jumps back to the higher-level menu or directly to the status display.                                                           |
| Close the door and open it again. | If you close the door and immediately open it again, the display jumps directly back to the status display.                                                                                                         |

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

### 3.2 Menus

The appliance functions are distributed over various menus:

| Menu              | Description                                                                                                                                                                                       |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main menu         | When you switch the appliance on, you are automatically in the main menu.<br>From here you can navigate to the most important appliance functions, to the Settings menu and to the Advanced menu. |
| <br>Settings menu | The Settings menu contains additional appliance functions for setting up your appliance.                                                                                                          |

| Menu          | Description                                                                                                                                                       |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 <b>151</b> . |

## 3.2.1 Opening the Settings menu

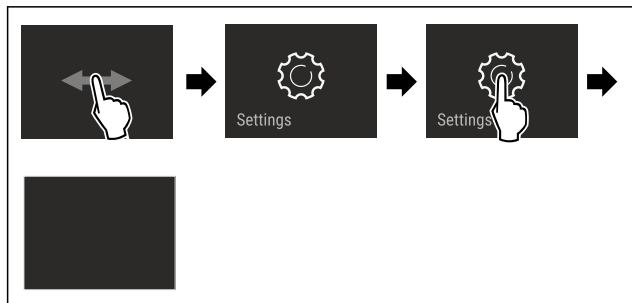


Fig. 3 Example illustration

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

## 3.2.2 Opening the expanded menu



Fig. 4

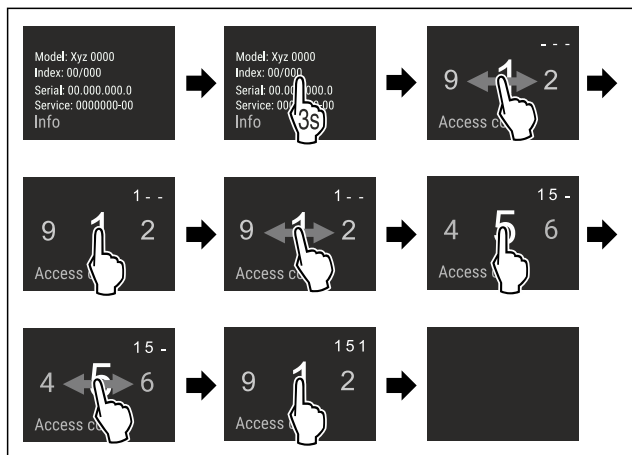


Fig. 5 Example illustration, access with numerical code **151**

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

## 3.3 Sleep mode

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

### 3.3.1 Ending sleep mode

- ▶ Touch the display briefly with your finger.
- ▶ Sleep mode is ended.

## 4 Putting into operation

### 4.1 Switching on appliance (first use)

Make sure that the following requirements are fulfilled:

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

**Switch on the appliance using the Touch & Swipe display:**

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

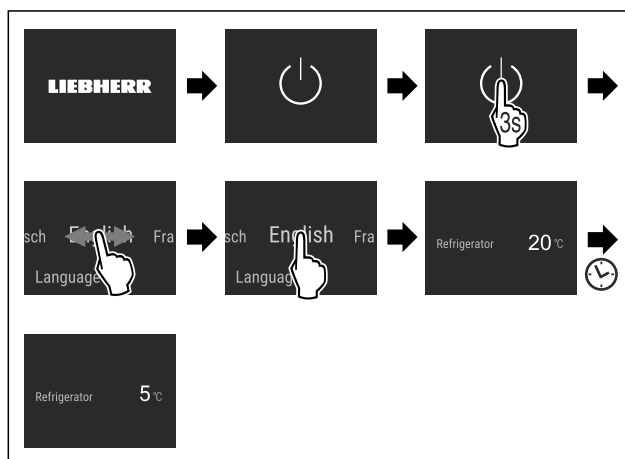


Fig. 6 Example illustration

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

**More information:**

- Start the SmartDevice for the first time. (see 2.3 Smart-Device) and (see WiFi)

### Note

The manufacturer recommends:

- ▶ Stock with food: Wait for around 6 hours until the set temperature is reached.
- ▶ Observe the notes on storing food. (see 5.1 Information regarding storage)

### Note

Accessories can be purchased from the Liebherr-Hausgeräte store at [home.liebherr.com/shop/de/deu/zubehor.html](http://home.liebherr.com/shop/de/deu/zubehor.html).

## 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.
- Package or cover foods that readily take on or give off odours or taste in closed containers.
- Package raw meat or fish in clean, closed containers. This will prevent meat or fish from touching or dripping onto other food.
- Keep liquids in closed containers.
- Leave space between goods to ensure good air circulation.
- Store food according to the instructions on the packaging.
- Always observe the best-before date indicated on the packaging.

#### 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 appliances and equipment)

#### 5.2.1 Arranging your food properly

##### Note

Maximum load of a single drawer in the fridge compartment: 22 kg

Maximum load of the fridge compartment when all drawers are pulled out at the same time: 50 kg

(see 2.2 Overview of appliances and equipment)

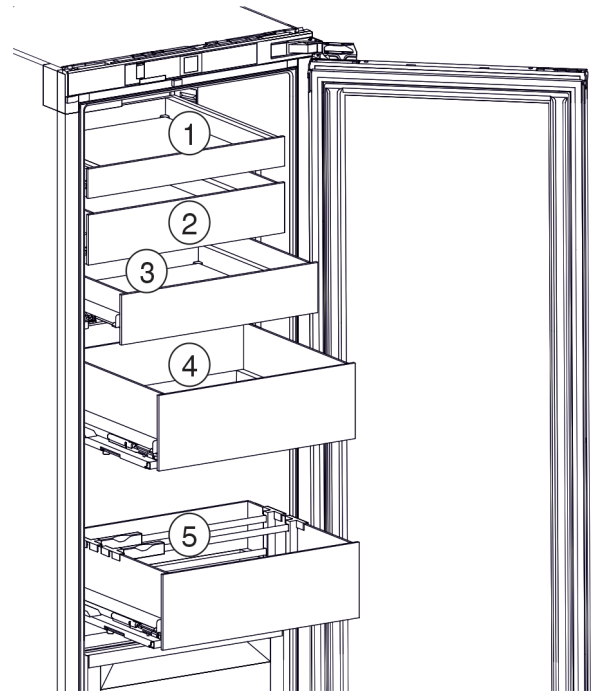


Fig. 7 Storage examples

(1) Butter, eggs

(2) Yoghurt, quark

(3) Foodstuffs in small jars or in small tins

(4) Canned food, tins

(5) Bottles, Tetra Paks

- Load drawers according to the size of the groceries.

### 5.3 BioFresh

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

#### 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 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.

### 5.4.1 Fridge section

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

### 5.4.2 BioFresh

| Recommended storage periods in the Meat & Dairy-Safe |         |                |
|------------------------------------------------------|---------|----------------|
| 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   |
| Game                                                 | at 1 °C | up to 6 days   |

#### Note

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

| Recommended storage periods in the Fruit & Vegetable-Safe |         |                |
|-----------------------------------------------------------|---------|----------------|
| 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  |

| Recommended storage periods in the Fruit & Vegetable-Safe |         |                |
|-----------------------------------------------------------|---------|----------------|
| 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  |

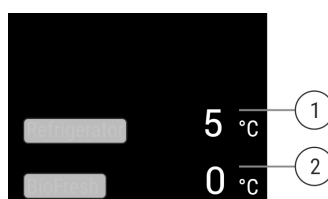
## 6 Saving energy

- 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. 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](http://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.
- For longer periods of absence, use HolidayMode (see HolidayMode).

## 7 Controls

### 7.1 Controls and displays

#### 7.1.1 Status display



# Controls

Fig. 8 The status display shows the actual temperature.

- (1) Temperature display of the fridge section      (2) Temperature display BioFresh

The status display shows the actual temperature and is the initial display. Navigation to the functions takes place from there.

## 7.1.2 Display symbols

Display symbols provide information on the current appliance status:

| Symbol                                                                            | Appliance status                                                                                          |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|  | <b>Standby</b><br>The appliance or temperature zone is switched off.                                      |
|  | <b>Flashing number</b><br>Appliance is working. Temperature flashes until the set temperature is reached. |
|  |                                                                                                           |
|  | <b>Flashing symbol</b><br>Appliance is working. Setting is made.                                          |
|  |                                                                                                           |

## 7.2 Appliance functions

### 7.2.1 Notes on the appliance functions

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

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

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



### Switching the appliance off and on

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

#### Switching off the appliance

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

Make sure that the following requirements are fulfilled:

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



Fig. 9

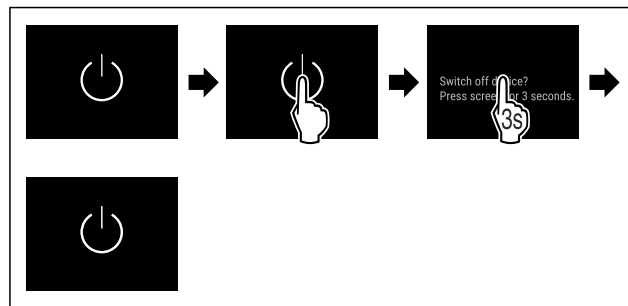


Fig. 10

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

#### Switching on the appliance

If the display is in sleep mode:

- ▶ Briefly touch the display.

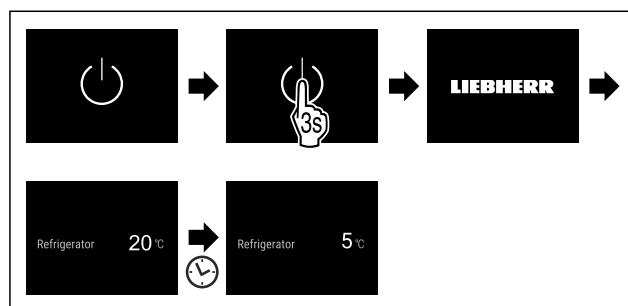


Fig. 11 Example illustration

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



### WiFi

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

More information on the SmartDevice: (see 2.3 SmartDevice)

#### Note

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

#### Establishing the WiFi connection for the first time

Make sure that the following requirements are fulfilled:

- ☐ You have installed the SmartDevice app (see [apps.home.liebherr.com](https://apps.home.liebherr.com)).
- ☐ Registration in the SmartDevice app is completed.

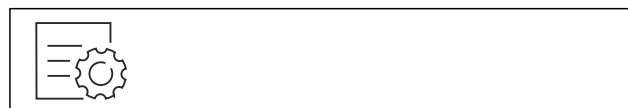


Fig. 12



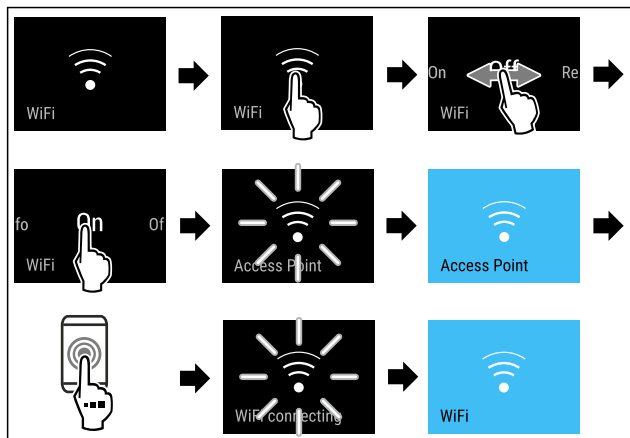


Fig. 13

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

## Disconnecting from the WiFi



Fig. 14

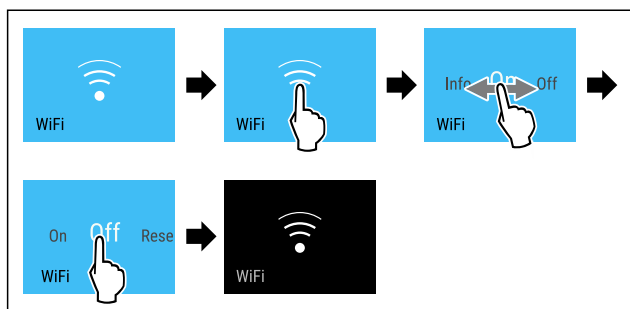


Fig. 15

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

## Resetting the WiFi connection



Fig. 16

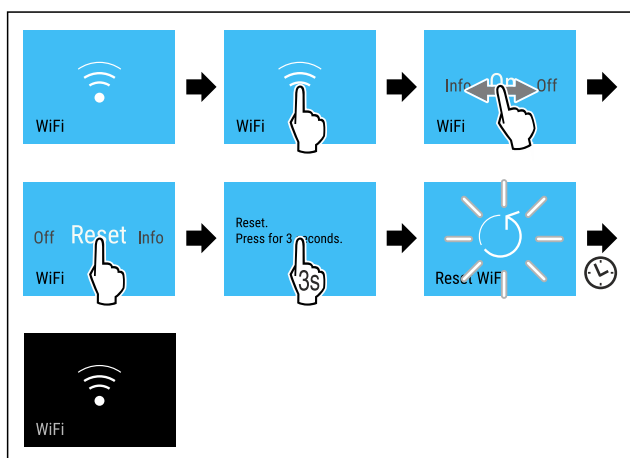


Fig. 17

- 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. 18

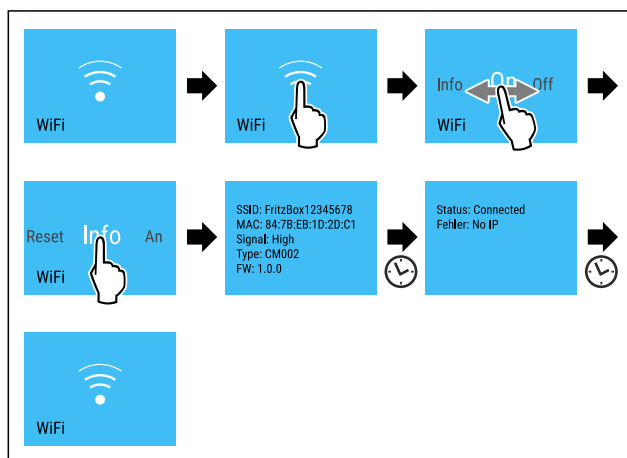


Fig. 19

- Carry out action steps according to the illustration.

## 5 °C 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            |
|---------------------|-------------------------|--------------------------------|
| 5 °C Fridge section | 5 °C                    | 4 °C                           |
| 0 °C BioFresh       | 0 °C                    | B-Value (see BioFresh B-Value) |

## Setting the temperature in the fridge section

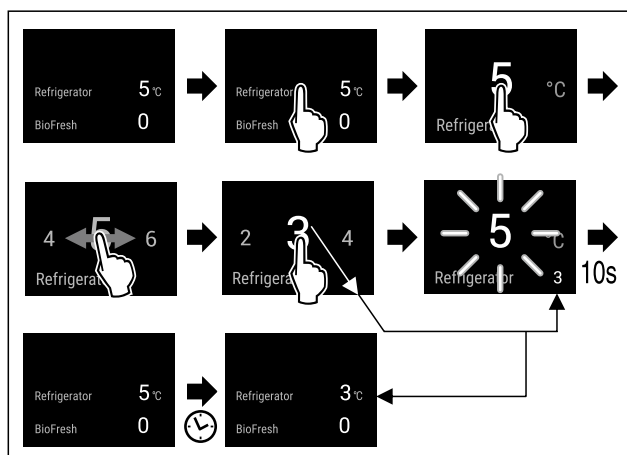


Fig. 20 Example illustration

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

# Controls

## Setting the temperature in BioFresh

Set the temperature using the **BioFresh B-Value**. (see 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. 21

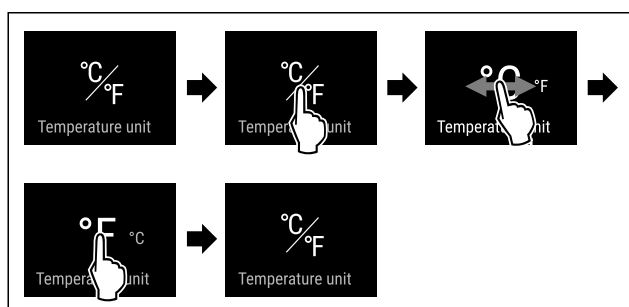


Fig. 23 Example illustration: Switch from degrees Celsius to degrees Fahrenheit.

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

## B5

### 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 pre-set to value B5 as delivered. 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

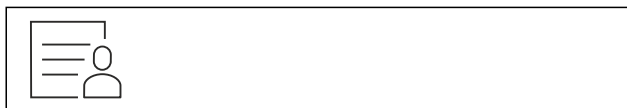


Fig. 24

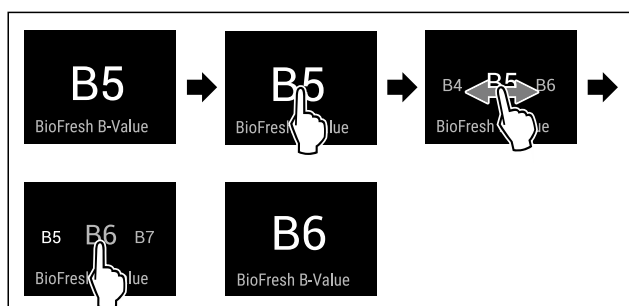


Fig. 26 Example illustration: Switch from B5 to B6.

- ▶ Carry out action steps according to the illustration.
- ▶ The BioFresh B-Value is set.
- ▶ Status display shows target temperature.

## D1

### D-Value

The D-Value is pre-set for your appliance and is not permitted to be changed.



### 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.

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. 27

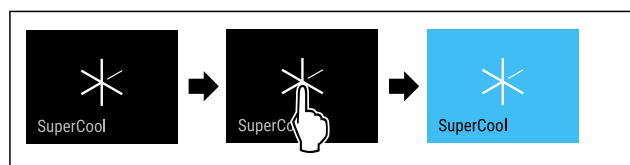


Fig. 28

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

#### Deactivating SuperCool

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



Fig. 29

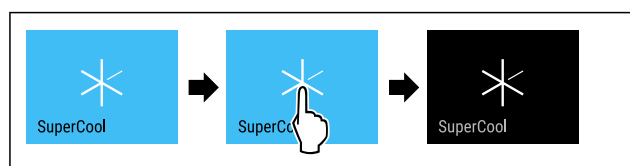


Fig. 30

- ▶ Carry out action steps according to the illustration.
- or-

- ▶ Deactivate with the SmartDevice app.
- ▶ SuperCool is deactivated.
- ▶ The appliance continues to run in normal mode.
- ▶ The appliance cools to the temperature set previously.

## PartyMode

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

PartyMode activates the following functions:

- SuperCool (see SuperCool)

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

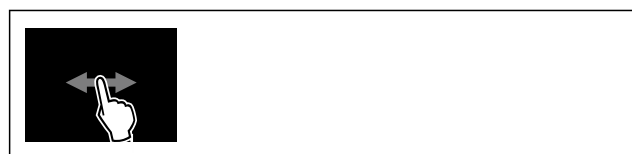


Fig. 31

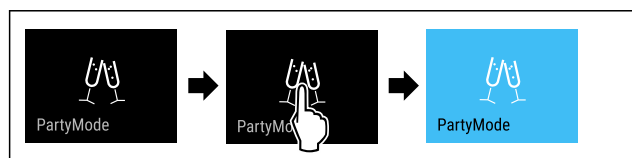


Fig. 32

- ▶ Carry out action steps according to the illustration.
- ▶ PartyMode and the associated functions are activated.
- ▶ The temperature display turns blue.
- ▶ 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:

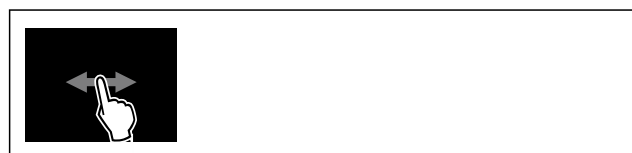


Fig. 33



Fig. 34

- ▶ 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.

## HolidayMode

You can use this function to activate or deactivate HolidayMode. If you activate HolidayMode, the fridge section is set to 15 °C. This saves you energy during longer periods of absence and prevents bad odours and growth of mould.

| Appliance status when HolidayMode is active |
|---------------------------------------------|
| Fridge section cools to 15 °C.              |
| BioFresh cools to 15 °C.                    |
| PartyMode is deactivated.                   |
| SuperCool is deactivated.                   |

### Activating HolidayMode

- ▶ Empty the fridge section completely.
- ▶ Empty BioFresh completely.

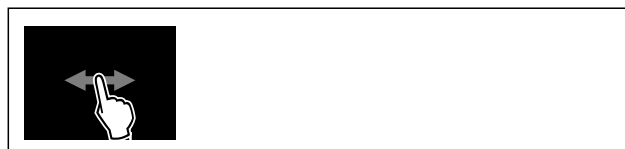


Fig. 35

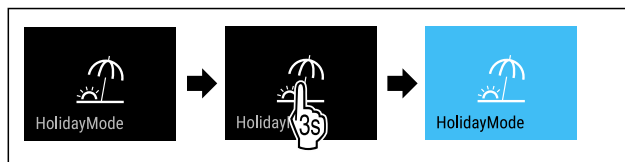


Fig. 36

- ▶ Carry out action steps according to the illustration.
- ▶ HolidayMode is activated.
- ▶ Temperature display turns blue and shows HolidayMode symbol.

### Deactivating HolidayMode



Fig. 37

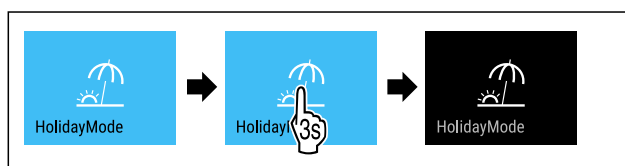


Fig. 38

- ▶ Carry out action steps according to the illustration.
- ▶ HolidayMode is deactivated.
- ▶ The appliance cools to the temperature set previously.

## SabbathMode

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

| Device status when SabbathMode is active          |
|---------------------------------------------------|
| The status display shows SabbathMode permanently. |

| Device status when SabbathMode is active                                                                  |
|-----------------------------------------------------------------------------------------------------------|
| All functions on the display are locked except for the <b>Deactivate SabbathMode function</b> .           |
| 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 defrosting cycle operates only for the specified time, without considering the appliance consumption. |
| After a power failure, the appliance returns to SabbathMode.                                              |

Device status

## Note

This appliance has certification from the "Institute for Science and Halacha". ([www.machonhalacha.co.il](http://www.machonhalacha.co.il))

You can find a list of STAR-K-certified appliances at [www.star-k.org/appliances](http://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. 39



Fig. 40

- 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:

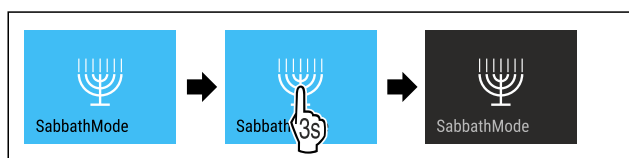


Fig. 41

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



## EnergySaver

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

| Temperature zone       | Recommended setting (see Setting the temperature in the fridge section) | Temperature with active EnergySaver |
|------------------------|-------------------------------------------------------------------------|-------------------------------------|
| 5 °C<br>Fridge section | 4 °C                                                                    | 7 °C                                |

Temperatures

## Activating EnergySaver



Fig. 42

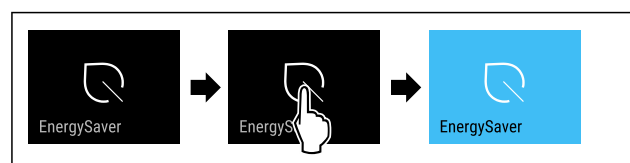


Fig. 43

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

## Deactivating EnergySaver



Fig. 44

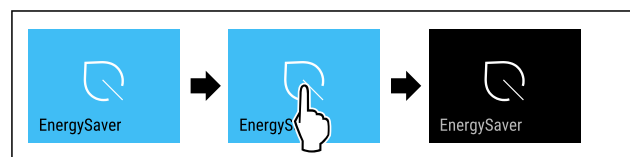


Fig. 45

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



## CleaningMode

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

This setting applies to the fridge section.

Application:

- Clean the fridge section. (see 9.6 Cleaning the appliance)

| Device status when CleaningMode is active                            |
|----------------------------------------------------------------------|
| The status display shows CleaningMode permanently.                   |
| The fridge section is switched off.                                  |
| Interior lighting is activated.                                      |
| The reminders and warnings are not displayed. No signal tone sounds. |

Device status

## Activating CleaningMode



Fig. 46



Fig. 47

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

## Deactivating CleaningMode

CleaningMode is deactivated automatically after 60 minutes. However, you can also deactivate CleaningMode manually at any time:



Fig. 48

- Carry out action steps according to the illustration.
- CleaningMode is deactivated.
- The appliance cools to the temperature set previously.

## Display brightness

Use this function to set the display brightness in stages.

You can select the following brightness levels:

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

## Setting the brightness



Fig. 49

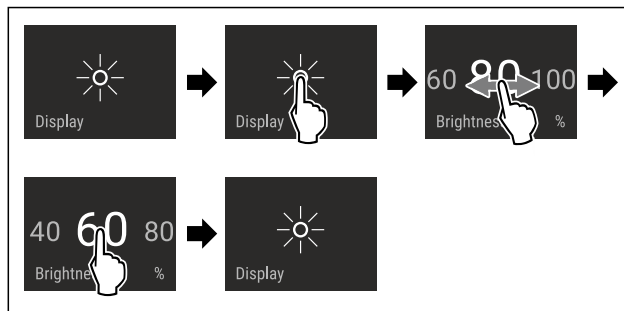


Fig. 50 Example illustration: Switch from 80 % to 60 %.

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

## Door alarm

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

The following values can be set:

- 1 minute
- 2 minutes
- 3 minutes
- Off

## Setting the door alarm



Fig. 51

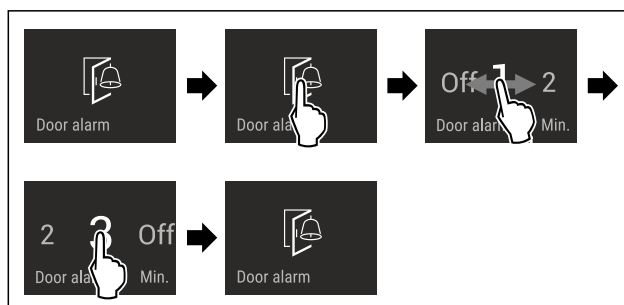


Fig. 52 Example illustration: Change door alarm from 1 minute to 3 minutes.

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

## Deactivating the door alarm



Fig. 54

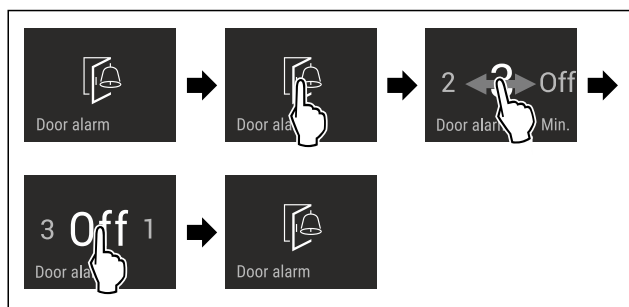


Fig. 55

- ▶ 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. 56

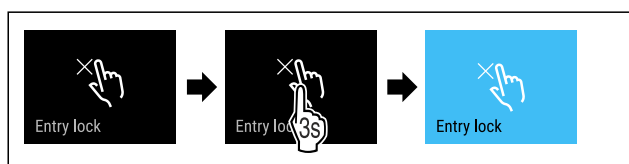


Fig. 57

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

### Deactivating the input lock



Fig. 58

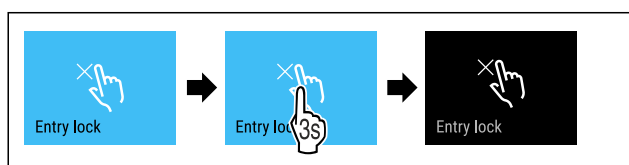


Fig. 59

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



## Language

Use this function to set the display language.

You can select the following languages:

- Deutsch
- English
- Français
- Español
- Italiano
- Nederlands
- Čeština
- Polski
- Português
- Bulgarian
- Русский
- 温度单位

### Setting the language

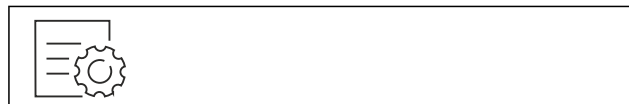


Fig. 60

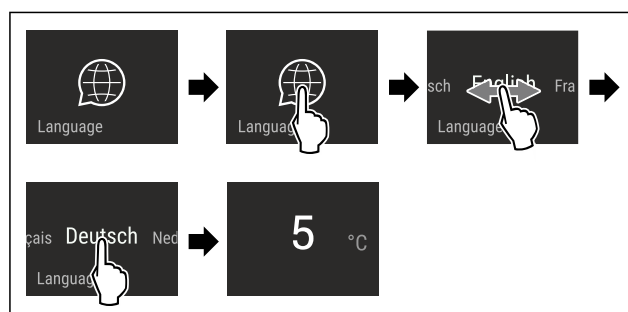


Fig. 61 Example illustration depending on the language and temperature

- ▶ Carry out action steps according to the illustration.
- ▶ The language is set.
- ▶ The display returns to the status display.



## Device information

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

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

### Indicating the device information



Fig. 62



Fig. 63

- ▶ 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. 64



Fig. 65

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



## Reminder

Use this function to activate or deactivate the reminders. The function is activated on delivery.

If the function is activated, the following reminders will appear:

- Replace the FreshAir activated carbon filter (see Replace the FreshAir activated carbon filter)

### Activating the reminder

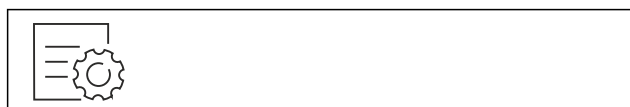


Fig. 66

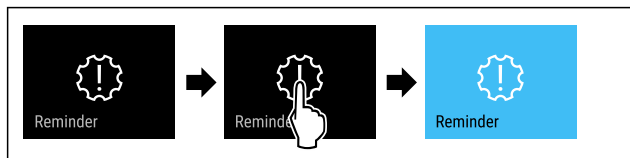


Fig. 67

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

### Deactivating the reminder



Fig. 68

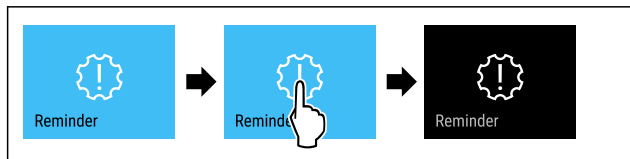


Fig. 69

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



## 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

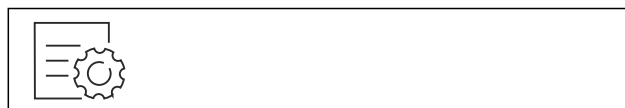


Fig. 70

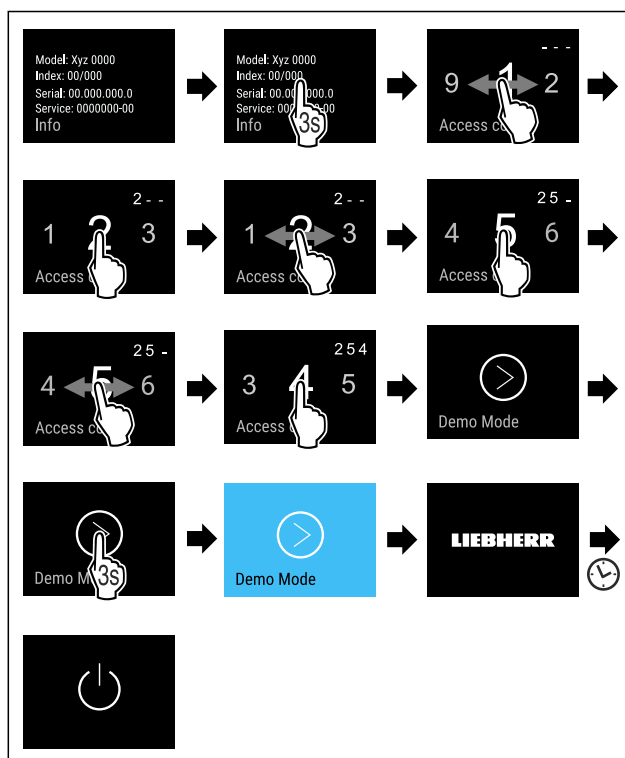


Fig. 71

- ▶ 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. 72

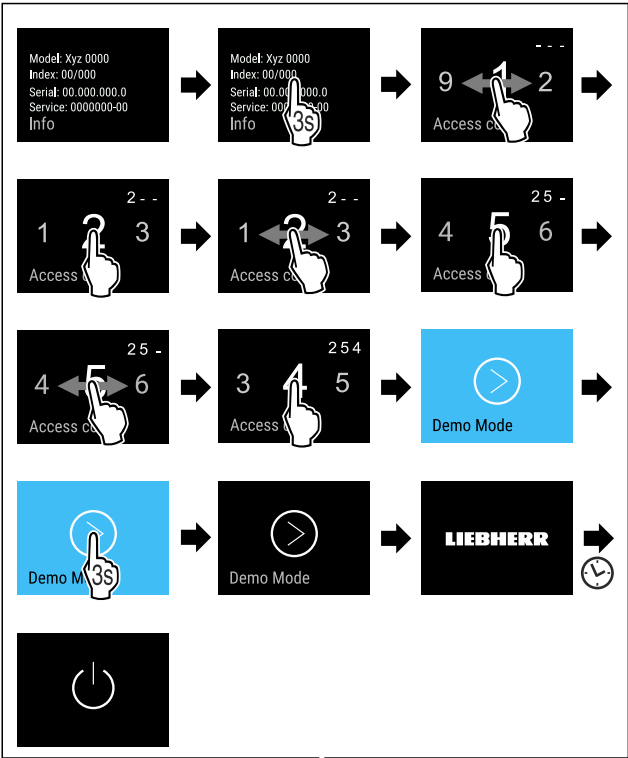


Fig. 73

- ▶ 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. 74

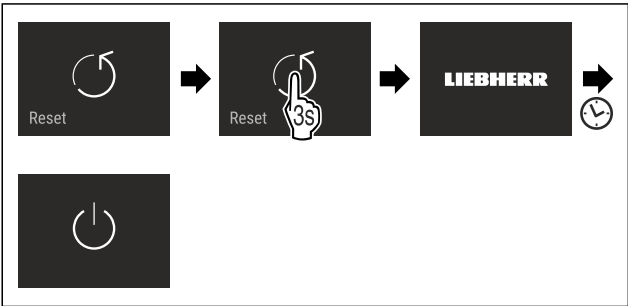


Fig. 75

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

7.3 Messages

There are two categories of messages:

| Category | Importance                                                                                                                                                                                                         |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Warning  | Warnings appear in the event of a door alarm or malfunction.<br>Simple warnings can be cancelled by yourself. In the event of serious malfunctions, you must contact customer service. (see 10.4 Customer Service) |
| Reminder | Reminders remind you of general processes. You can carry out these operations to end the message.                                                                                                                  |

7.3.1 Overview of warnings

Behaviour of the appliance in the event of warnings:

- Warning appears in red on the display.
- The alarm tone sounds at an ever-increasing volume.
- The interior lighting pulsates for some warnings.

| Message                                  | Cause                                                                                                                                                                                 | Exit the message                         |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| <br>Close the door.<br><b>Door alarm</b> | The message appears if the door is open for too long.                                                                                                                                 | Carry out action steps. (see Door alarm) |
| <br>Error<br><b>Error</b>                | The message appears if there is an appliance error. A component of the appliance has a fault.                                                                                         | Carry out action steps. (see Error)      |
| <br><b>WiFi error</b>                    | The message appears if the appliance could not be connected to the WLAN. (see Establishing the WiFi connection for the first time) The message only appears during the initial setup. | Carry out action steps. (see WLAN error) |

7.3.2 Ending warnings

Door alarm

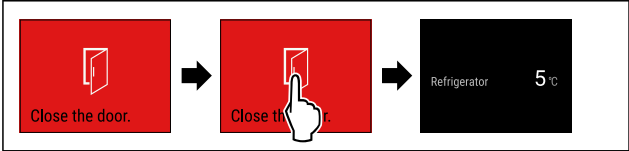


Fig. 76 Example illustration

- ▶ Carry out action steps according to the illustration.

-or-

- ▶ Close the door.

- ▶ The display returns to the status indicator.

You can set how long the door may be open before the door alarm sounds. (see Setting the door alarm)

## Error

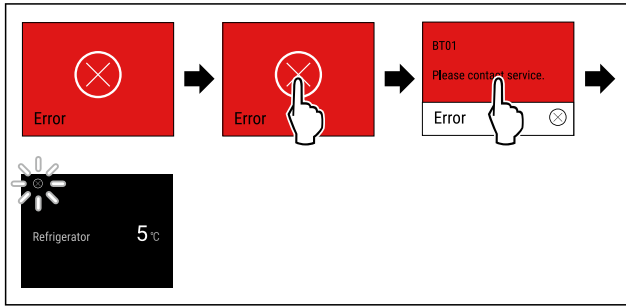


Fig. 77 Example illustration

- ▶ Briefly touch the display.
- ▶ Error code is displayed.
- ▶ Note the error code.
- ▶ Briefly touch the display.
- ▶ The display returns to the status indicator.
- ▶ Contact Customer Service. (see 10.4 Customer Service)

## WLAN error

- ▶ Check WLAN connection.
- ▶ Reconnect the appliance to the WLAN. (see WiFi)

## 7.3.3 Overview of reminders

Behaviour of the appliance during reminders:

- Reminder appears yellow on the display.
- Alarm tone sounds.
- The interior lighting pulsates for some reminders.

The following reminders can be deactivated (see Deactivating the reminder) :

- Replace the FreshAir activated carbon filter

| Message                                                                                                                                   | Cause                                                                               | Exit the message                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <br><b>Replace the FreshAir activated carbon filter</b> | The message appears when the FreshAir activated carbon filter needs to be replaced. | Carry out action steps. (see Replace the FreshAir activated carbon filter) |

## 7.3.4 Ending reminders

### Replace the FreshAir activated carbon filter

Liebherr recommends: Replace the FreshAir activated carbon filter every 6 months.

## Note

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

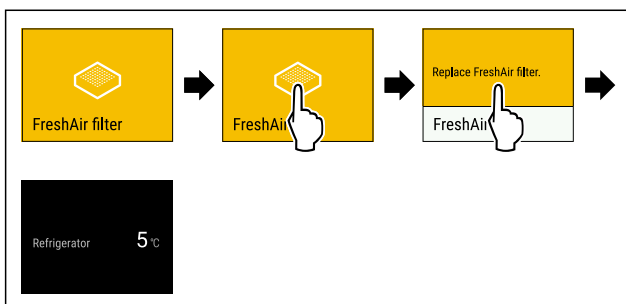


Fig. 78 Example illustration

- ▶ Briefly touch the display.
- ▶ Display shows reminder information.

- ▶ Briefly touch the display.
- ▶ Replace the activated carbon filter. (see 9.1 FreshAir carbon filter)
- ▶ Activated carbon filter ensures optimum air quality in the cooling unit.
- ▶ Reminder appears again after 6 months.

If you no longer wish to receive this reminder, you can deactivate it. (see Deactivating the reminder)

## 8 Features

### 8.1 Adjustable bottle shelf

Either the glass shelf or the variable bottle rack can be used in the bottom section of the refrigerator. The glass shelf is inserted at delivery.

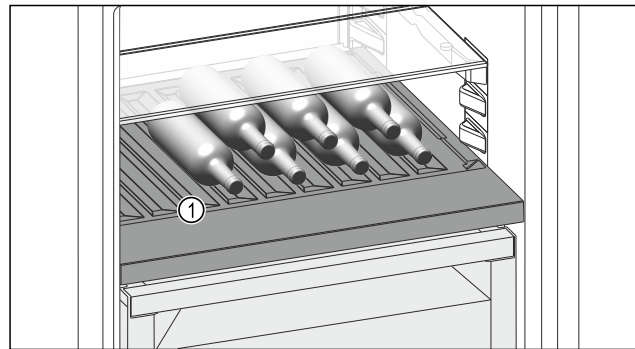


Fig. 79 Example illustration

(1) Variable bottle rack

#### 8.1.1 Using the variable bottle rack

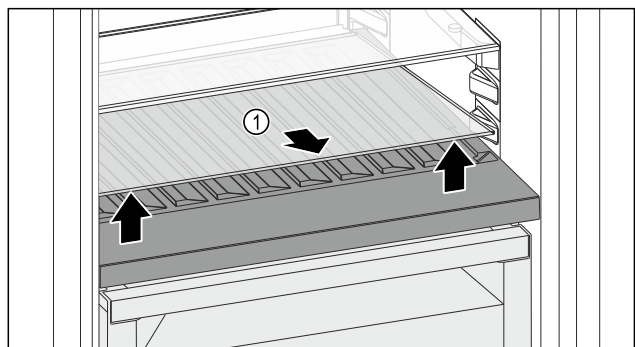


Fig. 80

- ▶ Lift the glass shelf Fig. 80 (1) at the front and remove.
- ▶ Store the glass shelf Fig. 80 (1) in a safe place outside the appliance.

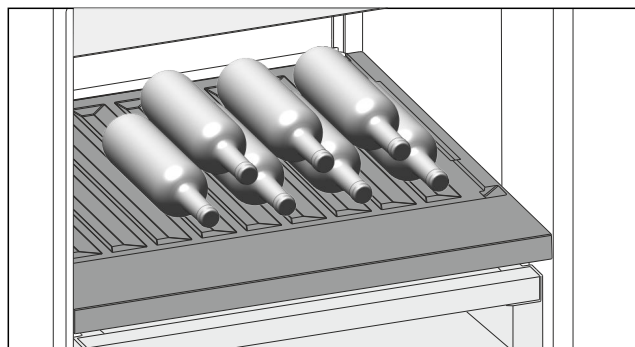


Fig. 81

- ▶ Place bottles in the back row with their bases against the back wall. (see Fig. 81)

# Features

## Note

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

- Set the lower door rack one position higher.

## 8.1.2 Using the glass shelf

Ensure that the following requirements are met:

- ❑ Bottles have been removed.
- ❑ Variable bottle rack has been cleaned.  
(see 9.3 Removing / inserting the variable bottle rack)  
(see 9.6.3 Clean the components)

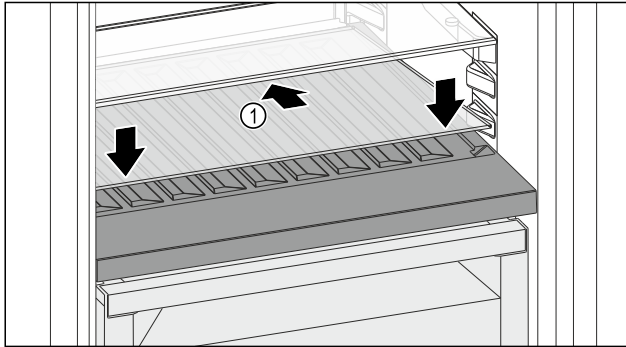


Fig. 82

- Place the glass shelf Fig. 82 (1) at an angle, sloping it downwards and backwards.
- Lower the glass shelf Fig. 82 (1) at the front.

## 8.2 Drawers

You can remove the drawers for cleaning.

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

## Note

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

- Always keep the inside vents at the rear wall clear.

### 8.2.1 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

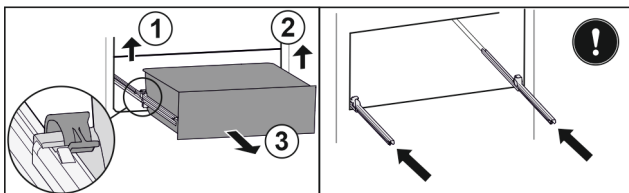


Fig. 83

- Pull out drawer as far as it will go.
- Lift left clamp and simultaneously pull drawer forwards on the left. Fig. 83 (1)
- Lift right clamp and simultaneously pull drawer forwards on the right. Fig. 83 (2)
- Remove drawer to the front. Fig. 83 (3)

- Slide rails in.

#### Inserting drawer

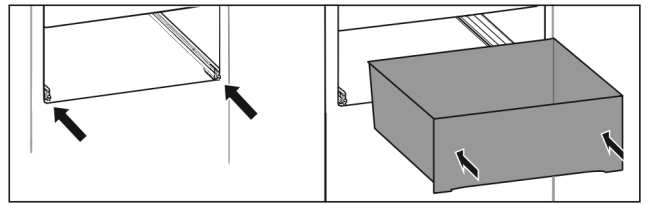


Fig. 84

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

#### Fully extendible glass drawer\*

#### Removing drawer

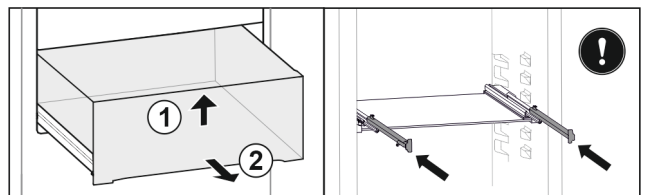


Fig. 85

- Pull out drawer as far as it will go.
- Lift up drawer at the front. Fig. 85 (1)
- Remove drawer to the front. Fig. 85 (2)
- Slide rails in.

#### Inserting drawer

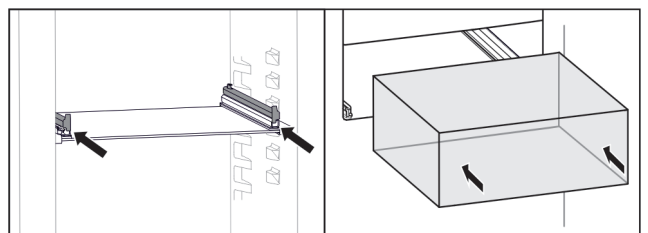


Fig. 86

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

## 8.3 Compartment lid for Fruit & Vegetable Safe

The compartment lid ensures constant levels of humidity.

The compartment lid is directly on the drawer and can be covered by shelves or additional drawers.

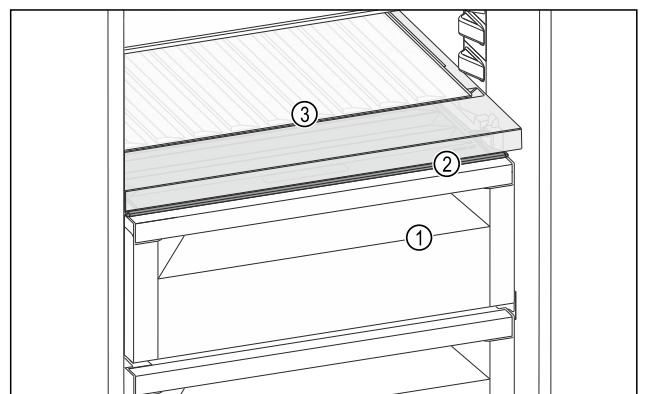


Fig. 87 Example illustration, compartment lid for Fruit & Vegetable Safe

- (1) Fruit & Vegetable Safe
- (2) Compartment lid for Fruit & Vegetable Safe
- (3) Variable bottle rack

## 8.3.1 Reducing the air humidity in the drawer

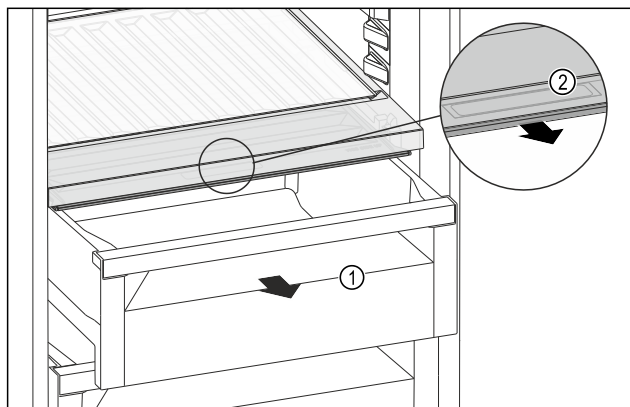


Fig. 88

- Pull out the drawer Fig. 88 (1).
- Grasp the recessed grip Fig. 88 (2) on the compartment lid and pull the compartment lid forwards at the same time.
- When the drawer is closed, there is a small gap between the compartment lid and the drawer.

## 8.3.2 Increasing the air humidity in the drawer

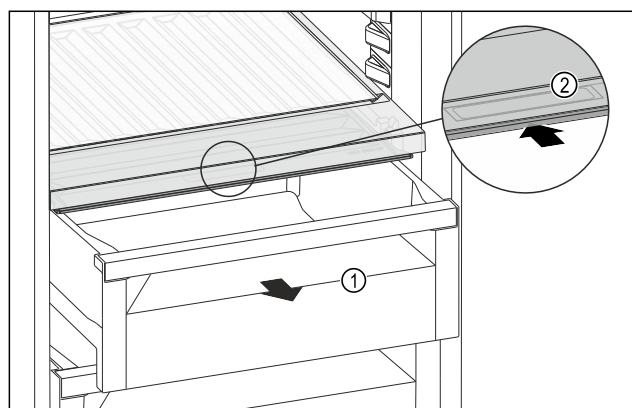


Fig. 89

- Pull out the drawer Fig. 89 (1).
- Grasp the recessed grip Fig. 89 (2) on the compartment lid and push the compartment lid backwards at the same time.
- When the drawer is closed, the compartment lid seals with the drawer.

## 8.3.3 Using Fruit & Vegetable Safe as Meat & Dairy Safe

You can use the Fruit & Vegetable Safe as Meat & Dairy Safe. To do this, you must reduce the humidity in the drawer. (see 8.3.1 Reducing the air humidity in the drawer)

## 8.4 Butter dish

### 8.4.1 Opening/closing the butter dish

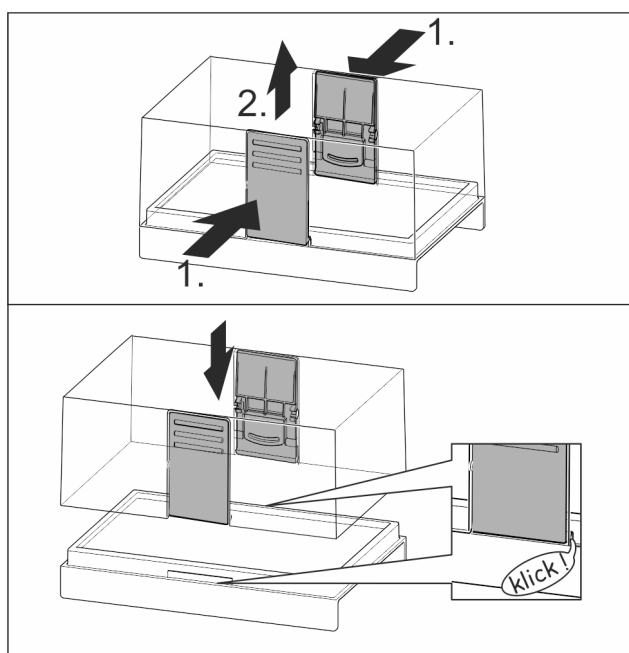


Fig. 90

### 8.4.2 Dismantling the butter dish

You can take the butter dish apart for cleaning.

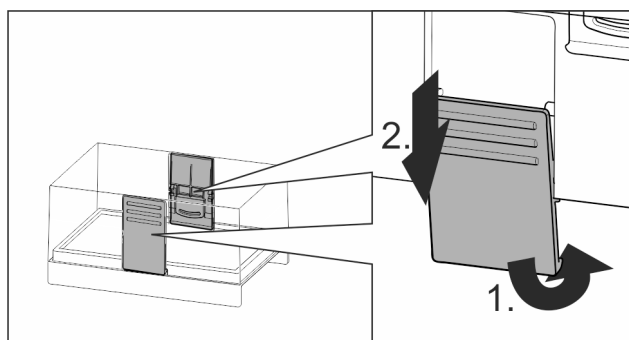


Fig. 91

- Disassembling the butter dish.

## 8.5 Egg rack

You can pull out and turn the egg rack. You can use both sides of the egg rack so you can label specifics like the purchase date.

# Maintenance

## 8.5.1 Using the egg rack

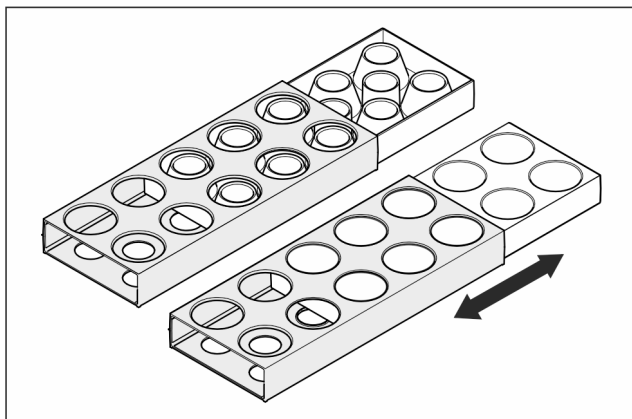


Fig. 92

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

## 8.6 FlexSystem

### 8.6.1 Using the FlexSystem

The FlexSystem helps you store and organise your food in a clear and flexible way. It lets you clearly divide your food into fruit, vegetables or by use-by dates, for example.

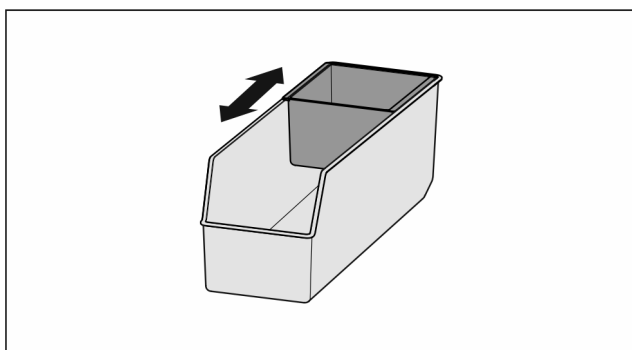


Fig. 93

- Move the inner shell.

### 8.6.2 Removing the FlexSystem

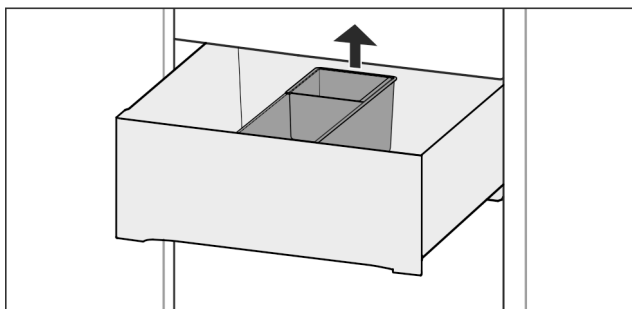


Fig. 94

- Lift the FlexSystem from the back.
- Pull up and out.

### 8.6.3 Inserting the FlexSystem

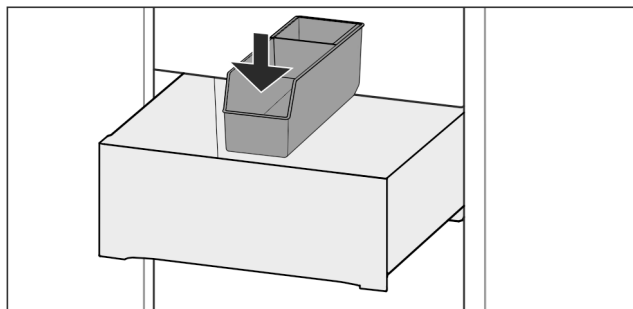


Fig. 95

- Insert the FlexSystem front-first.
- Lower the rear part.

### 8.6.4 Disassembling the FlexSystem

You can take the FlexSystem apart for cleaning.

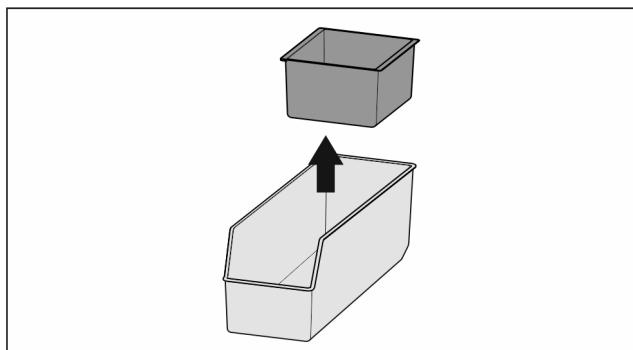


Fig. 96

- Disassembling the FlexSystem

## 9 Maintenance

### 9.1 FreshAir carbon filter

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

It guarantees the best air quality.

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

#### Note

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

#### 9.1.1 Removing the FreshAir carbon filter

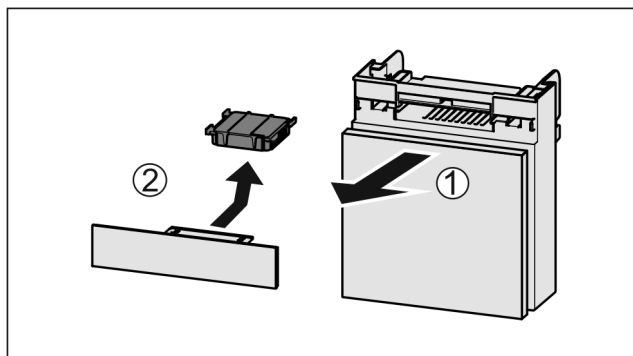




Fig. 97

- Pull out the compartment Fig. 97 (1).
- Remove the carbon filter Fig. 97 (2).

## 9.1.2 Inserting the FreshAir carbon filter

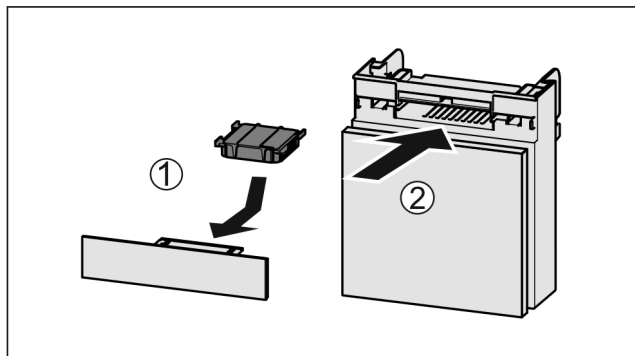


Fig. 98

- Insert the carbon filter as shown in the diagram Fig. 98 (1).
- The carbon filter clicks into place. If the carbon filter is pointing downwards:
- Push the compartment in Fig. 98 (2).
- The carbon filter is now ready for use.

## 9.2 Disassembling / assembling pull-out systems

### 9.2.1 Notes on disassembly

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

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

| Pull-out system                | can be disassembled / cannot be disassembled               |
|--------------------------------|------------------------------------------------------------|
| Fully extendible*              | cannot be disassembled*                                    |
| Fully extendible glass drawer* | can be disassembled (see Fully extendible glass drawer*) * |

### 9.2.2 Drawer on telescopic rails

#### Fully extendible glass drawer\*

##### Disassembling pull-out system

Make sure the following prerequisites are met:

- ☐ Drawer has been removed. (see Fully extendible glass drawer\*)
- ☐ Glass shelf has been removed.

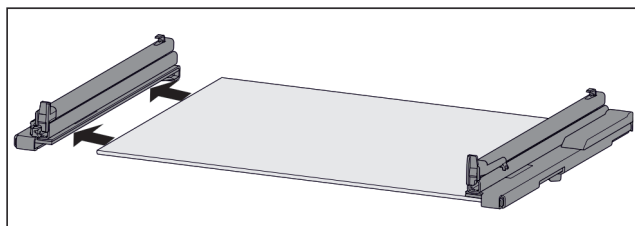


Fig. 99 Glass shelf with rails

- Remove rail from glass shelf sideways.

### Installing pull-out system

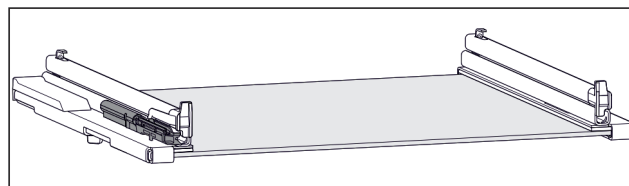


Fig. 100 Damping mechanism

The damping mechanism is attached to the left rail. (see Fig. 100) There is no damping mechanism attached to the right rail.

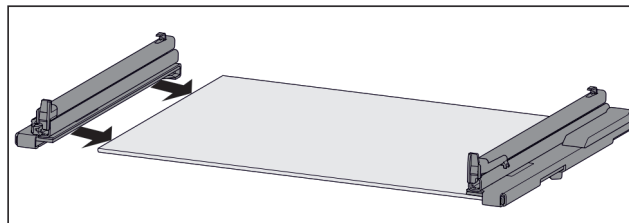


Fig. 101 Glass shelf with rails

Install rail **with** damping mechanism:

- Push rail as far as it will go onto the **left** side of the glass shelf.
- Install rail **without** damping mechanism:
- Push rail as far as it will go onto the **right** side of the glass shelf.

## 9.3 Removing / inserting the variable bottle rack

The variable bottle rack can be removed for cleaning.

### 9.3.1 Removing the variable bottle rack

Ensure that the following requirements are met:

- ☐ Bottles have been removed.
- ☐ Glass shelf has been removed. (see 8.1.1 Using the variable bottle rack)

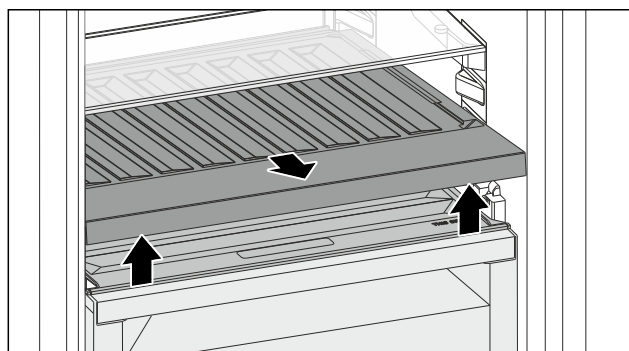


Fig. 102

- Lift the variable bottle rack at the front and pull it out.
- The compartment lid is visible.

#### Note

Liebherr recommends:

Do not place any items on the compartment lid below.



# Maintenance

## 9.3.2 Inserting the variable bottle rack

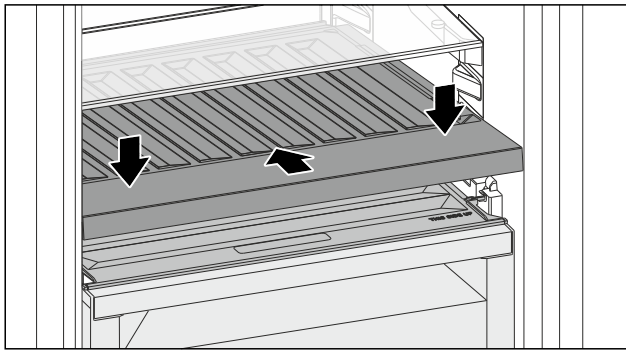


Fig. 103

- Push the variable bottle rack in to the end stop and press it down.
- The connectors at the back of the variable bottle rack are connected via automated processes.
- LED lights up.
- Insert the glass shelf. (see 8.1.2 Using the glass shelf)
- or-
- Use the variable bottle rack for bottles.

## 9.4 Compartment lid for Fruit & Vegetable Safe

You can remove the compartment lid for cleaning.

### 9.4.1 Removing the compartment lid

Ensure that the following requirements are met:

- ☐ The glass shelf directly above the variable bottle rack has been removed.
- ☐ The variable bottle rack has been removed.
- ☐ The drawer directly below the compartment lid has been removed. (see 8.2 Drawers)

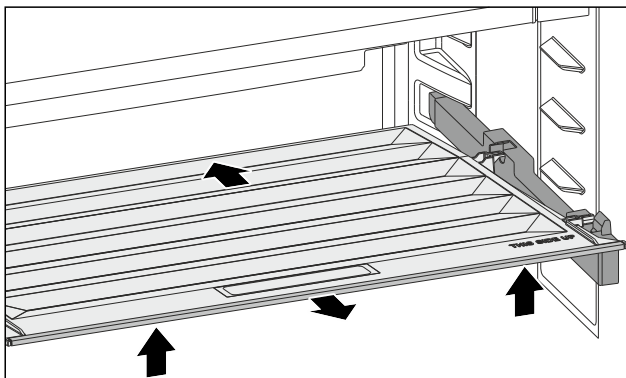


Fig. 104

- Push the compartment lid backwards.
- Lift the compartment lid forwards.
- Remove the compartment lid forwards and upwards at an angle.

## 9.4.2 Inserting the compartment lid

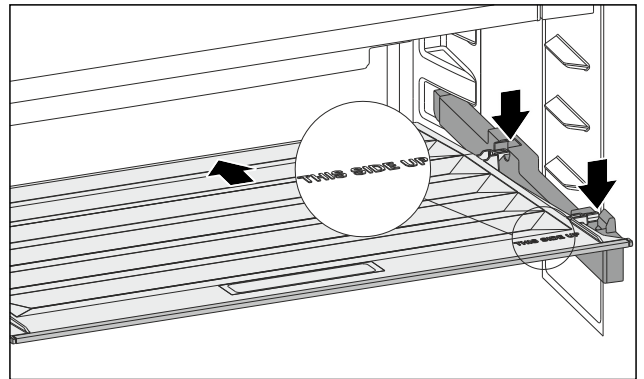


Fig. 105

If the THIS SIDE UP lettering is at the top:

- Insert the rear retaining parts into the relevant rear openings.
- Push the compartment lid backwards.
- Lower the compartment lid forwards and engage the front retaining parts into the openings.
- Move the compartment lid into the required position.

## 9.5 Defrosting the appliance



### WARNING

Improper defrosting of the appliance!  
Injuries and damage.

- Do not use mechanical equipment or other methods to speed up the defrosting process other than those recommended by the manufacturer.
- Do not use electrical heating or steam-cleaning appliances, naked flames or defroster sprays to defrost.
- Do not use sharp objects to remove ice.

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

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

## 9.6 Cleaning the appliance

### 9.6.1 Ready



### WARNING

Danger of electric shock!

- Remove the refrigerator connector or interrupt the power supply.



### WARNING

Risk of fire

- Do not damage the refrigeration circuit.

- Empty the appliance.
- Remove mains connector.

-or-

- Activate CleaningMode. (see CleaningMode)

### 9.6.2 Cleaning the interior

#### NOTICE

Improper cleaning!

Damage to the appliance.

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

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

### 9.6.3 Clean the components

#### NOTICE

Improper cleaning!

Damage to the appliance.

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

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

- Compartment lid for Fruit & Vegetable Safe
- Drawer
- Adjustable bottle shelf
- FlexSystem

**Clean with a damp cloth:**

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

**Wash in the dishwasher up to 60 °C:**

- Egg rack
- Butter dish
- ▶ To disassemble components: see the relevant section.
- ▶ Clean the components.

### 9.6.4 After cleaning

- ▶ Wipe the appliance and the components dry.
- ▶ Connect and switch on the appliance.  
The temperature is cold enough:
- ▶ Place the food inside.
- ▶ Repeat cleaning regularly.

## 10 Customer help

### 10.1 Technical specifications

| Temperature range |              |
|-------------------|--------------|
| Cooling           | 3 °C to 9 °C |
| BioFresh          | 0 °C to 3 °C |

| Maximum component capacity  |                                                                              |                                                                              |                                                                              |
|-----------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Features                    | Appliance width 550 mm (see installation instructions, appliance dimensions) | Appliance width 600 mm (see installation instructions, appliance dimensions) | Appliance width 700 mm (see installation instructions, appliance dimensions) |
| Glass drawer, height 59 mm  | 15 kg                                                                        | --                                                                           | --                                                                           |
| Glass drawer, height 100 mm | 15 kg                                                                        | --                                                                           | --                                                                           |
| Glass drawer, height 150 mm | 20 kg                                                                        | --                                                                           | --                                                                           |

| Lighting                                                                   |              |
|----------------------------------------------------------------------------|--------------|
| Class <sup>1</sup>                                                         | Light source |
| This product contains one or more energy efficiency class G light sources. | LED          |

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

For appliances with a WiFi connection:

| Frequency specification           |                                                              |
|-----------------------------------|--------------------------------------------------------------|
| Frequency band                    | 2.4 GHz                                                      |
| Maximum radiated power            | < 100 mW                                                     |
| Purpose of the wireless equipment | Integration in the local WiFi network for data communication |

### 10.2 Operating noises

The appliance makes different noises when it is on.

- At **higher temperatures** the appliance uses less energy but works for longer. It is **quieter**.
- At **lower temperatures** the food is cooled faster. It is **louder**.

Examples:

- Functions on (see 7.2 Appliance functions)
- Fan running
- Food recently added
- High ambient temperature
- Door open for a while

| Noise                  | Possible cause                                                      | Type of noise          |
|------------------------|---------------------------------------------------------------------|------------------------|
| Bubbling and splashing | Coolant flowing into the cooling circuit.                           | Normal operating noise |
| Hissing                | Coolant sprays into the cooling circuit.                            | Normal operating noise |
| Humming                | The appliance is cooling. The volume depends on the cooling output. | Normal operating noise |

| Noise                | Possible cause                                | Type of noise          |
|----------------------|-----------------------------------------------|------------------------|
| Suction noises       | Soft-closing door is being opened and closed. | Normal operating noise |
| Humming and rustling | The fan is running.                           | Normal operating noise |
| Clicking             | Components are switched on and off.           | Normal switching noise |
| Rattling humming or  | Valves or flaps are working.                  | Normal switching noise |

| Noise     | Possible cause        | Type of noise   | Lifting                                         |
|-----------|-----------------------|-----------------|-------------------------------------------------|
| Vibration | Improper installation | Defective noise | Check the installation.<br>Level the appliance. |

| Noise    | Possible cause                         | Type of noise   | Lifting                                                     |
|----------|----------------------------------------|-----------------|-------------------------------------------------------------|
| Rattling | Components, items inside the appliance | Defective noise | Secure components.<br>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                                                                                                                   |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>The appliance is not working.</b>                                          | → The appliance is not switched on.                                                     | ► Switch the appliance on.                                                                                               |
|                                                                               | → The power plug is not properly plugged into the socket.                               | ► Check the power plug.                                                                                                  |
|                                                                               | → There is something wrong with the power outlet fuse.                                  | ► Check the fuse.                                                                                                        |
|                                                                               | → Power cut                                                                             | ► Keep the appliance closed.                                                                                             |
|                                                                               | → The IEC socket is not plugged into the appliance correctly.                           | ► Check the IEC socket.                                                                                                  |
| <b>Temperature is not cold enough.</b>                                        | → 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:                                                                                                      |
|                                                                               | → The appliance was opened too many times or for too long.                              | ► Wait to see if the required temperature corrects itself. If not, contact Customer Service. (see 10.4 Customer Service) |
|                                                                               | → The temperature is set incorrectly.                                                   | ► Turn down the temperature and check after 24 hours.                                                                    |
|                                                                               | → The appliance is too close to a heat source (oven, radiator, etc).                    | ► Move the appliance or the heat source.                                                                                 |
|                                                                               | → The appliance was not correctly installed in the recess.                              | ► Check if the appliance was installed correctly and that the door closes properly.                                      |
| <b>The door seal is defective or needs to be replaced for another reason.</b> | → The door seal can be replaced. It can be replaced without the need for special tools. | ► Contact Customer Service. (see 10.4 Customer Service)                                                                  |
| <b>The appliance builds up too much ice or condensation.</b>                  | → The door seal may have slipped out of its groove.                                     | ► Check that the door seal is well fitted in the groove.                                                                 |

## 10.3.2 Features

| Defect                               | Cause                                                     | Remedy                                                                                       |
|--------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------|
| The internal light does not come on. | → The appliance is not switched on.                       | ► Switch the appliance on.                                                                   |
|                                      | → The door was open for longer than 15 minutes.           | ► Interior lighting switches off automatically after about 15 minutes when the door is open. |
|                                      | → The LED interior light is faulty or the lid is damaged. | ► Contact Customer Service. (see 10.4 Customer Service)                                      |

## 10.4 Customer Service

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

You can find the address in the enclosed brochure “Liebherr-Service” or at [home.liebherr.com/service](http://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.

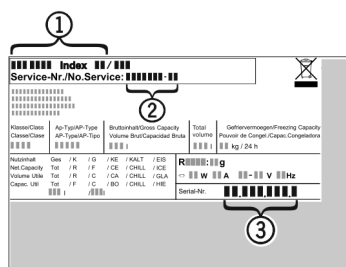


Fig. 106

(1) Appliance description (3) Serial no.

(2) Service no.

- Note the data on the model plate.

## 11 Shutting down

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

## 12 Disposal

Ensure that the following requirements are met:

- ☐ Meaning of the symbols on the appliance: are familiar. (see 1.14 Symbols on the appliance)
- ☐ Notes on disposal are familiar. (see 1.8 Disposal)

### 12.1 Preparing the appliance for disposal

- Shutting your appliance down. (see 11 Shutting down)

### 12.2 Disposing of the appliance in an environmentally friendly manner



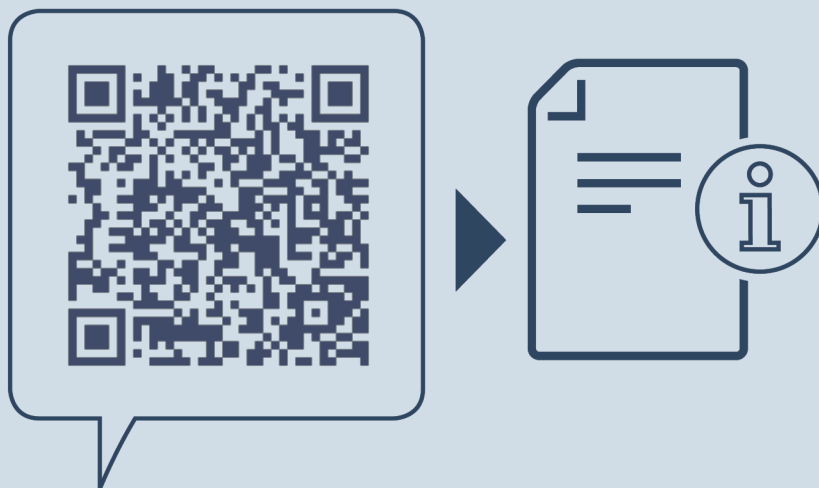
### WARNING

Leaking coolant and oil!

Fire. The coolant contained in the appliance is eco-friendly, but also flammable. The oil contained in the appliance is flammable. Escaping coolant and oil can ignite if the concentration is high enough and in contact with an external heat source.

- Do not damage the pipelines of the coolant circuit and the compressor.

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



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**EN** integrated fridge with BioFresh

Issue date: 20260107

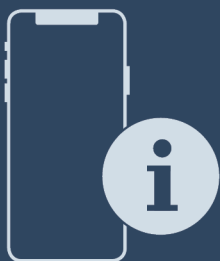
**Part number index: 7088425-00**

Liebherr-Hausgeräte GmbH  
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Deutschland



## User Guide

Quality, Design and Innovation



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# LIEBHERR

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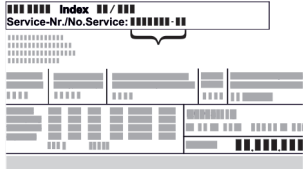
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The manufacturer is continually working on the further development of all types and models. Please be aware that we reserve the right to make changes to the shape, equipment and technology.

| Symbol                                                                              | Explanation                                                                                                                                      |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Read instructions</b><br>Please read the information in these instructions carefully to understand all of the benefits of your new appliance. |



| Symbol                                                                             | Explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <b>Additional information on the Internet</b><br>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 <a href="http://home.liebherr.com/fridge-manuals">home.liebherr.com/fridge-manuals</a> .<br>The service number can be found on the serial tag: <div data-bbox="285 445 588 613" data-label="Image">  </div> |
|    | <b>Check appliance</b><br>Check all parts for transport damage. If you have any complaints, please contact your agent or customer service.                                                                                                                                                                                                                                                                                                                                                                       |
|    | <b>Differences</b><br>These instructions apply to a range of models, so differences are possible. Sections that apply to certain models only are marked with an asterisk (*).                                                                                                                                                                                                                                                                                                                                    |
|   | <b>Instructions and results</b><br>Instructions are marked with a ►.<br>Results are marked with a ▷.                                                                                                                                                                                                                                                                                                                                                                                                             |
|  | <b>Videos</b><br>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](http://home.liebherr.com/open-source-licences)

These operating instructions apply to:

|          |      |
|----------|------|
| SIFN..i  | 5188 |
| SIFNbsdi | 5188 |

## Note

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

# 1 Safety information and warnings

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 agricultural environments and by guests in hotels, motels and other accommodation
- in bed and breakfasts
- in catering and similar wholesale operations
- Further uses:
  - All other types of application are impermissible.

## 1.2 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                |
| SN-T          | 10 °C to 43 °C                |

## 1.3 User group

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children must not play with the appliance.
- Children must not carry out cleaning and user maintenance without supervision.
- Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.

## 1.4 Installation and commissioning

- Only install and connect the appliance in accordance with the instructions in the user information.
- Install the appliance according to the instructions in the user information to prevent the appliance from tipping over.
- Do not close the ventilation openings in the appliance housing or in the installation housing.
- Do not damage the mains cable. The appliance must not be operated with a defective mains cable.
- Do not place portable multiple sockets or power supply units at the rear of the appliance.
- It must be easy to access the socket so that the appliance can be quickly disconnected from the power supply in case of an emergency. It must not be behind the appliance.

Appliances with anti-tip protection:

- Secure the appliance with an anti-tip device in accordance with the instructions in the user information to prevent the appliance from tipping over.

# Safety information and warnings

Appliances with fixed water connection:

- Only connect the fixed water connection to the drinking water supply to avoid poisoning from contaminated water.
- Only connect the appliance to the drinking water supply using the new hose set supplied with the appliance. Do not reuse old hose sets, dispose of them instead.

## 1.5 Safe handling of the appliance

- Do not store any explosive substances, such as aerosol containers with flammable propellant gas, in the appliance. These types of aerosol can be identified by the list of contents printed on it, or by a flame symbol. Any leaking gas may ignite due to electrical parts.
- Keep burning candles, lamps and other objects with naked flames away from the appliance, so that these do not set fire to the appliance.
- Alcoholic beverages and other containers bearing alcohol must be sealed tight for storage. Any leaking alcohol may ignite due to electrical parts.
- Avoid prolonged skin contact with cold surfaces or with cold/frozen food. Use gloves for protection, for example.
- The refrigerant contained (information on the type plate) is environmentally friendly but flammable. Leaking refrigerant may ignite.
  - Do not damage the refrigeration circuit.
  - Do not use any ignition sources inside the appliance.
  - Do not use electrical appliances inside the appliance (e.g. steam cleaners, heaters).
  - If the refrigerant leaks: remove any naked flames or ignition sources from the vicinity of the leakage point. Properly air the room. Inform customer service.
- Only open the door for a short time. This prevents the temperature inside the appliance from rising.
- Do not reach between the door and the appliance when opening and closing. Fingers may become trapped.
- The temperature in the warmest part of the appliance may be higher than the set temperature.

## 1.6 Cleaning

- Regularly clean surfaces that come into contact with food.
- Do not use an electric heater or steam cleaner, naked flames or defrost spray to speed up the defrosting process.
- Do not remove the ice with sharp objects.

## 1.7 Faults, damage and repairs

- If the mains connection cable of the appliance is damaged, replace the mains connection cable.
- 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.

## 1.8 Disposal

- The appliance contains valuable materials and is marked with the appropriate symbol. (see 1.14 Symbols on the appliance)
  - Do not dispose of the appliance in the household waste.
  - Dispose of the appliance free of charge at your local recycling centre using the Class 1 collection containers.

- When purchasing a new appliance, return the old appliance to the retailer free of charge.
- Provide information about return options.
- Your appliance may contain personal data.
  - Delete personal data before disposal.
- The appliance contains refrigerant (information on the type plate) 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 refrigeration circuit.
  - Only dispose of the appliance in accordance with the instructions in the user information.

## 1.9 Conformity

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

For the EU market: The appliance complies with Directive 2014/53/EU.

For GB market: The appliance complies with the Radio Equipment Regulations 2017 SI 2017 No. 1206.

The full text of the EU Declaration of Conformity is available at the following web address: [www.liebherr.com](http://www.liebherr.com)

## 1.10 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:  
[home.liebherr.com/en/en/liebherr-experience/sustainability/environment/scip/scip.html](http://home.liebherr.com/en/en/liebherr-experience/sustainability/environment/scip/scip.html)

## 1.11 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.

## 1.12 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](http://home.liebherr.com/open-source-licences)

## 1.13 Spare parts

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

## 1.14 Symbols on the appliance

|  |                                                                                                                                                                                                                                                                                                                 |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | This 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. Do not remove this symbol. |
|  | Warning: Fire hazard due to flammable substances. This symbol is located on the compressor and can also be found in other places on the appliance. This symbol warns of flammable substances. Do not remove this symbol.                                                                                        |
|  | This or a similar symbol 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 this symbol.                                                           |
|  | This symbol is located on the type plate. It indicates that the appliance contains valuable materials and that you must not dispose of it with household waste. (see 1.8 Disposal)                                                                                                                              |

## 1.15 Warning levels

|                  |                |                                                                                                                            |
|------------------|----------------|----------------------------------------------------------------------------------------------------------------------------|
|                  | <b>DANGER</b>  | Identifies an immediately dangerous situation that will result in death or serious bodily injuries if it is not prevented. |
|                  | <b>WARNING</b> | Identifies a dangerous situation that could result in death or serious bodily injury if it is not prevented.               |
|                  | <b>CAUTION</b> | Identifies an immediately dangerous situation that could result in slight or moderate injuries if it is not prevented.     |
| <b>ATTENTION</b> |                | Identifies a hazardous situation that could result in property damage if it is not prevented.                              |
| <b>Note</b>      |                | 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. (see 10.4 Customer Service)

Your new appliance comes with the following parts:

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

## 2.2 Overview of appliances and equipment

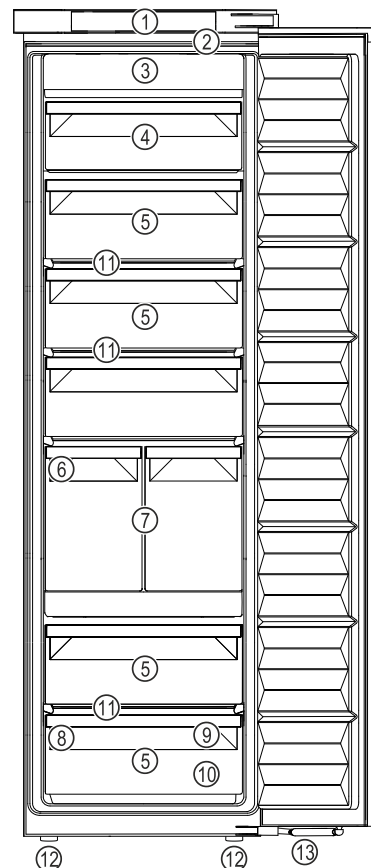


Fig. 1 Example illustration

- |                    |                                            |
|--------------------|--------------------------------------------|
| (1) Controls       | (8) Type plate                             |
| (2) Lighting       | (9) Freezer tray, cold storage accumulator |
| (3) NoFrost        | (10) Ice cube scoop                        |
| (4) Tilting drawer | (11) VarioSpace                            |
| (5) Drawer         | (12) Adjusting feet                        |
| (6) IceMaker       | (13) Soft-closing mechanism                |
| (7) IceTower       |                                            |

### 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.

### 2.3 SmartDevice

SmartDevice is the networking solution for your freezer.

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

SmartDevice-enabled appliance: Your appliance is capable of being a SmartDevice. To be able to connect your device to WiFi, you need to download the SmartDevice app.

More information about SmartDevice: [smartdevice.liebherr.com](https://smartdevice.liebherr.com)

# Functionality of the Touch & Swipe display

Downloading the SmartDevice app:



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

## Note

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

## 3 Functionality of the Touch & Swipe display

You operate your appliance using the Touch & Swipe display. You select appliance functions in the Touch & Swipe display (hereafter referred to as display) by tapping them. If you do not perform any action on the display for 10 seconds, the display either jumps back to the higher-level menu or directly to the status display.

### 3.1 Navigation and symbol explanation

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

| Symbol | Description                                                                                                                       |
|--------|-----------------------------------------------------------------------------------------------------------------------------------|
|        | <b>Briefly touch the display:</b><br>Activates/deactivates function.<br>Confirms selection.<br>Opens submenu.                     |
|        | <b>Touch the display for a specified time (e.g. 3 seconds):</b><br>Activates/deactivates function or value.                       |
|        | <b>Swipe left or right:</b><br>Navigate in the menu.                                                                              |
|        | <b>Briefly touch the Back symbol:</b><br>Jumps back one menu level.                                                               |
|        | <b>Press and hold the Back symbol for 3 seconds:</b><br>Jumps back to the status display.                                         |
|        | <b>Arrow with clock:</b><br>It takes more than 10 seconds for the following message to appear in the display.                     |
|        | <b>Arrow with a time indication:</b><br>It takes the specified amount of time until the following message appears in the display. |

| Symbol                            | Description                                                                                                                                                                                                         |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                   | <b>"Open Settings menu" symbol:</b><br>Navigates to the Settings menu and opens the settings menu.<br>If necessary: Navigate to the desired function in the Settings menu.<br>(see 3.2.1 Opening the Settings menu) |
|                                   | <b>"Open Advanced menu" symbol:</b><br>Navigates to the Advanced menu and opens the advanced menu.<br>If necessary: Navigate to the desired function in the Advanced menu.<br>(see 3.2.2 Opening the expanded menu) |
| No action for 10 seconds          | If you do not perform any action on the display for 10 seconds, the display either jumps back to the higher-level menu or directly to the status display.                                                           |
| Close the door and open it again. | If you close the door and immediately open it again, the display jumps directly back to the status display.                                                                                                         |

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

### 3.2 Menus

The appliance functions are distributed over various menus:

| Menu              | Description                                                                                                                                                                                       |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main menu         | When you switch the appliance on, you are automatically in the main menu.<br>From here you can navigate to the most important appliance functions, to the Settings menu and to the Advanced menu. |
| <br>Settings menu | The Settings menu contains additional appliance functions for setting up your appliance.                                                                                                          |
| Advanced menu     | The advanced menu contains special appliance functions for setting up your appliance. Access to the Advanced menu is protected by the numerical code <b>1 5 1</b> .                               |

#### 3.2.1 Opening the Settings menu

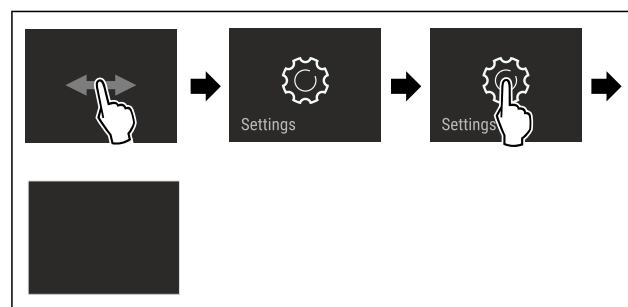


Fig. 2 Example illustration

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

## 3.2.2 Opening the expanded menu



Fig. 3

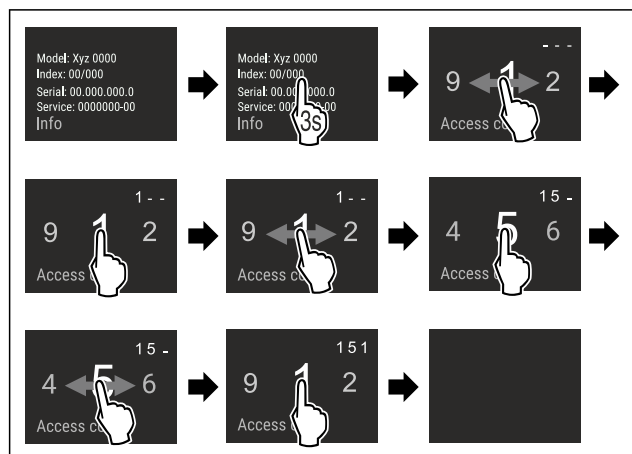


Fig. 4 Example illustration, access with numerical code **151**

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

## 3.3 Sleep mode

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

### 3.3.1 Ending sleep mode

- ▶ Touch the display briefly with your finger.
- ▶ Sleep mode is ended.

## 4 Putting into operation

### 4.1 Switching on appliance (first use)

Make sure that the following requirements are fulfilled:

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

**Switch on the appliance using the Touch & Swipe display:**

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

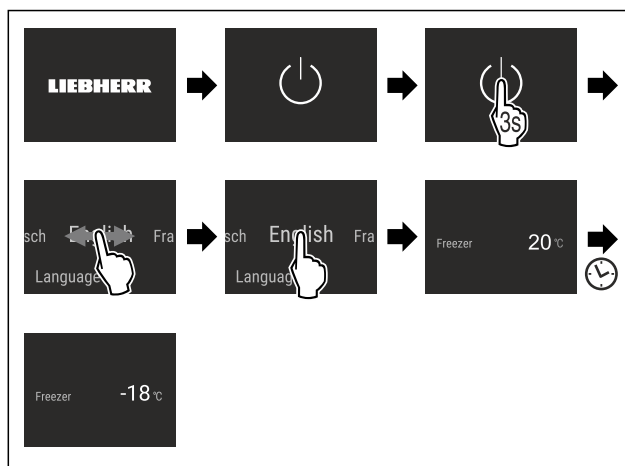


Fig. 5 Example illustration

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

#### More information:

- Start the IceMaker for the first time. (see 4.2 Starting the IceMaker for the first time)
- Start the SmartDevice for the first time. (see 2.3 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](http://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 installed and connected.
- ▶ Clean the IceMaker. (see 9.3.4 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.



# Storage

## Note

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

► Always keep air slots clear.

Observe the following specifications for storage:

- Package 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. A 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)

► 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.<br>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.<br>As soon as the appliance automatically deactivates SuperFrost, you can rearrange the food. |

## 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.<br>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.<br>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.<br>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 a fridge
  - In the microwave
  - In the oven/fan-assisted oven
  - At room temperature
- Take out only as much food as necessary.

### 5.2.3 Freezer tray

You can freeze berries, herbs, vegetables and other small frozen food in the freezer tray without it all freezing together. The frozen food is less likely to get squashed and subsequent portioning is easier.

In addition, you can store the cold storage accumulators in the freezer tray to save space.

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

## 5.3 Storage times

Refer to the specified storage times as a guide.

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

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

## 6 Saving energy

- Pay attention to good ventilation. Do not cover ventilation holes or grids.
- Always keep the fan air slits clear.
- Do not install the appliance in direct sunlight 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. 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

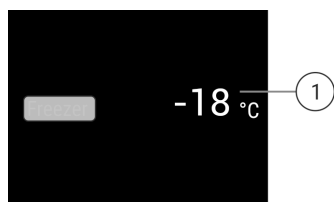


Fig. 6 The status display shows the actual temperature.

##### (1) Temperature display

The status display shows the actual temperature and is the initial display. Navigation to the functions takes place from there.

#### 7.1.2 Display symbols

Display symbols provide information on the current appliance status:

| Symbol | Appliance status                                                     |
|--------|----------------------------------------------------------------------|
|        | <b>Standby</b><br>The appliance or temperature zone is switched off. |

| Symbol | Appliance status                                                                                          |
|--------|-----------------------------------------------------------------------------------------------------------|
|        | <b>Flashing number</b><br>Appliance is working. Temperature flashes until the set temperature is reached. |
|        | <b>Flashing symbol</b><br>Appliance is working. Setting is made.                                          |
|        |                                                                                                           |

## 7.2 Appliance functions

### 7.2.1 Notes on the appliance functions

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

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

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



### Switching the appliance off and on

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

#### Switching off the appliance

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

Make sure that the following requirements are fulfilled:

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



Fig. 7

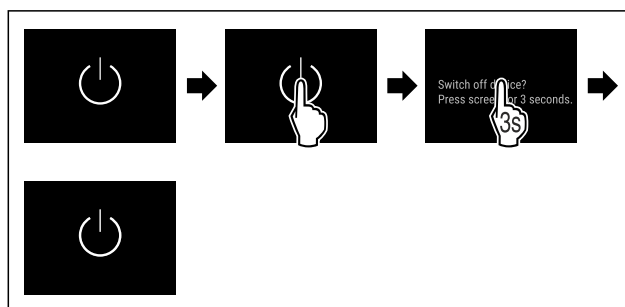


Fig. 8

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

#### Switching on the appliance

- If the display is in sleep mode:
- Briefly touch the display.



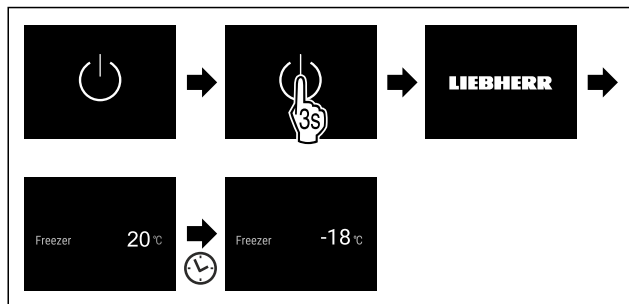


Fig. 9 Example illustration

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



## WiFi

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

More information on the SmartDevice: (see 2.3 SmartDevice)

### Note

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

### Establishing the WiFi connection for the first time

Make sure that the following requirements are fulfilled:

- ❑ You have installed the SmartDevice app (see [apps.home.liebherr.com](https://apps.home.liebherr.com)).
- ❑ Registration in the SmartDevice app is completed.



Fig. 10

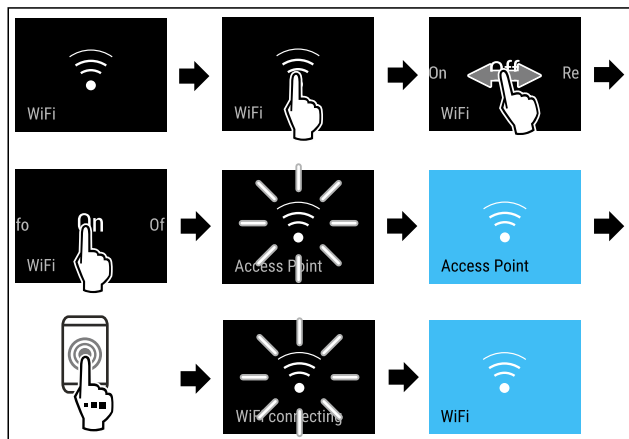


Fig. 11

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

### Disconnecting from the WiFi

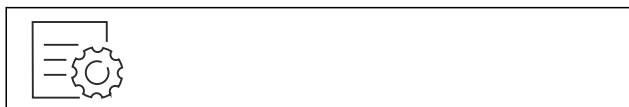


Fig. 12

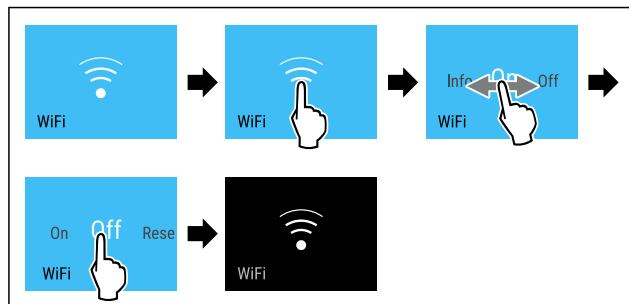


Fig. 13

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

### Resetting the WiFi connection



Fig. 14

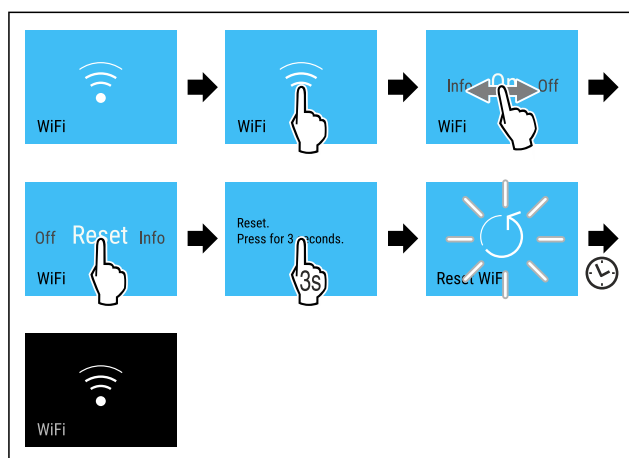


Fig. 15

- 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

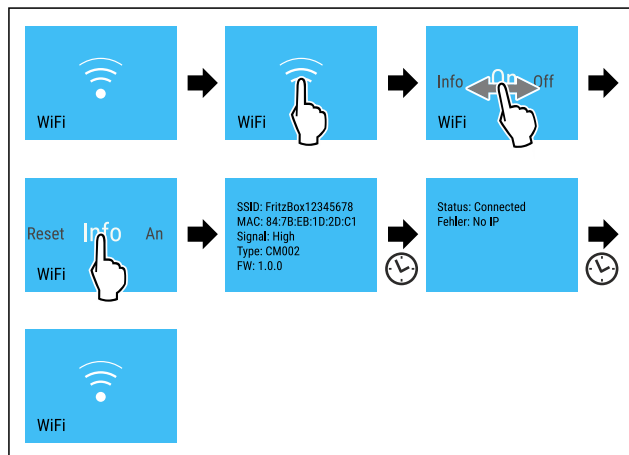


Fig. 17

- Carry out action steps according to the illustration.

## **-18°C** 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

| Freezer compartment | Factory-set temperature | Recommended setting |
|---------------------|-------------------------|---------------------|
| <b>-18°C</b>        | -18 °C                  | -18 °C              |

### Setting the temperature

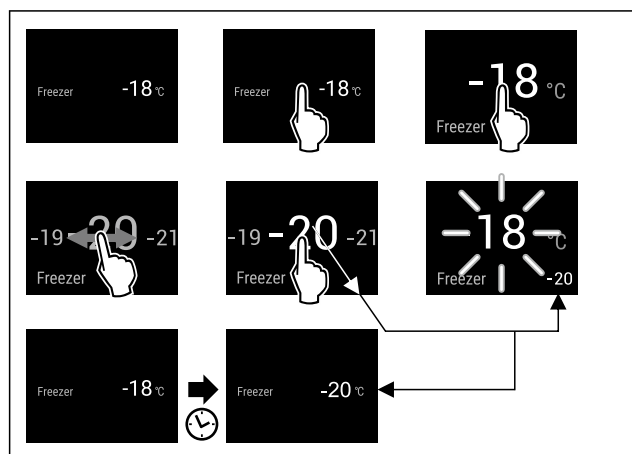


Fig. 18 Example illustration

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

## **°C/°F** 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

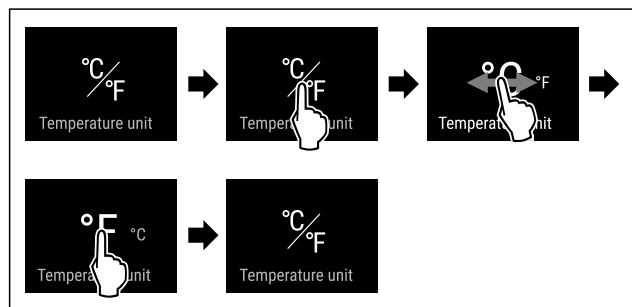


Fig. 21 Example illustration: Switch from degrees Celsius to degrees Fahrenheit.

- 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.

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

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)

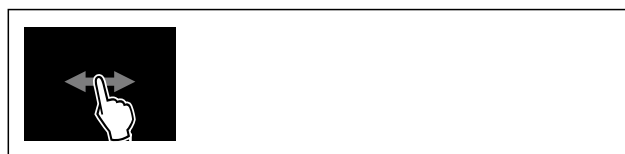


Fig. 22



Fig. 23

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

### 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:

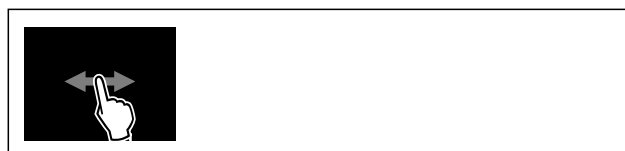


Fig. 24

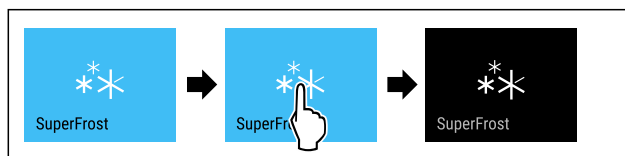


Fig. 25

- Carry out action steps according to the illustration.
- or-
- Deactivate with the SmartDevice app.
- SuperFrost is deactivated.
- The appliance continues to run in normal mode.
- 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. 26

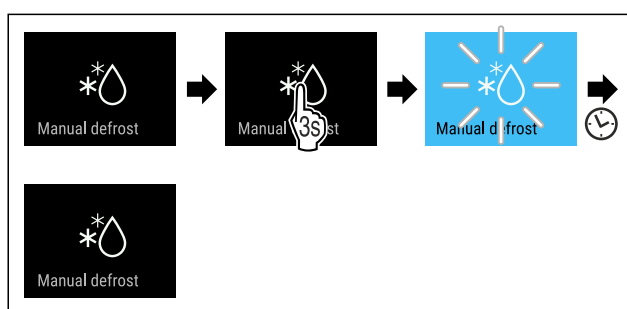


Fig. 27

- 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:

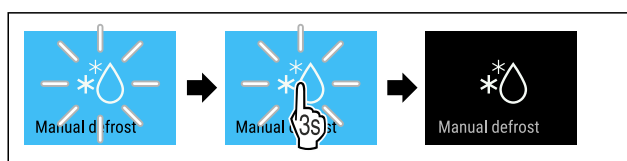


Fig. 28

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



## PartyMode

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

PartyMode activates the following functions:

- SuperFrost (see SuperFrost)
- IceMaker with MaxIce (see IceMaker / MaxIce )

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

Make sure that the following requirements are fulfilled:

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

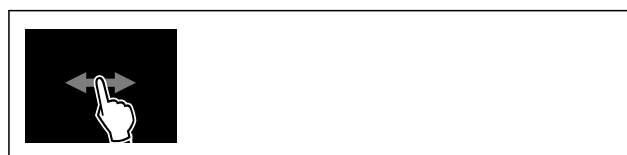


Fig. 29



Fig. 30

- Carry out action steps according to the illustration.
- PartyMode and the associated functions are activated.
- The temperature display turns blue.
- 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. 31



Fig. 32

- 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 <b>Deactivate SabbathMode function</b> . |
| Active functions remain active.                                                                 |
| The display remains bright when you close the door.                                             |
| The interior lighting is deactivated.                                                           |

## Device status when SabbathMode is active

|                                                                                                           |
|-----------------------------------------------------------------------------------------------------------|
| 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.                                              |

## Device status

## Note

This appliance has certification from the "Institute for Science and Halacha". ([www.machonhalacha.co.il](http://www.machonhalacha.co.il))

You can find a list of STAR-K-certified appliances at [www.star-k.org/appliances](http://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.

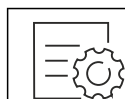


Fig. 33



Fig. 34

- ▶ 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:

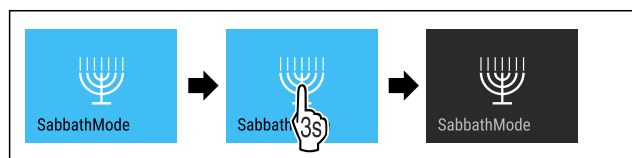


Fig. 35

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

**EnergySaver**

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

| Temperature zone | Recommended setting (see Setting the temperature) | Temperature with active EnergySaver |
|------------------|---------------------------------------------------|-------------------------------------|
| -18 °C           | -18 °C                                            | -16 °C                              |

## Temperatures

## Activating EnergySaver



Fig. 36

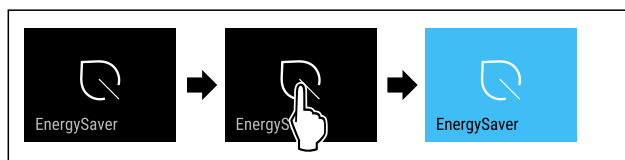


Fig. 37

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

## Deactivating EnergySaver



Fig. 38

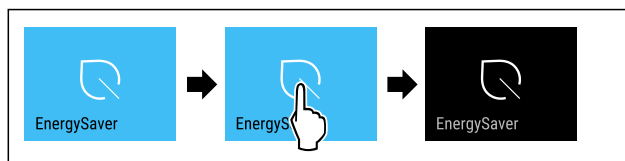


Fig. 39

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

**IceMaker / MaxIce**

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: (see Deactivating MaxIce)

|                                                   |                                     |
|---------------------------------------------------|-------------------------------------|
| More information on the number of ice cubes:      | (see 10.1 Technical specifications) |
| Further information on the IceMaker water supply: | (see IceMaker water supply)         |

# Controls

More information on cleaning (see TubeClean) the lines of the IceMaker:

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 IceMaker

Make sure that the following requirements are fulfilled:

- ❑ The water supply is established at the fixed water connection. See installation instructions.
- ❑ IceMaker is put into operation. (see 8.4 IceMaker)



Fig. 40

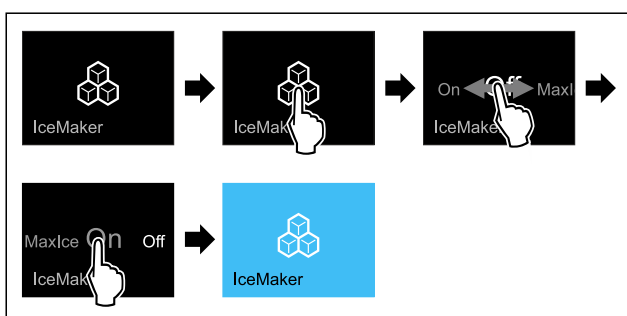


Fig. 41

- Carry out action steps according to the illustration.

-or-

- Activate with the SmartDevice app.

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

## Activating the IceMaker with MaxIce

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

- ❑ The water supply is established at the fixed water connection. See installation instructions.
- ❑ IceMaker is put into operation. (see 8.4 IceMaker)

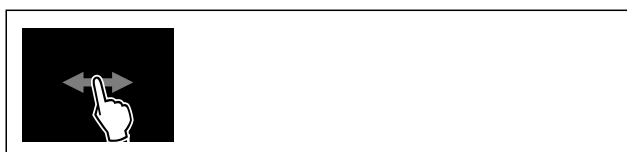


Fig. 42

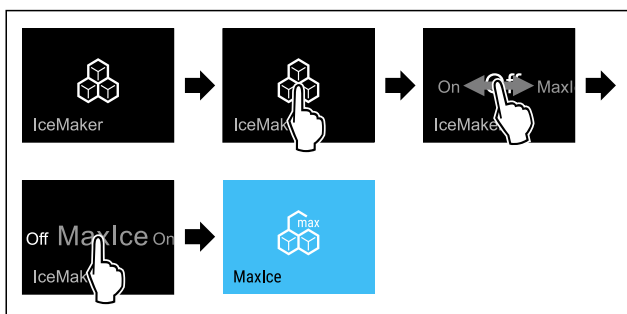


Fig. 43

- Carry out action steps according to the illustration.

-or-

- Activate with the SmartDevice app.

- The IceMaker is activated with MaxIce.

## Changing between the IceMaker and MaxIce

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



Fig. 44

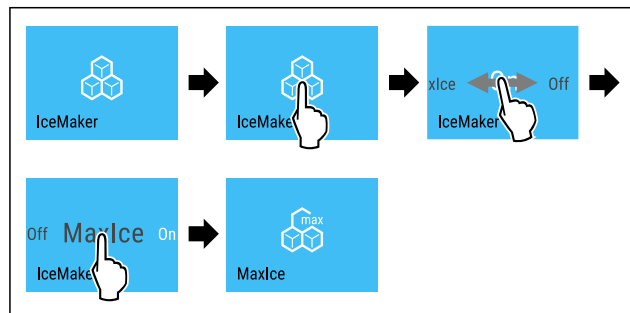


Fig. 45

- Carry out action steps according to the illustration.

- The IceMaker is activated with MaxIce.

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



Fig. 46

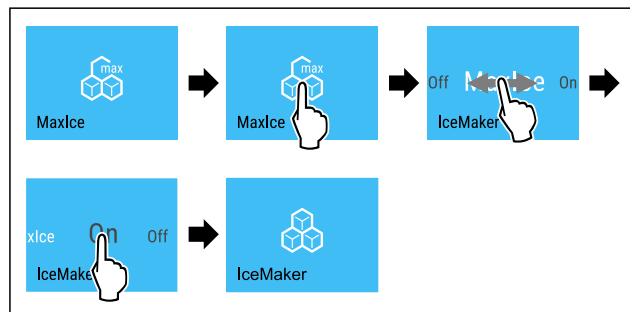


Fig. 47

- Carry out action steps according to the illustration.

- IceMaker is activated.

- MaxIce is deactivated.

## Deactivating the IceMaker and MaxIce



Fig. 48

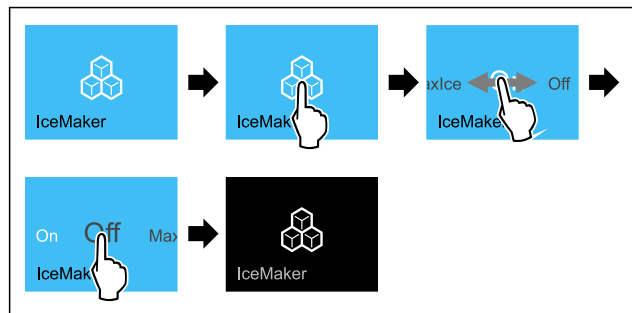


Fig. 49 Example illustration of the active IceMaker function

- ▶ Carry out action steps according to the illustration.
- or-
- ▶ Deactivate with the SmartDevice app.
- ▶ IceMaker and MaxIce are deactivated.
- ▶ If ice cubes are currently being made, the system completes the process.
- ▶ The IceMaker goes off automatically.

## Deactivating MaxIce

- ▶ Activate the IceMaker. (see Activating IceMaker )
- ▶ MaxIce is deactivated.
- ▶ IceMaker is activated.
- ▶ To deactivate the IceMaker and MaxIce: (see Deactivating the IceMaker and MaxIce)

5

## 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 water supply

Make sure that the following requirements are fulfilled:

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



Fig. 50

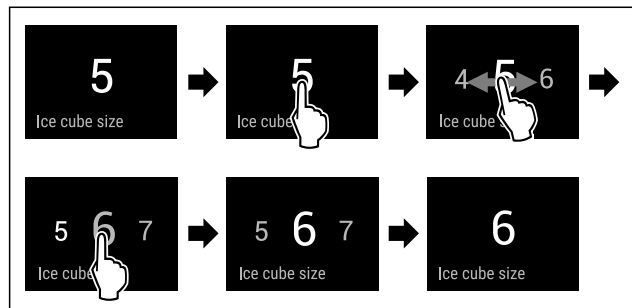


Fig. 51 Example illustration: Switch from value 5 to value 6.

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



## TubeClean

You can use this function to activate or deactivate TubeClean. If TubeClean is activated, it cleans the IceMaker lines.

## Activating TubeClean

Make sure that the following requirements are fulfilled:

- ❑ IceMaker cleaning is prepared. (see 9.3.4 Cleaning the IceMaker)
- ❑ Empty container with a capacity of 1.5 l and with a maximum height of 10 cm is ready.
- ▶ Place the container in the drawer under the IceMaker.



Fig. 52

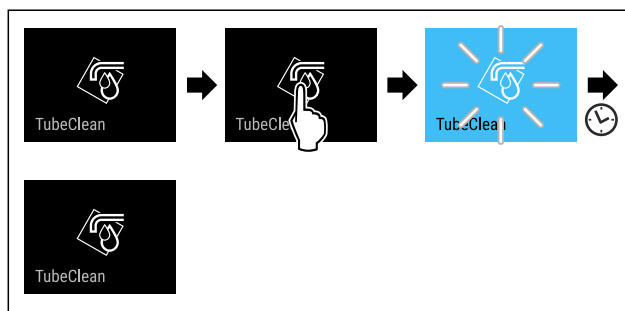


Fig. 53

- ▶ Carry out action steps according to the illustration.
- ▶ TubeClean is activated.
- ▶ The cleaning process has started: Icon flashes until the cleaning process is automatically completed after 60 minutes.
- ▶ When the cleaning process is complete: The device continues to run in normal mode.

## Deactivating TubeClean

TubeClean is automatically ended after 60 minutes. However, TubeClean can also be deactivated at any time during the cleaning process:

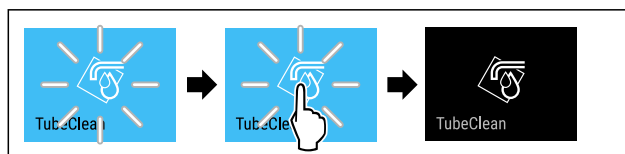


Fig. 54

- ▶ Carry out action steps according to the illustration.
- ▶ TubeClean is deactivated: Cleaning process is aborted.
- ▶ The device continues to run in normal mode.



## Display brightness

Use this function to set the display brightness in stages.

You can select the following brightness levels:

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

## Setting the brightness



Fig. 55

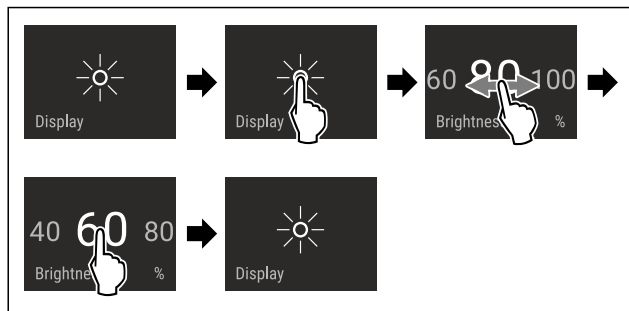


Fig. 56 Example illustration: Switch from 80 % to 60 %.

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



## Door alarm

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

The following values can be set:

- 1 minute
- 2 minutes
- 3 minutes
- Off

### Setting the door alarm

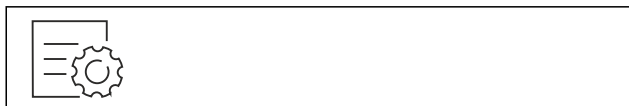


Fig. 57

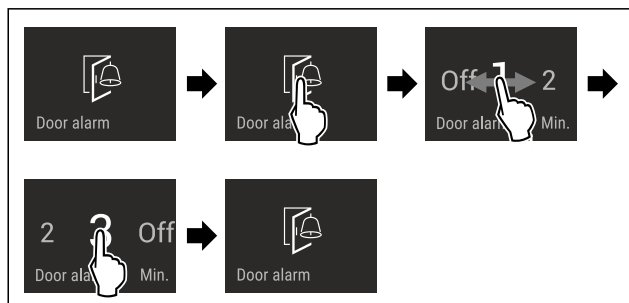


Fig. 58 Example illustration: Change door alarm from 1 minute to 3 minutes.

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

### Deactivating the door alarm



Fig. 60

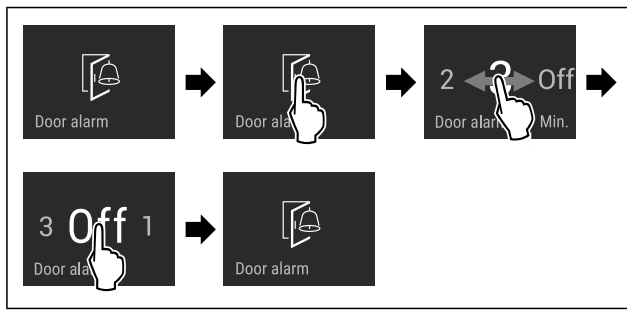


Fig. 61

- 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. 62

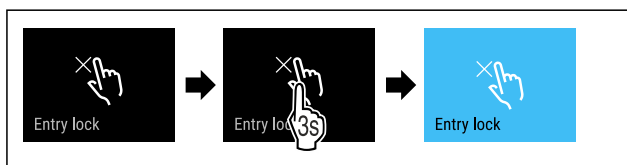


Fig. 63

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

### Deactivating the input lock



Fig. 64

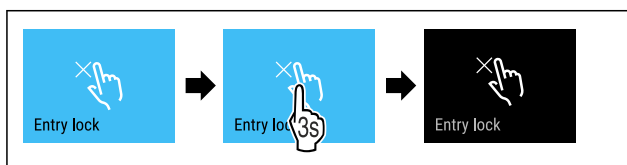


Fig. 65

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



## Language

Use this function to set the display language.



You can select the following languages:

- Deutsch
- English
- Français
- Español
- Italiano
- Nederlands
- Čeština
- Polski
- Português
- Bulgarian
- Русский
- 温度单位

## Setting the language

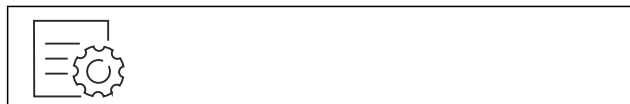


Fig. 66

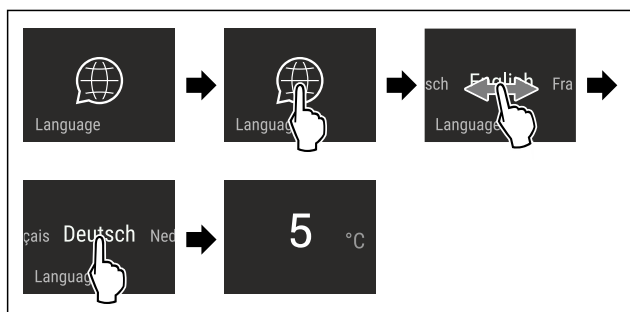


Fig. 67 Example illustration depending on the language and temperature

- ▶ Carry out action steps according to the illustration.
- ▶ The language is set.
- ▶ The display returns to the status display.



## Device information

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

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

## Indicating the device information



Fig. 68



Fig. 69

- ▶ 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. 70



Fig. 71

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



## Reminder

Use this function to activate or deactivate the reminders. The function is activated on delivery.

## Activating the reminder



Fig. 72



Fig. 73

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

## Deactivating the reminder



Fig. 74

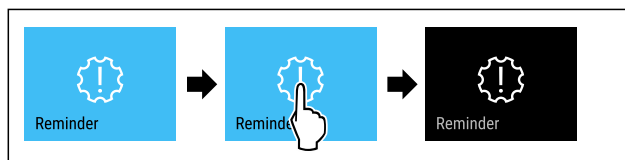


Fig. 75

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



## 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.

# Controls

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. 76

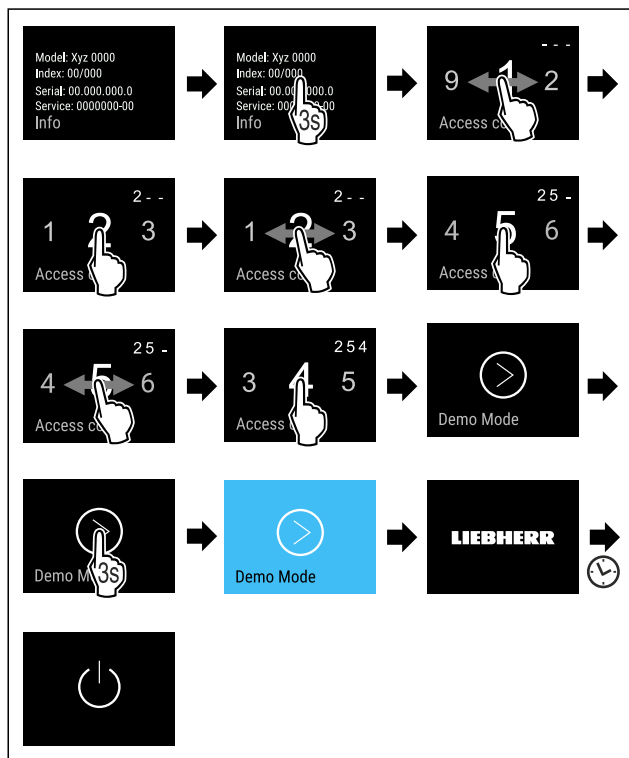


Fig. 77

- 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. 78

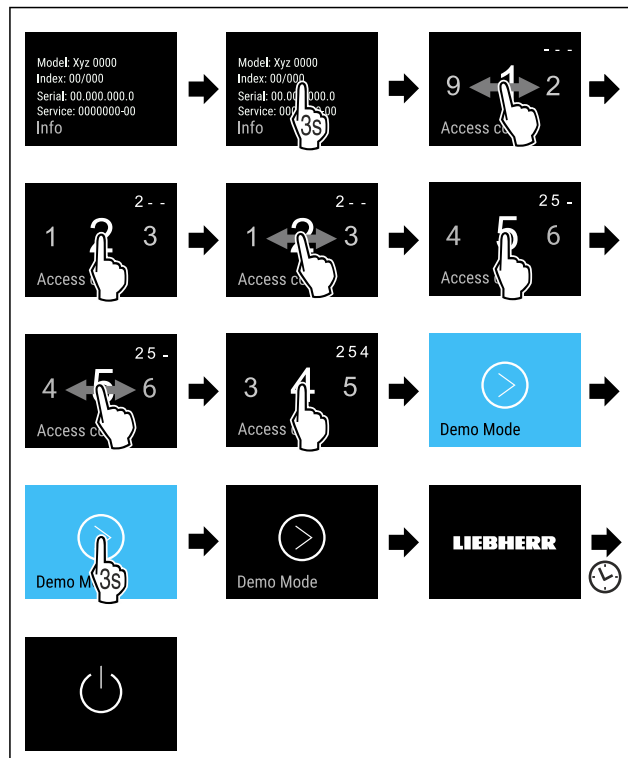


Fig. 79

- 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. 80

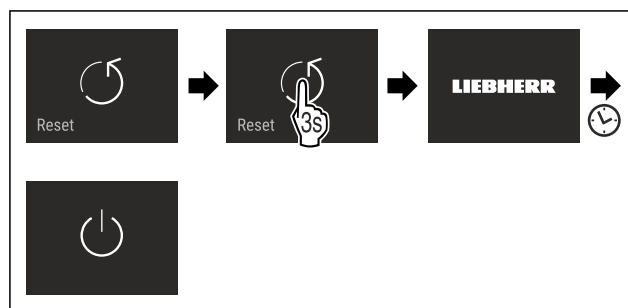


Fig. 81

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

## 7.3 Messages

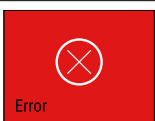
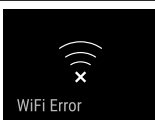
There are two categories of messages:

| Category | Importance                                                                                                                                                                                                         |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Warning  | Warnings appear in the event of a door alarm or malfunction.<br>Simple warnings can be cancelled by yourself. In the event of serious malfunctions, you must contact customer service. (see 10.4 Customer Service) |
| Reminder | Reminders remind you of general processes. You can carry out these operations to end the message.                                                                                                                  |

### 7.3.1 Overview of warnings

Behaviour of the appliance in the event of warnings:

- Warning appears in red on the display.
- The alarm tone sounds at an ever-increasing volume.
- The interior lighting pulsates for some warnings.

| Message                                                                                                         | Cause                                                                                                                                                                                 | Exit the message                                |
|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| <br><b>Door alarm</b>           | The message appears if the door is open for too long.                                                                                                                                 | Carry out action steps. (see Door alarm)        |
| <br><b>Power outage alarm</b> | The message appears if the freezing temperature has risen due to a power failure.                                                                                                     |                                                 |
| <br><b>Temperature alarm</b>  | The message appears if the freezing temperature does not correspond to the set temperature.                                                                                           | Carry out action steps. (see Temperature alarm) |
| <br><b>Error</b>              | The message appears if there is an appliance error. A component of the appliance has a fault.                                                                                         | Carry out action steps. (see Error)             |
| <br><b>WLAN error</b>         | The message appears if the appliance could not be connected to the WLAN. (see Establishing the WiFi connection for the first time) The message only appears during the initial setup. | Carry out action steps. (see WLAN error)        |

### 7.3.2 Ending warnings

#### Door alarm

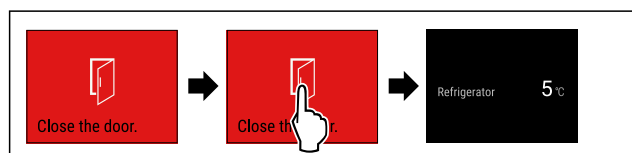


Fig. 82 Example illustration

- Carry out action steps according to the illustration.

-or-

- Close the door.

- The display returns to the status indicator.
- The appliance cools more vigorously, which means that the temperature shown on the display may be higher than the actual temperature inside the appliance.\*
- Appliance noises can be louder.\*

You can set how long the door may be open before the door alarm sounds. (see Setting the door alarm)

#### Power outage alarm

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 message to disappear from the display, you must confirm it.

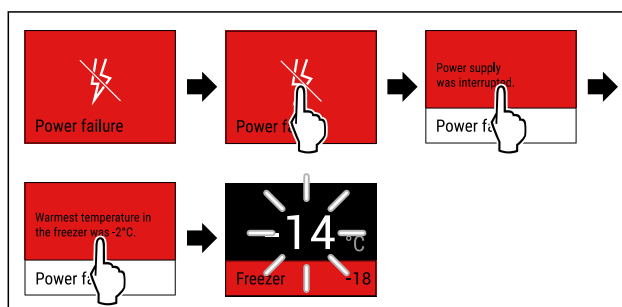


Fig. 83 Example illustration

- Briefly touch the display.
- Display shows information about the warning.
- Briefly touch the display.
- 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.
- Briefly touch the display.
- The display returns to the status indicator: Current temperature and target temperature are displayed.

#### Temperature alarm

Temperature differences can be caused by:

- You have put in warm, fresh food.
- Too much warm air has got in while you were sorting out the freezer or removing items.
- There has been a longer power failure.
- The appliance is faulty.

- Eliminate causes.
- The appliance cools to the target temperature set previously.

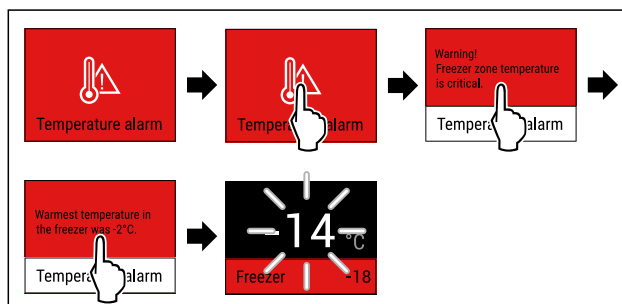


Fig. 84 Example illustration

- Briefly touch the display.
- Display shows information about the warning.
- Briefly touch the display.
- Warmest freezing temperature is displayed.

# Features

- ▶ 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.
- ▶ Briefly touch the display.
- ▶ The display returns to the status indicator: Current temperature and target temperature are displayed.

## Error

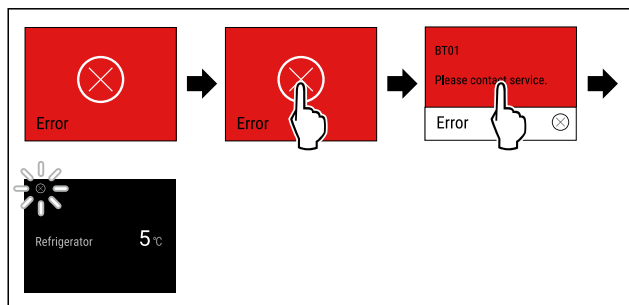


Fig. 85 Example illustration

- ▶ Briefly touch the display.
- ▶ Error code is displayed.
- ▶ Note the error code.
- ▶ Briefly touch the display.
- ▶ The display returns to the status indicator.
- ▶ Contact Customer Service. (see 10.4 Customer Service)

## WLAN error

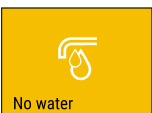
- ▶ Check WLAN connection.
- ▶ Reconnect the appliance to the WLAN. (see WiFi)

## 7.3.3 Overview of reminders

Behaviour of the appliance during reminders:

- Reminder appears yellow on the display.
- Alarm tone sounds.
- The interior lighting pulsates for some reminders.

The following reminders can be deactivated (see Deactivating the reminder) :

| Message                                                                                                                                      | Cause                                                                                                                              | Exit the message                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <br><b>No water</b><br><b>Check the water connection</b>  | The message appears if the IceMaker is activated but the IceMaker is not being supplied with water via the fixed water connection. | Carry out action steps. (see Check the water connection) |
| <br><b>No Drawer</b><br><b>Insert the IceMaker drawer</b> | The message appears if the IceMaker is activated but the IceMaker drawer is open.                                                  | Carry out action steps. (see Insert the IceMaker drawer) |

## 7.3.4 Ending reminders

### Check the water connection

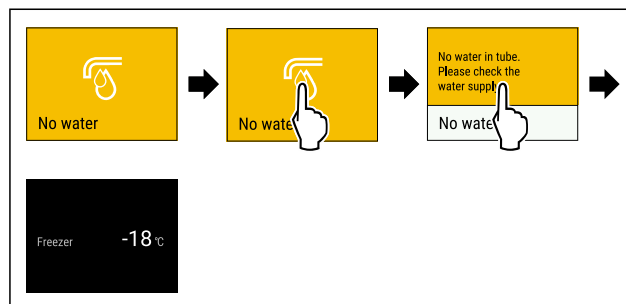


Fig. 86 Example illustration

- ▶ Briefly touch the display
- ▶ Display shows reminder information.
- ▶ Briefly touch the display
- ▶ Check the water connection.

-or-

- ▶ Deactivate IceMaker. (see Deactivating the IceMaker and MaxIce)

If water connection is checked and IceMaker is activated:

- ▶ Clean the IceMaker. (see 9.3.4 Cleaning the IceMaker)
- ▶ IceMaker produces ice cubes.

### Insert the IceMaker drawer

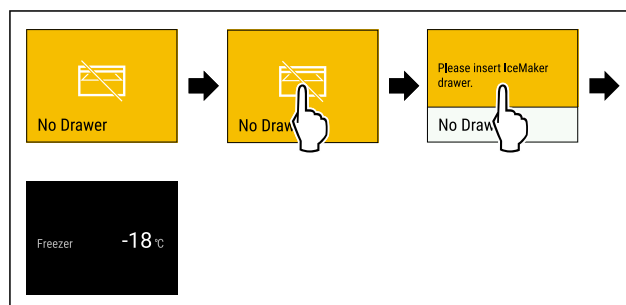


Fig. 87 Example illustration

- ▶ Briefly touch the display.
- ▶ Display shows reminder information.
- ▶ Briefly touch the display.
- ▶ Insert the IceMaker drawer.

-or-

- ▶ Deactivate IceMaker. (see IceMaker / MaxIce)

- ▶ If IceMaker drawer is inserted and IceMaker is activated: IceMaker produces ice cubes.

# 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 inside the appliance.
- ▶ Always keep the inside vents at the rear wall clear.

### 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

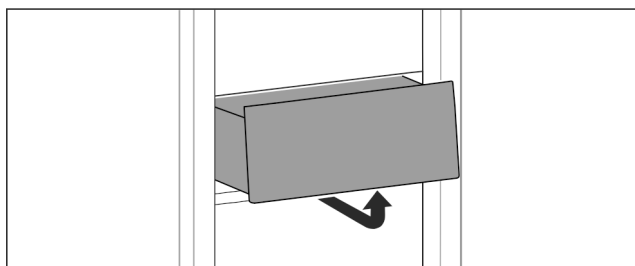


Fig. 88

- Remove drawer as shown in the illustration.

## Inserting drawer

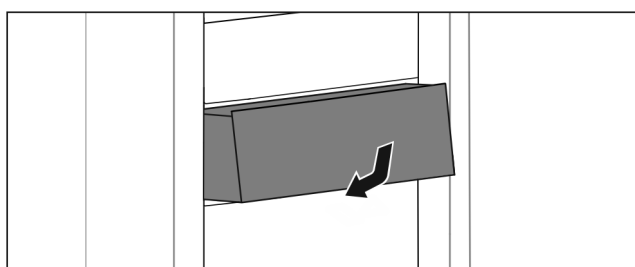


Fig. 89

- Insert drawer as shown in the illustration.

## 8.1.2 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.

### Drawer on glass shelf

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

## Removing drawer

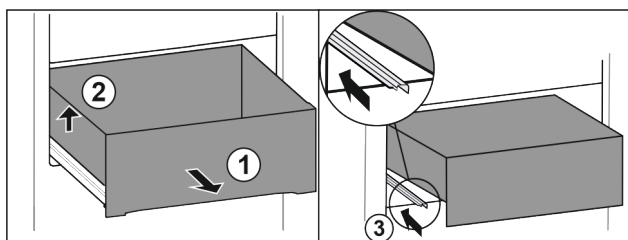


Fig. 90

- Pull out drawer as far as it will go. Fig. 90 (1)
- Lift drawer on the left. Fig. 90 (2)
- Insert left rail. Fig. 90 (3)

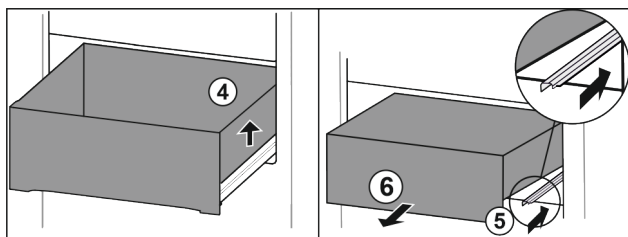


Fig. 91

- Lift drawer on the right. Fig. 91 (4)
- Insert right rail. Fig. 91 (5)
- Remove drawer to the front. Fig. 91 (6)

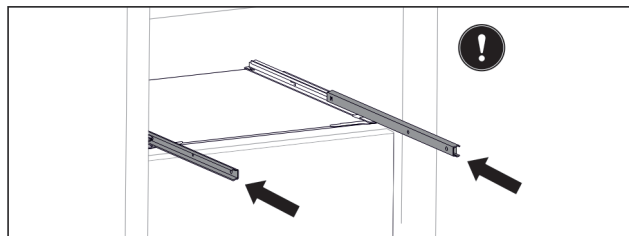


Fig. 92

If the rails are not yet fully inserted after removing the drawer:

- Push rails in completely.

## Inserting drawer

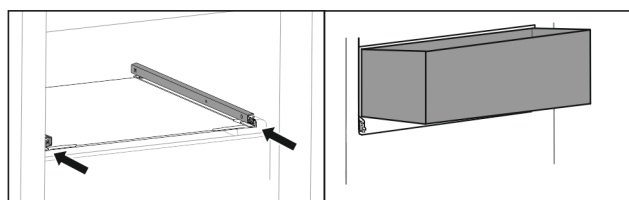


Fig. 93

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

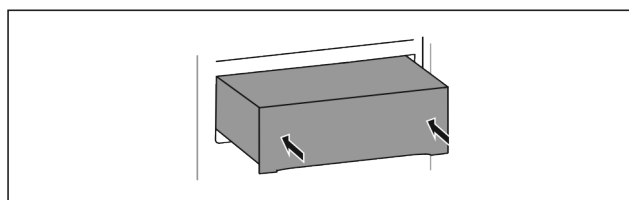


Fig. 94

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

## 8.1.3 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

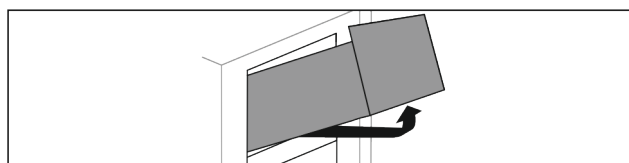


Fig. 95

- 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

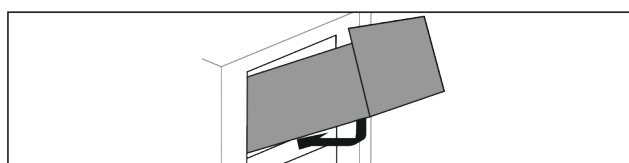


Fig. 96

- 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.

# Features

## 8.1.4 Drawer on moulded rib

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

### Removing drawer

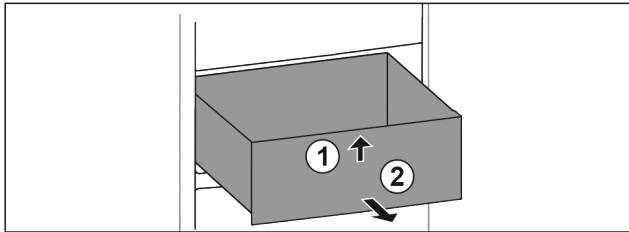


Fig. 97

- Pull out drawer as far as it will go.
- Lift up drawer at the front. Fig. 97 (1)
- Remove drawer to the front. Fig. 97 (2)

### Inserting drawer

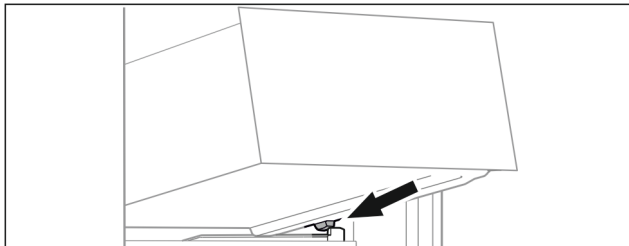


Fig. 98

- Place drawer at an angle behind the stoppers on the moulded rib. (see Fig. 98)
- Lower drawer.
- Slide in drawer to the back.

## 8.2 Pull-out board with IceTower

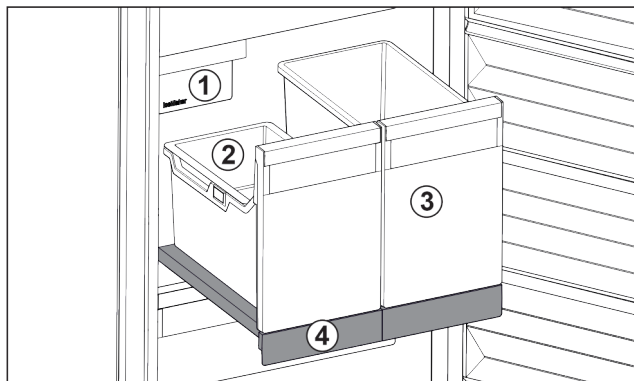


Fig. 99 Pull-out board with IceTower

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

There are two high (IceTower) containers on the pull-out board. Ice cubes from the IceMaker are collected and stored in the Fig. 99 (2) container. The container Fig. 99 (3) is suitable for storing tall foodstuffs or beverages such as pizzas or alcoholic drinks.

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

## 8.2.1 Dismantling the pull-out board with IceTower

### Removing the container

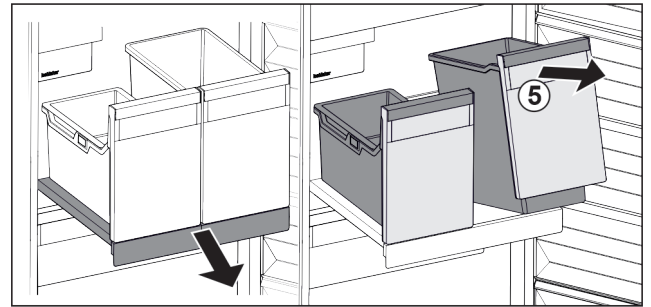


Fig. 100

- Pull out the pull-out board.
- Lift the container Fig. 100 (5) at the front.
- Remove the container.

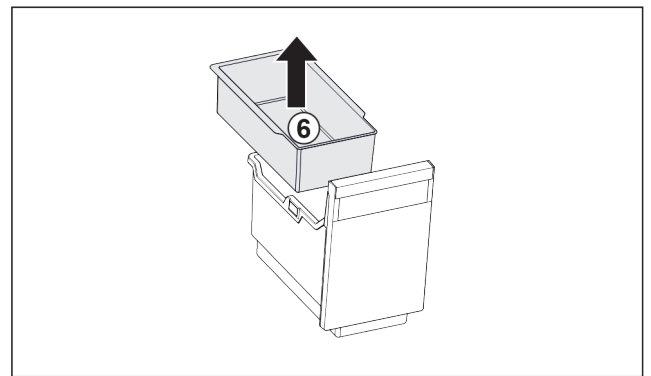


Fig. 101

- Remove the hang-on tray Fig. 101 (6).
- If there are ice cubes in the hang-on tray: Empty the hang-on tray.
- The container and hang-on tray have been removed and you can clean them. (see 9.3.3 Clean the components)

### Removing the pull-out board

Ensure that the following conditions are met:

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

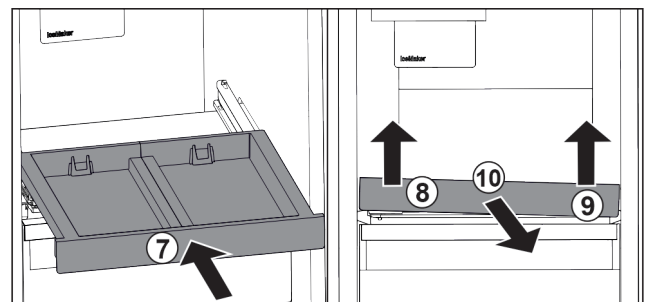


Fig. 102

- Slide in the pull-out board. Fig. 102 (7)
- Lift the pull-out board on the front left. Fig. 102 (8)
- Lift the pull-out board on the front right. Fig. 102 (9)
- Pull-out board is detached from the attachment at the front.
- Take out the pull-out board to the front. Fig. 102 (10)
- The pull-out board has been removed and you can clean it. (see 9.3.3 Clean the components)

### Removing the glass shelf from under the pull-out board

(see 8.3 Glass shelves)



## 8.2.2 Inserting the pull-out board with IceTower

### Inserting the glass shelf from under the pull-out board

(see 8.3 Glass shelves)

#### Inserting the pull-out board

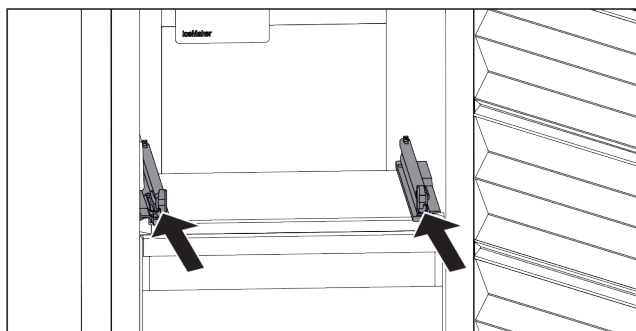


Fig. 103

- Slide the rails in.

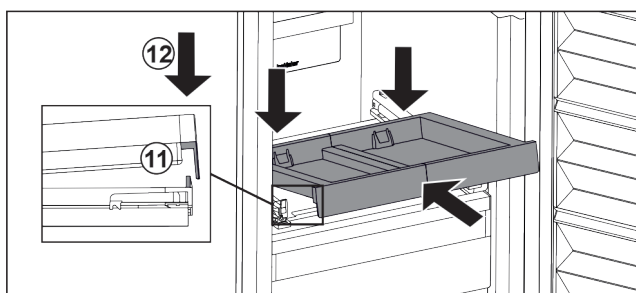


Fig. 104

- Place the pull-out board in at an angle behind the front lug.
- Slide in at an angle. Make sure that the stop is behind the lug on both sides. Fig. 104 (11)
- Lower the pull-out board at the front. Fig. 104 (12)

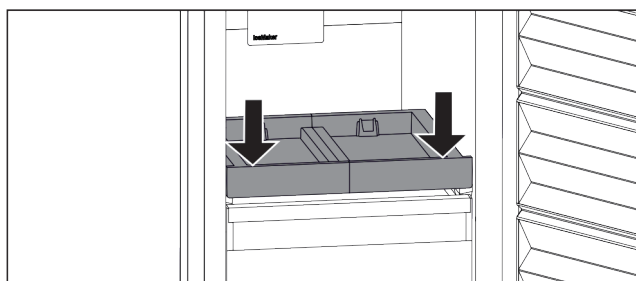


Fig. 105

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

#### Inserting the container

Ensure that the following conditions are met:

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

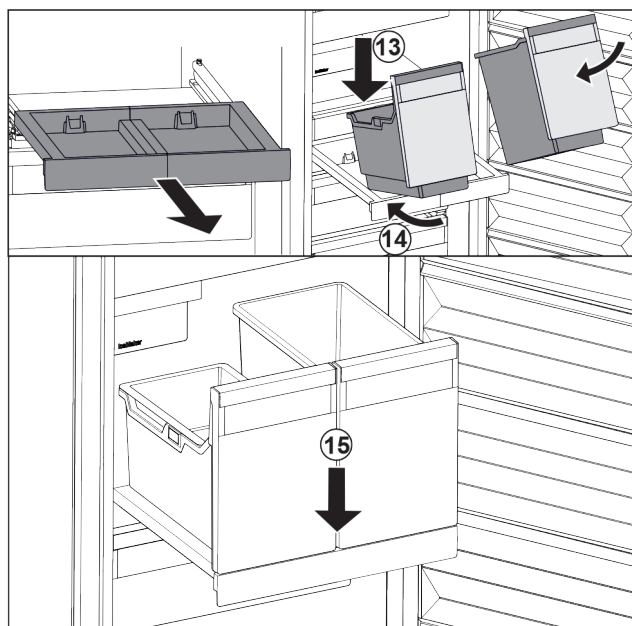


Fig. 106

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

#### Note

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

- Place the container at an angle on the pull-out board. Fig. 106 (13)
- Slide the container to the back at an angle. Fig. 106 (14)
- Place container in the front. Fig. 106 (15)

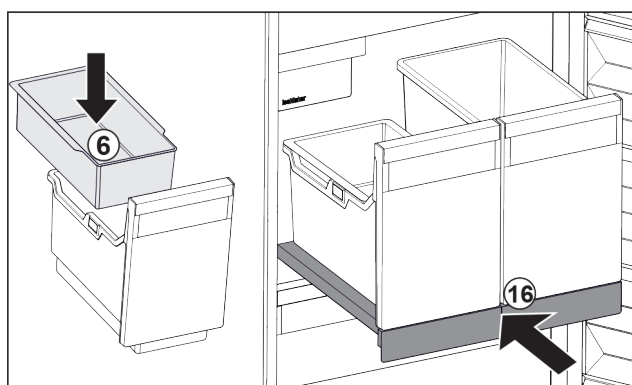


Fig. 107

- Insert hang-on tray Fig. 107 (6) for ice cubes.
- Slide in the pull-out board with (IceTower) container. Fig. 107 (16)
- Pull-out shelf with IceTower is fully inserted.

## 8.3 Glass shelves

### NOTICE

Impermissible removal of the glass panel above the IceTower!

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

- Do not remove the glass panel above the IceTower.

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

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



## Features

### 8.3.1 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 8.1.3 Top tilting drawer)

#### Removing glass shelf

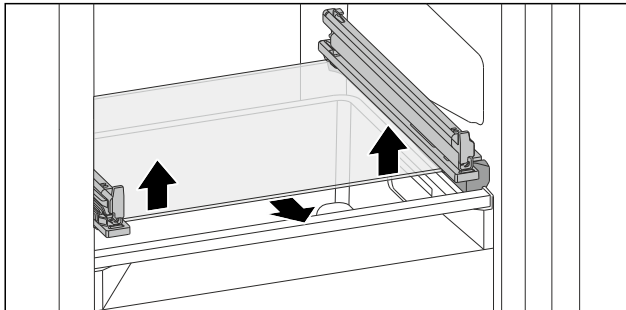


Fig. 108 Tilting drawer glass shelf

- Push glass shelf upwards from below on both sides. (see Fig. 108)
- Take out the glass shelf to the front.

#### Inserting glass shelf

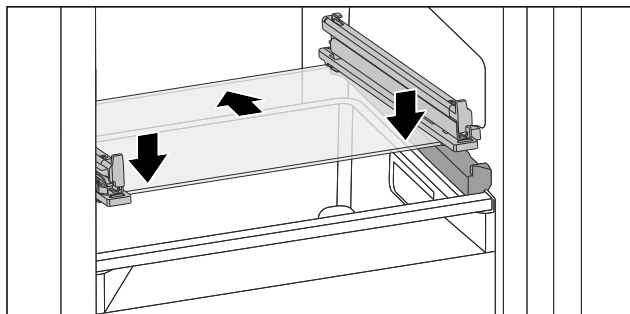


Fig. 109 Tilting drawer glass shelf

- Position glass shelf at an angle behind the stoppers. (see Fig. 109)
- Lower glass shelf.
- Slide in glass shelf to the back.
- Glass shelf clicks into place.

### 8.3.2 Removing / inserting the glass shelf

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

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

Make sure that the following requirements are fulfilled:

- ❑ Glass shelf under the drawer: The drawer has been removed. (see 8.1 Drawers)
- ❑ Pull-out board under IceTower: IceTower has been removed. (see 8.2 Pull-out board with IceTower)

#### Removing glass shelf

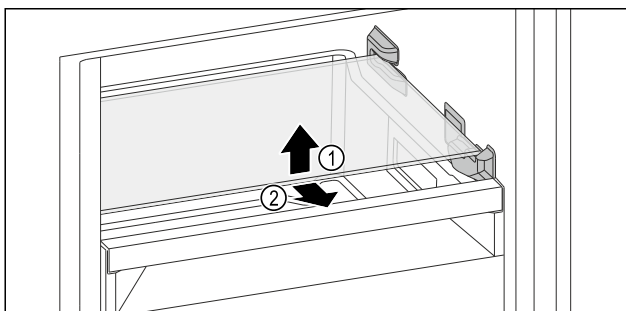


Fig. 110 Example illustration, glass shelf\*

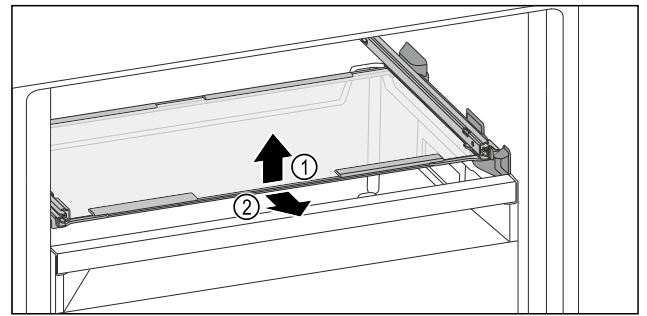


Fig. 111 Example illustration, glass shelf\*

- Lift the glass shelf forwards.
- Remove the glass shelf forwards.

#### Inserting glass shelf

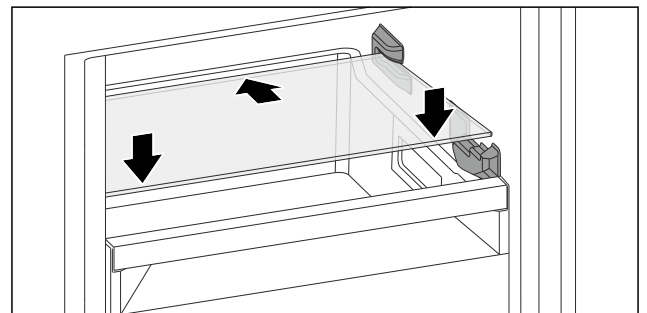


Fig. 112 Example illustration, glass shelf\*

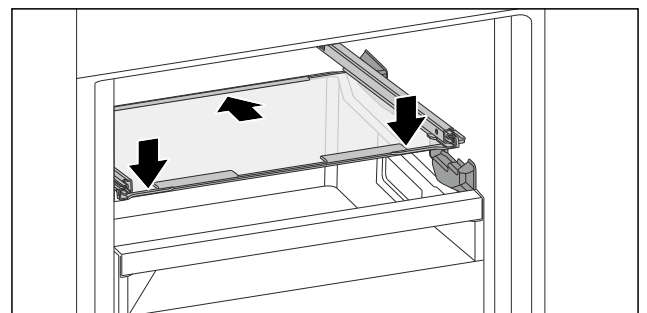


Fig. 113 Example illustration, glass shelf\*

- Place the glass shelf at an angle behind the stoppers.
- Lower glass shelf.
- Slide in glass shelf to the back.

## 8.4 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.

### 8.4.1 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.
- To make a high number of ice cubes: Move the divider in the IceMaker drawer or remove it completely.
- 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.

## 8.5 VarioSpace

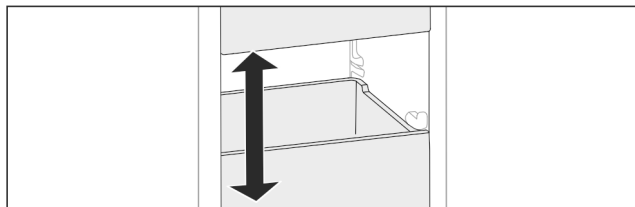


Fig. 114

You can remove drawers and glass panels from your appliance. This provides more room for large food items such as poultry, joints of meat, large game, and tall baked products. You can then freeze these items whole for later preparation.

- Note the weight limits on the drawers and glass panels (see 10.1 Technical specifications).

## 8.6 Freezer pack

Freezer packs prevent the temperature rising too quickly should there be a power cut.

The freezer packs are in the drawer.

You can store the freezer packs in the freezer tray.

### 8.6.1 Using the freezer pack

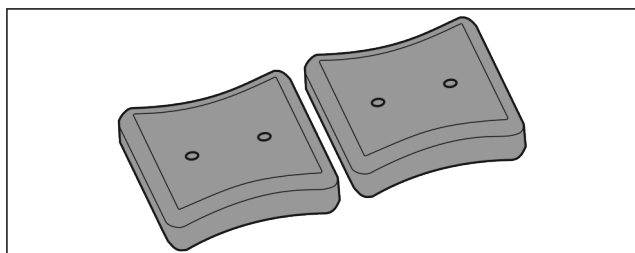


Fig. 115

When the freezer packs are fully frozen:

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

## 8.7 Flexible ice compartment divider

The IceMaker's ice cube drawer has a flexible ice compartment divider. This allows you to store larger quantities of ice cubes or additional food items as needed. You can move or remove the ice compartment divider.

### 8.7.1 Moving in the flexible ice compartment divider

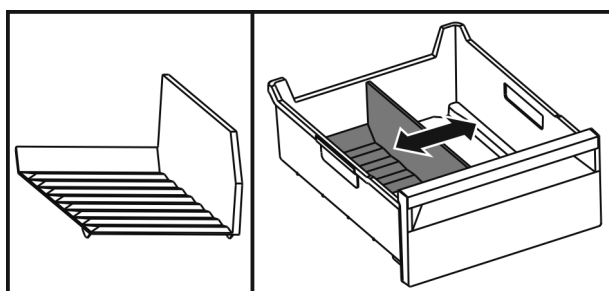


Fig. 116 Example illustration of the ice compartment divider

- Move the ice compartment divider to the desired position.

### 8.7.2 Removing the flexible ice compartment divider

Make sure that the following requirements are fulfilled:

- ❑ Ice cube drawer is removed. (see 8.1 Drawers)

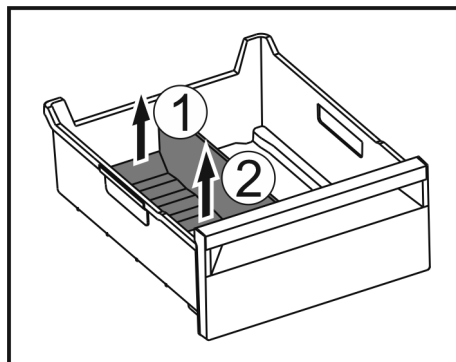


Fig. 117

- Lift the rear part of the ice compartment divider. Fig. 117 (1)

- Remove the ice compartment divider upwards. Fig. 117 (2)

### 8.7.3 Putting in the flexible ice compartment divider

Make sure that the following requirements are fulfilled:

- ❑ Ice cube drawer is removed. (see 8.1 Drawers)

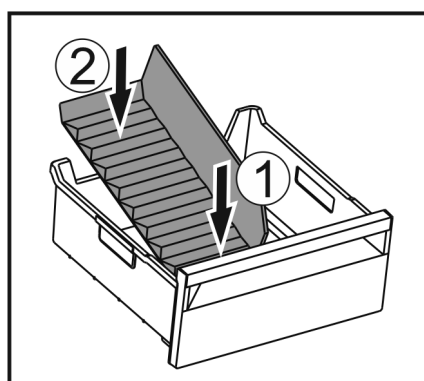


Fig. 118

- Insert the front part of the ice compartment divider. Fig. 118 (1)

- Lower the rear part of the ice compartment divider to the drawer bottom. Fig. 118 (2)

## 9 Maintenance

### 9.1 Disassembling / assembling pull-out systems

#### 9.1.1 Notes on disassembly

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

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

|                                         |                                                       |
|-----------------------------------------|-------------------------------------------------------|
| Pull-out system                         | can be disassembled / cannot be disassembled          |
| Drawer on appliance base or glass shelf | cannot be disassembled                                |
| Drawer guided on glass shelf            | can be disassembled (see Drawer on glass shelf)       |
| Top tiltable drawer                     | can be disassembled (see 9.1.3 Top tilting drawer)    |
| Drawer guided on container rib          | can be disassembled (see 9.1.4 Drawer on moulded rib) |
| IceTower                                | can be disassembled (see 9.1.5 IceTower)              |

## 9.1.2 Drawer on telescopic rails

### Drawer on glass shelf

#### Disassembling pull-out system

Make sure the following prerequisites are met:

- ☐ Drawer has been removed. (see 8.3 Glass shelves)
- ☐ Glass shelf has been removed. (see 8.3 Glass shelves)

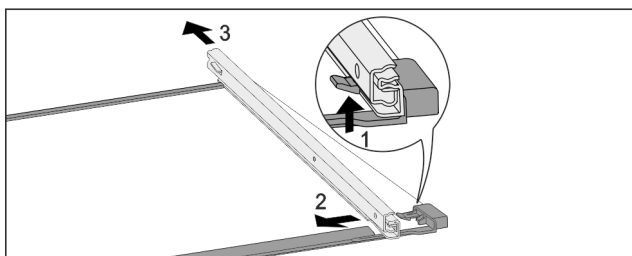


Fig. 119 Glass shelf with rails

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

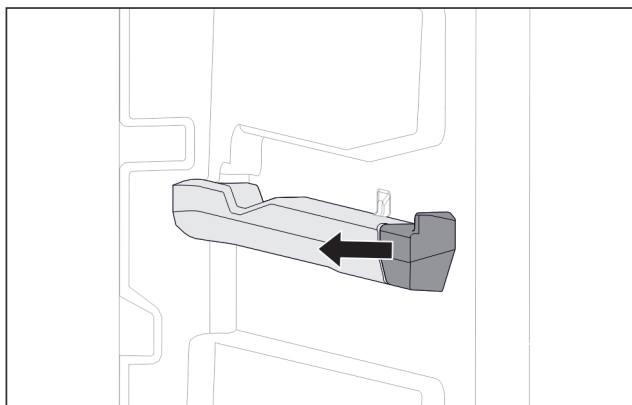


Fig. 120 Attachment on the right moulded rib

- Remove moulded rib attachment sideways.

#### Installing pull-out system

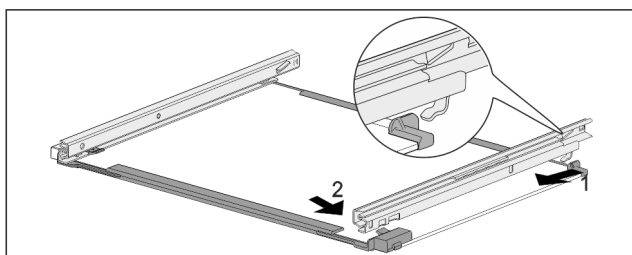


Fig. 121 Glass shelf with rails

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

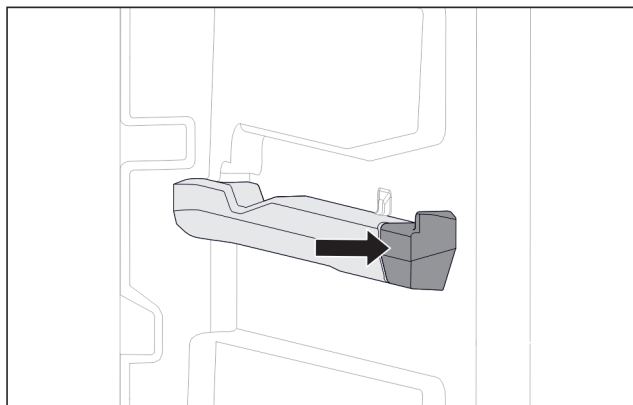


Fig. 122 Attachment on the right moulded rib

- Press attachment onto moulded rib.

## 9.1.3 Top tilting drawer

### Disassembling pull-out system

Make sure the following prerequisites are met:

- ☐ Drawer has been removed. (see 8.1.3 Top tilting drawer)
- ☐ Glass shelf has been removed. (see 8.3 Glass shelves)

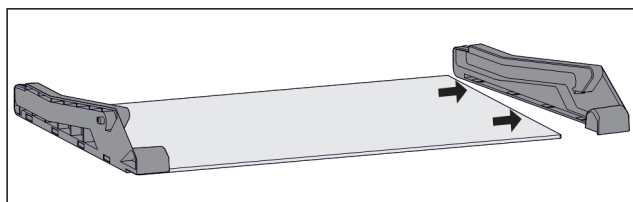


Fig. 123 Glass shelf with side parts

- Pull off side part from glass shelf sideways.

#### Installing pull-out system

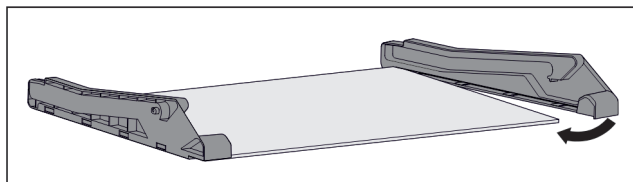


Fig. 124 Glass shelf with side parts

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

## 9.1.4 Drawer on moulded rib

### Disassembling pull-out system

Make sure the following prerequisites are met:

- ☐ Drawer has been removed. (see 8.1.4 Drawer on moulded rib)

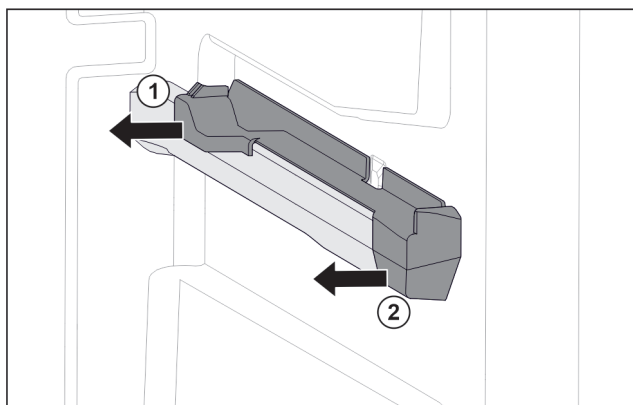
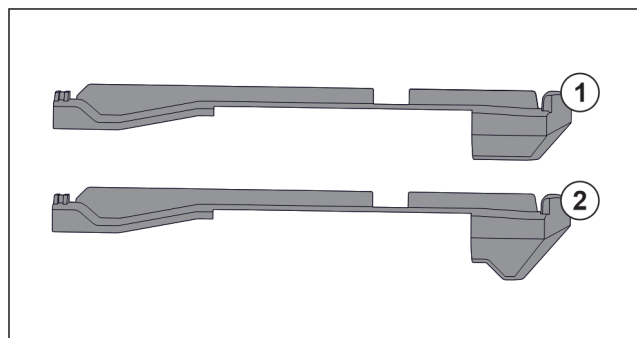


Fig. 125 Attachment on the right moulded rib

- Grab attachment at the back from below.

- Pull off attachment at the back sideways. *Fig. 125 (1)*
- Pull off attachment at the front sideways. *Fig. 125 (2)*

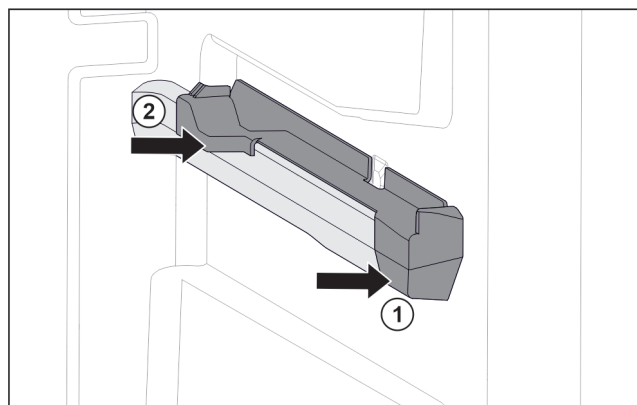
## Installing pull-out system



*Fig. 126 Comparing attachments*

There are two different attachments in the appliance. The attachment above the lowest drawer *Fig. 126 (2)* has a three-cornered edge. All other attachments *Fig. 126 (1)* have a straight edge.

- Fit attachment *Fig. 126 (2)* with the three-cornered edge above the lowest drawer.
- Fit attachment *Fig. 126 (1)* with straight edge in all other positions.



*Fig. 127 Attachment on the right moulded rib*

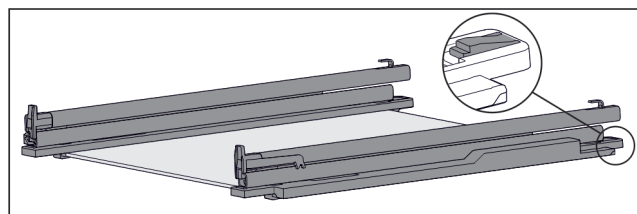
- Position attachment on moulded rib at the front. *Fig. 127 (1)*
- Press on attachment at the back. *Fig. 127 (2)*

## 9.1.5 IceTower

### Disassembling pull-out system

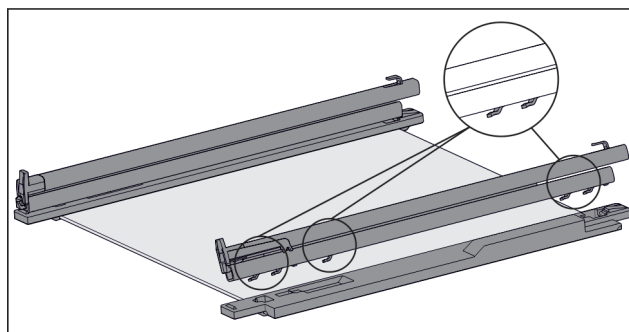
Make sure the following prerequisites are met:

- ☐ IceTower has been removed. (see 8.2 Pull-out board with IceTower)
- ☐ Glass shelf has been removed. (see 8.3 Glass shelves)
- Place pull-out board on a table.
- You are able to remove the rails more easily from the glass shelf.



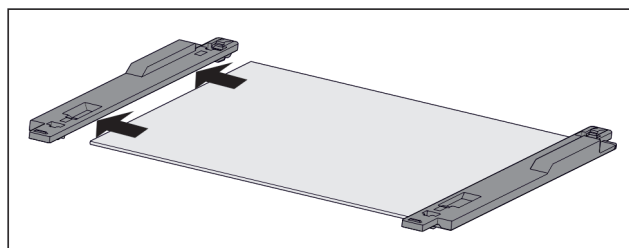
*Fig. 128 Glass shelf with rails and retaining parts*

- Press down retaining part at the rear (see *Fig. 128*) and at the same time push the rail back.



*Fig. 129 Glass shelf with rails and retaining parts*

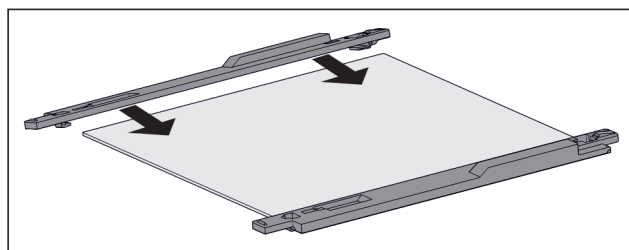
- The rail hooks are released from the retaining part.
- Remove rail from retaining part.



*Fig. 130 Glass shelf with retaining part*

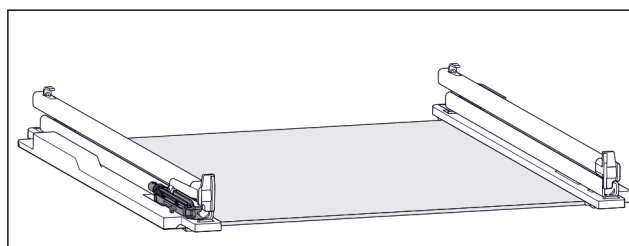
- Remove retaining part from glass shelf sideways.

### Installing pull-out system



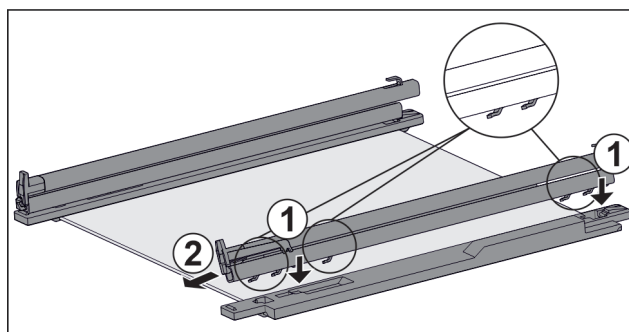
*Fig. 131 Glass shelf with retaining part*

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



*Fig. 132 Damping mechanism*

The damping mechanism is attached to the left rail. (see *Fig. 132*) There is no damping mechanism attached to the right rail.



*Fig. 133 Glass shelf with rails and retaining parts*

Install rail **with** damping mechanism:

# Customer help

- ▶ Place rail hooks onto the openings of the **left** retaining part. *Fig. 133 (1)*
- ▶ Push rail forwards. *Fig. 133 (2)*
- ▶ Rail latches in audibly.  
Install rail **without** damping mechanism:
- ▶ Place rail hooks onto the openings of the **right** retaining part. *Fig. 133 (1)*
- ▶ Push rail forwards. *Fig. 133 (2)*
- ▶ Rail latches in audibly.

## 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 have 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 use abrasive sponges or steel wool which may cause scratches.
- ▶ Do not use any sharp or abrasive cleaning agents, nor any that contain sand, chloride or acid.

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

### 9.3.3 Clean the components

#### NOTICE

Improper cleaning!

Damage to the appliance.

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

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

- IceTower pull-out board
- Drawer

Please note: Do not remove the magnet on the drawer. The magnet ensures the functionality of the IceMaker.

- Flexible ice compartment divider in the IceMaker's ice cube drawer
- Freezer tray

#### 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:

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

### 9.3.4 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

Clean the IceMaker with the TubeClean function.

- ▶ Put an empty 1.5 l vessel (max. height 10 cm) in the drawer under the IceMaker.
- ▶ Activate the TubeClean function.
- ▶ The rinse process is prepared (max. 60 min.): Symbol flashes.
- ▶ Water pipes are rinsed: Symbol flashes.
- ▶ Rinsing process is complete: Function turns off automatically.
- ▶ Remove the IceMaker drawer and remove the container.
- ▶ Clean the IceMaker drawer with warm water and a little detergent.
- ▶ Push the IceMaker drawer in.
- ▶ The system starts making ice cubes automatically.

Without a water filter

- ▶ Dispose of any ice cubes that were made 24 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.

### 9.3.5 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 ice cube quantity / 24 hours |                                                    |
|--------------------------------------|----------------------------------------------------|
| Freezer compartment                  | see type plate under "Freezing capacity .../ 24 h" |

| Maximum component capacity                                                |                                                                              |                                                                              |                                                                              |
|---------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Features                                                                  | Appliance width 550 mm (see installation instructions, appliance dimensions) | Appliance width 600 mm (see installation instructions, appliance dimensions) | Appliance width 700 mm (see installation instructions, appliance dimensions) |
| Drawer on glass shelf (see 8.1.1 Drawer on appliance base or glass shelf) | 12 kg                                                                        | 15 kg                                                                        | --                                                                           |
| Drawer on container rib (see 8.1.4 Drawer on moulded rib)                 | 14 kg                                                                        | 19 kg                                                                        | 19 kg                                                                        |
| Drawer guided on glass shelf (see 8.1.2 Drawer on telescopic rails)       | 12 kg                                                                        | 15 kg                                                                        | 22 kg                                                                        |
| Bottom drawer                                                             | --                                                                           | 11 kg                                                                        | 19 kg                                                                        |
| Top tiltable drawer (see 8.1.3 Top tilting drawer)                        | --                                                                           | 19 kg                                                                        | 19 kg                                                                        |

| Ice cube production with IceMaker      |                                                  |
|----------------------------------------|--------------------------------------------------|
| Ice cube production / 24 hours         | At a temperature of -18 °C: 0.8 kg of ice cubes  |
| maximum ice cube production / 24 hours | With the MaxIce function on: 1.2 kg of ice cubes |

| Lighting                                                                   |              |
|----------------------------------------------------------------------------|--------------|
| Class <sup>1</sup>                                                         | Light source |
| This product contains one or more energy efficiency class G light sources. | LED          |

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

For appliances with a WiFi connection:

| Frequency specification           |                                                              |
|-----------------------------------|--------------------------------------------------------------|
| Frequency band                    | 2.4 GHz                                                      |
| Maximum radiated power            | < 100 mW                                                     |
| Purpose of the wireless equipment | Integration in the local WiFi network for data communication |

## 10.2 Operating noises

The appliance makes different noises when it is on.

- At **higher temperatures** the appliance uses less energy but works for longer. It is **quieter**.
- At **lower temperatures** the food is cooled faster. It is **louder**.

Examples:

- Functions on (see 7.2 Appliance functions)
- Fan running
- Food recently added
- High ambient temperature
- Door open for a while

| Noise                  | Possible cause                                                      | Type of noise          |
|------------------------|---------------------------------------------------------------------|------------------------|
| Bubbling and splashing | Coolant flowing into the cooling circuit.                           | Normal operating noise |
| Hissing                | Coolant sprays into the cooling circuit.                            | Normal operating noise |
| Humming                | The appliance is cooling. The volume depends on the cooling output. | Normal operating noise |
| Suction noises         | Soft-closing door is being opened and closed.                       | Normal operating noise |
| Humming and rustling   | The fan is running.                                                 | Normal operating noise |
| Clicking               | Components are switched on and off.                                 | Normal switching noise |
| Rattling humming or    | Valves or flaps are working.                                        | Normal switching noise |

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

## 10.3 Technical fault

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

You can fix the following faults yourself.

## 10.3.1 Appliance function

| Defect                                                                                               | Cause                                                                                                                                        | Remedy                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>The appliance is not working.</b>                                                                 | → The appliance is not switched on.                                                                                                          | ▶ Switch the appliance on.                                                                                                                                                       |
|                                                                                                      | → The power plug is not properly plugged into the socket.                                                                                    | ▶ Check the power plug.                                                                                                                                                          |
|                                                                                                      | → There is something wrong with the power outlet fuse.                                                                                       | ▶ Check the fuse.                                                                                                                                                                |
|                                                                                                      | → Power cut                                                                                                                                  | ▶ Keep the appliance closed.<br>▶ Safeguarding food: Place cold packs on top of food or use another freezer if the power cut lasts longer.<br>▶ Do not re-freeze defrosted food, |
|                                                                                                      | → The IEC socket is not plugged into the appliance correctly.                                                                                | ▶ Check the IEC socket.                                                                                                                                                          |
| <b>Temperature is not cold enough.</b>                                                               | → 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 1.2 Climate classes)                                                                                                                                    |
|                                                                                                      | → 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.                                                                                              |
| <b>The temperature shown on the display is higher than the actual temperature in the appliance.*</b> | → Appliance door was open for a long time and the door alarm was triggered automatically. This causes the appliance to cool more vigorously. | ▶ Close appliance door.                                                                                                                                                          |
| <b>The door seal is defective or needs to be replaced for another reason.</b>                        | → The door seal can be replaced. It can be replaced without the need for special tools.                                                      | ▶ Contact Customer Service. (see 10.4 Customer Service)                                                                                                                          |
| <b>The appliance builds up too much ice or condensation.</b>                                         | → The door seal may have slipped out of its groove.                                                                                          | ▶ Check that the door seal is well fitted in the groove.                                                                                                                         |

## 10.3.2 Features

| Defect                                          | Cause                                                         | Remedy                                                |
|-------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------|
| <b>You cannot activate the IceMaker.</b>        | → The appliance and therefore the IceMaker are not connected. | ▶ Connect the appliance (see the Installation Guide). |
| <b>The IceMaker is not producing ice cubes.</b> | → The IceMaker is not on.                                     | ▶ Activate the IceMaker.                              |
|                                                 | → The drawer of the IceMakers is not connected properly.      | ▶ Push the drawer in correctly.                       |
|                                                 | → The water connection is not open.                           | ▶ Open the water connection.                          |



| Defect                               | Cause                                                     | Remedy                                                                                       |
|--------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------|
| The internal light does not come on. | → The appliance is not switched on.                       | ► Switch the appliance on.                                                                   |
|                                      | → The door was open for longer than 15 minutes.           | ► Interior lighting switches off automatically after about 15 minutes when the door is open. |
|                                      | → The LED interior light is faulty or the lid is damaged. | ► Contact Customer Service. (see 10.4 Customer Service)                                      |

## 10.4 Customer Service

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

You can find the address in the enclosed brochure “Liebherr-Service” or at [home.liebherr.com/service](http://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.

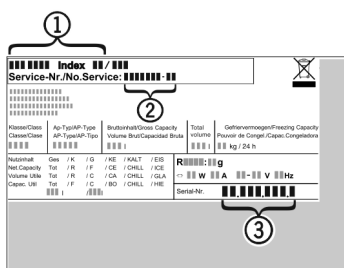


Fig. 134

- (1) Appliance description      (3) Serial no.  
(2) Service no.

- Note the data on the model plate.

## 11 Shutting down

- Empty the appliance.
- Deactivate IceMaker. (see Deactivating the IceMaker and MaxIce)
- Switch off appliance. (see Switching the appliance off and on)
- Pull the mains plug out of the socket.
- Remove the IEC socket if required: Pull the IEC socket out of the appliance plug and move it to the left and right at the same time.
- Clean appliance. (see 9.3 Cleaning the appliance)
- Leave the door open, so that no unpleasant odours arise.

## 12 Disposal

Ensure that the following requirements are met:

- ☐ Meaning of the symbols on the appliance: are familiar. (see 1.14 Symbols on the appliance)
- ☐ Notes on disposal are familiar. (see 1.8 Disposal)

### 12.1 Preparing the appliance for disposal

- Shutting your appliance down. (see 11 Shutting down)

### 12.2 Disposing of the appliance in an environmentally friendly manner



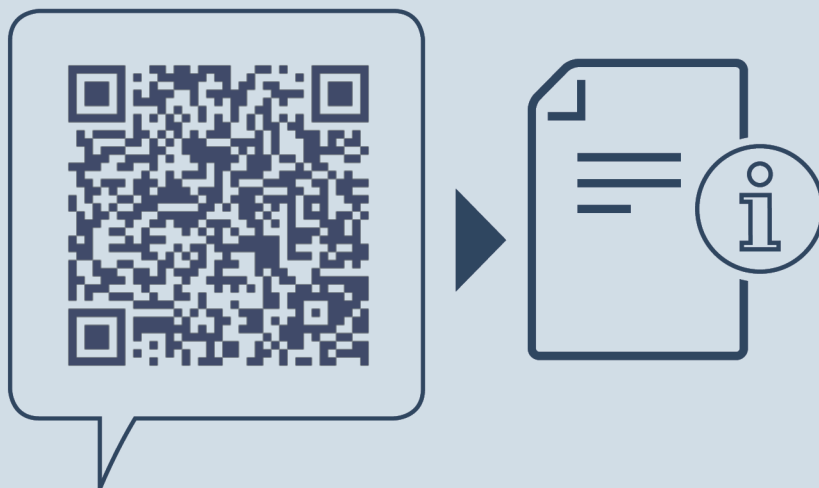
### WARNING

Leaking coolant and oil!

Fire. The coolant contained in the appliance is eco-friendly, but also flammable. The oil contained in the appliance is flammable. Escaping coolant and oil can ignite if the concentration is high enough and in contact with an external heat source.

- Do not damage the pipelines of the coolant circuit and the compressor.

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



[home.liebherr.com/fridge-manuals](https://home.liebherr.com/fridge-manuals)

**EN** Integrated freezer

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