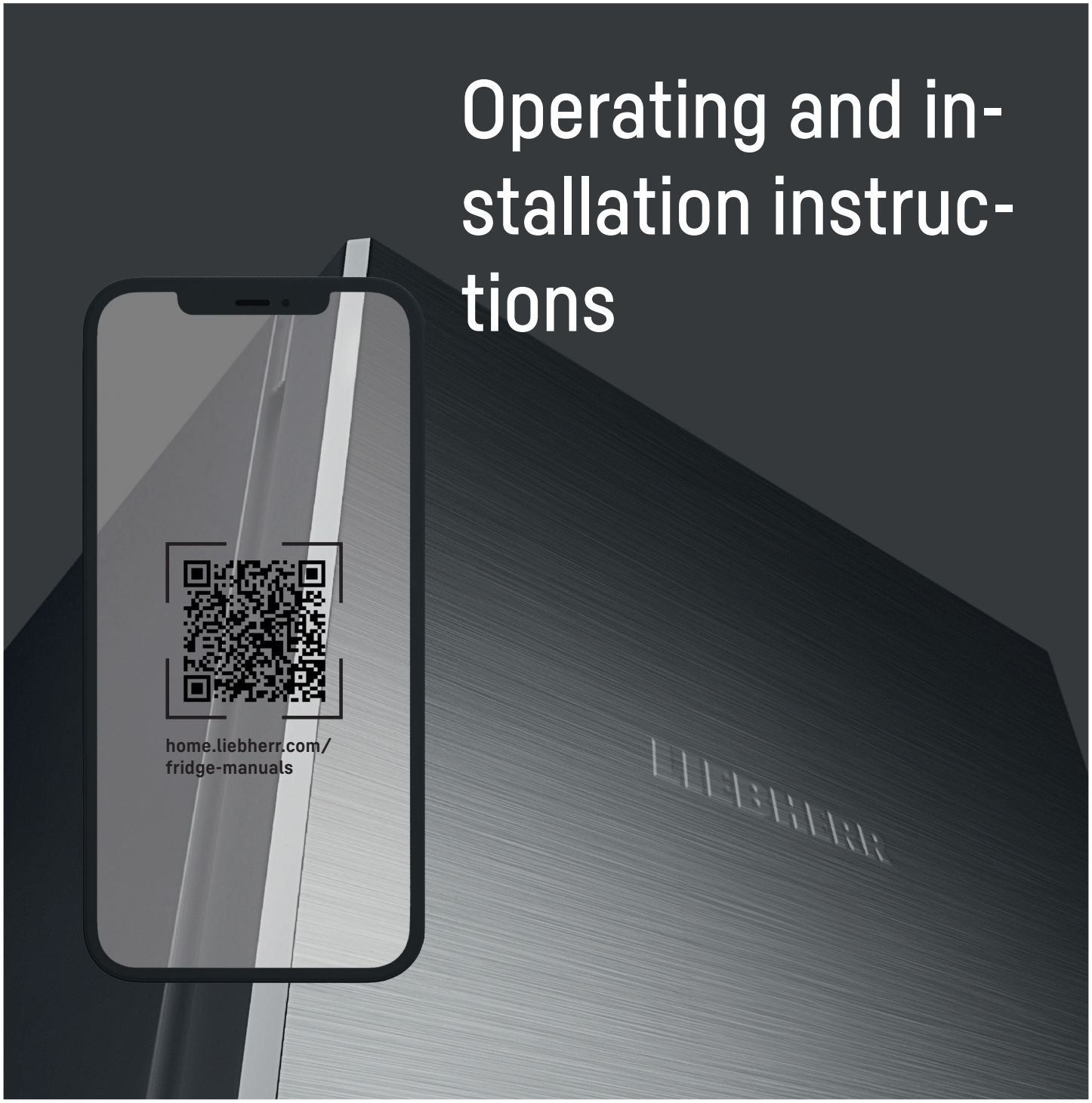
Operating and installation instructions



EN ORIGINAL OPERATOR'S MANUAL

LIEBHERR

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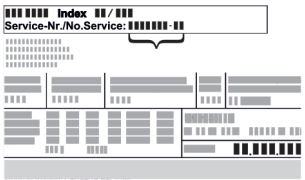
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The manufacturer is continually working on the further development of all types and models. Please be aware that we reserve the right to make changes to the shape, equipment and technology.

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

Symbol	Explanation
▷ ▶	**Instructions and results** Instructions are marked with a ▶. Results are marked with a ▷.
▶	**Videos** Videos about the appliances are available on the YouTube channels of Liebherr-Hausgeräte.

Open source licences:

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

This user information applies to the following appliances:

F(N)..i	16..

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

1 General safety information

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

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

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

1.1 Intended use

- This appliance is intended for household use and similar applications such as:
  - in staff kitchen areas in shops, offices and other work areas
  - in agriculture and by guests in hotels, motels and other accommodation
  - bed and breakfasts
  - in catering and similar wholesale operations
- Further uses:
  - This appliance is not intended for use as a built-in appliance.
  - All other types of application are impermissible.

1.2 Foreseeable erroneous use

The following applications are expressly prohibited:

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

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

1.3 User group

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

1.4 Warning notices – Risks for the user

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

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

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



WARNING: Fire hazard/flammable substances.

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

- The more refrigerant there is in the appliance, the larger than room must be in which it is located. In rooms that are too small, a leak can product a flammable gas/air mixture. For every 8 g of refrigerant, the installation room must be at least 1 m^3 in size. Information on the refrigerant contained is given on the type plate inside the appliance.
- Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- Package raw meat or fish in clean, closed containers. This will prevent meat or fish from touching or dripping onto other food.
- If the fridge-freezer is left empty for a long period, switch it off, defrost it, clean it, dry it and leave the door open to prevent mould from forming.
- Avoid prolonged skin contact with cold surfaces or with cold food. Use gloves for protection, for example.
- Alcoholic beverages and other containers bearing alcohol must be sealed tight for storage. Any leaking alcohol may ignite due to electrical parts.
- Only open the door for a short time. This prevents the temperature inside the appliance from rising.
- Do not reach between the door and the appliance when opening and closing. Fingers may become trapped.

- WARNING: This appliance must be secured in accordance with the instruction manual to prevent any risks arising from a lack of stability.
- Follow the instructions for installation and connection. (see 3 Setting up and connecting)

1.5 Faults, damage and repairs

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

1.6 Information concerning disposal



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



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



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

- The old appliance must be properly and therefore professionally disposed of in accordance with the local applicable regulations and legislation. When transporting the old appliance do not damage the refrigerant circuit, so that the refrigerant inside (information on the type plate) and the oil do not leak out uncontrolled.
- Please note that it is the customer's responsibility to delete any personal data that may be held.*
- For Germany: The appliance can be disposed of free of charge via the class 1 collection containers at the local recycling/reusable material centres. When purchasing a new refrigerator/freezer and a sales area > 400 m^2, the old appliance is also taken back free of charge via the trade.
- EU: Please check with your local authorities to find out how to dispose of old appliances.

1.7 Conformity

The coolant circuit has been tested for leak-tightness. 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.*
Intended use of the radio equipment:	Connection to the local Wi-Fi network for data communication
Frequency band:	2.4 GHz
Maximum radiated power:	< 100 mW

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

1.8 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

The appliance is guaranteed to function properly up to a lower ambient temperature of -15 °C.

1.9 SVHC substances in accordance with the REACH Regulation

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

1.10 EPREL database

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

1.11 Open source licences

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

1.12 Product cybersecurity

- This appliance features remote monitoring and control functions that work in conjunction with the Liebherr-Household Appliances digital product ecosystem. These functions are protected by appropriate security measures. The user is responsible for ensuring an appropriately secure network environment so that networked

functions can be used safely. When using third-party systems via the interfaces (APIs) provided, Liebherr-Hausgeräte's security support is limited to the appliance and the Liebherr-Hausgeräte digital product environment. For information on product cyber security, please visit: www.liebherr.com/psirt
You can also report potential security vulnerabilities there. Liebherr provides security updates for this appliance for a period of 10 years from the date it is placed on the market. Security updates are made available via Liebherr-Hausgeräte's digital product environment. To receive security updates, please register via the SmartDevice app or SmartMonitoring and connect the appliance to Liebherr-Hausgeräte's digital product ecosystem.

1.13 Spare parts

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

1.14 Warning levels

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

2 Appliance at a glance

2.1 Scope of delivery

Check all parts for transport damage. Contact your dealer or customer service in the event of complaints. (see 11.4 Customer Service)

Your new appliance comes with the following parts:
- Standalone appliance
- Features (depending on the model)
- Installation materials (depending on the model)
- "Quick Start Guide"
- "Installation Guide"*
- Service Brochure

2.2 Overview of the appliance and equipment

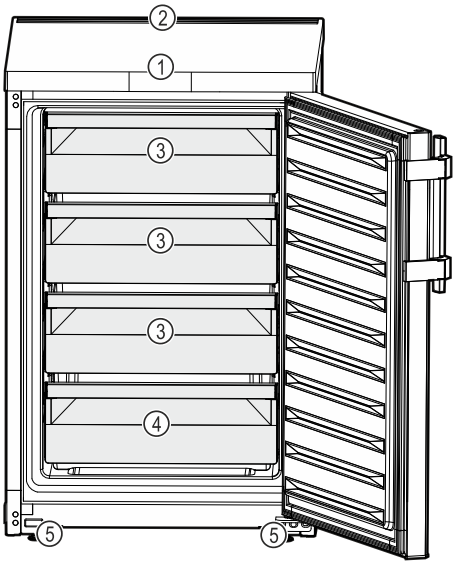


Fig. 1 Example illustration

(1) Controls, lighting
(2) Ventilation slot
(3) VarioSpace
(4) Type plate
(5) Adjustable feet (front)

2.3 SmartDevice*

SmartDevice is the networking solution for your freezer.

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

SmartDevice-enabled appliance:*	Your appliance is capable of being a SmartDevice. To be able to connect your device to WiFi, you need to download the SmartDevice app.*
More information about SmartDevice:	**smartdevice.liebherr.com**
Downloading the SmartDevice app:	After installing and configuring the SmartDevice app, you can connect your appliance to your Wi-Fi (see WLAN*) 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 Setting up and connecting

3.1 Installation requirements

The installation conditions are crucial to ensure that you can operate your appliance safely, efficiently and without problems.

- Observe all safety instructions.
- Consider the location and position in the room.

WARNING
Danger of fire due to incorrect positioning!
If the mains cable or plug touches the back of the appliance, the vibration can damage the mains cable or the plug resulting in a short circuit.

▶ Make sure the mains cable is not trapped under the appliance when you position the appliance.
▶ Stand the appliance so that it is not touched by connectors or main cables.
▶ Do not connect any appliances to sockets in the area of the back of the appliance.
▶ Do **not** place and operate multi-sockets/power distributors and other electronic devices (such as halogen transformers) at the back of the appliances.

WARNING
Fire hazard due to dampness!
If live parts or the mains lead become damp this may cause short circuits.

▶ The appliance is designed for use in enclosed areas. Do not operate the appliance outdoors or in areas where it is exposed to splash water or damp conditions.

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

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

3.1.1 Installation site

- Only set up and use the appliance in enclosed spaces.
- A dry and well-ventilated room is an optimum installation location.
- If the appliance is installed in a very damp environment, condensation may form on the appliance exterior. Always make sure there is good ventilation and aeration at the installation site.
- The more refrigerant there is in the appliance, the larger than room must be in which it is located. In rooms that are too small, a leak can product a flammable gas/air mixture. For every 8 g of refrigerant, the installation room must be at least 1 m^3 in size. Information on the refrigerant contained is given on the type plate inside the appliance.
- The floor on which the appliance stands must be horizontal and level.

3.1.2 Position in space

- Do not place the appliance in direct sunlight or near radiators or similar sources of heat.
- You can place the appliance directly next to an oven.
- If the appliance is placed directly next to an oven, the energy consumption may increase slightly. This is dependent on the service life and usage intensity of the oven.
- Always position the appliance with the rear directly against the wall, or with wall spacer brackets attached (see below) then with these directly against the wall.
- Use in hazardous areas is not permitted.

3.1.3 Insert under worktop

- You can slide the appliance under a worktop.

3.2 Appliance dimensions

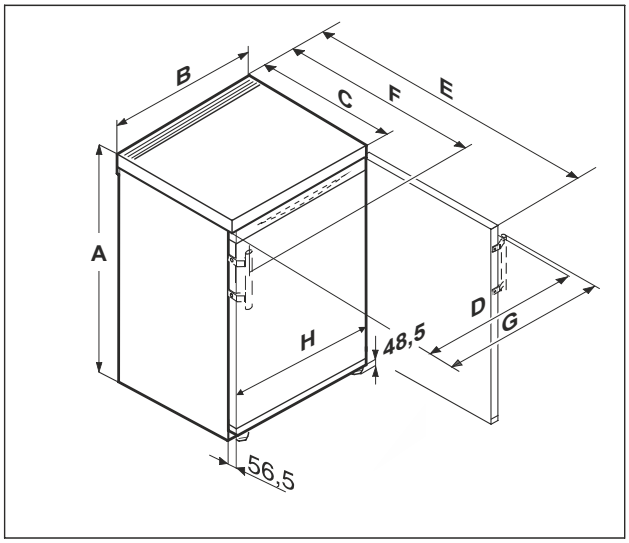


Fig. 2 Example illustration

F..16.. / FN..16..	
A (mm)	850
B (mm)	600
C (mm)	607[x]
D (mm)	595
E (mm)	1162[x]
F (mm)	648[x]
G (mm)	639

For appliances with a lever handle

[x] This dimension increases by 35 mm on appliances with attached wall spacer brackets. (see 3.8 Mounting wall spacers)

3.3 Ventilation requirements

NOTICE
Danger of overheating due to insufficient air ventilation!
The compressor may be damaged if there is insufficient air ventilation.

▶ Take care to ensure adequate air ventilation.
▶ Observe the ventilation requirements.

If the appliance is integrated into a kitchen unit, the following ventilation requirements must be observed:*

- As a general rule: the larger the ventilation cross section, the more energy the appliance will be able to save.*

3.4 Connection dimensions for the power supply

The connection to the power supply is on the rear of the appliance. To connect your appliance safely, ensure that the following requirements are met:

- ❑ Dimensions for the connection to the power supply are known and are adhered to. See table below.
- ❑ Connection to the power supply according to the instructions. (see 3.12 Connecting the appliance to the power supply)

3.5 Transporting the appliance

3.5.1 Transporting the appliance for initial use

Ensure that the following requirements are met:

- ❑ The appliance is packaged.
- ❑ The appliance is upright.

▶ Transport the appliance with the help of two people.
▶ Unpacking the appliance. (see 3.6 Unpacking the appliance)

3.5.2 Transporting the appliance after initial use

Observe the following instructions if you wish to transport or move the appliance again after initial use.

Ensure that the following requirements are met:

- ❑ The appliance is emptied.
- ❑ The appliance is upright.
- ❑ Appliance with door(s): Door is secured against accidental opening.
- ❑ Appliance with telescopic unit: The telescopic unit is secured against accidental opening.
- ❑ Appliance with adjustable feet: Adjustable feet are screwed in.

▶ Transport the appliance with the help of two people.

After transport:

▶ Unscrew the adjustable feet on the appliance.
▶ Align the appliance.

3.6 Unpacking the appliance

NOTICE
Risk of damage if the unit is moved!
If you move the unit across the floor without any protection, it may damage the floor.
▶ Make sure you cover the floor properly before removing the packaging from the unit.

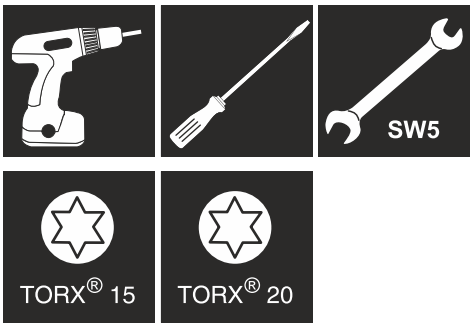
▶ Check the appliance and packaging: If you suspect that the goods have been damaged in transit, please contact the supplier before connecting them.

NOTICE
Damage to property caused by pointed or sharp objects!
Using pointed or sharp objects when removing packaging material may damage the appliance.
▶ Do not use any pointed or sharp objects to remove the packaging material.

▶ Remove the packaging materials.
▶ The appliance is positioned correctly: Remove the protective film from the door and side panels.

3.7 Swapping the door hinge side

Tool



WARNING
Danger of injury due to door falling out!
If the bearing parts are not screwed on tightly enough, the door may fall out. This can result in serious injuries. In addition, the door may not close with the result that the appliance does not cool properly.
▶ Screw on the bearing brackets/bearing pins tightly with 4 Nm.
▶ Check all screws and retighten them if necessary.

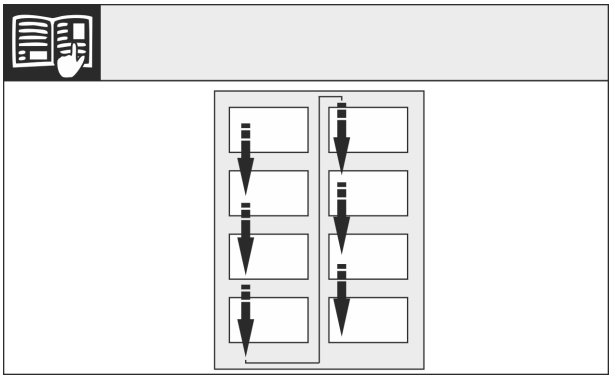


Fig. 3

Note the direction of reading.

3.7.1 Preparation

▶ Tilt the device backwards with two persons.

3.7.2 Loosen the lower bearing components

CAUTION
Danger of injury due to door tipping out!
If you remove the bolt on the door completely, the door may tilt out and you may injure yourself.
▶ Hold the door firmly before removing the bolt.

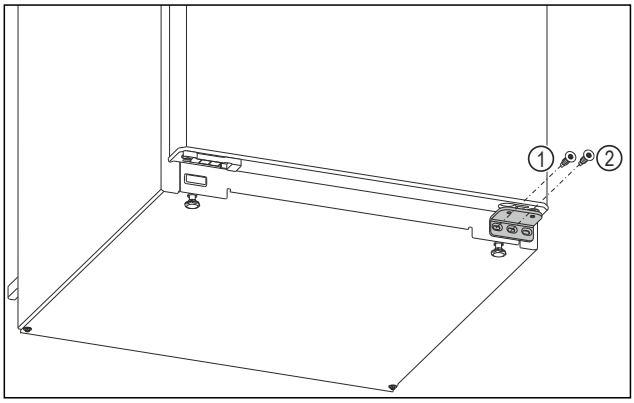


Fig. 4

▶ Unscrew the inner screw on the lower swap bearing block with a Torx 20 screwdriver. *Fig. 4 (1)*
▶ Unscrew the middle screw on the lower swap bearing block with a Torx 20 screwdriver. *Fig. 4 (2)*
▶ Put the screws aside.

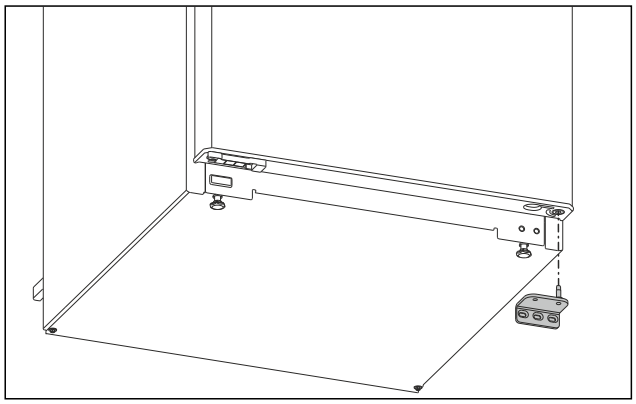


Fig. 5

▶ Remove the swap bearing block downwards. (see Fig. 5)
▶ Set the swap bearing block aside.

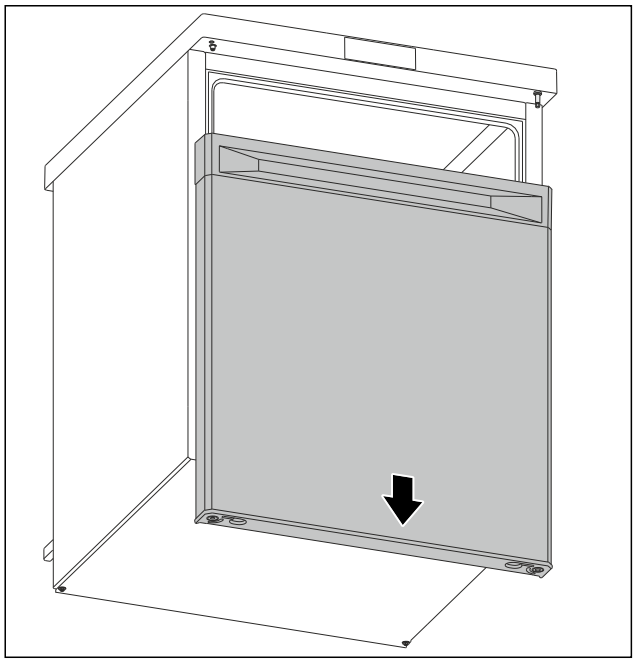


Fig. 6

▶ Remove the door downwards. (see Fig. 6)
▶ Set down the door.

3.7.3 Preparing the door

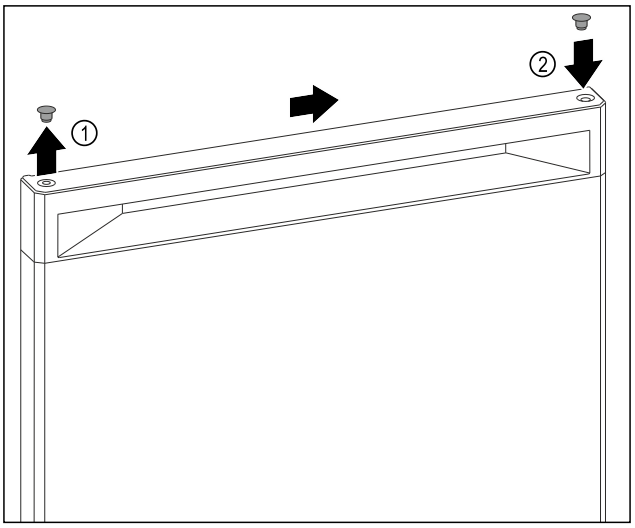


Fig. 7

▶ Carefully lift the cover plug on the top of the door *Fig. 7 (1)* with a slotted screwdriver.
▶ Insert the cover plug on the opposite side. *Fig. 7 (2)*

3.7.4 Re-locating the handle

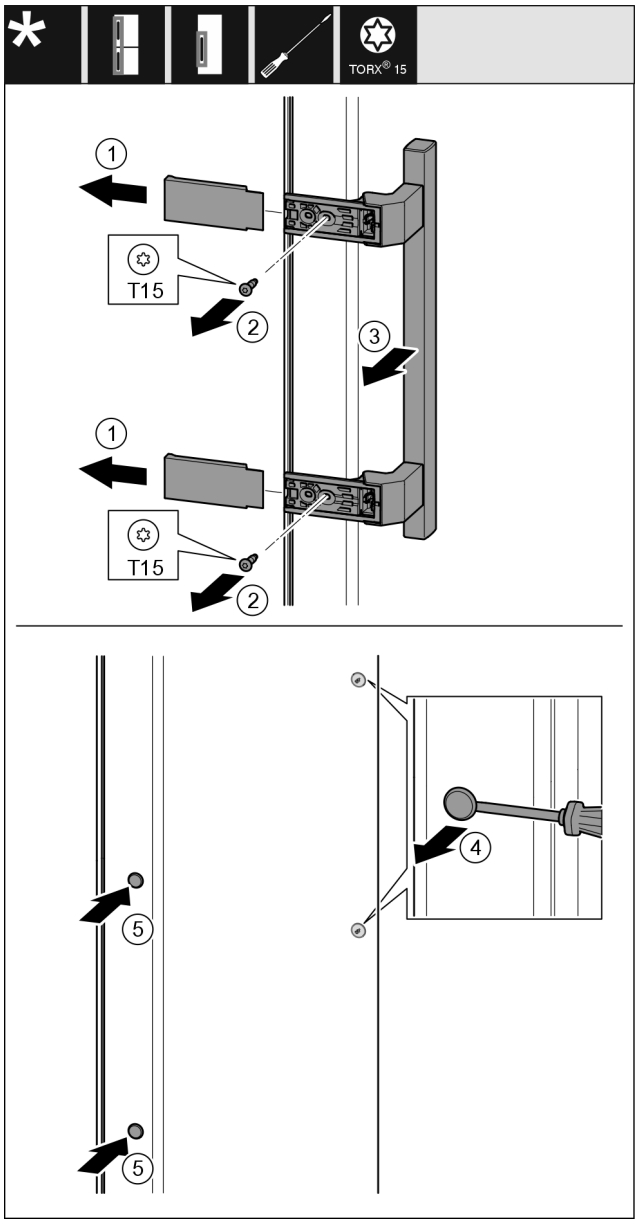


Fig. 8

- ▶ Pull off the cover. *Fig. 8 (1)*
- ▶ Unscrew the screws with a Torx 15 screwdriver. *Fig. 8 (2)*
- ▶ Take off the handle. *Fig. 8 (3)*
- ▶ Carefully lift the side plug with a slotted screwdriver and pull it out. *Fig. 8 (4)*
- ▶ Replace the plug on the other side. *Fig. 8 (5)*

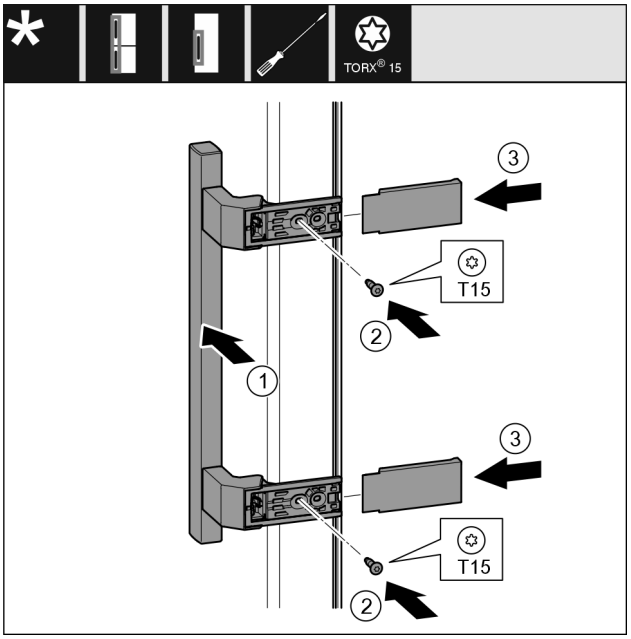


Fig. 9

- ▶ Attach the handle on the opposite side. *Fig. 9 (1)*
- ▷ The screw holes must be exactly on top of each other.
- ▶ Tighten screws with screwdriver T15. *Fig. 9 (2)*
- ▶ Place the covers on the side and push them on. *Fig. 9 (3)*
- ▷ Ensure that they latch into place.

3.7.5 Relocating the bearing components

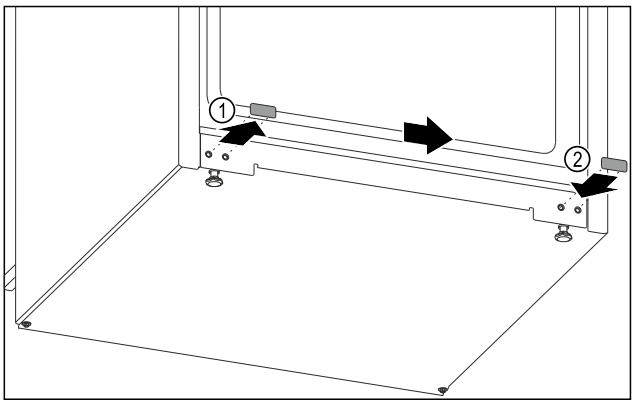


Fig. 10

- ▶ Carefully lift the cover plug at the bottom of the device with a slotted screwdriver.
- ▶ Pull out the cover plug. *Fig. 10 (1)*
- ▶ Insert the cover plug on the opposite side. *Fig. 10 (2)*

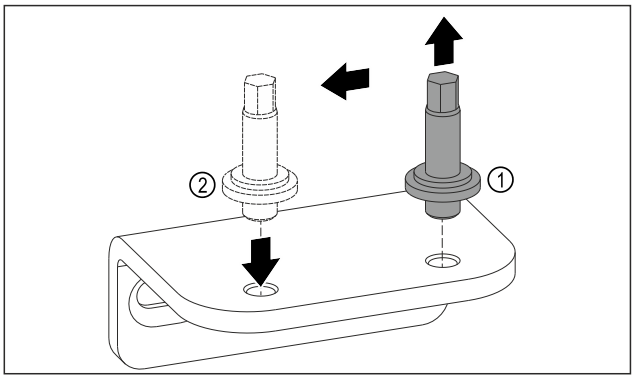


Fig. 11

- ▶ Unscrew the bolt of the lower swap bearing block with an Allen key AF5. *Fig. 11 (1)*
- ▶ Insert the bolt on the opposite side. *Fig. 11 (2)*
- ▶ Tighten the bolt with an Allen key AF5.

3.7.6 Relocating the upper bearing components

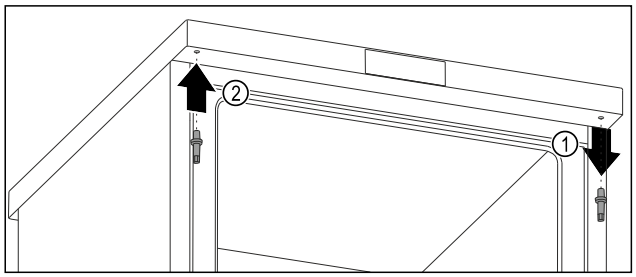


Fig. 12

- ▶ Unscrew the upper bolt with an Allen key. *Fig. 12 (1)*
- ▶ Tighten the bolt on the opposite side with an Allen key. *Fig. 12 (2)*

3.7.7 Fitting the door

WARNING

Danger of injury due to door falling out!
If the bearing parts are not screwed on tightly enough, the door may fall out. This can result in serious injuries. In addition, the door may not close with the result that the appliance does not cool properly.

- ▶ Screw the bearing brackets on firmly with 4 Nm.
- ▶ Check all screws and retighten them if necessary.

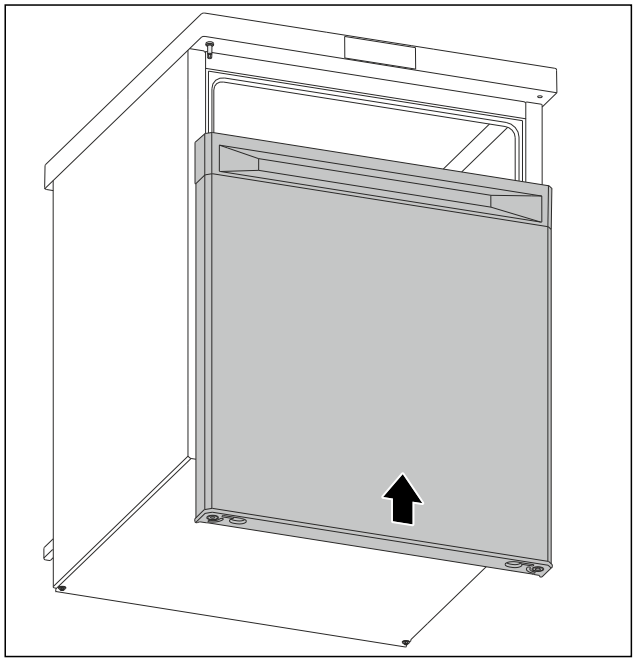


Fig. 13

- ▶ Slide the door onto the upper bolt in closed status. (see Fig. 13)

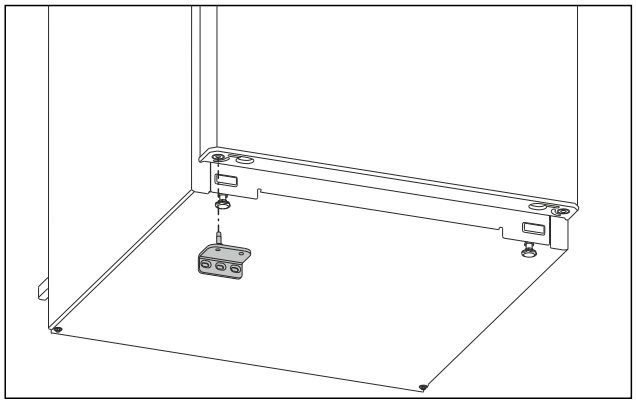


Fig. 14

- ▶ Insert the lower swap bearing block on the opposite side. (see Fig. 14)

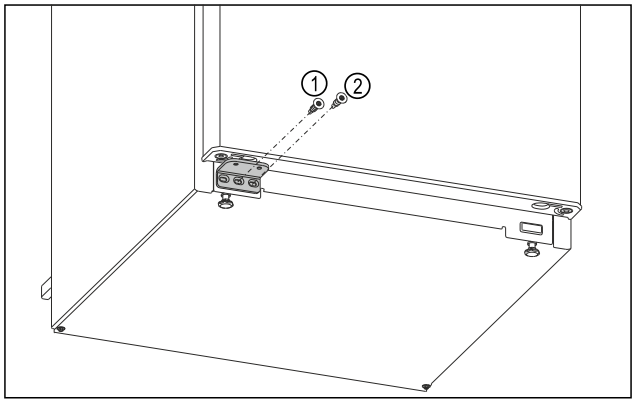


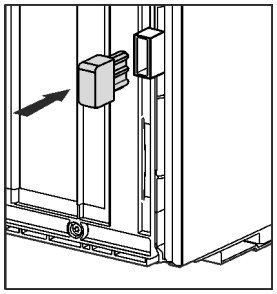
Fig. 15

- ▶ Tighten the middle screw of the swap bearing block *Fig. 15 (1)* with a Torx 20 screwdriver.
- ▶ Tighten the inner screw of the swap bearing block *Fig. 15 (2)* with a Torx 20 screwdriver.
- ▶ Check the door.
- ▷ The door hinge has been changed.

3.8 Mounting wall spacers

With wall spacers, your device achieves the declared energy consumption and no condensation forms in high ambient humidity. The device is fully functional without the spacer brackets, but its energy consumption will be slightly higher.

If you insert the wall spacers, then the device depth increases by approx. 35 mm.



- ▶ Appliance with enclosed wall spacers: Insert the wall spacers on the rear of the appliance at the bottom left and right.

3.9 Setting up the appliance

CAUTION

Risk of injury due to heavy appliance!

- ▶ Have two people transport the appliance to its installation site.

WARNING

Risk of fire due to short circuit!

- ▶ When you set the appliance up: do not kink, jam or damage the mains cable.
- ▶ The appliance must not be operated with a defective mains cable.

WARNING
Fire hazard and danger of damage!
▶ Do not place appliances emitting heat e.g. microwaves, toasters etc. on the appliance!

Ensure that the following conditions are met:

❑ Only move the device when it is not loaded.
❑ Only install the appliance with help.

▶ Remove the mains cable from the package.
▶ Plug the mains cable's IEC socket completely into the appliance plug on the back of the appliance. Ensure that the IEC socket is tight.
▶ Use a cord to lay the mains plug to a freely accessible socket if required.

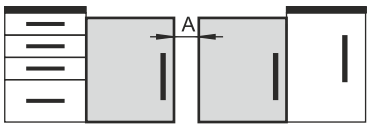
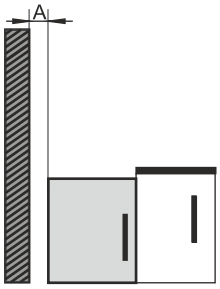
3.10 Installing multiple appliances

The appliances have been developed for different installation methods. If you wish to install several appliances next to each other or on top of each other, ensure that the following requirements are met:

❑ Only install appliances next to or on top of each other if they have been developed for this.
❑ Observe notices and the following table.

NOTICE
Risk of damage due to condensate!
▶ Do not place the appliance directly next to another cooling/refrigeration unit.

NOTICE
Risk of damage due to condensation!
▶ Do not place the appliance directly on top of another cooling/refrigeration unit.

Model	Installation method
All models	Standalone
Models with a model designation starting with **S...**	Side-by-Side (SBS)
Models without side wall heating	 **Next to each other:** Install with gap **A** of 100 mm between the appliances. If you do not comply with this gap, condensation will form on the side walls between the appliances.  **On an exterior wall:** Install with gap **A** as with installation next to each other. If you do not comply with this gap, condensation may form on the appliance's side wall.

Models and their installation method

3.11 After setting up

▶ Remove all transport safety fittings from the interior.

NOTICE
Damage to property caused by pointed or sharp objects!
Using pointed or sharp objects when removing packaging material may damage the appliance.
▶ Do not use any pointed or sharp objects to remove the packaging material.

▶ Remove protective films from the interior: Peel the film off flat along the surface of the component to minimise its adhesive force.
▶ Clean the appliance. (see 10.3 Cleaning the appliance)
▶ Note down the type (model, number), appliance name, appliance/serial number, date of purchase and retailer's address.

3.12 Connecting the appliance to the power supply

WARNING
Danger of electric shock and injury due to damaged appliance or damaged mains cable!
Danger of cuts and fatal injuries. If the appliance or the mains cable is damaged during transport, you may be electrocuted. You could also cut yourself on damaged parts of the appliance housing.
▶ Check the appliance and the mains cable for damage after transport.
▶ Never put the appliance into operation if the appliance or the mains cable are damaged.
▶ Contact Customer Service.

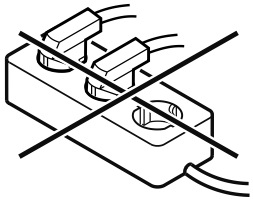
You can connect your appliance to the mains using the power cable supplied separately. The mains power cable has an appliance coupler at one end and a mains plug at the other end.

Make sure that the following requirements are fulfilled:

- The appliance and power cable are undamaged.
- The appliance is set up in accordance with the regulations. (see 3.8 Mounting wall spacers)
- Requirements for the electrical connection are met.
- Dimensions for connection in accordance with regulations are known and observed. (see 3.4 Connection dimensions for the power supply)
- Mains voltage and frequency correspond to the specifications on the type plate.
- The socket is earthed according to the regulations and fused.
- The fuse tripping current is between 10 A and 16 A.
- The socket is easily accessible and is not behind the appliance. (see 3.4 Connection dimensions for the power supply)

NOTICE
Danger of damage to incorrect operation!
Damage to the electrical components of the appliance.
▶ Only use the supplied mains cable.

WARNING
Danger of fire due to incorrect connection!
Burns.
Damage to the appliance.
▶ Do not use an extension cable.
▶ Do not use distributor blocks.



NOTICE
Danger of damage to incorrect connection!
Damage to the appliance.
▶ Do not connect the appliance to a stand-alone inverter, e.g. solar power systems and petrol generators.

▶ Connect the mains cable plug to the power supply. Ensure that the plug is tightly in the socket.
▷ The appliance is connected. For information regarding first use, see the following section or the operating instructions.

3.13 Disposing of packaging

WARNING
Danger of suffocation due to packing material and plastic film!
▶ Do not allow children to play with packing material.

The packaging is made of recyclable materials:
- corrugated board/cardboard
- expanded polystyrene parts
- polythene bags and sheets
- polypropylene straps
- nailed wooden frame with polyethylene panel*

▶ Take the packaging material to an official collecting point.

4 Functionality of the display

You operate your device with the touchbutton.

4.1 Navigation by touchbutton and symbol explanation

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

Symbol	Description
	**Touch the touchbutton with your finger briefly:** Navigate through main menu and submenu. If a number is shown on the hand: The number tells you how many times you have to touch the touchbutton briefly in succession to navigate to a particular function.
	**Touch the touchbutton with your finger for 3 seconds:** Switch on the device. In the main menu: Switch off the device. In the submenu: Switch to the main menu. Deactivate active function of the submenu.
	**Touch the touchbutton with your finger for 7 seconds:** In the main menu: Open the submenu.
	**Arrow with clock:** It takes more than 10 seconds for the following message to appear in the display.
	**Arrow with a time indication:** It takes the specified amount of time until the following message appears in the display.

Note
If you touch the touchbutton for **15 seconds**, then you open the service menu. You can recognise the service menu by the flashing of LED 5 and the WLAN LED. This menu is especially for service technicians.*
▶ Exiting the service menu: Touch the touchbutton for 3 seconds or perform no action on the display for 5 minutes.*

4.2 Menus

The device functions can be found in various menus.

Menu	Description
Main menu	When you switch the device on, you are automatically in the main menu. From here, navigate to device functions and the submenu.
Submenu	The submenu contains additional device functions for setting up your device.

4.2.1 Main menu

In the main menu, it is possible to activate/deactivate the following functions:

LED	Description
-16°C	Temperature -16 °C
-18°C	Temperature -18 °C
-20°C	Temperature -20 °C
-28°C	Temperature -28 °C
**	SuperFrost

Meaning of the LEDs in the main menu

4.2.1 Opening the submenu

When you switch the device on, you are automatically in the main menu.

If you are in the submenu and want to switch to the main menu:

▶ Carry out action steps (see 4.2.2 Exiting the submenu) .

4.2.1 Navigating in the main menu

If you navigate in the main menu, LED 5 is followed by LED 1 again.

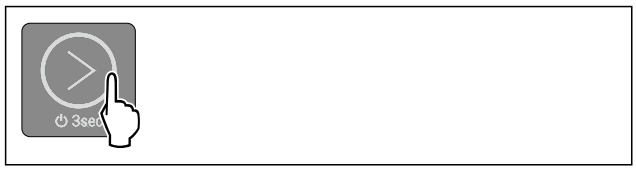


Fig. 16

▶ Touch the touchbutton briefly until the LED of the desired function lights up.

▷ Function is activated.

4.2.1 Sleep mode of the display

If you do not touch the touchbutton in the main menu for 10 seconds, the display switches to sleep mode. Sleep mode prevents you from adjusting the temperature by accidentally touching the touchbutton.

Ending sleep mode:

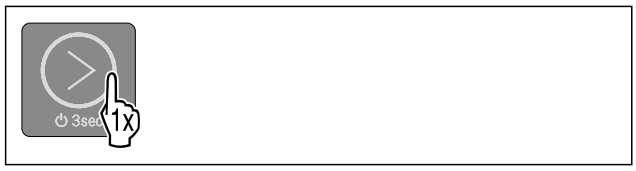


Fig. 17

▶ Briefly touch the touchbutton.

▷ Confirmation tone sounds.

▷ Set temperature flashes once.

▷ Sleep mode is ended.

4.2.2 Submenu

In the submenu, the following functions can be activated/deactivated:

LED	Description	LED position
-16°C	Input lock	LED 1
-18°C 3°C	SabbathMode Presentation light	LED 2 LED 2
-20°C	Resetting to factory settings	LED 3
-28°C*	Start defrosting cycle*	LED 4*

Meaning of the LEDs in the submenu

4.2.2 Opening submenu

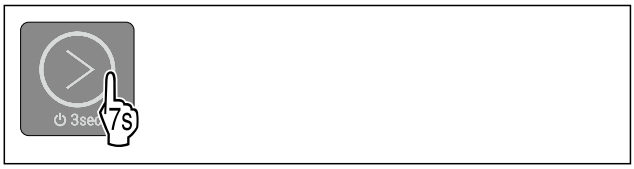


Fig. 18

▶ Carry out the steps as shown in the illustration until you hear a double confirmation tone after 7 seconds.

▷ LEDs 1-5 light up: You are in the submenu.

▷ If you do not perform any action on the display for 5 seconds, the display returns to the main menu.

4.2.2 Exiting the submenu

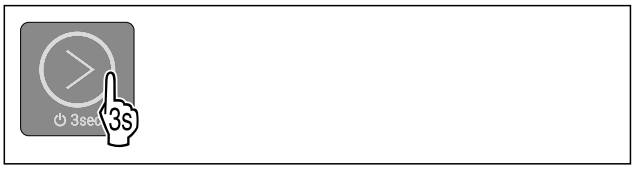


Fig. 19

▶ Carry out action steps according to the illustration.

-or-

▶ Do not touch the touchbutton for 5 seconds.

▷ You are in the main menu.

4.2.2 Navigating in the submenu

If you navigate in the submenu, LED 1 follows the LED of the last function in the submenu.

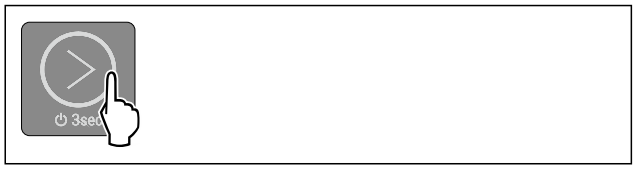


Fig. 20

▶ Touch the touchbutton briefly until the LED of the desired function lights up.
▷ After 5 seconds without interaction, selected function is automatically activated.

5 Putting into operation

5.1 Switching on device (first use)

Make sure that the following requirements are fulfilled:

❑ The device has been installed and connected in accordance with the installation instructions.
❑ All adhesive strips, adhesive and protective films and transport locks are removed from inside and on the device.
❑ All marketing leaflets are removed from the drawers.
❑ You are familiar with the functionality of the display. (see 4 Functionality of the display)

Switching on the device:

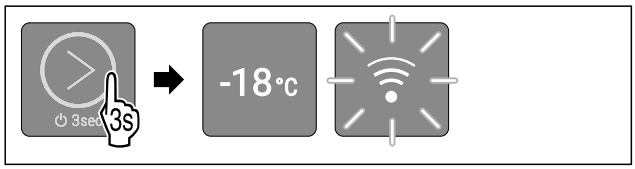


*Fig. 21 **

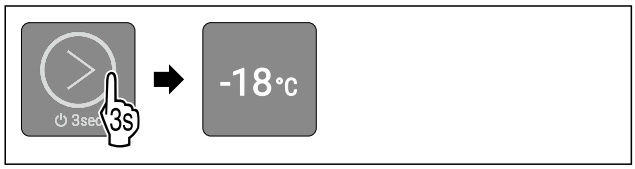


*Fig. 22 **

▶ Touch the touchbutton as shown in the illustration for 3 seconds until you hear the confirmation tone.
▷ The device is switched on.
▷ Interior lighting is activated.
▷ LED 2 lights up: Temperature is set to -18 °C at the factory.
▷ The device cools to the target temperature set at the factory.
▷ WLAN LED flashes: WLAN access point is open for 15 minutes. (see Establishing WLAN connection) *

Device starts in demo mode:
When the device starts in demo mode:
▶ Deactivating demo mode. (see Deactivating demo mode)

Display switches to sleep mode:
When the display switches to sleep mode:
▶ Briefly touch the touchbutton. (see 4.2.1 Sleep mode of the display)

More information:

- Start the SmartDevice. (see 2.3 SmartDevice*) and (see WLAN*) *

Note
The manufacturer recommends:
▶ **Store frozen foods** at -18 °C or colder.
▶ Observe the notes on storing food. (see 6.1 Information regarding storage)

Note
Accessories can be purchased from the Liebherr-Hausgeräte store at go.liebherr.com/47wtc4.

6 Storage

6.1 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:

- Package food properly.
- 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.

6.2 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.

6.2.1 Freezing food

Freezing quantity

The maximum amount of fresh food that you can freeze within 24 hours is specified on the type plate (see 11.5 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)

Appliance without NoFrost:*
▶ Activate SuperFrost if the amount of food you have to freeze is more than approx. 1 kg.*

Appliance with NoFrost:*
▶ Activate SuperFrost if the amount of food you have to freeze is more than approx. 2 kg.*

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

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

Arranging your food properly

CAUTION
Risk of injury due to broken glass!
Bottles and cans containing drinks may burst when being frozen. This applies particularly to sparkling drinks.
▶ Do not freeze bottles and cans containing drinks!

Arranging your food properly
On devices with NoFrost:* Place packaged food in the top drawer.* If possible, place food in the front of the drawer.*
On devices without NoFrost:* Place packaged food in the bottom drawer.*

6.2.2 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.

6.3 Storage times

Refer to the specified storage times as a guide.

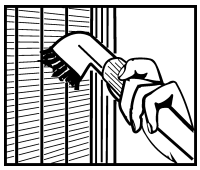
In the case of foods with a minimum shelf life, the date indicated on the packaging still applies.

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

7 Saving energy

- Pay attention to good ventilation. Do not cover ventilation holes or grids.
- Do not place the appliance in direct sunlight or near radiators or similar sources of heat.
- If the appliance is placed directly next to an oven, the energy consumption may increase slightly. This is dependent on the service life and usage intensity of the oven.
- Energy consumption depends on the installation conditions, e.g. the ambient temperature . A warmer ambient temperature can increase the energy consumption.
- Open the appliance for as short a time as possible.
- The lower the temperature is set the higher the energy consumption.
- Keep all food properly packed and covered. This prevents frost from forming.
- Inserting warm food: allow to cool down to room temperature first.
- If there is a thick layer of frost in the appliance: defrost the appliance.*

Dust deposits increase energy consumption:
- For refrigerators with heat exchangers dust the metal grid on the back of the appliance once a year.



8 Controls

8.1 Operating controls and display elements

The display provides a quick overview of the current status of the appliance, the temperature setting, the status of functions and messages.

You operate your appliance with the touchbutton.

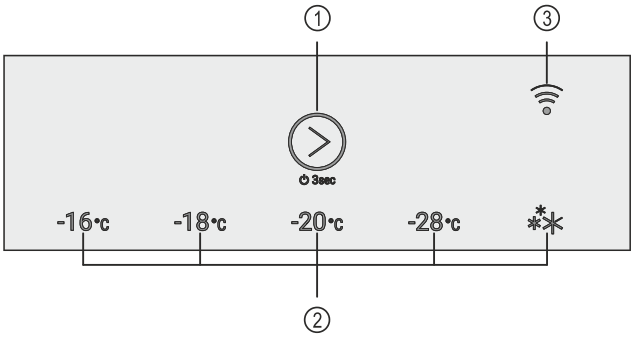


Fig. 23 Example illustration: Display

(1) Touchbutton (operating control)
(2) Temperature display/ Status indicator
(3) WLAN LED

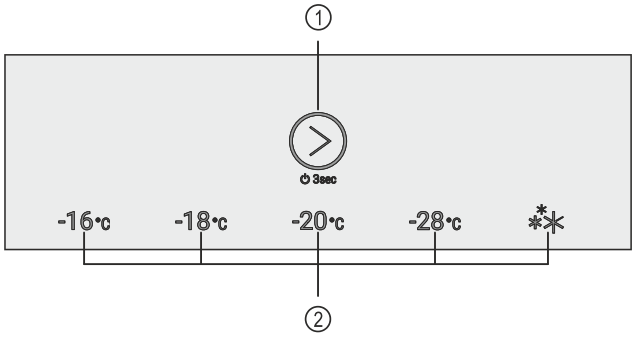


*Fig. 24 Example illustration: Display**

(1) Touchbutton (operating control)
(2) Temperature display/ Status indicator

8.1.1 Temperature display/Status indicator

The temperature display/status indicator consists of five LEDs:

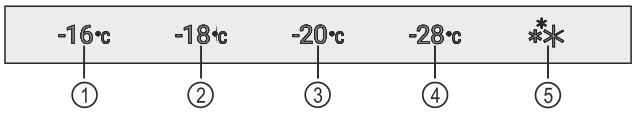


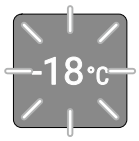
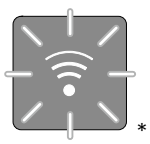
Fig. 25 Example illustration

(1) LED 1
(2) LED 2
(3) LED 3
(4) LED 4
(5) LED 5

The LEDs indicate temperature settings (see 4.2.1 Main menu) in the main menu and functions in the submenu (see 4.2.2 Submenu) .

8.1.2 LED behaviour

You can recognise the status of the device by the light up or flashing of the LEDs:

LED behaviour (example illustration)	Description
	**LED does not light up:** LED is not selected. Function is not active.
	**LED lights up:** LED is selected or function is active.
	**LED of the temperature display/ status indicator flashes:** LED flashes after a power failure or temperature alarm until set temperature is reached. **Several LEDs flash simultaneously:** An error has occurred. (see 8.3 Messages)
 *	**WLAN LED flashes:*** WLAN access point is open or WLAN connection is being established.*

LED behaviour

8.1.3 Audible signals

An audible signal sounds in the following cases:

Audible signal	Description
Confirmation tone	Sounds when the touchbutton is touched.
Alarm tone	Sounds when an error occurs. (see 8.3 Messages)
Error tone	Sounds when the touchbutton is touched, but the interaction is not possible.

8.2 Appliance functions

8.2.1 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 4 Functionality of the display)
- ❑ You have familiarised yourself with the operating and display elements of your appliance. (see 8.1 Operating controls and display elements)

Switching the appliance off and on

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

Switching off the device

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

Make sure that the following requirements are fulfilled:

- ❑ Handling instructions (see 12 Shutting down) are carried out.
- ❑ You are in the main menu. (see 4.2.2 Exiting the submenu)



Fig. 26

▶ Carry out the action steps according to the illustration until you hear the confirmation tone.
▷ LEDs of the display no longer light up.
▷ Interior lighting is deactivated.
▷ Device is switched off.

Switching on the device

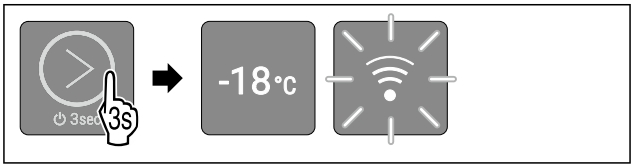


Fig. 27 Example illustration: On appliances with a built-in/ inserted SmartModule

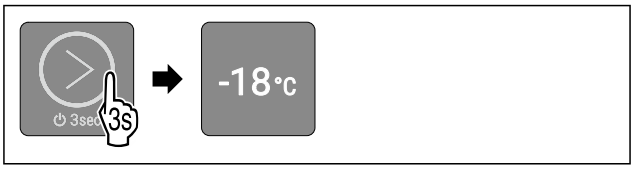


Fig. 28 Example illustration: On appliances without a SmartModule

*** Depending on model and options**

▶ Carry out the action steps according to the illustration until you hear the confirmation tone.
▷ The device is switched on.
▷ Interior lighting is activated.
▷ During first use: The appliance cools to the target temperature set at the factory.
▷ If the device has been in operation before: The appliance cools to the target temperature set previously.
▷ When using the device for the first time or if the device was not previously connected to the WLAN: WLAN access point is open for 30 minutes. (see Establishing WLAN connection) *
▷ If the device was previously connected to the WLAN: The device automatically connects to the WLAN.*

-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

Recommended setting: -18 °C

Setting the temperature

The function is located in the main menu on the positions of LEDs 1-4.

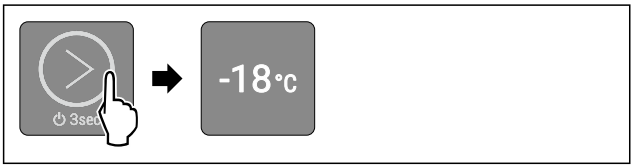


Fig. 31 Example illustration

▶ Briefly touch the touchbutton as shown until the desired temperature lights up.
▷ Temperature is set.
▷ The device cools to the target temperature 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 device.

Activating SuperFrost

The function is located in the main menu at the position of LED 5.

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)

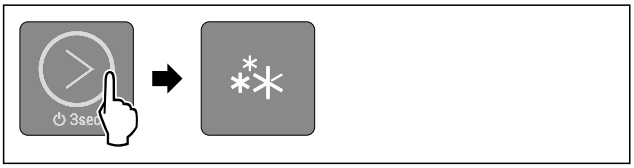


Fig. 33

▶ Briefly touch the touchbutton as shown until LED 5 lights up.
▷ LED 5 lights up: SuperFrost is activated.
▷ The device cools to the target temperature.

Deactivating SuperFrost

SuperFrost is automatically deactivated after 56 to 72 hours. However, you can also deactivate SuperFrost manually at any time by setting a temperature:

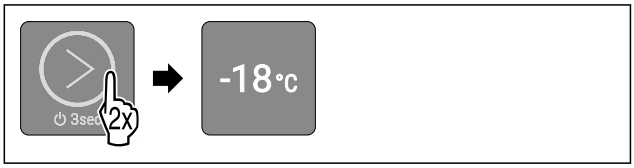


Fig. 34 Example illustration

▶ Briefly touch the touchbutton as shown until the desired temperature lights up.
▷ Temperature is set and SuperFrost is deactivated.
▷ The appliance continues to run in normal mode.
▷ The device cools to the target temperature set.

SabbathMode

With this function you activate or deactivate the 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
LEDs 1-5 light up.
All functions in the display are locked except for the **Deactivating SabbathMode function**.
Active functions remain active.
The interior lighting is deactivated.
Messages are not displayed.
There is no door alarm.
There is no temperature alarm.
The defrosting cycle operates only for the specified time, without consideration to the device consumption.
After a power failure, the device returns to SabbathMode.
The WLAN connection is disconnected.*

Device status

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

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

Activating SabbathMode

WARNING
Danger of food poisoning from spoiled food!
If you have SabbathMode activated and a power failure occurs, no message appears in the status display about the power failure. Once the power is restored, the appliance continues to operate in SabbathMode. The power failure may mean that food spoils and the consumption of this food could lead to food poisoning.
After a power failure:
▶ Do not consume food that was frozen and has thawed out.

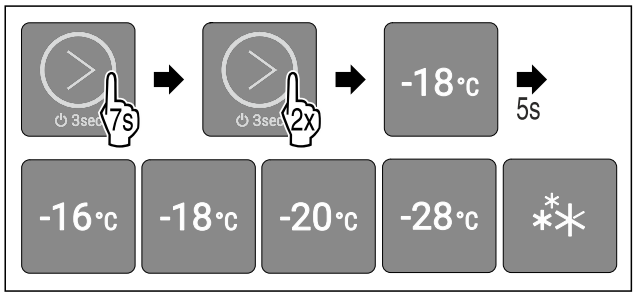


Fig. 35

▶ Carry out action steps according to the illustration.
▷ LED 2 lights up.
▷ After 5 seconds without interaction, SabbathMode is activated. LEDs 1-5 light up.

Deactivating SabbathMode

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

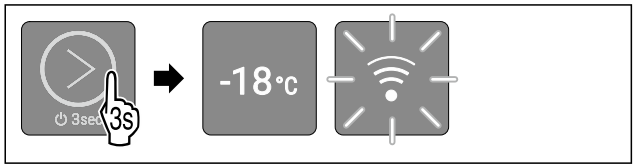


*Fig. 36 Example illustration depending on the previously set temperature**

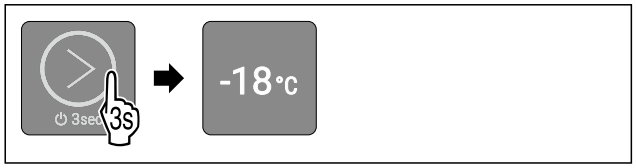


*Fig. 37 Example illustration depending on the previously set temperature**

▶ Carry out the action steps according to the illustration until you hear the confirmation tone.
▷ SabbathMode is deactivated.
▷ Interior lighting is activated.
▷ The device continues to run in normal mode. LED of the previously set temperature lights up.
▷ If the device was previously connected to the WLAN: The device automatically connects to the WLAN.*
▷ You are in the main menu.

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

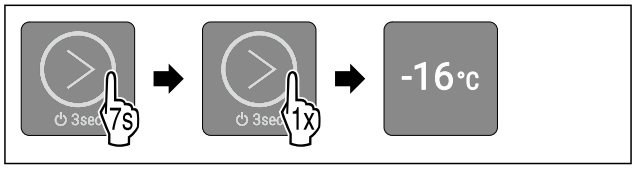


Fig. 38

▶ Carry out action steps according to the illustration.
▷ LED 1 lights up.
▷ After 5 seconds without interaction, input lock is automatically activated.

Deactivating the input lock

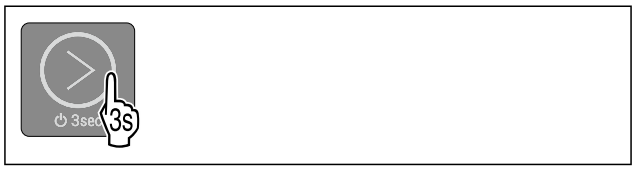


Fig. 39

▶ Carry out the action steps according to the illustration until you hear the confirmation tone.
▷ Input lock is deactivated.
▷ You are in the main menu.

WLAN*

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

To connect the device to the WLAN, the WLAN access point of the device must be open. If you are using the device for the first time, open the WLAN access point by switching on the device. If the device was already in operation without a WLAN connection, then open the WLAN access point by switching the device off and on again.

Make sure that the following requirements are fulfilled:

❑ SmartDevice app is installed (see apps.home.liebherr.com).
❑ Registration in the SmartDevice app is complete.

Switching on device (first use):

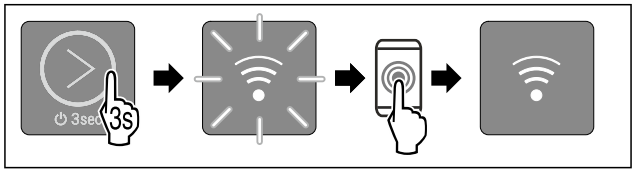


Fig. 40

▶ Switching on the device: Touch the touchbutton as shown in the illustration for 3 seconds until you hear the confirmation tone.
▷ The device is switched on.

▷ WLAN LED flashes: WLAN access point is open for 30 minutes.
▶ Connect the device to the WLAN via the SmartDevice app.
▷ If the device is connected to WLAN: WLAN LED lights up continuously.

Switch the device off and on again (device is already in operation):

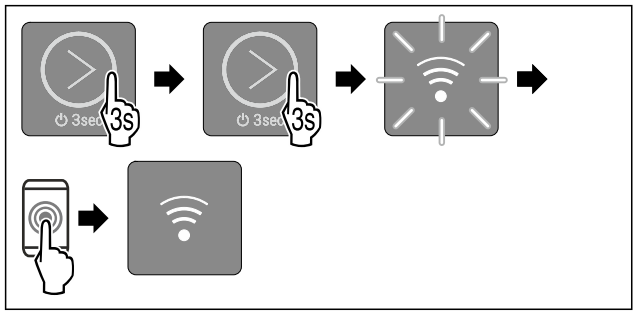


Fig. 41

▶ Switch off the device in the main menu: Touch the touchbutton as shown in the illustration for 3 seconds until you hear the confirmation tone.
▷ Device is switched off.
▶ Switching the device back on: Touch the touchbutton as shown in the illustration for 3 seconds until you hear the confirmation tone.
▷ The device is switched on.
▷ WLAN LED flashes: WLAN access point is open for 30 minutes.
▶ Connect the device to the WLAN via the SmartDevice app.
▷ If the device is connected to WLAN: WLAN LED lights up continuously.

Disconnecting the WLAN connection

To disconnect the WLAN connection, you must reset the entire device to factory settings.

▶ Carry out action steps. (see Resetting to factory settings)
▷ Device is reset.
▷ WLAN LED flashes: WLAN access point is open for 30 minutes.
▷ After 30 minutes, the WLAN connection is deactivated.

Resetting WLAN connection

To reset the WLAN connection, you must reset the entire device to factory settings.

▶ Carry out action steps. (see Resetting to factory settings)
▷ Device is reset.
▷ WLAN LED flashes: WLAN access point is open for 30 minutes.
▶ Reconnect the device to the WLAN. (see Establishing WLAN connection)

-or-

▶ Use the device without a WLAN connection.

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.

This function applies to NoFrost devices.*

Starting defrosting cycle

When you start the defrosting cycle, all functions except the **Cancelling defrosting cycle function** are disabled during the defrosting process.

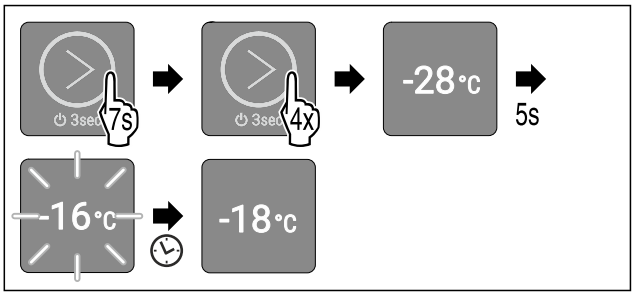


Fig. 42 Example illustration depending on the previously set temperature

▶ Carry out action steps according to the illustration.
▷ LED 4 lights up.
▷ After 5 seconds without interaction, the defrosting cycle starts. LED 1 flashes until defrosting cycle is automatically completed.
▷ When defrosting cycle is finished: The device continues to run in normal mode. LED of the previously set temperature lights up.
▷ You are in the main menu.

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:

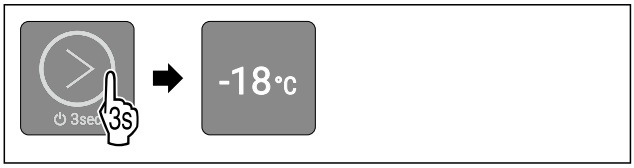


Fig. 43 Example illustration depending on the previously set temperature

▶ Carry out the action steps according to the illustration until you hear the confirmation tone.
▷ Defrosting cycle is cancelled.
▷ The device continues to run in normal mode. LED of the previously set temperature lights up.
▷ You are in the main menu.

Demo mode

Demo mode is a special feature for dealers who want to demonstrate device features. If you activate demo mode, all refrigeration functions are deactivated and you cannot open the submenu.

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

Activating demo mode

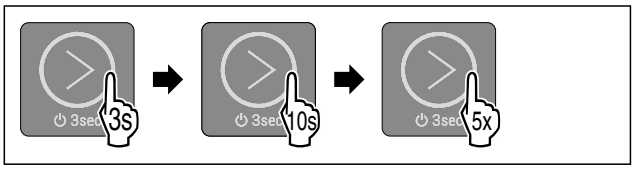


Fig. 44

▶ Touch the touchbutton as shown in the illustration for 3 seconds until you hear the confirmation tone.
▷ Device is switched off.
▶ Touch the touchbutton as shown in the illustration for 10 seconds until you hear the confirmation tone after 10 seconds.
▶ Briefly touch the touchbutton five times.
▷ All temperature LEDs light up twice for a short time: Demo mode is activated.
▷ Device is switched off.

▶ Switch on the device. (see Switching on the device)
▷ The device is in demo mode.

Deactivating demo mode

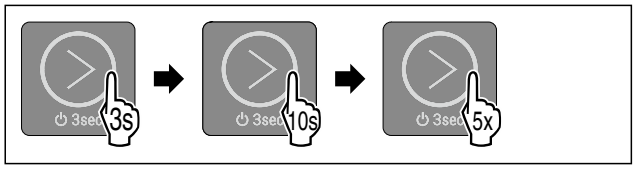


Fig. 45

▶ Touch the touchbutton as shown in the illustration for 3 seconds until you hear the confirmation tone.
▷ Device is switched off.
▶ Touch the touchbutton as shown in the illustration for 10 seconds until you hear the confirmation tone after 10 seconds.
▶ Briefly touch the touchbutton five times.
▷ All temperature LEDs light up briefly four times: Demo mode is deactivated.
▷ Device is switched off.
▶ Switch on the device. (see Switching on the device)

Resetting to factory settings

Use this function to reset all settings to factory defaults. All settings you have made so far (e.g. log-in data) are reset to their original settings.

Application:

- Reset device
- Resetting WLAN connection*

Performing a reset

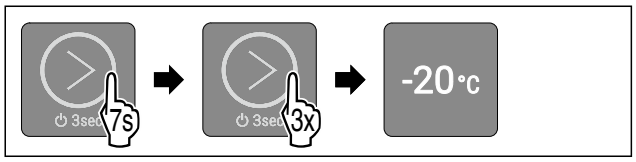


*Fig. 46 Example illustration**

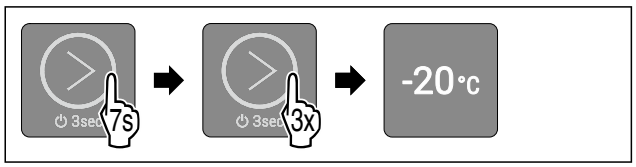


*Fig. 47 Example illustration**

▶ Carry out action steps according to the illustration.
▷ LED 3 lights up.
▷ After 5 seconds without interaction, the appliance is reset.
▷ Appliance is switched off.
▶ Switch on the appliance. (see 5.1 Switching on device (first use))
▷ Log-in data is reset.

8.3 Messages

Messages are indicated audibly by an alarm tone and visually by the LEDs flashing in the display. Different LEDs flash depending on the type of message.

You can end the following messages yourself. For all other messages, you must contact the customer service. (see 11.4 Customer Service)

Message	Cause	Exit the message
The alarm tone sounds at an ever-increasing volume. Interior lighting pulses. **Door alarm**	The message appears if the door is open for more than 60 seconds.	Carry out action steps (see Door alarm) .
LED 1-5 flash. Alarm tone sounds. Interior lighting pulses. **Power outage alarm**	The message appears when a power failure has occurred and the freezing temperature has changed.	Carry out action steps (see Power outage alarm) .
LED 1-5 flash. Alarm tone sounds. Interior lighting pulses. **Temperature alarm**	The message appears if the temperature does not correspond to the set temperature.	Carry out action steps (see Temperature alarm) .
LED 2, LED 4 and WLAN LED flash.* **WLAN error** *	The message appears if the device could not be connected to the WLAN or if the WLAN connection is interrupted.*	Carry out action steps (see WLAN error*) .*

Overview of messages

8.3.1 Ending messages

Door alarm



Fig. 49

▶ End alarm: Carry out action steps according to the illustration.

-or-

▶ Close the door.

▷ Alarm has ended.
▷ If the door is not closed: Message appears again after 3 minutes.

Power outage alarm

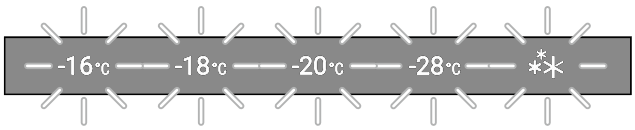


Fig. 50 Display in case of power failure



Fig. 51

▶ End alarm: Carry out action steps according to the illustration.
▷ The device continues to run in normal mode.

▷ LED of the previously set temperature flashes until temperature is reached.
▷ **LED flashes once per second:** Freezing temperature was below -9 °C during the power failure. Food can still be consumed.
▷ **LED flashes twice per second:** Freezing temperature has risen above -9 °C during the power failure.
When LED flashes twice per second:
▶ Check the food.

Temperature alarm

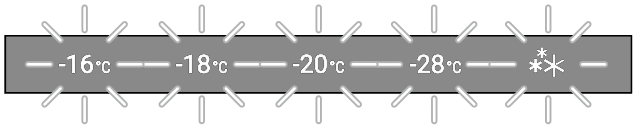


Fig. 52 Display in case of temperature alarm

Possible causes for temperature differences:
- 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 device is faulty.

▶ Eliminating causes.



Fig. 53

▶ End alarm: Carry out action steps according to the illustration.
▷ The device continues to run in normal mode.
▷ LED of the previously set temperature flashes until temperature is reached.
▷ **LED flashes once per second:** Freezing temperature was below -9 °C during the temperature alarm. Food can still be consumed.
▷ **LED flashes twice per second:** Freezing temperature has risen above -9 °C during the temperature alarm.
When LED flashes twice per second:
▶ Check the food.

WLAN error*

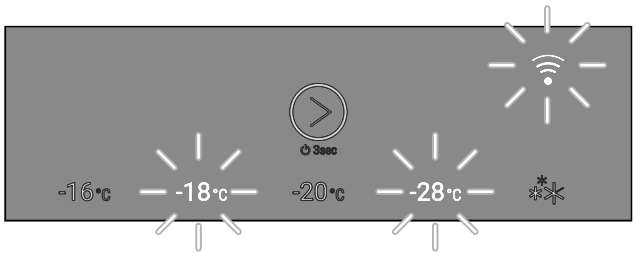


Fig. 54 Display in case of WLAN error

▶ Check WLAN connection.

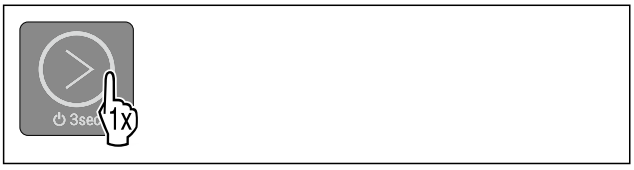


Fig. 56

▶ End alarm: Carry out action steps according to the illustration.

-or-

▶ Re-establish WLAN connection.

▷ The device continues to run in normal mode. LED of the previously set temperature lights up.

9 Features

9.1 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.

For appliances with NoFrost:*

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.*

For appliances without NoFrost:*

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.*

9.1.1 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

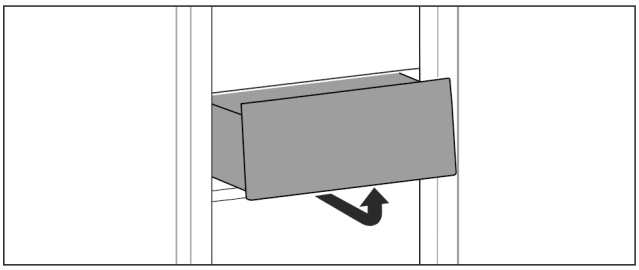


Fig. 57

▶ Remove drawer as shown in the illustration.

Inserting drawer

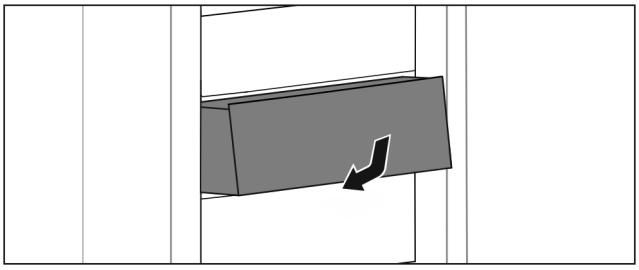


Fig. 58

▶ Insert drawer as shown in the illustration.

9.2 Glass shelves

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

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

9.2.1 Removing / inserting the glass shelf

Make sure that the following requirements are fulfilled:

❑ Glass shelf under the drawer: The drawer has been removed. (see 9.1 Drawers)

Removing glass shelf

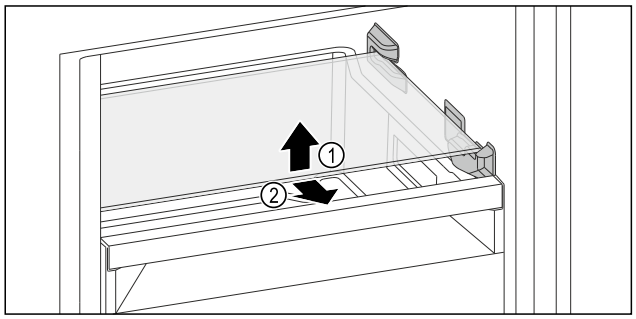


Fig. 59 Example illustration, glass shelf

▶ Lift the glass shelf forwards.
▶ Remove the glass shelf forwards.

Inserting glass shelf

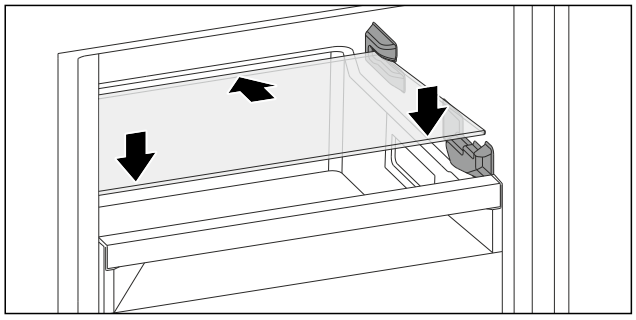


Fig. 60 Example illustration, glass shelf

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

9.3 VarioSpace

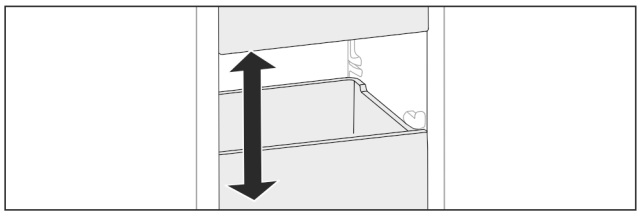


Fig. 61

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 11.1 Technical specifications) .

10 Maintenance

10.1 Disassembling / assembling pull-out systems

10.1.1 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

10.2 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.

10.2.1 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.

10.2.2 Manual defrosting*

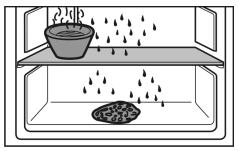
A layer of frost or ice forms after prolonged use.

The following factors promote the formation of frost or ice:

- The appliance is opened frequently.
- Hot food is put in.

One day before defrosting:

▶ Activate the SuperFrost. (see 8.2 Appliance functions)
▷ Frozen goods have a “residual coldness”.
▶ Switch the appliance off.
▶ Pull the mains plug out of the socket or switch the fuse off.
▶ Wrap the frozen produce in newspaper or blankets and store in a cool place.
▶ Place a pan of hot water (not boiling) on the middle shelf.



▷ This speeds up the defrosting process.
▶ Leave the appliance door open during defrosting.
▶ Remove loosened pieces of ice.
▶ Soak up the melted ice water with a sponge or cloth several times as necessary.
▶ Clean the appliance. (see 10.3 Cleaning the appliance)

10.3 Cleaning the appliance

10.3.1 Preparation

WARNING
Danger of electric shock!

▶ Remove the refrigerator connector or interrupt the power supply.

WARNING
Danger of fire!
▶ Do not damage the refrigeration circuit.

▶ Empty the appliance.
▶ Unplug the mains plug.

10.3.2 Clean the housing

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

WARNING
Risk of injury and damage as a result of hot steam!
Hot steam can lead to burns and can damage the surfaces.
▶ Do not use any steam cleaners!

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

10.3.3 Cleaning the interior

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

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

10.3.4 Clean the components

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

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

- Drawer

Wash in the dishwasher up to 60 °C:

- Ice cube tray*

▶ To disassemble components: see the relevant section.
▶ Clean the components.

10.3.5 After cleaning

▶ Wipe the appliance and the components dry.
▶ Connect and switch on the appliance.
▶ Activate SuperFrost (see 8.2 Appliance functions) .
The temperature is cold enough:
▶ Place the food inside.
▶ Repeat cleaning regularly.

11 Customer help

11.1 Technical specifications

Temperature range	
Freeze	-28 °C to -16 °C

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

Maximum loading weight for the equipment	
Equipment	
Drawer on glass shelf (see 9.1.1 Drawer on appliance base or glass shelf)	13 kg

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

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

11.2 Operating noise

The appliance makes different noises when it is on.

- At **higher temperatures** the appliance uses less energy but works for longer. It is **quieter**.
- With **high cooling capacity**, food is cooled more quickly. The sound is **louder**.

Examples:

- Functions on (see 8.2 Appliance functions)
- 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
Clicking	Components are switched on and off.	Normal switching noise
Rattling or humming	Valves or flaps are working.	Normal switching noise

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

11.3 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.

11.3.1 Appliance function

Defect	Cause	Remedy
The appliance is not working.	→ The appliance is not switched on.	▶ Switch the appliance on.
	→ The power plug is not properly plugged into the socket.	▶ Check the power plug.
	→ There is something wrong with the power outlet fuse.	▶ Check the fuse.
	→ Power cut	▶ Keep the appliance closed. ▶ Safeguarding food: Place cold packs on top of food or use another freezer if the power cut lasts longer. ▶ Do not re-freeze defrosted food,
	→ The IEC socket is not plugged into the appliance correctly.	▶ Check the IEC socket.
Temperature is not cold enough.	→ The appliance door is not closed properly.	▶ Close the appliance door.
	→ Not enough ventilation.	▶ Keep ventilation grille clear, and clean it.
	→ The ambient temperature is too high.	▶ Problem solution: (see 1.8 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 11.4 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.
Appliance functions SabbathMode, EnergySaver, SuperFrost or PartyMode cannot be activated.	→ TruAdapt is active. TruAdapt is a function that automatically optimises the device's operation and is always active in the background.	▶ Reactivate the functions after 1–2 hours.
The appliance is making more noise than usual, or the noise won't stop.	→ The appliance temporarily increases its cooling capacity to bring newly stored food up to the optimum storage temperature more quickly. Frequent opening of the door can also lead to louder noises. As a result, operating noise may be audible for a longer period of time. This is normal and does not indicate a fault. The additional cooling	▶ No action required. The appliance is working correctly.

Defect	Cause	Remedy
	helps to ensure food is stored in the best possible conditions.	
Frost on the drawers in the freezer compartment or in the freezer section	→ The appliance door has been opened frequently or left open for a long time. This allows more moist air to enter the appliance, which can condense as frost on the drawers. In this case, the automatic defrost function takes longer to remove the frost. This does not affect the storage of the food.	▶ Increase the temperature inside the appliance.
The door seal is defective or needs to be replaced for another reason.	→ The door seal can be replaced. It can be replaced without the need for special tools.	▶ Contact Customer Service. (see 11.4 Customer Service)
The appliance builds up too much ice or condensation.	→ The door seal may have slipped out of its groove.	▶ Check that the door seal is well fitted in the groove.
Concentrated collection of ice on inside face at centre of appliance cover.*	→ This build-up of ice is normal. Physical properties cause ice to build up inside the top of the appliance.	▶ Remove the ice with a scraper tool.

11.3.2 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 11.4 Customer Service)

11.4 Customer Service

First check whether you can rectify the fault yourself (see 11 Customer help) . If you cannot rectify the problem, contact Customer Service.

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

WARNING
Unprofessional repair!
Injuries.
- ▶ Have any repairs and action - not expressly specified - on the appliance and mains cable carried out by service personnel only. (see 10 Maintenance)
- ▶ A damaged mains cable may only be replaced by the manufacturer, the manufacturer’s Customer Service or a similarly qualified person.
- ▶ In the case of appliances with an IEC connector, the change may be made by the customer.

11.4.1 Contacting Customer Service

Make sure that the following appliance information is available:
- ❑ Appliance designation (model and index)
- ❑ Service no. (Service)
- ❑ Serial no. (S no.)

▶ Refer to the type plate for device information. (see 11.5 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.

11.5 Model plate

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

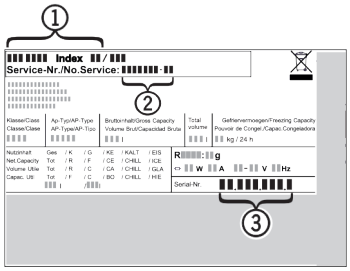


Fig. 62

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

▶ Note the data on the model plate.

12 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 10.3 Cleaning the appliance)
▶ Leave the door open, so that no unpleasant odours arise.

13 Disposal

Ensure that the following requirements are met:

❑ Meaning of the symbols on the appliance: are familiar.
❑ Notes on disposal are familiar. (see 1.6 Information concerning disposal)

13.1 Preparing the appliance for disposal

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

13.2 Disposing of the appliance in an environmentally friendly manner

WARNING
Risk of fire due to leaking refrigerant and oil!
The refrigerant inside the appliance is environmentally friendly, but flammable. The oil it contains is also flammable. Escaping refrigerant and oil can ignite in high concentrations and in contact with an external heat source.
▶ Do not damage the refrigerant circuit pipes or the compressor.

▶ Observe the notes on transporting the appliance. (see 3.5 Transporting the appliance)
▶ Remove the appliance without damaging it.
▶ Dispose of appliance according to specifications.

Scan QR Code and find digital operating and installation instructions.



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