

Instructions for use and installa- tion



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LIEBHERR

EN

ORIGINAL OPERATOR'S MANUAL

LIEBHERR

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

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

Open-source licenses:

The appliance includes software components that make use of open-source licenses. You can find information on the open-source licenses to be used here:

home.liebherr.com/open-source-licenses

These operating instructions apply to:

ICN(S).. 7603

Note

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

1 General Safety Instructions

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

If you hand the appliance on to someone else, give this user information to the next owner.

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 in it. The information is important and ensures that you install and operate the appliance safely and correctly.

1.1 Proper use

- This appliance is designed for use in a household and in similar areas of application, e. g.:
 - Staff kitchen areas in stores, offices and other work areas
 - In agriculture and in hotels, motels and other accommodation
 - Bed and breakfast locations
 - in catering and related wholesale use
- Other uses:
 - No other application types are permitted.

1.2 User group

- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or by persons lacking experience and knowledge, unless they are supervised or have been instructed in the safe use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- Children aged 3 to 8 years may load and unload the refrigerator/freezer.

1.3 Hazards – Warnings for the User

- **WARNING:** Keep ventilation openings in the appliance housing or built-in structure free from obstructions.
- **WARNING:** Do not use mechanical devices or other means to accelerate defrosting other than those recommended by the manufacturer.
- **WARNING:** Do not damage the refrigerant circuit.
- **WARNING:** Do not operate electrical appliances inside the refrigerator/freezer compartment unless they are of a type recommended by the manufacturer.
- **WARNING:** When setting up the appliance, make sure that the power cord is not jammed in or damaged.
- **WARNING:** Do not position portable multiple sockets or power adapters on the rear of the appliance.

After the appliance has been installed, it must still be possible to disconnect the appliance from power.

- Accessible power plug (located above, below, or beside the appliance)
- Triggering a fuse or circuit breaker in the building installation in accordance with installation regulations.



WARNING: Fire hazard/fire-hazardous materials.

You can find the symbol on the compressor and it may also be on other places on the appliance. It indicates a hazard due to flammable materials. Do not remove the label.

- The more refrigerant there is in the appliance, the larger the room in which the appliance is installed must be. If the room is too small, a flammable gas/air mixture may

General Safety Instructions

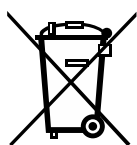
form in the event of a leak. Per 8 g refrigerant, the installation space must be at least 1 m³ in size. Information on the refrigerant contained can be found on the type plate inside the appliance.

- Regularly clean the surfaces that come into 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 refrigerator/freezer is to remain empty for an extended period, switch off the appliance, defrost it, clean and dry it, and leave the door open to prevent mold growth.
- Avoid prolonged skin contact with cold surfaces or chilled goods. For protection, wear e.g. gloves.
- Make sure that alcoholic beverages or other containers with alcohol are stored tightly sealed. Any leaking alcohol may be ignited by electrical components.
- Only open the door for a short time. This helps you prevent the temperature from increasing in the appliance's interior.
- Do not reach between the door and the appliance when opening and closing. Fingers may get jammed in.
- Do not place any objects in the front area of the bottom glass shelf to ensure that the appliance door closes properly. (see 6.2 Fridge compartment) (see 9.1 Door racks)
- WARNING: Secure the appliance as described in the operating instructions to prevent hazards caused by insufficient stability.
- Observe instructions on installation, securing and the required dimensions and connections. (see 3 Setting up and connecting)

1.4 Faults, damage and repairs

- Power connection with IEC appliance coupler: If the power cord of this appliance is damaged, it must be replaced with a special replacement cord available from the manufacturer or its customer service department. The customer may replace the cord himself/herself.
- Repairs and work on the appliance are only to be undertaken by customer service or other trained specialists.
- Pull the power plug or switch off the fuse in the event of faults and appliance errors. Always hold it by the plug when pulling out the power plug. Do not pull on the cord.

1.5 Disposal Instructions



The crossed-out wheeled bin symbol indicates that the appliance must not be disposed of with unsorted municipal waste and must be collected separately for disposal. It contains valuable materials that may be reused or recycled.



The symbol may be on the compressor. It relates to the oil in the compressor and indicates the following danger: **May be fatal if swallowed and if it enters the respiratory tract.** This note is only important for recycling. There is no danger in normal operation.



This or a similar label 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 note is only important for recycling. Do not remove the label.

- End-of-life appliances must be disposed of properly in accordance with all applicable local regulations and

legislation. During transport for disposal, do not damage the refrigeration circuit on the appliance being disposed of to prevent the refrigerant (see the type plate for details) and the oil from escaping uncontrollably.

- Please note that deleting any personal data stored on the appliance is the customer's responsibility.
- For Germany: Dispose of the appliance of free of charge at local recycling centers using the class 1 collection containers. When purchasing a new refrigerator or freezer from a retailer with a sales area exceeding > 400 m², the old appliance will also be accepted free of charge.
- EU: Please contact your local authorities for information on the disposal of end-of-life appliances.

1.6 Conformity

The refrigerant circuit has been tested for leaks. In installed state, the appliance complies with the relevant safety regulations as well as the corresponding directives.

For the EU market:	The appliance complies with Directive 2014/53/EU.
For the GB market:	The appliance complies with Radio Equipment Regulations 2017 SI 2017 No. 1206.

The complete text of the EU Declaration of Conformity is available online at: www.Liebherr.de

1.7 Climate classes

The appliance is designed for operation at limited ambient temperatures depending on climate class. The climate class that applies to your appliance is printed on the type plate.

Note

- To ensure flawless operation, observe the specified ambient temperatures.

Climate class	for ambient temperatures of
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

1.8 SVHC substances in accordance with the REACH Regulation

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

1.9 EPREL Database

- Information on energy consumption labeling and eco-design requirements has been available in the European Product Database (EPREL) since March 1, 2021. Use the following link to access the product database <https://eprel.ec.europa.eu/>. There, you will be prompted to enter the model ID. You can find the model ID on the type plate.

1.10 Open-source licenses

- The appliance includes software components that make use of open-source licenses. You can find information about the open-source licenses to be used here: home.liebherr.com/open-source-licenses

1.11 Spare parts

- Spare parts for functional and storable parts of the equipment are available for 15 years.

1.12 Warning levels

 DANGER	Indicates an immediately dangerous situation with, if not avoided, potentially fatal consequences, or which might result in severe injuries.
 WARNING	Indicates a dangerous situation with, if not avoided, potentially fatal consequences, or which might result in a severe injury.
 CAUTION	Indicates a dangerous situation, which, if not avoided, might result in minor or medium injuries.
ATTENTION	Indicates a dangerous situation, which, if not avoided, might result in property damage.
Note	Refers to useful information and tips.

2 The appliance at a glance

2.1 Delivered contents

Check all parts for transport damage. If you have any complaints, please contact the retailer or customer service. (see 11.4 Customer Service)

Delivery contains the following parts:

- Integrated appliance
- Equipment (depending on your model)
- Installation parts (depending on your model)
- "Quick Start Guide"
- "Installation Guide"
- Service brochure

2.2 SmartDevice

SmartDevice is the networking solution for your fridge-freezer.

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

SmartDevice-compatible appliance:

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

More information about SmartDevice: smartdevice.liebherr.com

Purchase the SmartDeviceBox in the Liebherr-Hausgeräte store: home.liebherr.com/shop/de/deu/smartdevicebox.html

Downloading the SmartDevice app:



After you have installed and configured the SmartDevice app, you can connect your appliance to your WLAN using your SmartDevice app the WLAN device function (see WiFi).

Note

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

You cannot use the SmartDeviceBox.

3 Setting up and connecting

3.1 Installation conditions

The installation conditions are crucial to ensure that you can operate your appliance safely, efficiently, and trouble-free.

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



WARNING

Danger of fire due to incorrect positioning!

If the power supply cable or plug touches the back of the appliance, the vibration can damage the power supply cable or the plug resulting in a short circuit.

- Make sure the power supply cable is not trapped under the appliance when you position the appliance.
- Install the appliance so that it does not touch any plugs or power cables.
- Do not connect any appliances to sockets in the area of the back of the appliance.
- Do **not** place and operate power strips/power distributors and other electronic devices (such as halogen transformers) at the back of the appliances.



WARNING

Risk of fire due to moisture!

If live parts or the power cord get wet, this can cause a short circuit.

- The appliance is designed for use in enclosed spaces. Do not operate the appliance in open space or in damp areas or where there is spray.

Setting up and connecting



WARNING

Risk of fire due to escaping refrigerant and oil! The refrigerant inside the appliance is environmentally friendly, but flammable. The oil used is also flammable. If the refrigerant and oil escape in high concentrations and come into contact with an external heat source, they can ignite.

► Avoid damaging the refrigerant lines and compressor.

3.1.1 Installation location

- Only set up and used the appliance in enclosed spaces.
- Only operate the appliance in installed condition.
- If the appliance is set up in a very humid environment, condensation may form on the outside of it. Always ensure good ventilation at the installation location.
- The more refrigerant there is in the appliance, the larger the room in which the appliance is installed must be. If the room is too small, a flammable gas/air mixture may form in the event of a leak. Per 8 g refrigerant, the installation space must be at least 1 m³ in size. Information on the refrigerant contained can be found on the type plate inside the appliance.
- The floor at the installation location must be horizontal and level.

3.1.2 Position in the space

- Do not install the appliance in an area with direct sunlight, next to a heating unit or similar.
- You can install the appliance directly next to an oven.
- If you install the appliance directly next to an oven, its energy consumption may increase slightly. This depends on the service life and how often the oven is used.
- Only fit the appliance into stable, solid cabinets.
- Use in potentially explosive atmospheres is not permitted.

3.1.2 Ventilation requirements

NOTICE

Covered vents!

Damage. Appliance can overheat, which can reduce the service life of various parts of the appliance and lead to functional impairments.

- Always ensure good ventilation.
- Always keep vents or ventilation grills in the appliance housing and in the kitchen structure (built-in appliance) unobstructed.
- Never block air vents of the fan.

Comply with the ventilation gaps:

- The depth of the ventilation shaft at the back of the cabinet must be at least 38 mm.
- At least 200 cm² is required for the ventilation gap cross sections in the plinth and the housing cabinet.
- Basically, the larger the ventilation cross-section, the more efficiently the appliance will run.

Sufficient ventilation is required for the operation of the appliance. The ventilation grids provided ensure an effective ventilation cross-section on the appliance of 200 cm². If you replace the ventilation grids with a cover plate the ventilation cross-section must be as least as large as the ventilation grid provided by the manufacturer.

3.2 Weight of cabinet fronts

NOTICE

Risk of damage due to a heavy cabinet front!

If the cabinet front is too heavy, the hinges may be damaged with the potential of malfunctions.

- Before installation, check the permissible weight of the cabinet front and do not exceed it.

Recess height (mm)	Maximum weight of the cabinet front (kg)	
	Fridge section door	Freezer section door
1940	21	16

Combinations 700 mm width

3.3 Transporting the appliance

3.3.1 Transporting the appliance for initial installation

Make sure that the following requirements are fulfilled:

- ☐ Appliance is packaged.
- ☐ The appliance is upright.
- Have two people transport the appliance.
- Unpack the appliance. (see 3.4 Unpacking the appliance)

3.3.2 Transporting the appliance after initial installation

Observe the following instructions if you want to transport or move the appliance after initial installation.

Make sure that the following requirements are fulfilled:

- ☐ Appliance is empty.
- ☐ The appliance is upright.
- ☐ Appliance with door(s): The door is secured against undesired opening.
- ☐ Appliance with pull-out cart: The pull-out cart is secured against undesired opening.
- ☐ Appliance is unpacked.
- Have two people transport the appliance.

3.4 Unpacking the appliance

NOTICE

Risk of damage due to the appliance moving!

When moving the appliance on the floor without protection, the appliance may damage the floor.

- Sufficiently cover the floor before removing the appliance's packaging.

- Inspecting the appliance and packaging: If you suspect transport damage, contact the supplier before connecting the appliance.

NOTICE

Risk of property damage from pointed or sharp objects!

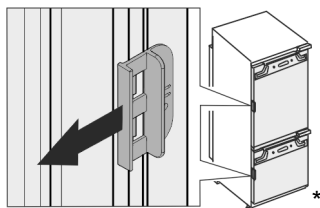
Using pointed or sharp objects to remove packaging materials may damage the appliance.

- Do not use pointed or sharp objects to remove packaging materials.

- Remove the packaging materials.

3.5 Removing the transport retainer

- Pull off the transport safety from the appliance door.



3.6 Explanation of the symbols used

	There is a risk of injury when performing this step! Observe the safety instructions!
	The instructions apply to several models. Only do this step if it applies to your appliance.
	Please refer to the detailed description in the text section of the instructions for installation.
	This section applies either to a single-door appliance or a two-door appliance.
	Choose between the alternatives: Appliance with door hinge on the right or appliance with door hinge on the left.
	Installation step necessary for IceMaker and/or InfinitySpring.
	Only loosen the screws or slightly tighten them.
	Tighten the screw.
	Check whether the following step is necessary for your model.
	Check to ensure the right installation/the correct fit of the components used.
	Re-measure the specified dimension and correct if necessary.
	Tools for installation: Measuring rod

	Tools for installation: Electric screwdriver and insert We recommend a longer bit insert to reach the screws better.
	Tools for installation: Level
	Tools for installation: Open-end wrench with wrench sizes 7 and 10
	Two people are required for this step.
	This step is performed at the marked spot on the appliance.
	Aids needed for installation: String
	Aids needed for installation: Angular measure
	Aids needed for installation: Screwdriver
	Aids needed for installation: Scissors
	Aids needed for installation: Marker, erasable
	Enclosure: Remove components
	Properly dispose of components no longer needed.

3.7 Reversing the door

Tool

Setting up and connecting

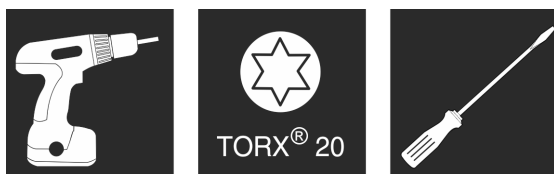


Fig. 1

NOTICE

Live parts!

Damage to electrical components.

- Pull the power plug before changing the door hinges.

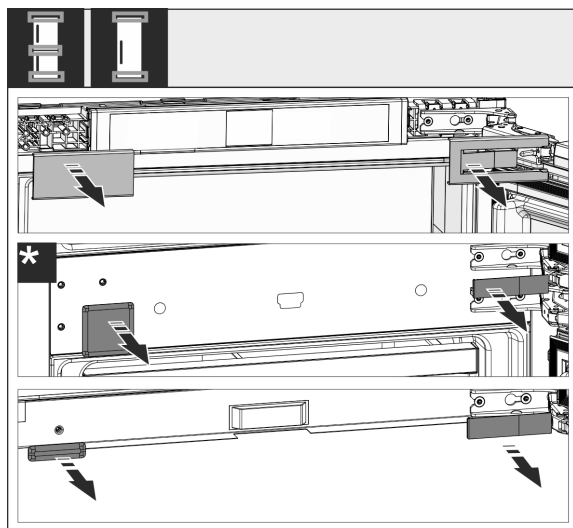


Fig. 2

- Remove covers.

Note

When removing the covers, make sure that the surface is not scratched.

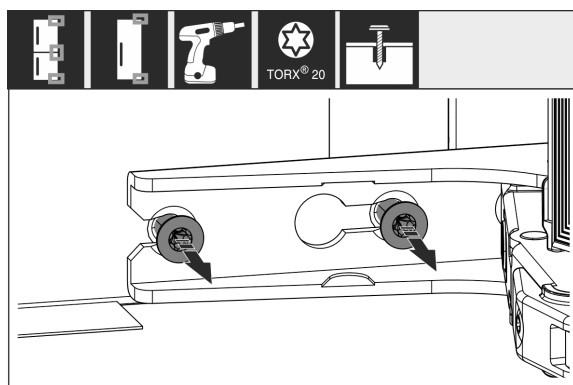


Fig. 3

- Loosen the screws on **all** hinges but do not remove them.

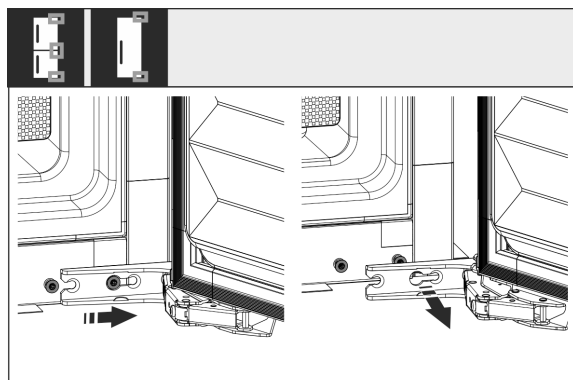


Fig. 4

- Remove the door: Push the door forward and then out, unhook it and put it to one side.

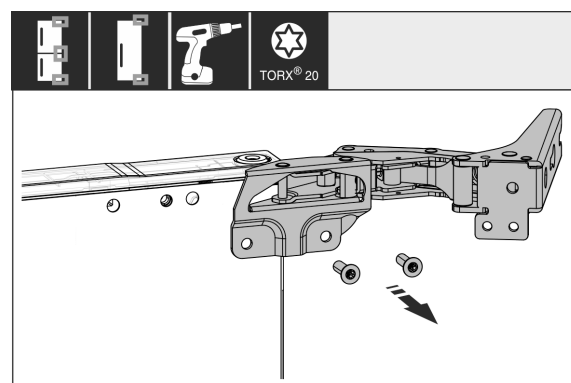


Fig. 5

- Unscrew all hinges and set aside together with the screws.

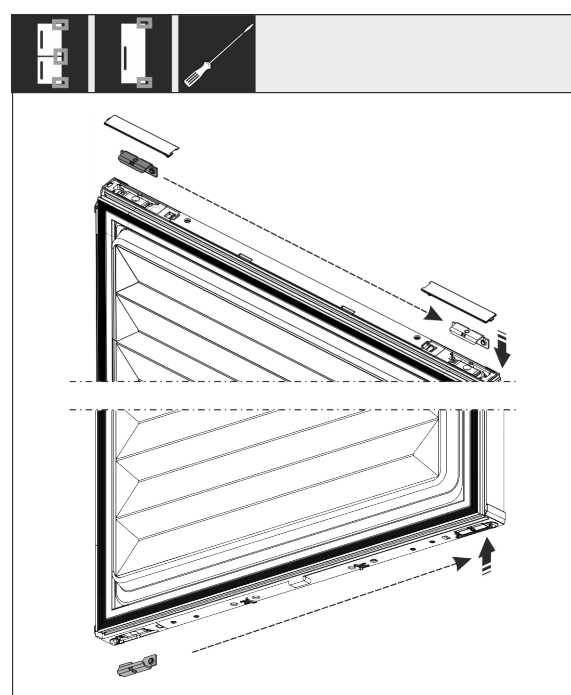


Fig. 6

- Loosen and shift the bracket at the top and bottom of the door. The bracket must be shifted so you can screw on the hinges.

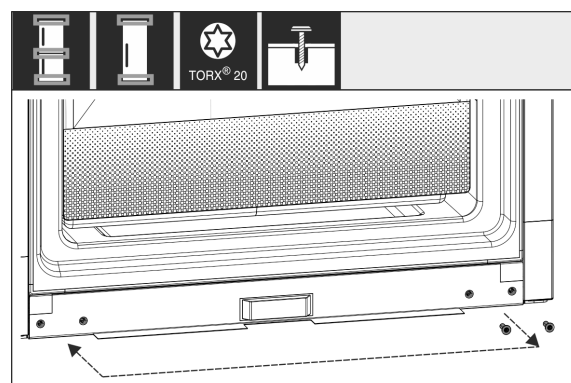


Fig. 7

- Shift the screws to fasten the hinge. Do not screw tightly after shifting – you need to hang the hinges later.

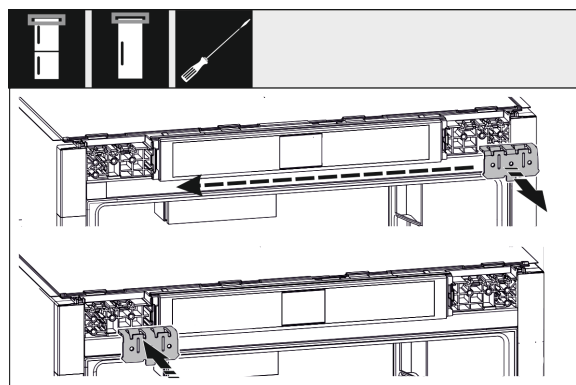


Fig. 8

- Swap the fixing bracket to the opposite side.

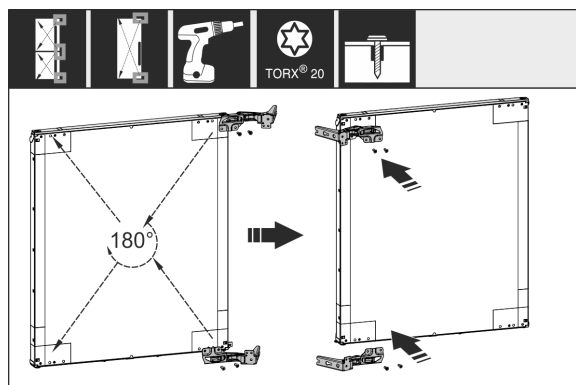


Fig. 9

- Turn all hinges 180° to the opposite side and screw firmly.

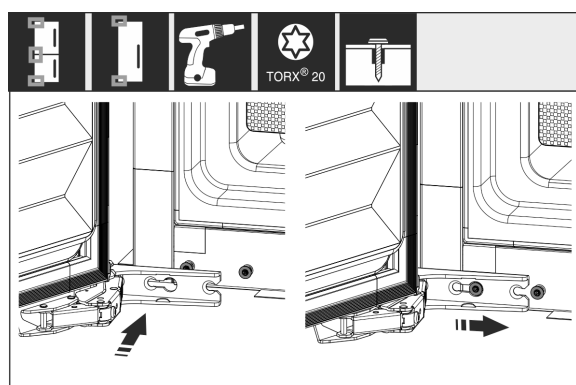


Fig. 10

- Refitting the door: Hang the door with its hinges and tighten the screws.
- Check all screws and retighten if necessary.

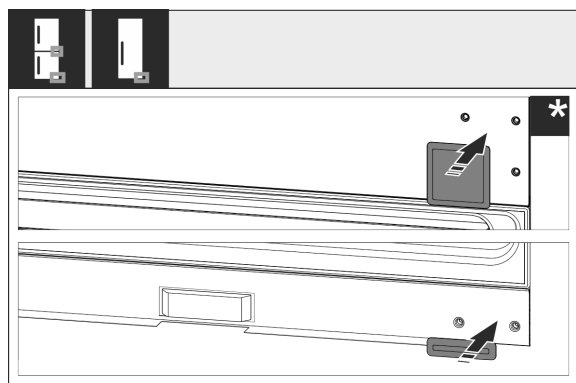


Fig. 11

- Reassemble the bottom and center cover. Only replace the remaining covers after installing the appliance back into the cabinet.

3.8 Setting up several appliances

The appliances were developed for different installation options. If you want to install several appliances side by side or on top of each other, make sure that the following requirements are met:

- ❑ Only install those appliances side by side or on top of each other that were developed for the purpose.
- ❑ Observe the instructions and the following table.

NOTICE

Risk of damage caused by water condensate!

- Do not set up the appliance next to another refrigeration/freezer unit.

NOTICE

Risk of damage from condensation!

- Do not set up the appliance directly above another refrigeration/freezer unit.

Model	Installation type
All models	individually
Models with a model designation that starts with S...	Side-by-side (SBS)
Models up to a maximum recess height of 880 mm and with heated ceiling can be "set up" on top of each other. Top appliance up to a maximum recess height of 140 mm	On top of each other

Models and their installation type

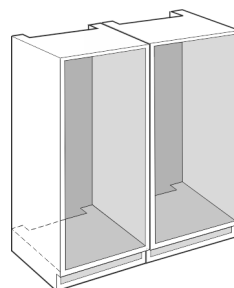


Fig. 12

Install each appliance in a separate cabinet recess.

3.9 Installing in the recess

Apply these main steps to install the appliance in the recess:

- Keep tools ready.
- Check the mounting parts in the enclosed package.
- Prepare the recess.
- Prepare the water connection.
- Prepare the power connection.
- Prepare the appliance.
- Align the appliance.
- Secure the appliance.
- Insert the leveling rail.
- Mount the cabinet front.
- Align the cabinet front.
- Check the installation.
- Attach the covers.

Setting up and connecting

3.9.1 Keeping tools ready

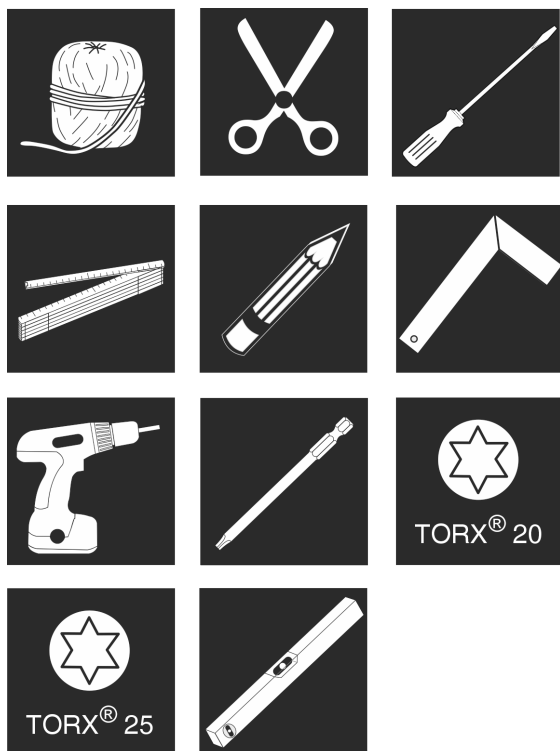
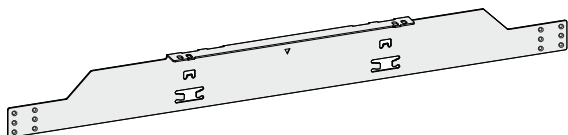


Fig. 13

3.9.2 Preparing accessories for the framed cabinet door in a farmhouse-style kitchen*

Note

The fastening crossbar for framed cabinet doors in a farmhouse-style kitchen can be purchased from the Liebherr-Hausgeräte store at: home.liebherr.com/shop/de/deu/zubehor.html



3.9.3 Checking the mounting parts in the enclosed package

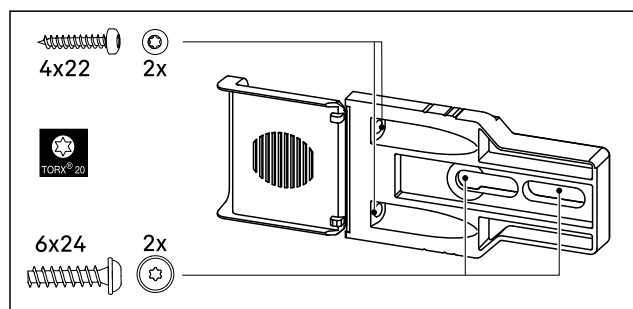


Fig. 14

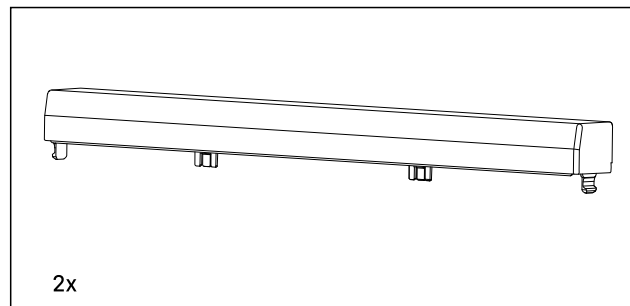


Fig. 15 *

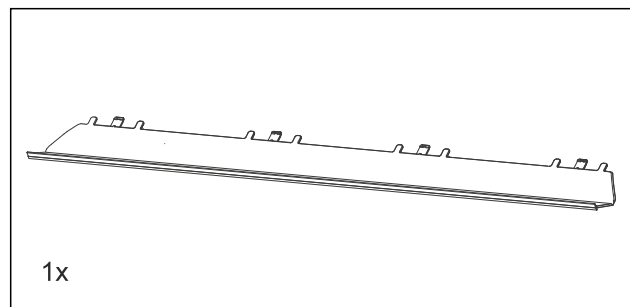


Fig. 16

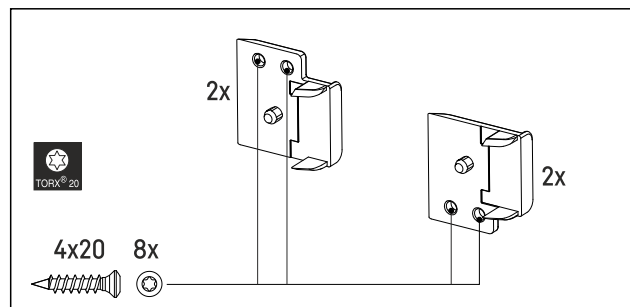


Fig. 17 *

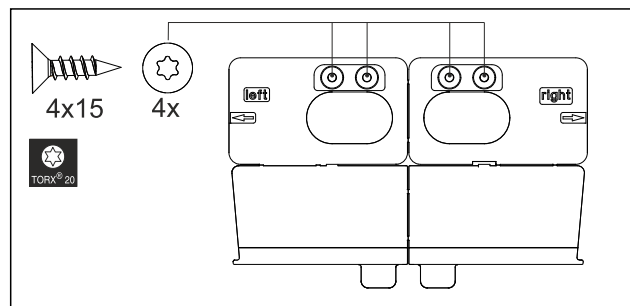


Fig. 18

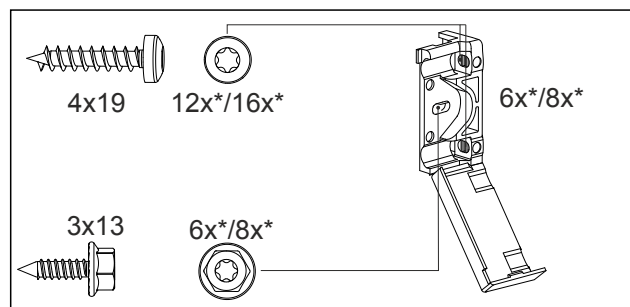


Fig. 19 *

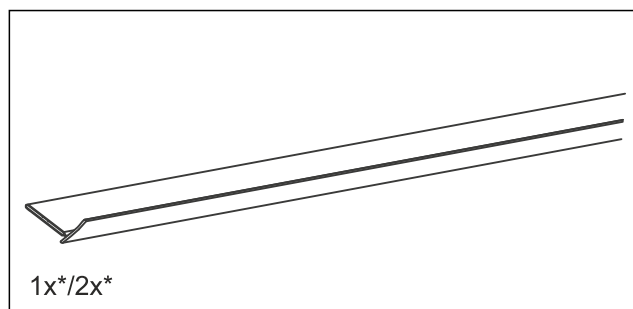


Fig. 20

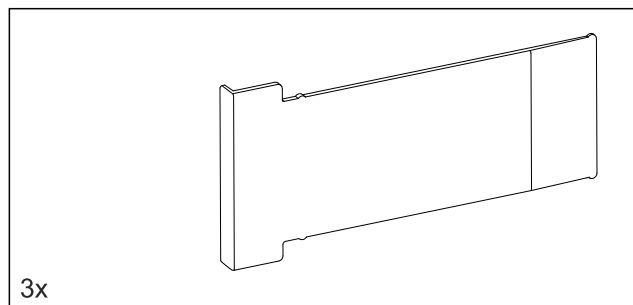


Fig. 21 *

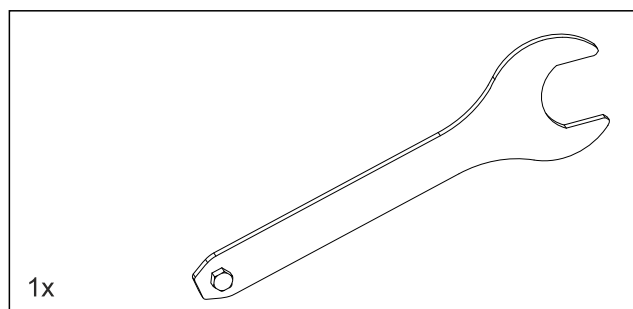


Fig. 22

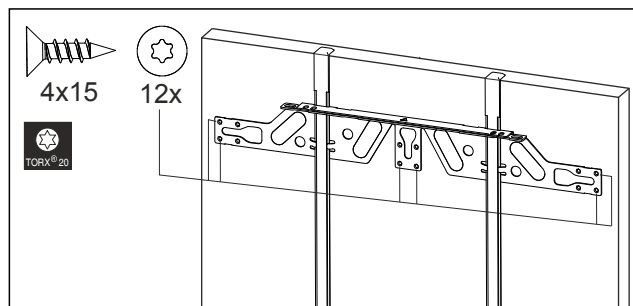


Fig. 23 *

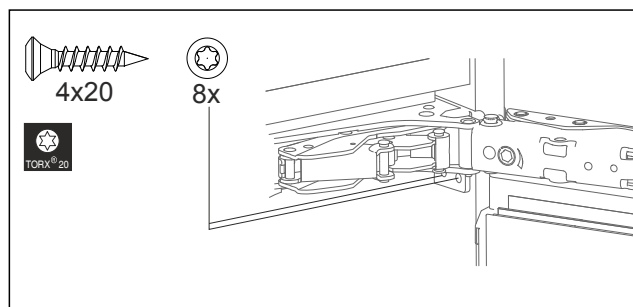


Fig. 24 *

3.9.4 Preparing the recess

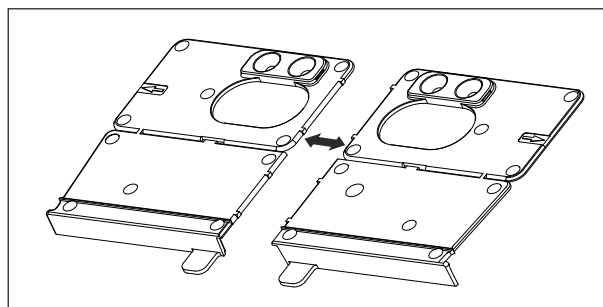


Fig. 25

- Separate the assembly aid at the perforation.

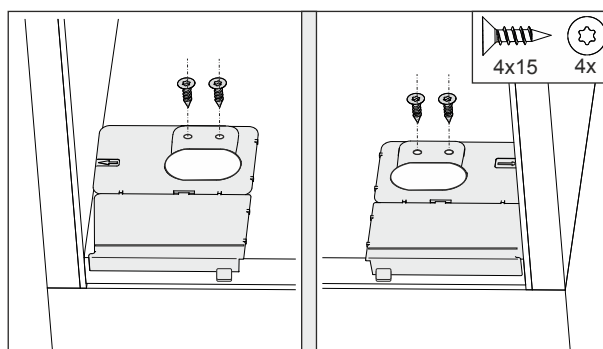


Fig. 26

NOTICE

Incorrect installation depth of the appliance.

- When installing the appliance: Use the assembly aid.

- Screw on the right and left assembly aid onto the floor of the cabinet recess.
- The mounting brackets are flush on the cabinet side wall.

3.9.5 Preparing the power connection

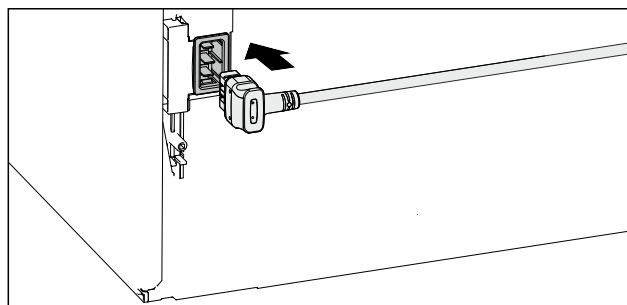


Fig. 27

- Remove the power cable from the enclosed package.
- Fully insert the IEC socket of the power cable completely into the appliance plug on the rear side of the appliance.
- IEC socket fits firmly in the appliance plug.

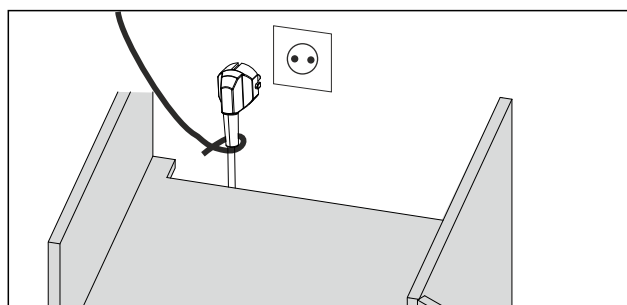


Fig. 28

Setting up and connecting

- Use a string to route the power plug to a socket outlet that is freely accessible.
- The power plug can be inserted in the socket outlet after the appliance has been installed.

3.9.6 Preparing the appliance

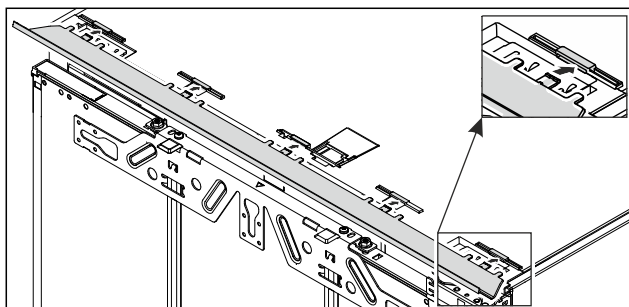


Fig. 29

- Insert the compensation panel on the top of the appliance.
- The panel can be moved on either side.

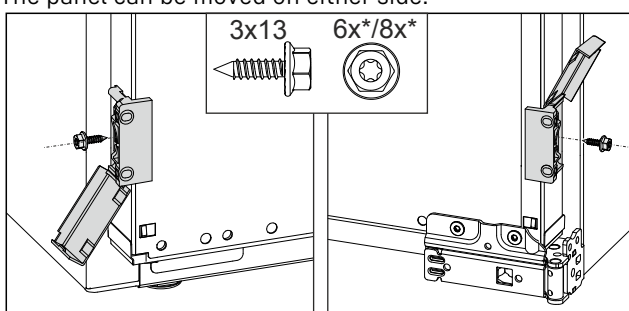


Fig. 30

If your cabinet fronts have cabinet door handles:

- Attach one pair of the side mounting brackets at the height where the cabinet door handles will be later.

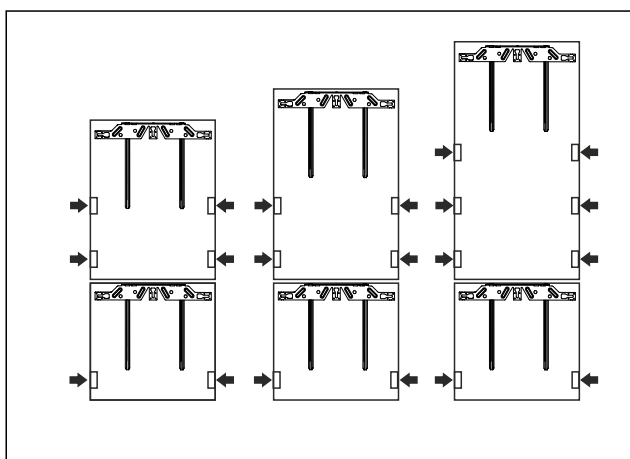


Fig. 31

Attach another pair of mounting brackets for larger doors.

- Attach the side mounting brackets below the fastening crossbeam.

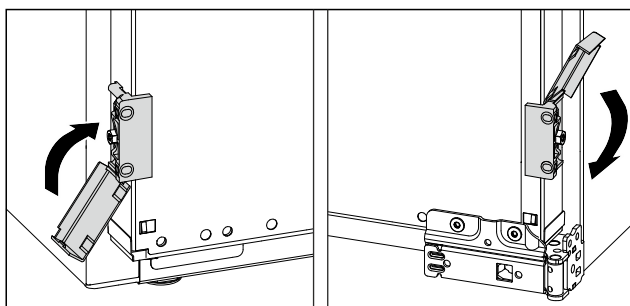


Fig. 32

- After assembly, fold the covers onto the mounting brackets.



WARNING

Risk of fire from short circuit!

- If you are pushing the appliance into the recess: Do not kink, trap, or damage the power cable.
- Do not operate the appliance with a defective power cable.

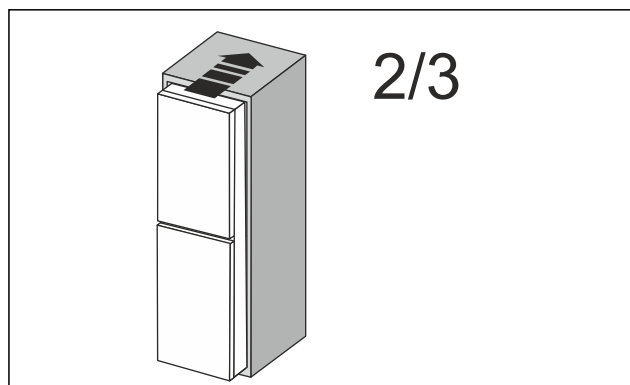


Fig. 33

- Push the appliance 2/3rds into the cabinet recess.

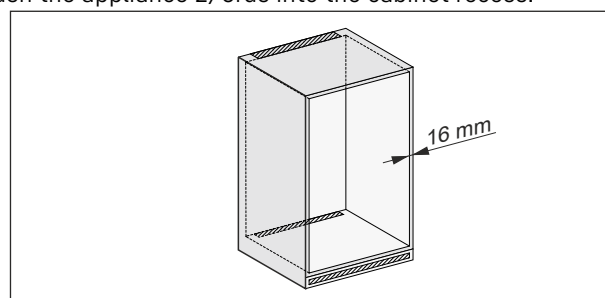


Fig. 34

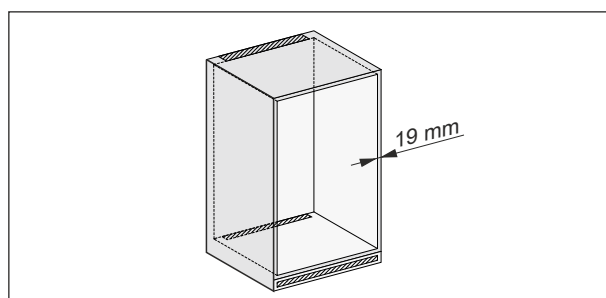


Fig. 35

- Check to ensure that the cabinet side wall has a thickness of 16 mm or 19 mm.

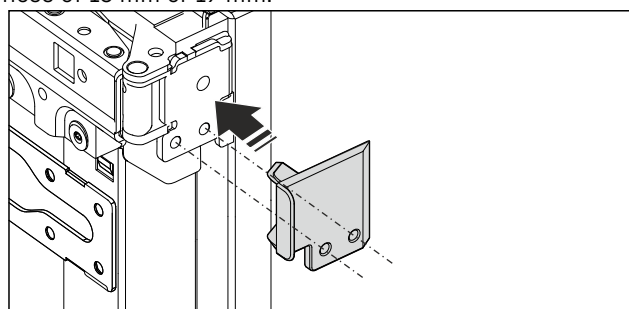


Fig. 36

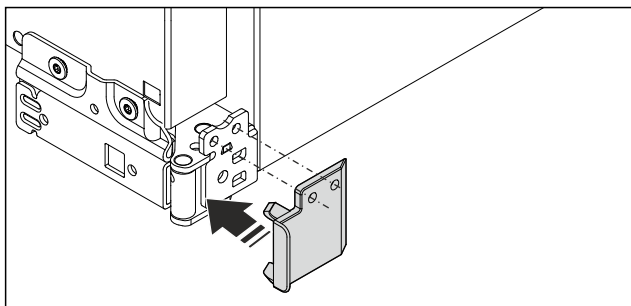


Fig. 37

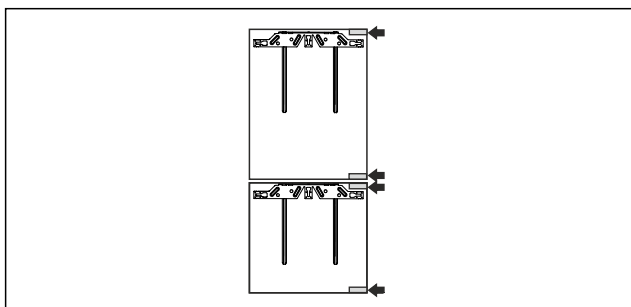


Fig. 38 *

- 16 mm cabinet wall: Place the spacers on all hinges.
- or-
- 19 mm cabinet wall: do not use any spacers.

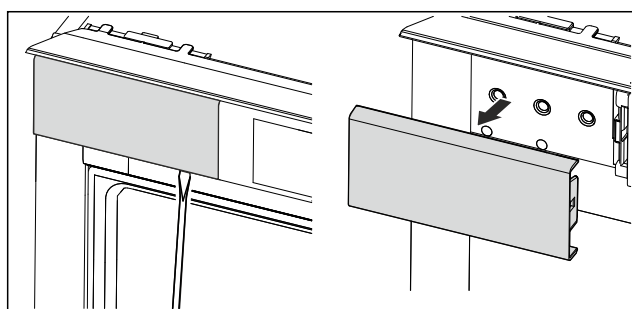


Fig. 39

- Open the door.
- Release the top left cover.
- Remove the cover.

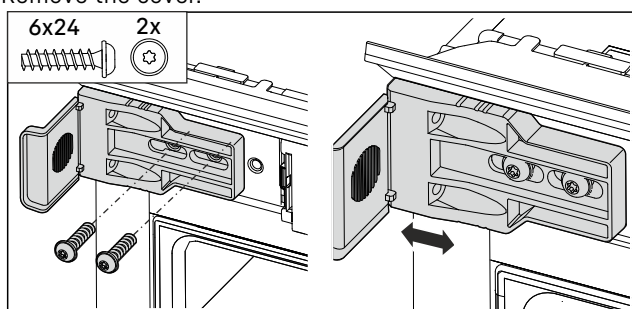


Fig. 40

- Screw on the mounting bracket loosely.
- The bracket can be moved.
- Close the door.

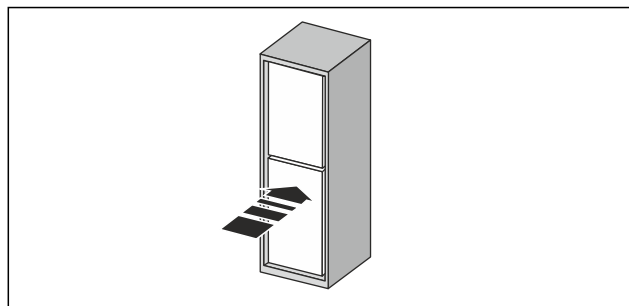


Fig. 41

- Push the appliance all the way into the cabinet recess.

3.9.7 Aligning the appliance

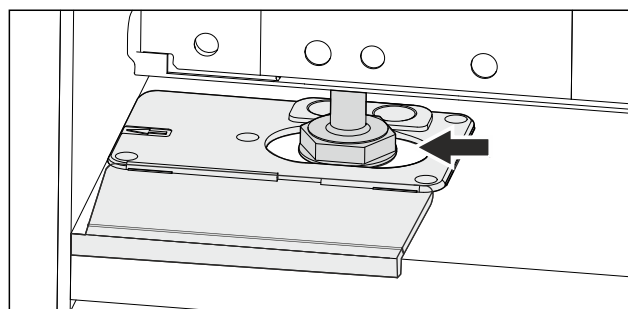


Fig. 42

- Position the adjustable feet on both sides in the recess of the mounting aid.
- Open the door.

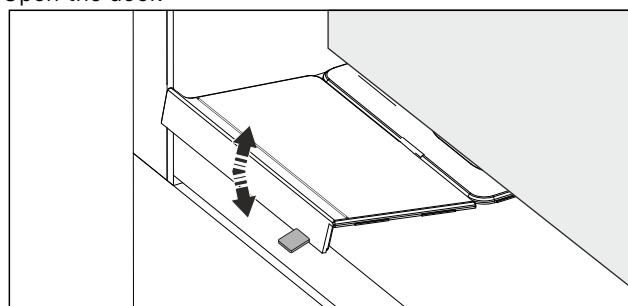


Fig. 43

- Move the stop of the assembly aid to loosen it.
- If necessary, tear off with pliers.

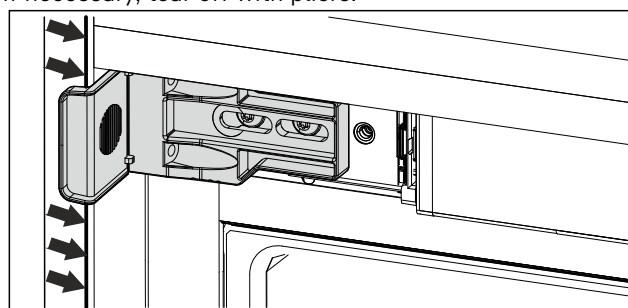


Fig. 44

- Check whether the appliance is aligned level in the cabinet recess.
- The mounting bracket at the top left rests firmly against the side wall of the cabinet recess.

Setting up and connecting

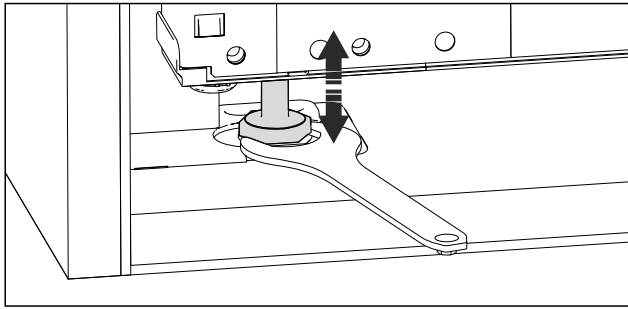


Fig. 45

Align the tilt of the appliance using the adjustable feet.

- Turn the adjustable foot outward:
► The appliance tilts backward.
- Turn the adjustable foot inward:
► The appliance tilts forward.

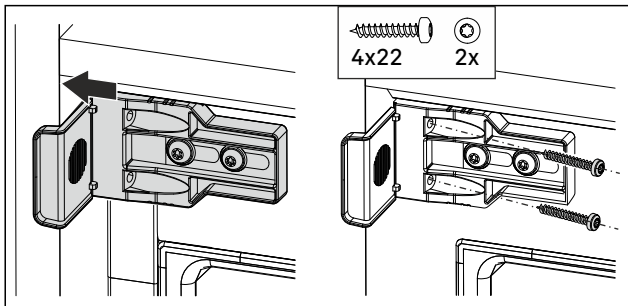


Fig. 46

- Press the mounting bracket against the side wall of the cabinet recess.
- Tighten the screws.

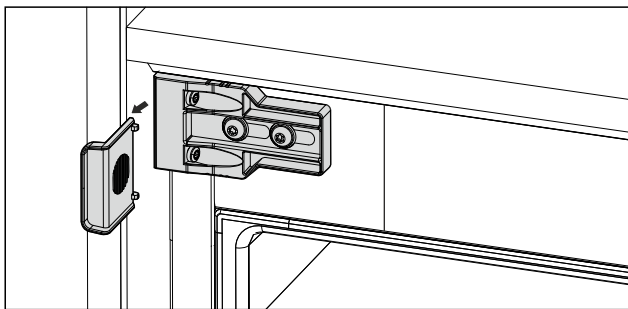


Fig. 47

- Cut off the stop from the bracket.
- Dispose of the stop.
- Close the door.
- Align the appliance using the adjustable feet. Fig. 42 ()

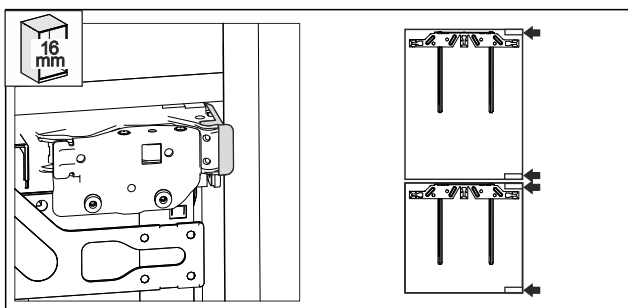


Fig. 48 *

- 16 mm thick cabinet side wall: The spacers are positioned on the hinge side against the side wall of the cabinet recess. ()

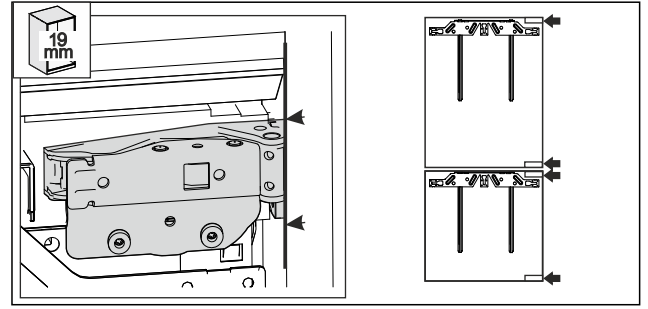


Fig. 49 *

- 19 mm thick cabinet side wall: The front edge of the hinges is aligned straight with the front side of the cabinet side wall. Fig. 49 ()

3.9.8 Securing the appliance

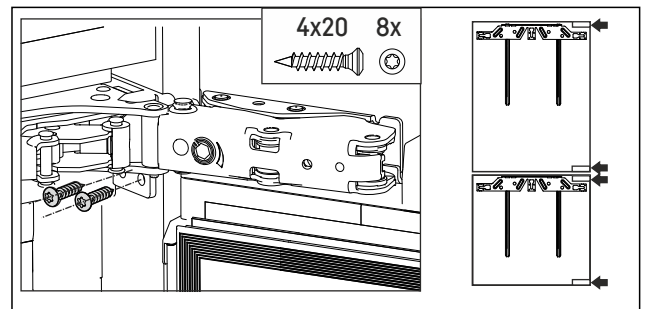


Fig. 50 *

- Open the door.
- Screw the appliance on from the hinge side.

3.9.9 Inserting the leveling rails

You must install leveling rails underneath the appliance for any recess height that is greater than 1400 mm. The leveling rails **minimize the sound level**. Two leveling rails and a mounting handle are included in the enclosed package for recess heights above 1400 mm.

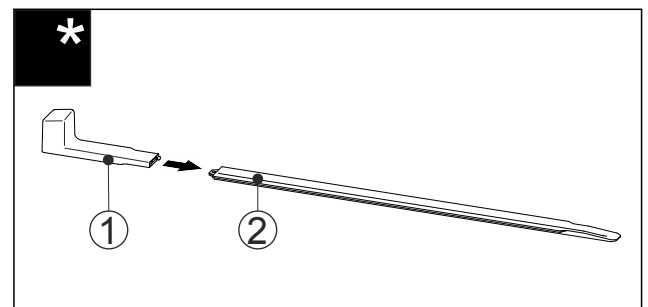


Fig. 51

- Insert the mounting handle Fig. 51 (1) into the leveling rail Fig. 51 (2).

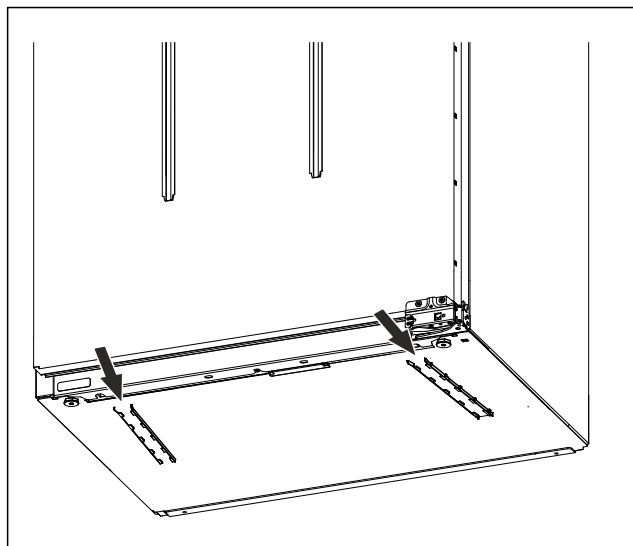


Fig. 52

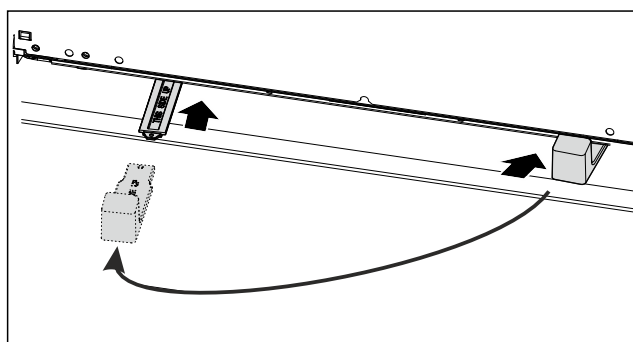


Fig. 53

- ▶ Insert the leveling rail into the guide underneath the appliance floor until it reaches the stop.
- ▶ Pull off the mounting handle and insert it into the second leveling rail.
- ▶ Insert the second leveling rail into the guide underneath the appliance floor until it reaches the stop.
- ▶ Pull off the mounting handle.
- ▶ Appliance is leveled.

3.9.10 Mounting the cabinet front

Note

The fastening crossbar for framed cabinet doors in a farmhouse-style kitchen can be purchased from the Liebherr-Hausgeräte store at: home.liebherr.com/shop/de/deu/zubehor.html

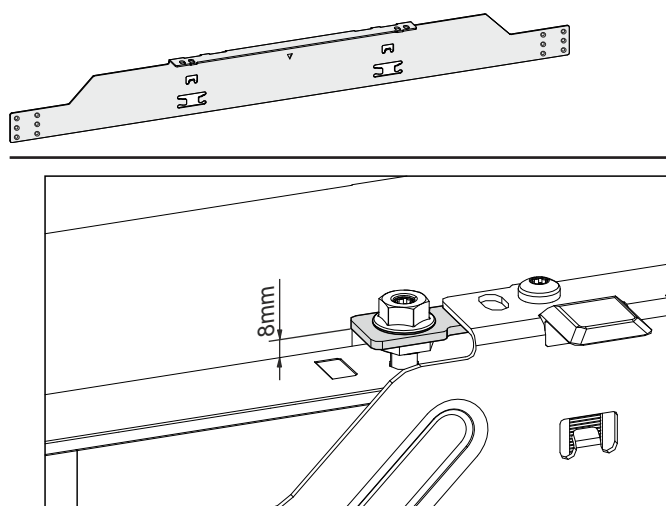


Fig. 54

- ▶ Close the door.
- ▶ Verify the distance between the upper edge of the appliance door and the fastening crossbeam support.
- ▶ The distance between the upper edge of the appliance door and the fastening crossbeam is 8 mm.

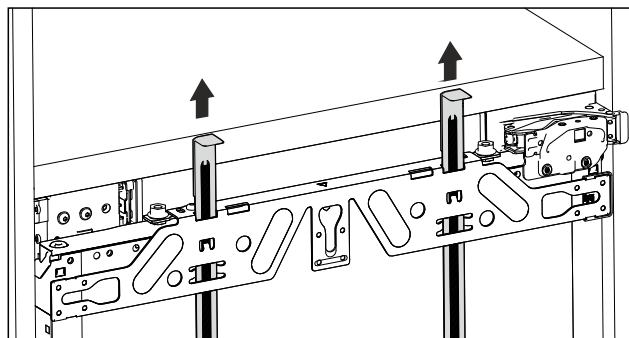


Fig. 55

- ▶ Slide up the assembly aid.

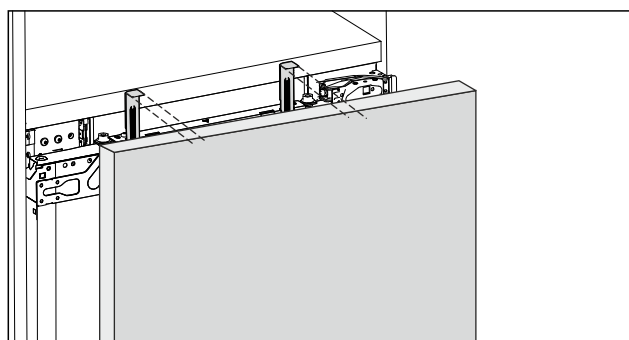


Fig. 56

- ▶ Lower stop edge of the assembly aid is at the height of the upper edge of the door being attached.

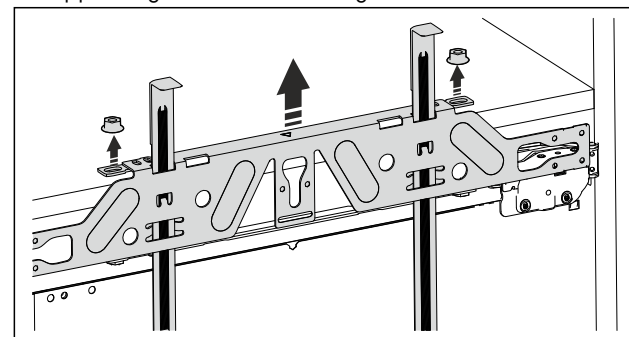


Fig. 57

- ▶ Loosen the nuts.
- ▶ Remove the fastening crossbeam.

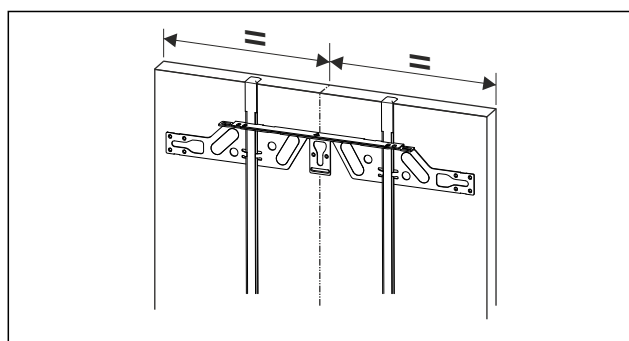


Fig. 58

- ▶ Hang the fastening crossbeam on the inside of the cabinet door.
- ▶ The fastening crossbeam is aligned centered.

Setting up and connecting

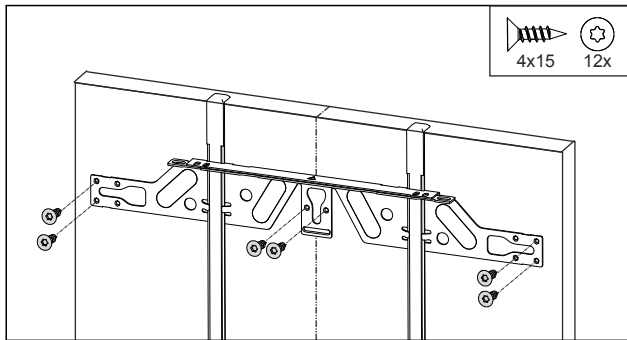


Fig. 59

- Secure the fastening crossbeam with 6 screws.

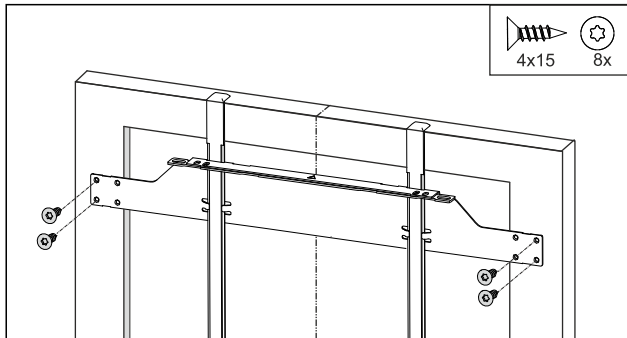


Fig. 60

- Use at least 4 screws to attach the fastening crossbeam for panel doors.
- Mount the screws on panel doors as far outward as possible.

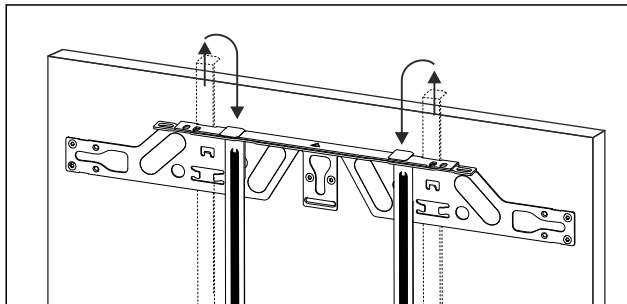


Fig. 61

- Pull out the assembly aids.
- Insert the assembly aids into the adjacent mounting hole on the fastening crossbar.

-or-

- Use the assembly aids to install the second cabinet door.*

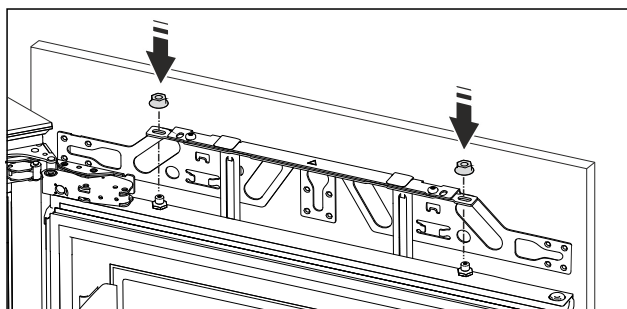


Fig. 62

- Hang the cabinet doors.*
- Loosely screw the nuts onto the pins.

3.9.11 Aligning the cabinet front

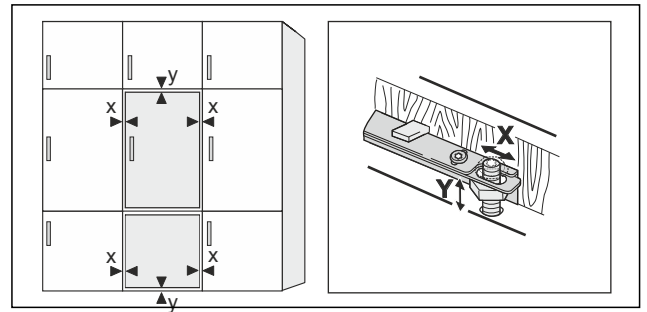


Fig. 63 *

Use the screws to align the cabinet doors in X and Y direction:*

- Loosen the nuts.
- Align the cabinet door in X direction.
- Turn the screws up or down.
- Align the cabinet door in Y direction.

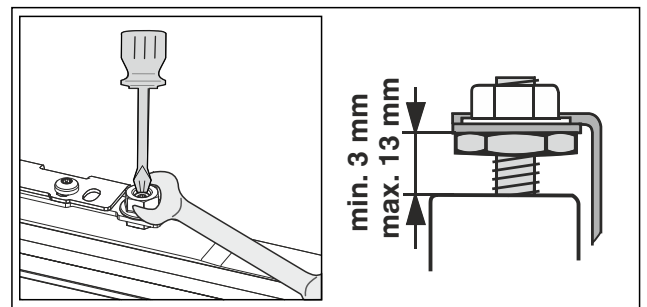


Fig. 64

- Tighten the nuts.
- Check the adjustment height.
- Adjustment height is between 3 mm and 13 mm.
- The cabinet doors are aligned in X and Y direction.*

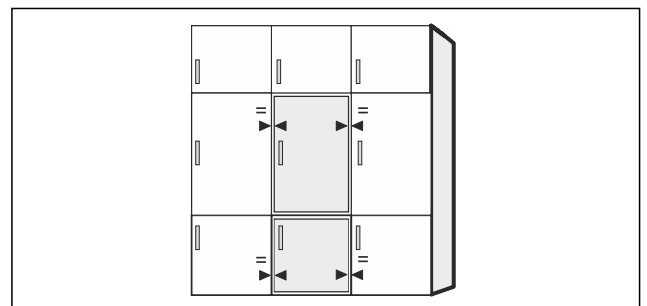


Fig. 65 *

- Check the door spacing to the surrounding unit doors.
- The distance between the cabinet doors and the appliance doors is evenly spaced all around.*

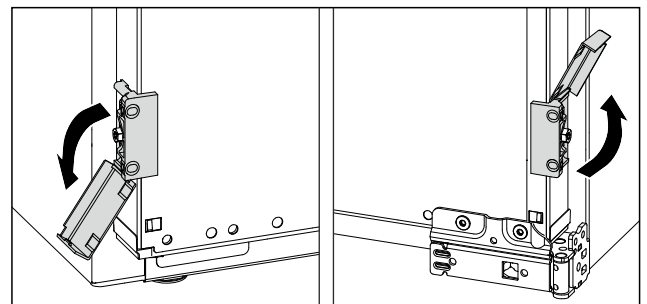


Fig. 66

- Open the covers.

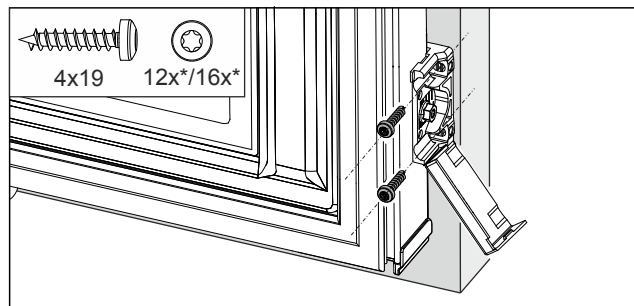


Fig. 67

- Align the front edge of the fastening bracket parallel to the edge of the cabinet door.
- Screw the bracket in place.

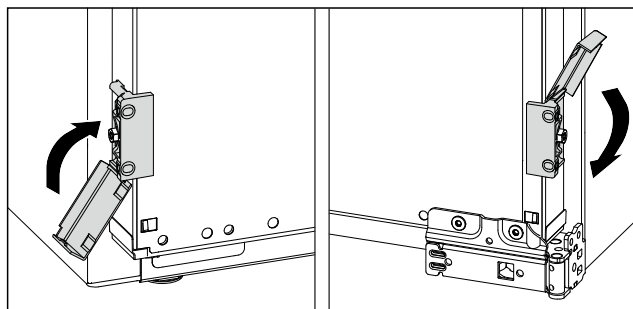


Fig. 68

- Fold up the covers.

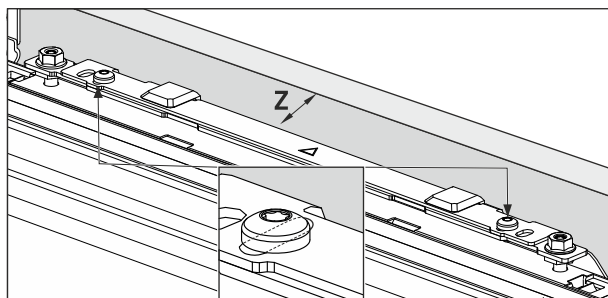


Fig. 69

Align the cabinet doors in the Z direction using the slotted holes:*

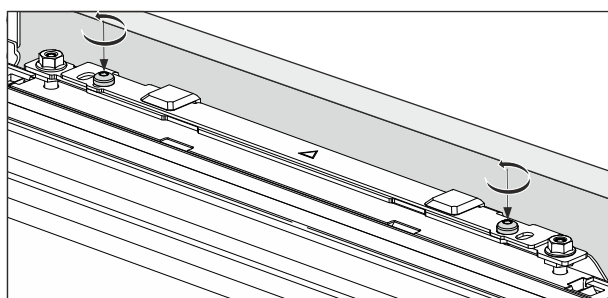


Fig. 70

- Loosen the screws on the fastening crossbar.

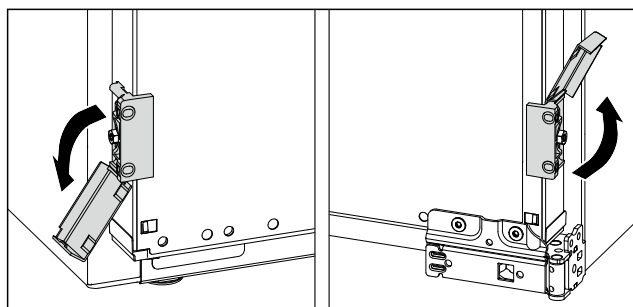


Fig. 71

- Fold up the covers on the fastening brackets.

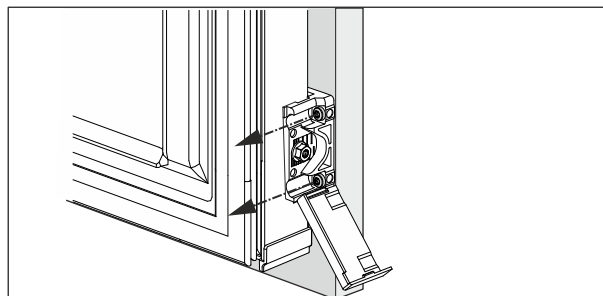


Fig. 72

- Loosen the screws on all fastening brackets.

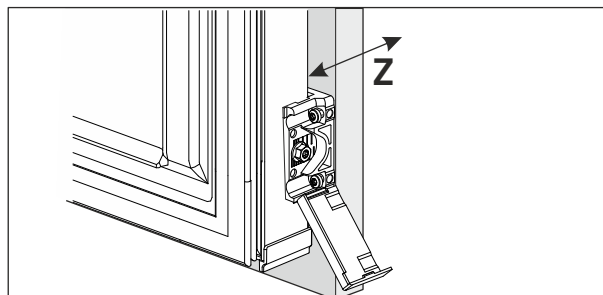


Fig. 73

- Move the door in the Z direction.
- Tighten the screws.

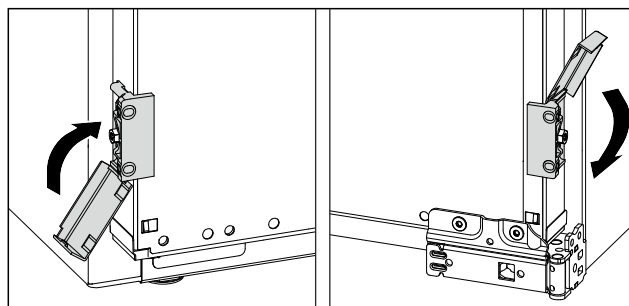


Fig. 74

- Fold up the covers.
- Close the door.
- The cabinet doors are aligned in Z direction.*

3.9.12 Checking the installation

- Check the following points to make sure that the appliance is properly installed. Otherwise, there might be ice buildup and/or condensation that could cause malfunctions.

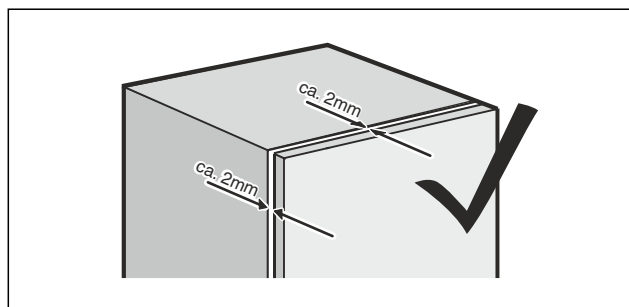


Fig. 75

- The door closes properly.
- The cabinet door does not touch the cabinet body.
- The distance between the cabinet door the cabinet body has been verified.
- All screws have been checked.

Setting up and connecting

3.9.13 Attaching the covers

- Open the door.

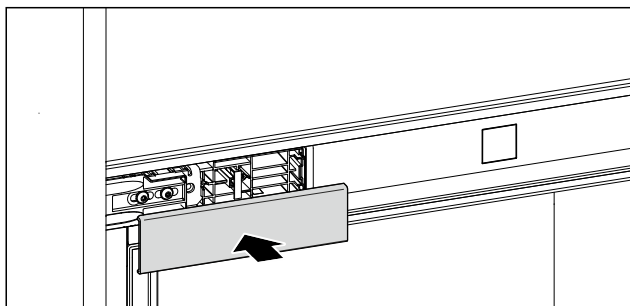


Fig. 76

- Place the cover on the top left.

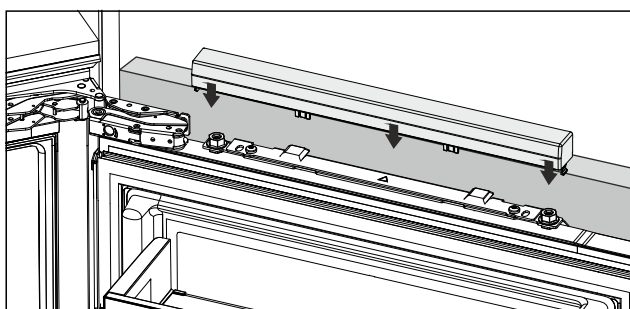


Fig. 77

- Place the top covers on.*

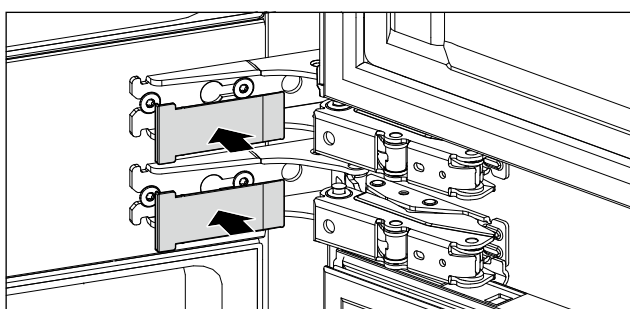


Fig. 78 *

- Place the covers on the center hinges.*

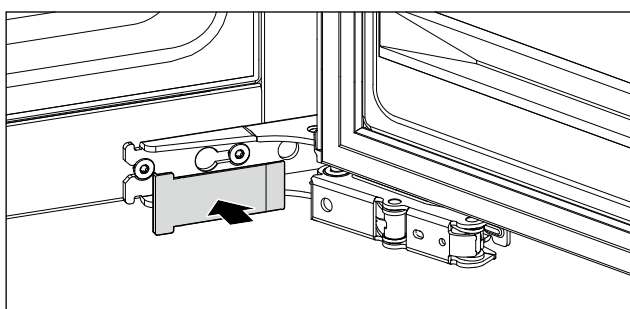


Fig. 79 *

- Place the cover on the bottom hinge.*

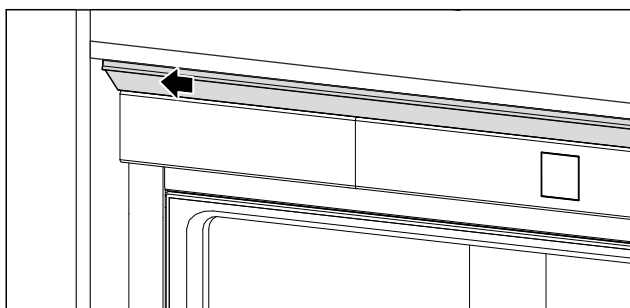


Fig. 80

- Move the compensating panel to the handle side.
- The compensating panel rests against the side wall of the cabinet.

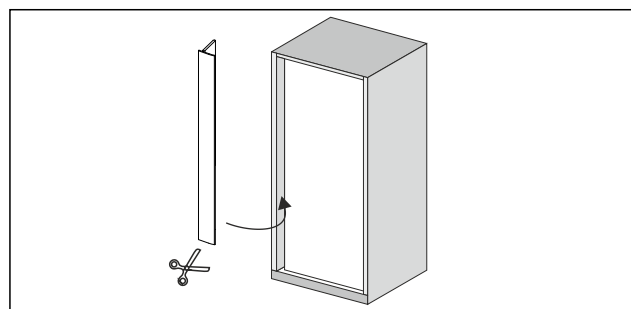


Fig. 81

Attach the magnetic piping:

- If necessary: Cut the piping to the required length with sharp scissors.

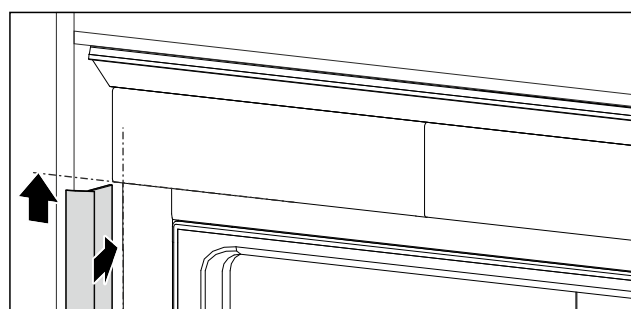


Fig. 82

- Place the piping underneath the top left cover and press down.

3.10 Installing the appliance in a 30" recess

You can install the appliance in a 30" recess. To do this, first adjust the recess to a standard size using a filler panel.

Note

Door hinge

These instructions describe the installation of an appliance with a right-hand door hinge.

To install an appliance with a left-hand door hinge:

- Follow the steps and illustrations in mirror image.

Note

Door hinge – terminology

These instructions use the following terms:

Hinge side: Side of the appliance on which the door is mounted.

Opening side: Side of the appliance from which the door is opened.

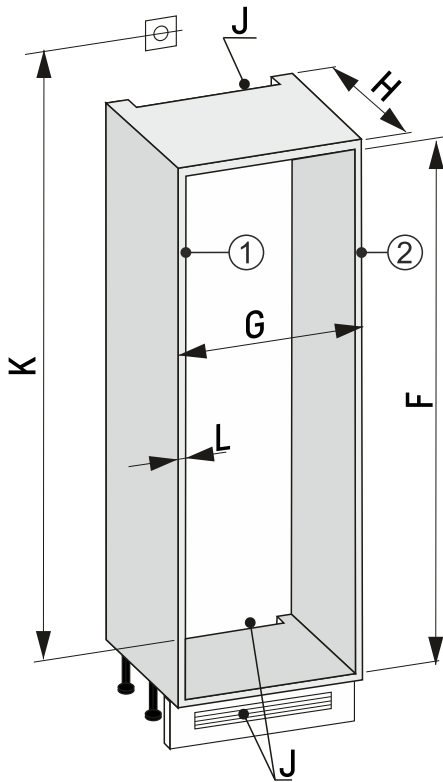


Fig. 83 30" recess

(1) Opening side

(2) Hinge side

Recess dimensions	
F	1940 mm to 1950 mm
G	max. 762 mm (30")
H	min. 560 mm
J	At least 200 cm ²
K	max. 2245 mm
L	max. 19 mm

3.10.1 Creating a filler panel

The filler panel reduces the recess to a standard recess. You must fabricate the filler panel yourself and provide suitable mounting hardware.

Liebherr recommends the following materials:

- Filler panel: same material as the recess
- Mounting hardware: 4 x 22 particleboard screws

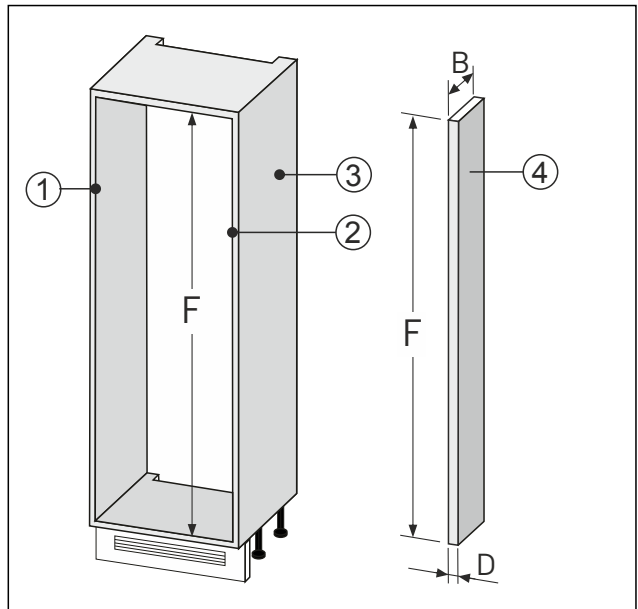


Fig. 84

(1) Opening side

(2) Hinge side

(3) 30" recess

(4) Filler panel

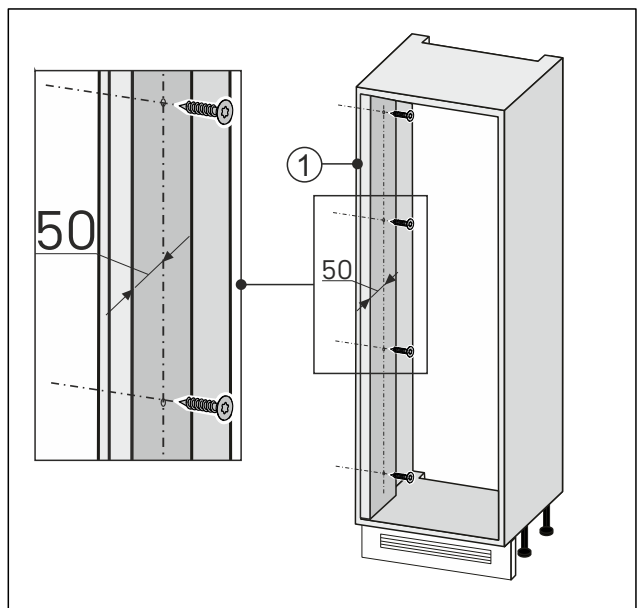
Filler panel dimensions		
F	Recess height/ height of filler panel	1940 mm to 1950 mm
B	Depth of filler panel	At least 100 mm
D	Filler panel thick- ness	16 mm at a filler panel thick- ness of 16 mm
		12 mm at a filler panel thick- ness of 19 mm

- Measure the filler panel thickness Fig. 83 (L).
- Fabricate the filler panel Fig. 84 (4) based on the dimensions specified above.
- The filler panel fits into the 30" recess.

3.10.2 Installing the filler panel in the recess

Make sure that the following requirements are met:

- The filler panel is fastened with at least 4 screws.
- The distance between the front edge of the cabinet front is at least 50 mm.



Setting up and connecting

Fig. 85

- ▶ Align the filler panel flush with the front edge of the cabinet recess.
- ▶ Secure the filler panel to the cabinet recess on the opening side Fig. 85 (1).
- ▶ The 30" recess has been reduced to a standard recess.

3.10.3 Continue installing the appliance in the recess

- ▶ Continue installation in the modified 30" recess as described in the standard instructions. (see 3.9.4 Preparing the recess)

3.10.4 Installing the cabinet front for a 30" recess

- ▶ Prepare the fastening crossbeam as described in the section **Installing the cabinet front** for a standard recess. (see 3.9.10 Mounting the cabinet front)

Note

The installation of the cabinet front for a 30" recess differs from that for a standard recess. For a standard recess, install the cabinet front centered. For a 30" recess, install the cabinet front offset toward the hinge side.

▶ Install the cabinet front for the 30" recess according to the instructions.

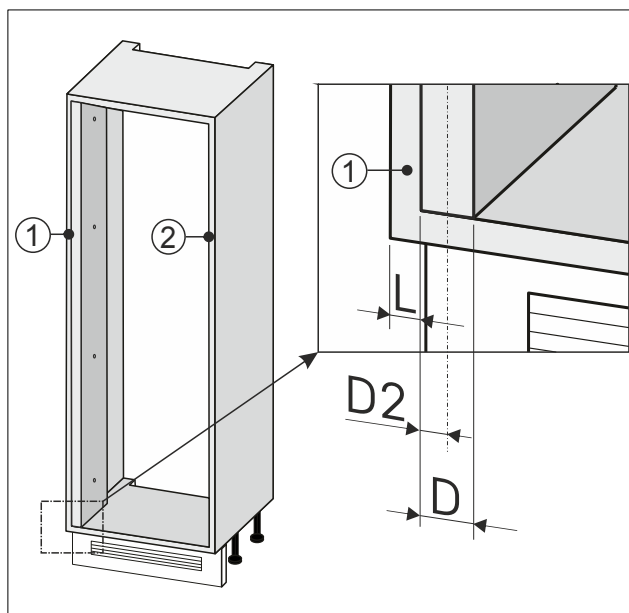


Fig. 86

Cabinet wall thickness L (mm)	Filler panel thickness D (mm)	Half filler panel width D2 (mm)
16	16	8
19	12	6

- ▶ Note half the width Fig. 86 (D2) of the filler panel.

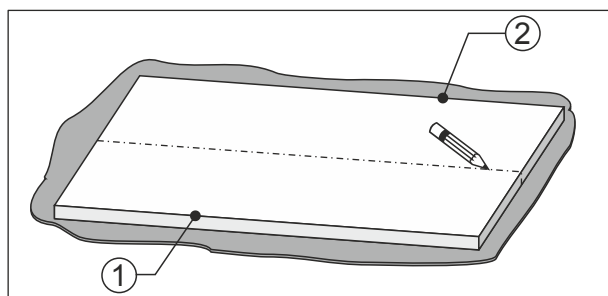


Fig. 87

- ▶ Place the cabinet front on a suitable surface.
- ▶ Mark the center of the cabinet front on the inner side.

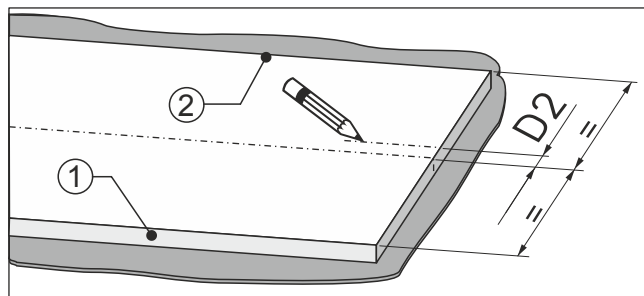


Fig. 88

- ▶ Measure Fig. 88 (D2) from the center of the cabinet front toward the hinge side Fig. 88 (2).
- ▶ Place a mark.

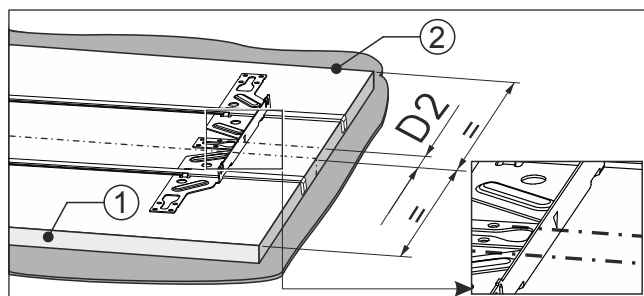


Fig. 89

- ▶ Position the mounting rail on the inner side of the cabinet front.
- ▶ Align the mark on the fastening crossbeam with the mark Fig. 89 (D2) on the cabinet front.

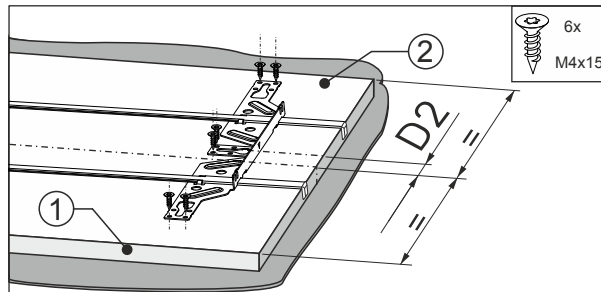


Fig. 90

- ▶ Secure the fastening crossbeam with 6 screws.
- ▶ The cabinet front is prepared for further installation.

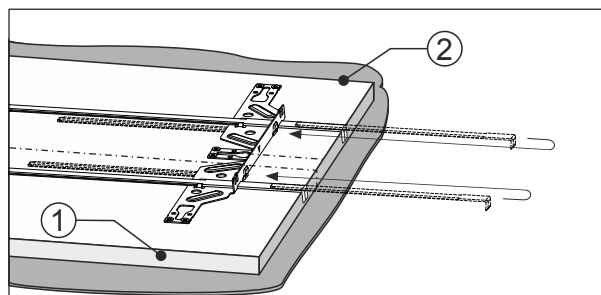


Fig. 91

- ▶ Pull out the assembly aids.
- ▶ Insert the assembly aids into the adjacent mounting hole on the fastening crossbar.
- or-
- ▶ Use the assembly aids to install the second cabinet front.

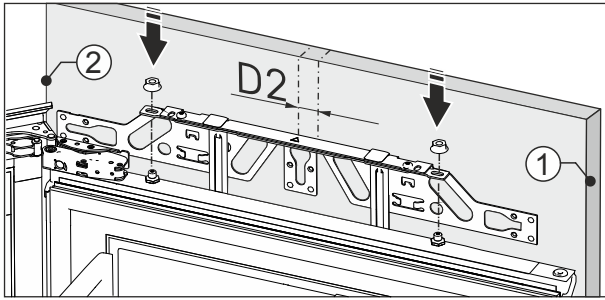


Fig. 92

- ▶ Hang the cabinet fronts.
- ▶ Loosely screw the nuts onto the pins.
- ▶ Continue installation as described in the section **Installing the appliance in the recess**. (see 3.9.11 Aligning the cabinet front)

3.11 Limiting the door opening angle

You can limit the door opening angle to 90° using a pin. This is useful if, for example, the appliance is installed next to a wall.

The pin is available as an accessory.

Note

Sie erhalten Zubehör im Liebherr-Hausgeräte-Shop unter go.liebherr.com/47wtc4.

3.11.1 Inserting the pin

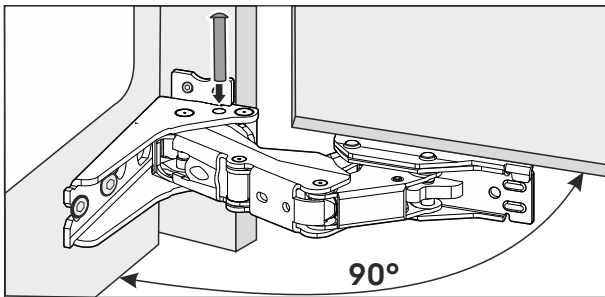


Fig. 93

- ▶ Open the door 90°.
- ▶ Insert one pin each into the opening of the bottom hinges.*
- ▶ One pin each is inserted in both bottom hinges.*
- ▶ Door opening is limited to 90°.

3.12 Cabinet fronts

3.12.1 Dimensions

Depending on the appliance variant, you will require one or two cabinet doors. The size of the relevant cabinet door(s) depends on the overall size of the recess and thickness of the cabinet body.

Note

Observe the relevant appliance and recess dimensions as well as the installation sketches.

General specifications:

- Please note our recommendations for the specific appliance relating to size and weight for fixed door installation.
- The cabinet body thickness should be a minimum of 16 mm and a maximum of 19 mm.
- For two-door cabinet door installation, observe the groove position.

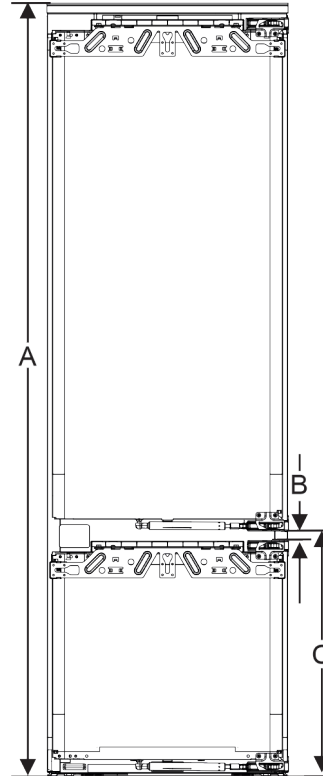


Fig. 94 Groove position two-door cabinet front

Recess height 194 with 3 drawers	
Appliance height (A) (mm)	1938
Distance (B) (mm)	15
Groove position (C) fixed door (mm)	695 + 15

Other cabinet door above, below, or next to it:

- The vertical gap dimension between the cabinet doors must be 4 mm.
- The horizontal gap dimension between the cabinet doors must be 4 mm. Here, check the collision properties. (see 3.12.3 Adjusting the joint gap without collision)

Weight and hinges:

- For heavy cabinet fronts, the hinge is subject to a heavy load. The hinge may be damaged. Here, observe the maximum weight specifications for your appliance in the cabinet front weights chapter .
- If the cabinet front exceeds the maximum permitted weight, an appliance with sliding door technology can resolve the problem, ensuring that the weight is supported by several cup hinges on the cabinet.
- If you use long cabinet fronts that extend far beyond the appliances, we recommend an additional door hinge (e.g. Kamat), preferably with the same pivot point as the fixed door hinge used on your appliance. By using another hinge (Kamat), the weight is supported at several points. We recommend using a milled compensation fitting for high cabinet fronts to counteract warping (convex/concave).

3.12.2 Mounting the cabinet front(s)

Observe the following during installation:

- The cabinet front must be installed symmetrically to the door of the refrigeration units.
- The adjacent cabinet front is at exactly the same level.
- The adjacent cabinet front has the same edge radius as the appliance front.

Setting up and connecting

- Cabinet front is flush and tension-free.
- The cabinet front has a minimum depth setting of approx. 2 mm to the body.
- ▶ Install the appliance in the recess.
- ▶ Fasten the cabinet front to the appliance door.
- ▶ Adjust the joint gap.
- ▶ Check the cabinet front for potential collision.
(see 3.12.3 Adjusting the joint gap without collision)

3.12.3 Adjusting the joint gap without collision

3.12.3 Joint gap to the adjacent cabinet side panel

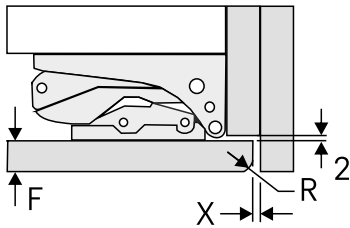


Fig. 95 Joint gap to the adjacent cabinet side panel

(F) Front thickness (X) Min. joint gap
(R) Corner radius cabinet front

Cabinet front thickness F [mm]	Corner radius cabinet front R [mm]	Min. joint gap X (vertical) [mm]
16 to 20	0 to 3	3
22	0	4
	1	4
	2	3
	3	3
24	0	8
	1	7
	2	6
	3	6
26	Not recommended.	

3.12.3 Joint gap to the adjacent cabinet door

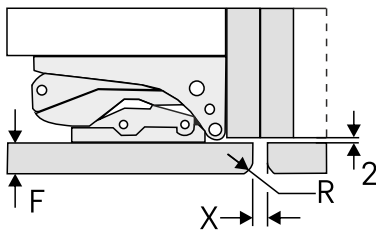


Fig. 96 Joint gap to the adjacent cabinet door

(F) Front thickness (X) Min. joint gap
(R) Corner radius cabinet front

Cabinet front thickness F [mm]	Corner radius cabinet front R [mm]	Min. joint gap X (vertical) [mm]
16 to 20	0 to 3	2

Cabinet front thickness F [mm]	Corner radius cabinet front R [mm]	Min. joint gap X (vertical) [mm]
22	0	4
	1	3
	2	3
	3	2
24	0	6
	1	5
	2	5
	3	4
26	0	8
	1	7
	2	7
	3	6

3.13 After installation

- ▶ Remove all transport safety parts on the inside.

NOTICE

Risk of property damage from pointed or sharp objects! Using pointed or sharp objects to remove packaging materials may damage the appliance.

- ▶ Do not use pointed or sharp objects to remove packaging materials.

- ▶ Remove the protective film on the inside: Peel the film back flat along the component to minimize the film's adhesive force.
- ▶ Clean the appliance. (see 10.6 Cleaning the appliance)
- ▶ Make a note of the type (model, number), appliance designation, appliance/serial number, date of purchase, and the address of the retailer.

3.14 Connecting the appliance to the power supply



WARNING

Danger of electric shock and injury due to damaged appliance or damaged mains cable! Cuts and fatal injury. 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 installed in accordance with the regulations. (see 3.9 Installing in the recess)
- Requirements for the electrical connection are met.

- Dimensions for connection in accordance with regulations are known and observed.
- Mains voltage and frequency correspond to the specifications on the type plate.
- The socket is grounded and fused in accordance with regulations.
- The tripping current for the fuse is between 10 A and 16 A.
- Outlet is easily accessible and is not behind the appliance.

NOTICE

Danger of damage to incorrect operation!
Damage to the electrical components of the appliance.

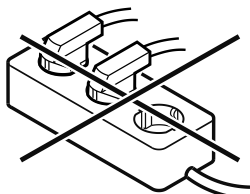
- Only use the supplied power cable.



WARNING

Danger of fire due to incorrect connection!
Burns.
Damage to the appliance.

- Do not use an extension cord.
- Do not use a multipoint connector strip.



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 plug of the power cord to the power supply. Ensure the main plug is firmly plugged into the outlet.
- The Liebherr logo appears in the display.
- The display switches to the standby symbol.
- If no action is taken within 60 seconds: Standby symbol fades or disappears.
- Appliance is connected. For initial commissioning, see the next chapter or the operating instructions.

3.15 Disposal of packaging



WARNING

Danger of suffocation from packaging materials and films!

- Do not allow children to play with packaging materials.

The packaging is made from recyclable materials:

- Corrugated card/cardboard
- Parts made of foamed polystyrene
- Films and bags from polyethylene
- Packing bands from polypropylene
- Wood frame nailed together with a polyethylene window*
- Take the packaging material to an official collection point.

4 Functionality of the Touch display

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

4.1 Navigation and symbol explanation

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

Symbol	Description
	Press the Next navigation arrow: Navigates to the next option in the menu.
	Press the Back navigation arrow: Jumps back one option in the menu.
	Press the navigation arrow several times in succession: Navigates in the menu to the desired function.
	Press the Confirm symbol: Activates/deactivates function. Opens submenu.
	Press the Confirm symbol together with the back icon: Jumps back one menu level.
	Arrow with clock: It takes more than 10 seconds for the following message to appear in the display.
	Arrow with a time indication: It takes the specified amount of time until the following message appears in the display.
	"Open Settings menu" symbol: Navigates to the Settings menu and opens the settings menu. If necessary: Navigate to the desired function in the Settings menu. (see 4.2.1 Opening the Settings menu)

Symbol	Description
	“Open Advanced menu” symbol: Navigates to the Advanced menu and opens the advanced menu. If necessary: Navigate to the desired function in the Advanced menu. (see 4.2.2 Opening the Advanced 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 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.

4.2 Menus

The appliance functions can be found in various menus.

Menu	Description
Main menu	When you switch the appliance on, you are automatically in the main menu. From here you can navigate to the most important appliance functions, to the Settings menu and to the Advanced menu.
 Settings menu	The Settings menu contains additional appliance functions for setting up your appliance. (see 4.2.1 Opening the Settings menu)
Advanced menu	The advanced menu contains special appliance functions for setting up your appliance. Access to the Advanced menu is protected by the numerical code 151 . (see 4.2.2 Opening the Advanced menu)

4.2.1 Opening the Settings menu

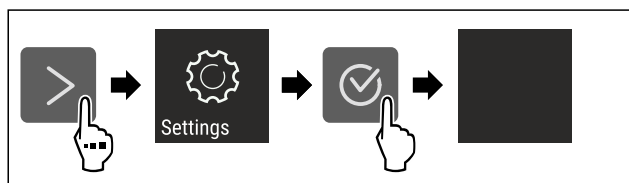


Fig. 97 Example illustration

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

4.2.2 Opening the Advanced menu



Fig. 98

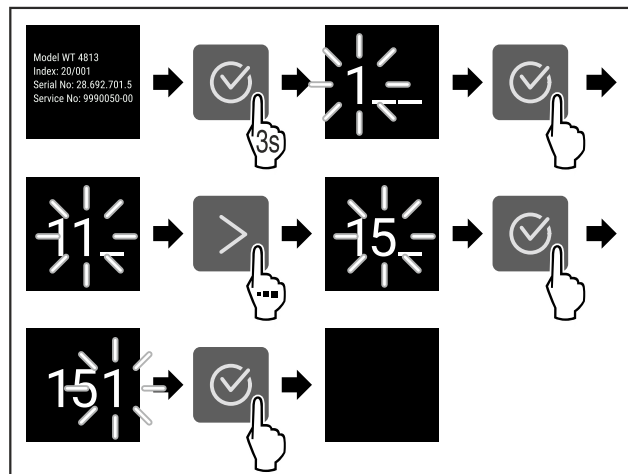


Fig. 99 Example illustration, access with numerical code **151**

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

4.3 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.

4.3.1 Ending sleep mode

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

5 Start-up

5.1 Switching on appliance (first use)

Make sure that the following requirements are fulfilled:

- ☐ The appliance is properly installed and connected according to the installation instructions.
- ☐ All adhesive strips, adhesive and protective films and transport locks are removed from inside and on the appliance.
- ☐ All marketing leaflets are removed from the drawers.
- ☐ You are familiar with the functionality of the Touch display. (see 4 Functionality of the Touch display)

Switch on the appliance using the Touch display.

- ▶ If the display is in sleep mode: Press the Confirm symbol.
- ▶ Carry out action steps according to the illustration.

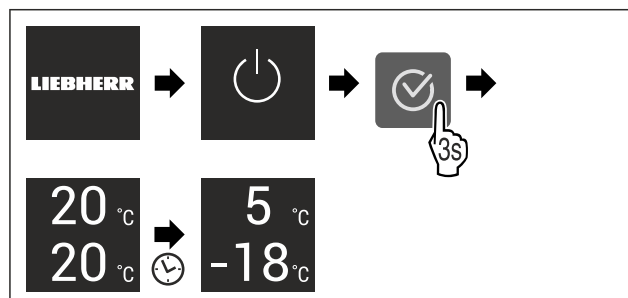


Fig. 100 Example illustration

- ▶ 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 2.2 Smart-Device) and (see WiFi)

Note

The manufacturer recommends:

- Stock with food: Wait for around 6 hours until the set temperature is reached.
- **Store frozen foods** at -18 °C or colder.
- Observe the notes on storing food. (see 6.1 Information regarding storage)

Note

Sie erhalten Zubehör im Liebherr-Hausgeräte-Shop unter go.liebherr.com/47wtc4.

6 Storage

6.1 Information regarding storage



WARNING

Risk of fire from electrical appliances!

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

- Do not use electrical devices in the food area of the appliance if they have not been recommended by the manufacturer.

Note

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

- Always keep the air slots unobstructed.

Observe the following specifications for storage:

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

Note

Failure to follow these guidelines can lead to foodstuffs spoiling.

6.2 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.

6.2.1 Arranging your food properly



CAUTION

Risk of damage and/or injury due to improperly placed food or items!

If you place food or items on the lowest glass shelf, the door may not close properly. This may cause the door rack to break, allowing food or other items to fall out and cause injury.

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

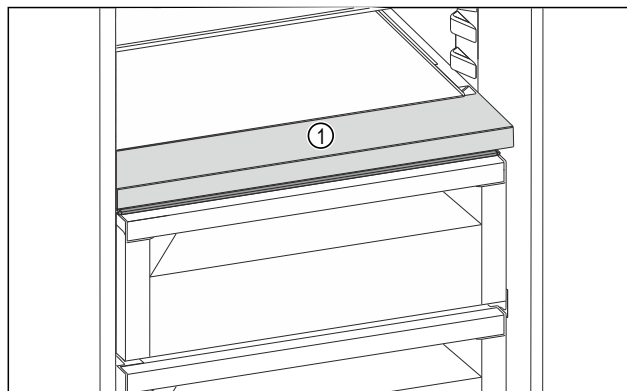


Fig. 101 Example illustration

(1) Front area

- Upper area and door: Store butter, cheese, canned food and tubes.
- Coldest temperature zone: Store perishable foods such as pre-cooked meals, meat and lunch meats.
- Bottom shelf: Store raw meat or fish.

6.3 EasyFresh

EasyFresh is great for non-packaged foods, such as fruit and vegetables.

Note

- Store sliced citrus fruits (e. g., lemon or orange slices) in a container.

The humidity in the compartment depends on the moisture content of the refrigerated goods and the frequency with which it is opened. You can control the humidity. (see 9.4 Lid for EasyFresh-safe)

6.3.1 Arranging your food properly

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

6.4 Freezer compartment

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

6.4.1 Freezing food

Freezing quantity

The maximum amount of fresh food that you can freeze within 24 hours is specified on the type plate (see 11.5 Rating 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 amount of food to be frozen, you can activate SuperFrost before freezing to reach 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. As soon as the appliance automatically deactivates SuperFrost you can begin rearranging your food items.
Maximum amount of food to freeze	Activate SuperFrost about 24 hours before freezing. As soon as the appliance automatically deactivates SuperFrost you can begin rearranging your food items.

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.

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

6.4.2 Defrosting food



WARNING

Danger of food poisoning!
► Do not re-freeze defrosted food.
► Use defrosted foodstuff as quickly as possible.

You can defrost food in several ways:

- In the fridge compartment
- In the microwave
- In the oven/fan-assisted oven
- At room temperature
- Take out only as much food as necessary.

6.5 Storage times

The storage times given are guidelines

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

6.5.1 Fridge

The best-before date stated on the packaging applies.

6.5.2 Freezer

Guidelines for storage periods for various foods		
Ice cream	at -18 °C	2 to 6 months
Sausage, ham	at -18 °C	2 to 3 months

Guidelines for storage periods for various foods		
Bread, bakery products	at -18 °C	2 to 6 months
Game, pork	at -18 °C	6 to 9 months
Fish, fatty	at -18 °C	2 to 6 months
Fish, lean	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 Energy saving

- Always ensure good ventilation. Do not obstruct ventilation openings or grilles.
- Never block air slits in the fan.
- Do not install the appliance in an area with direct sunlight, next to a heating unit or similar.
- If you install the appliance directly next to an oven, its energy consumption may increase slightly. This depends on the service life and how often the oven is used.
- Energy consumption depends on installation conditions such as the ambient temperature. A warmer ambient temperature can increase the energy consumption.
- Avoid opening the appliance door for any longer than necessary
- The lower the temperature is set the higher the energy consumption.
- Sort your food items: home.liebherr.com/food.
- All food stored in the appliance should be well wrapped and covered. This prevents frost buildup.
- Only take food out for as long as necessary so that it does not get too warm.
- Insertion of warm foods: first let the food cool down to room temperature.
- Defrost frozen food in the fridge
- For longer periods of absence, use HolidayMode (see HolidayMode).

8 Use

8.1 Controls and displays

8.1.1 Status display

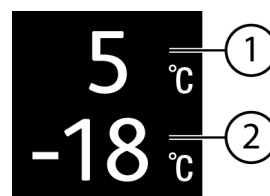


Fig. 102

- (1) Fridge compartment temperature display (2) Freezer compartment temperature display

The Status display shows the set temperatures and is the home display. From there, you can navigate to the options and settings.

8.1.2 Display symbols

The display symbols provide information about the current appliance status.

Symbol	Appliance status
	Standby The appliance or temperature zone is turned off.
	Flashing number Appliance is working. Temperature flashes, until the set value is reached.
	Flashing symbol Appliance is working. Setting is made.
	Bar grows steadily Function is activated.

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 appliance 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 Touch display)
- ☐ You have familiarized yourself with the operating and display elements of your appliance.

Switching appliance off and on

This function switches the entire appliance on and off.

Switching off the appliance

If you switch off the appliance, the settings that were made before remain stored.

Make sure that the following requirements are fulfilled:

- ☐ Handling instructions (see 12 Decommissioning) have been completed.



Fig. 103

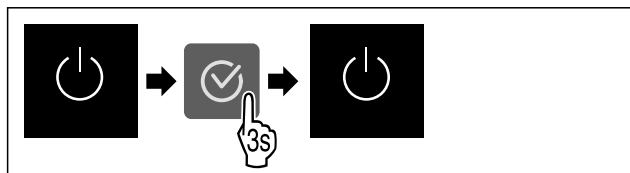


Fig. 104

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

Switching on the appliance

- If the display is in sleep mode:
- ▶ Press any navigation key.

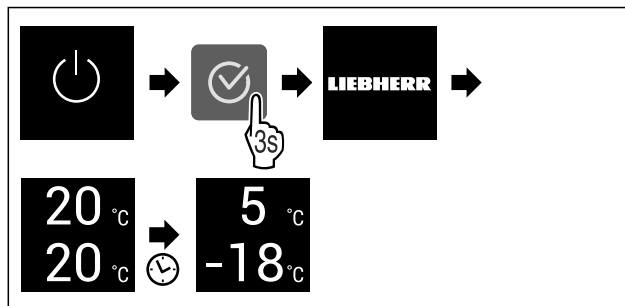


Fig. 105 Example illustration

- ▶ Carry out action steps according to the illustration. If the appliance starts in demo mode:
- ▶ Deactivate demo mode. (see Deactivating demo mode)
- ▶ Appliance is switched on.
- ▶ Previously made settings are re-established.
- ▶ The appliance cools to the set target temperature.

-18°C Switching temperature zone off and on

You can switch temperature zones of the appliance off independently.

Application:

- Cleaning
- Defrosting

Switching the fridge compartment off

Make sure that the following requirements are fulfilled:

- ☐ Refrigerator compartment has been emptied.

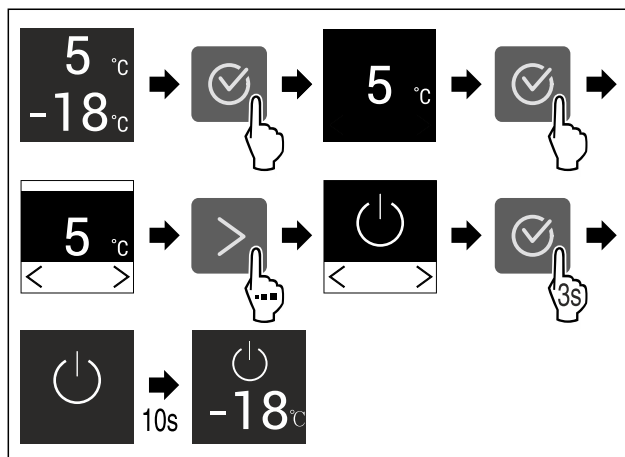


Fig. 106 Example illustration

- ▶ Carry out action steps according to the illustration.
- ▶ Refrigerator compartment is switched off.

Switching the fridge compartment on

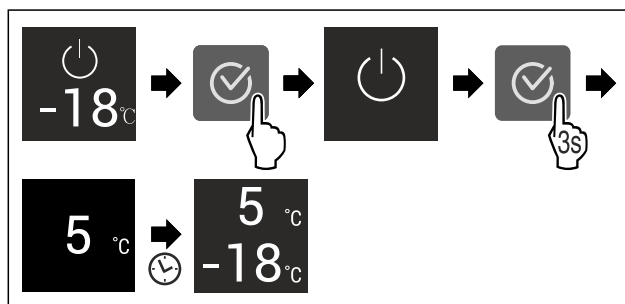


Fig. 107 Example illustration

- ▶ Carry out action steps according to the illustration.
- ▶ Refrigerator compartment is switched on.
- ▶ The appliance cools to the last set temperature.

5 °C Temperature

Use this function to set the temperature.

The temperature depends on the following factors:

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

Temperature zone	Factory-set temperature	Recommended setting
5 °C Fridge section	5 °C	4 °C
-18 °C Freezer section	-18 °C	-18 °C

Setting the temperature in the fridge section

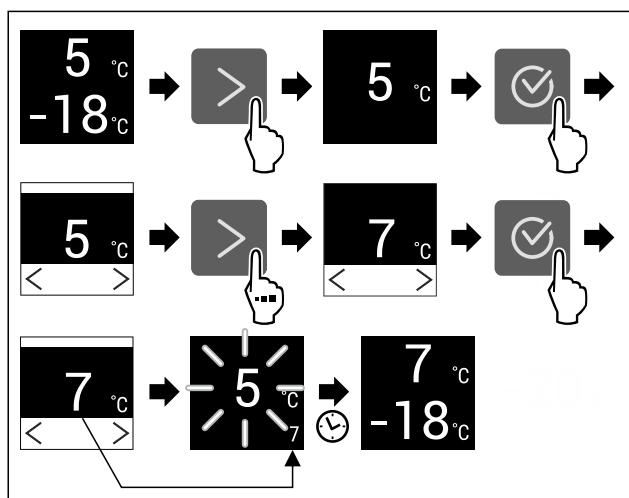


Fig. 108 Example illustration

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

Setting the temperature in the freezer section

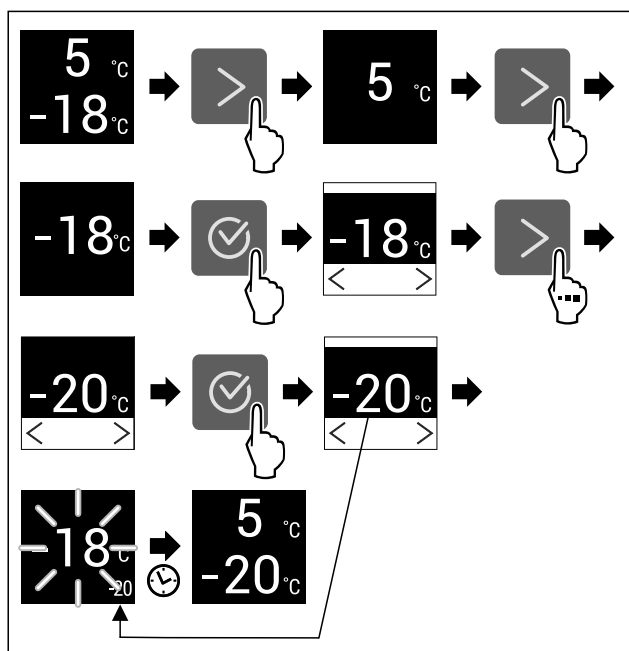


Fig. 109 Example illustration

- Carry out action steps according to the illustration.

- Temperature is set.

D1 D-Value

Use this function to set the D-Value.

The D-Value indicates whether you are operating the fridge section with a dry rear wall or without one. The rear wall is installed in the appliance upon delivery. By default, the D-Value is set to D1.

You can remove the rear wall for cleaning. (see 10.6.3 Cleaning the dry rear panel) To operate the appliance without rear wall, you must set the D-Value to D2.

Note

The declared energy consumption was calculated without a dry rear wall. The appliance is fully functional with the dry rear wall, but with a slightly higher energy consumption. Liebherr recommends:

- The appliance is operated with a dry rear wall to prevent any visible condensate and product from frosting.

Setting the D-Value

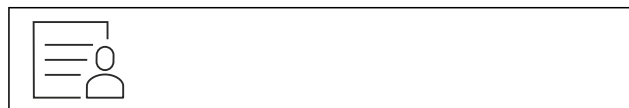


Fig. 110

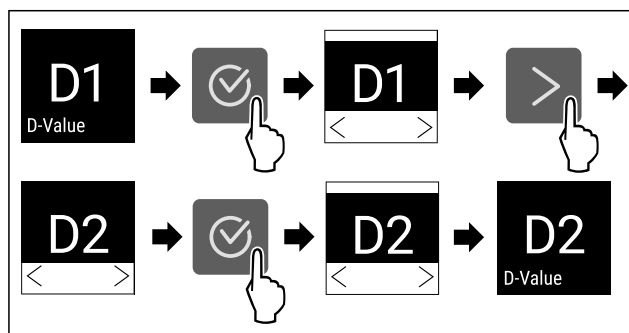


Fig. 111 Example illustration: Switching from D1 to D2.

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

* SuperCool

This function activates or deactivates SuperCool. If you activate SuperCool the appliance increases the cooling capacity. This allows you to achieve lower cooling temperatures. You can activate SuperCool if you want to quickly cool large volumes of food.

If the function is active, the appliance operates at a higher output. As a result, the operating noise of the appliance may be temporarily louder, while energy consumption increases.

Activating SuperCool

Time for activating the function:

- If you want to store fresh food in the fridge section: Activate the function when storing food.



Fig. 113

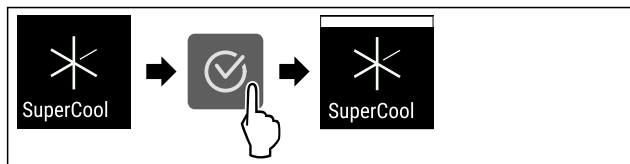


Fig. 114

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

Deactivating SuperCool

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

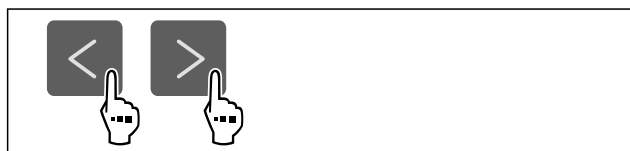


Fig. 115

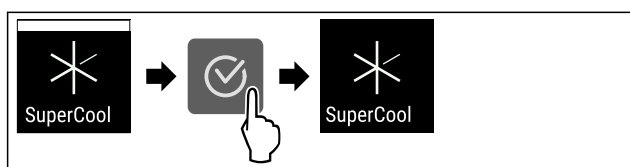


Fig. 116

- Carry out action steps according to the illustration.
- SuperCool is deactivated.
- Appliance continues to run in normal operation.
- The appliance first cools to the set temperature.



PowerCool

This function activates or deactivates PowerCool. PowerCool ensures optimum temperature layers to keep your food cool.

This function relates to the fridge compartment.

Application:

- At high room temperature (starting at approx. 35 °C)
- At high humidity, e. g. on summer days
- While storing moist product to prevent condensation in the interior

Note

The fan can run even if the function is deactivated. It ensures optimum temperature distribution in the appliance.

If the function is active, the appliance operates at a higher output. As a result, the operating noise of the appliance may be temporarily louder, while energy consumption increases.

Activating PowerCool

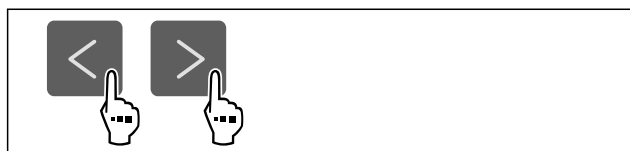


Fig. 117

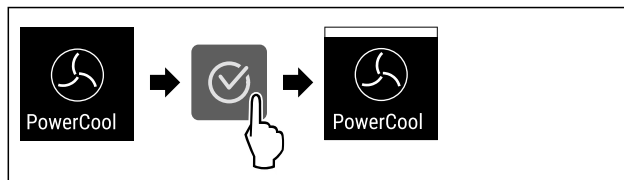


Fig. 118

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

Deactivating PowerCool



Fig. 119

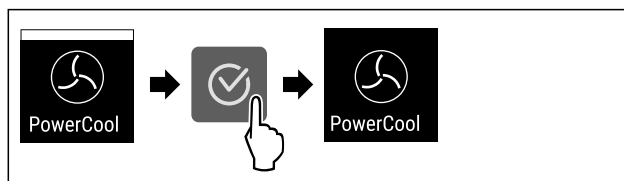


Fig. 120

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



SuperFrost

This function activates or deactivates SuperFrost. Activating SuperFrost the appliance increases the freezing capacity. This allows you to achieve lower freezer temperatures.

Application:

- Quickly freezing fresh food through to the core. This ensures that the nutrition value, look, and taste of the food is preserved.
- Increasing cold reserves in stored frozen food before defrosting the appliance.

If the function is active, the appliance operates at a higher output. As a result, the operating noise of the appliance may be temporarily louder, while energy consumption increases.

If the door is open for too long, e. g., because you are storing food, the appliance checks automatically whether the actual temperature in the appliance matches the appliance's set temperature. If the difference exceeds a defined value, the appliance cooling power is increased automatically. As a result, the temperature shown on the display may be higher than the actual temperature inside the appliance. This is normal and your appliance is working correctly.

Activating SuperFrost

Make sure that the following requirements are fulfilled:

- ❑ The freezing volume and time for SuperFrost activation are taken into account. (see Freezing food using SuperFrost)



Fig. 121

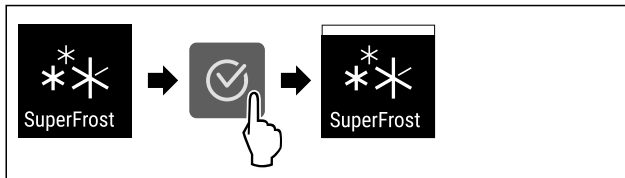


Fig. 122

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

Deactivating SuperFrost

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

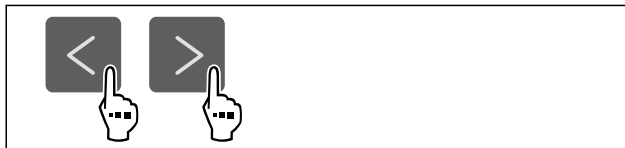


Fig. 123

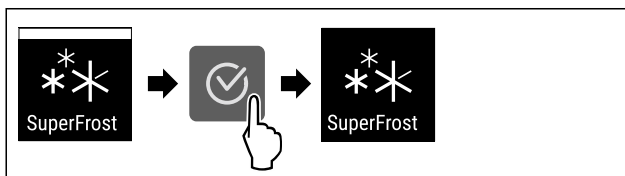


Fig. 124

- Carry out action steps according to the illustration.
- SuperFrost is deactivated.
- Appliance continues to run in normal operation.
- The appliance first cools to the set temperature.



PartyMode

This function activates and deactivates PartyMode. PartyMode activates different functions that are useful for a party.

PartyMode activates the following functions:

- SuperCool (see SuperCool)
- SuperFrost (see SuperFrost)

You can set all listed functions individually and flexibly. By deactivating PartyMode all changes are discarded.

If the function is active, the appliance operates at a higher output. As a result, the operating noise of the appliance may be temporarily louder, while energy consumption increases.

Activating PartyMode

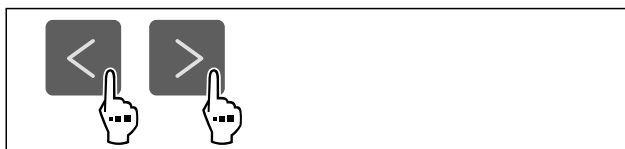


Fig. 125

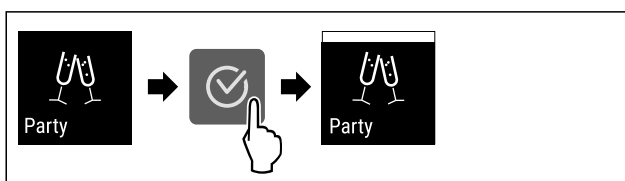


Fig. 126

- Carry out action steps according to the illustration.
- PartyMode and the corresponding functions are activated.

- The current temperature flashes until the target temperature is reached.

Deactivating PartyMode

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



Fig. 127

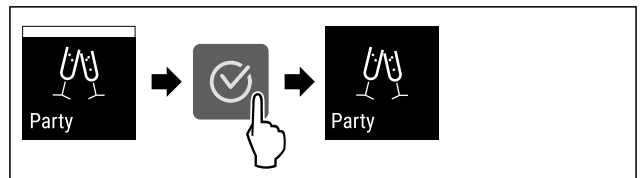


Fig. 128

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



HolidayMode

Use this function to activate or deactivate HolidayMode. If you activate HolidayMode the fridge section is set to 15 °C. This helps you save energy if you are away for a longer period of time and avoid bad smells and mold formation.

Appliance status with active HolidayMode
Fridge section cools to 15 °C.
EasyFresh cools down to 15 °C.
The set temperature is maintained in the freezer section.
PartyMode is deactivated.
SuperCool is deactivated.
PowerCool is deactivated.

Activating HolidayMode

- Empty the fridge section completely.
- Empty EasyFresh completely.



Fig. 129

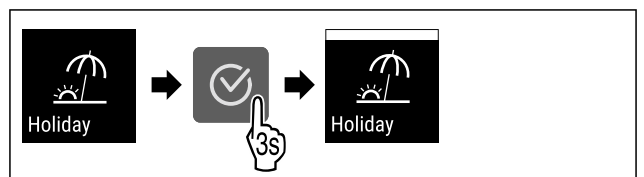


Fig. 130

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

Deactivating HolidayMode

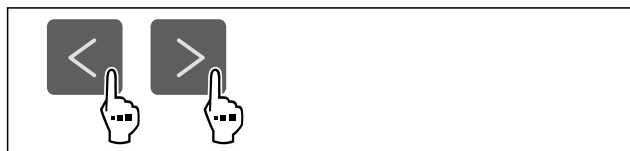


Fig. 131

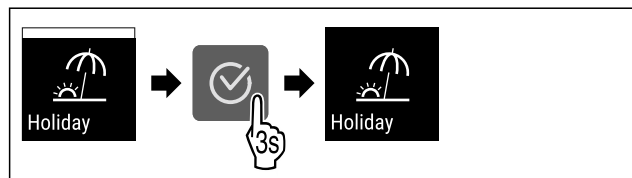


Fig. 132

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



SabbathMode

This function activates and deactivates SabbathMode. If you activate this function, some electronic functions are switched off. Your appliance thereby meets the religious requirements of Jewish holidays such as the Sabbath and complies with STAR-K Kosher certification.

Appliance status with active SabbathMode
The status display continuously shows SabbathMode.
All functions in the display except the Deactivating SabbathMode function are disabled.
Active functions remain active.
The display remains bright when you close the door.
The interior lighting is deactivated.
Memories are not listed. The set time interval is stopped.
Memories and warnings are not displayed.
There is no door alarm.
There is no temperature alarm.
The defrost cycle operates only for the specified time without taking into account the appliance usage.
After a power failure, the device returns to SabbathMode.

Appliance status

Note

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

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

Activating SabbathMode



WARNING

Danger of poisoning from spoiled food!

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

After a power failure:

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

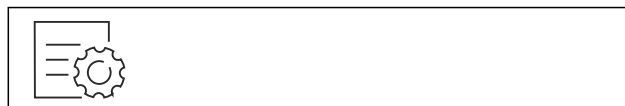


Fig. 133

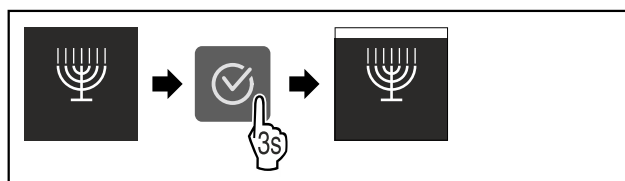


Fig. 134

- Carry out action steps according to the illustration.
- SabbathMode is activated.
- Status display continuously shows SabbathMode.

Deactivating SabbathMode

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

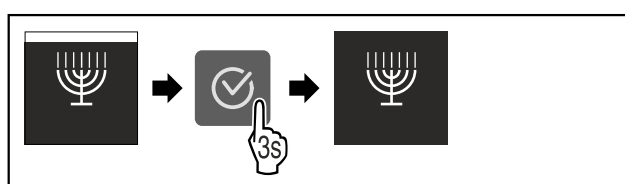


Fig. 135

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



E-Saver

Use this function to activate or deactivate energy saving mode. If you activate energy saving mode, energy consumption drops and the temperature in the appliance increases. Food remains fresh, but shelf life is reduced.

Temperature zone	Recommended setting (see Setting the temperature in the fridge section)	Temperature while E-Saver is active
5 °C Fridge section	4 °C	7 °C
-18 °C Freezer section	-18 °C	-16 °C

Temperatures

Activating E-Saver



Fig. 136

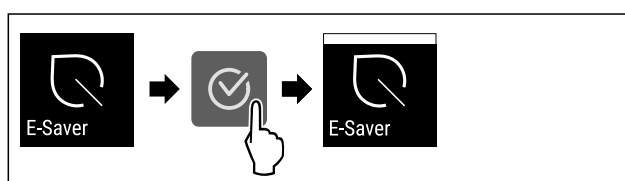


Fig. 137

- Carry out action steps according to the illustration.

Use

► Energy saving mode is activated.

Deactivating E-Saver



Fig. 138

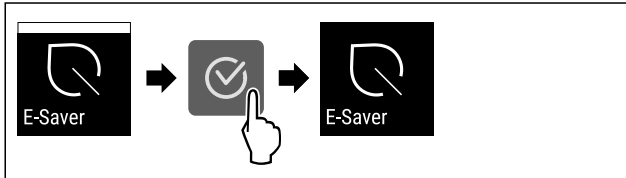


Fig. 139

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



CleaningMode

This function activates and deactivates CleaningMode. CleaningMode enables you to comfortably clean the appliance.

This setting relates to the fridge compartment.

Application:

- Clean the fridge compartment. (see 10.6 Cleaning the appliance)

Appliance status with active CleaningMode
The status display continuously shows CleaningMode.
The fridge section is switched off.
The interior lighting is activated.
Reminders and warnings are not displayed. No signal tone is sounded.

Appliance status

Activating CleaningMode



Fig. 140

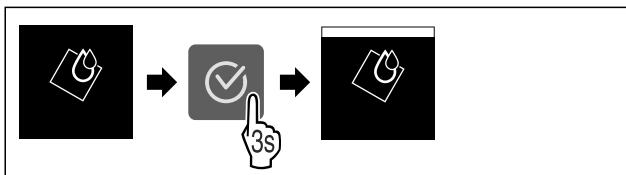


Fig. 141

- Carry out action steps according to the illustration.
- CleaningMode is activated.
- Status display continuously shows CleaningMode.

Deactivating CleaningMode

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

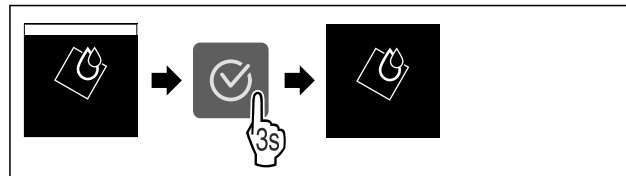


Fig. 142

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



Input lock

This function activates and deactivates the input lock. The input lock prevents the appliance from being operated accidentally, e. g. by children.

Application:

- Prevent unintentional changes of functions.
- Prevent switching off of the appliance.
- Prevent unintentional temperature setting.

Activating the input lock

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



Fig. 143

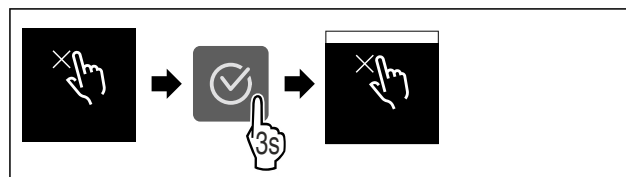


Fig. 144

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

Deactivating the input lock



Fig. 145

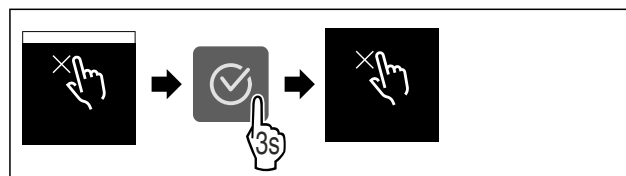


Fig. 146

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



Reminder

Use this function to activate or deactivate reminder. This function is activated upon delivery.

The following reminders will then appear if the function is activated:

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

Activating reminder

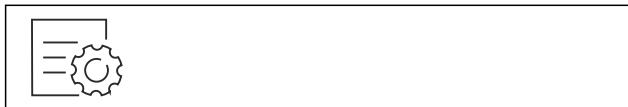


Fig. 147

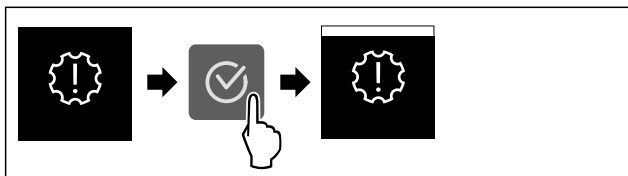


Fig. 148

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

Deactivating reminder

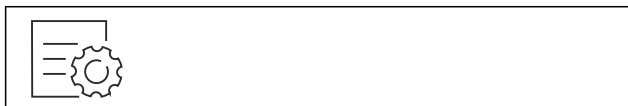


Fig. 149

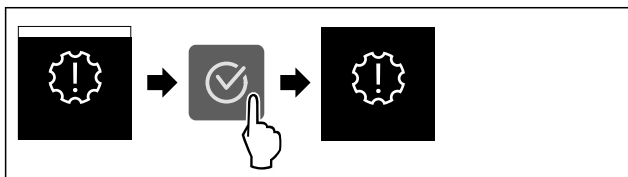


Fig. 150

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

Temperature unit

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

Setting the temperature unit



Fig. 151

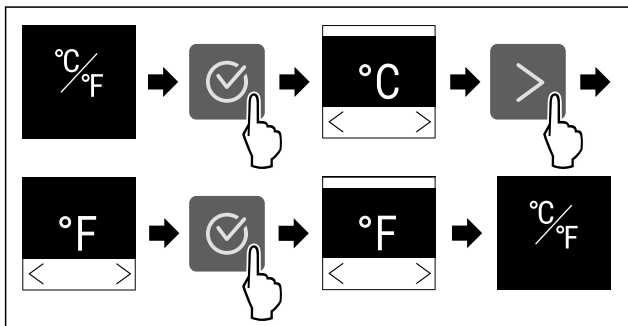


Fig. 152 Example illustration: Switching between degrees Celsius or degrees Fahrenheit.

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



Display Brightness

Use this function to set the brightness of the display gradually.

You can set the following brightness levels:

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

Setting the brightness

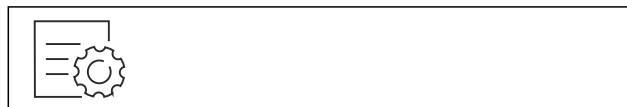


Fig. 153

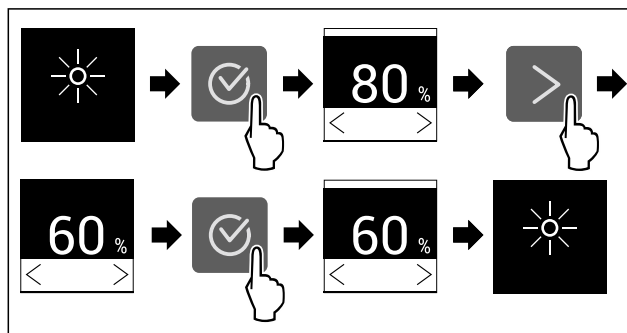


Fig. 154 Example illustration: Switching from 80 % to 60 %.

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



WiFi

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

To connect your device to WiFi, you need the SmartDeviceBox.

More information on the SmartDevice: (see 2.2 SmartDevice)

Note

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

You cannot use the SmartDeviceBox.

Establishing the WiFi connection for the first time

Make sure that the following requirements are fulfilled:

- ☐ You have purchased and inserted a SmartDeviceBox. (see 2.2 SmartDevice)
- ☐ You have installed the SmartDevice app (see apps.home.liebherr.com).
- ☐ Registration in the SmartDevice app is completed.



Fig. 155

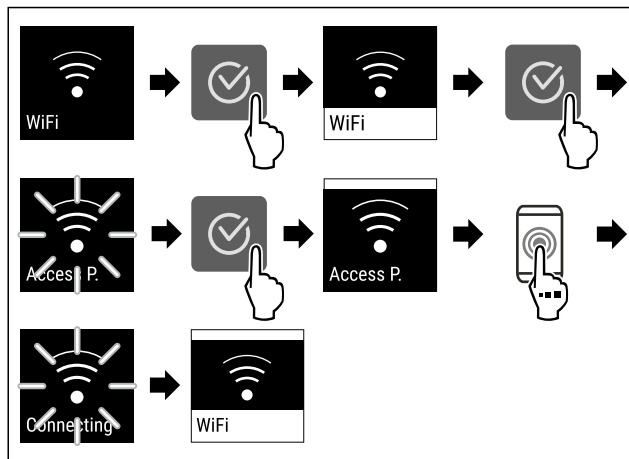


Fig. 156

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

Disconnecting from the WiFi



Fig. 157

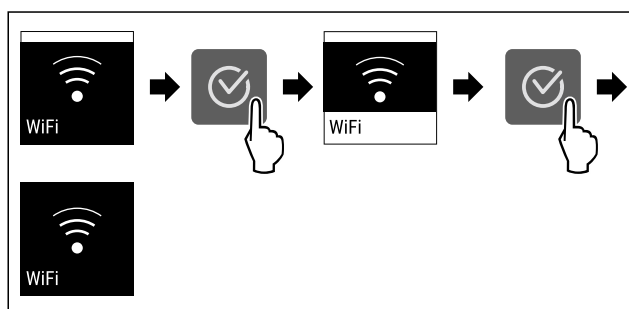


Fig. 158

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

Resetting the WiFi connection



Fig. 159

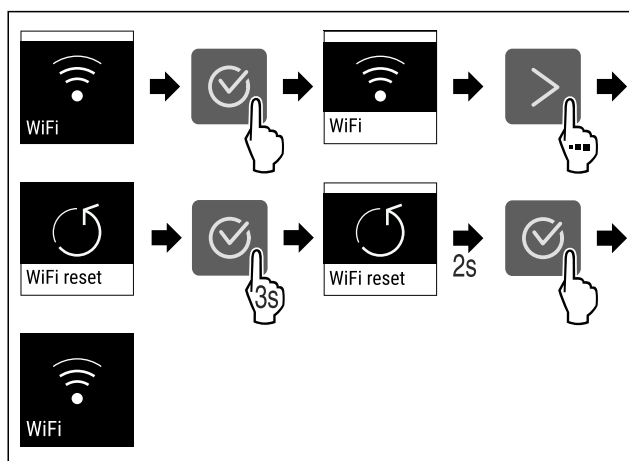


Fig. 160

- 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. 161

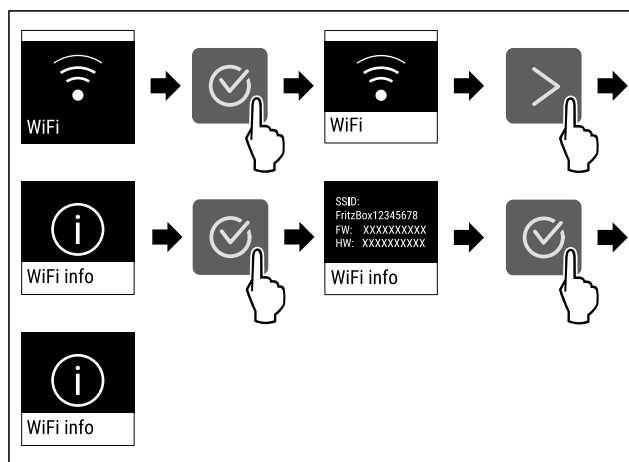


Fig. 162

- Carry out action steps according to the illustration.



Appliance information

Use this function to display the model name, index, serial number and service number of your appliance. You will need the appliance information when you contact customer service. (see 11.4 Customer Service)

Display appliance information



Fig. 163



Fig. 164

- Carry out action steps according to the illustration.
- Display shows the appliance information.



Software

Use this function to display the software version of your appliance.

Display software version



Fig. 165

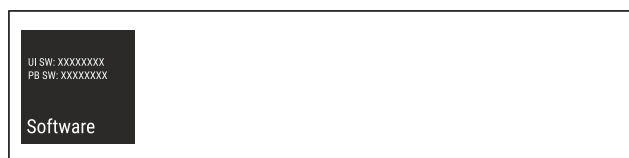


Fig. 166

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



Start defrost cycle

Use this function to start the automatic defrost cycle manually if the defrost cycle does not start automatically in case of an error.

Starting the defrost cycle



Fig. 167

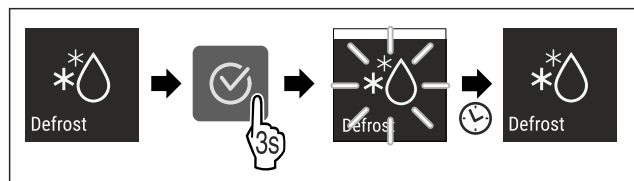


Fig. 168

- ▶ Carry out action steps according to the illustration.
- ▶ Defrost cycle has started: Symbol flashes until the defrost cycle is automatically completed.
- ▶ When the defrost cycle is completed: Appliance continues to run in normal operation.

Canceling the defrost cycle

The defrost cycle is automatically completed. However, you can also cancel the defrost cycle at any time during the defrosting:

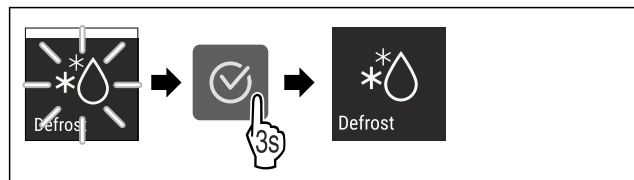


Fig. 169

- ▶ Carry out action steps according to the illustration.
- ▶ Defrost cycle is canceled.
- ▶ Appliance continues to run in normal operation.



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 upon delivery. You can set how long to door can remain open until the door alarm sounds.

You can set the following values:

- 1 minute
- 2 minutes
- 3 minutes
- Off

Setting the door alarm



Fig. 170

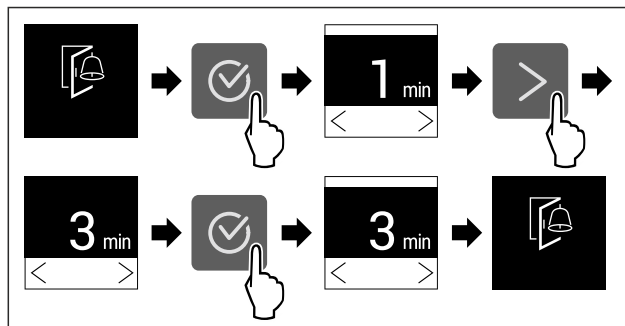


Fig. 171 Example illustration: Changing the door alarm from 1 minute to 3 minutes.

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

Deactivating door alarm

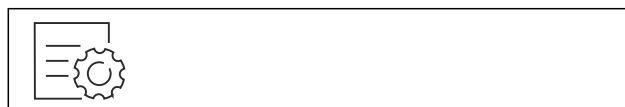


Fig. 173

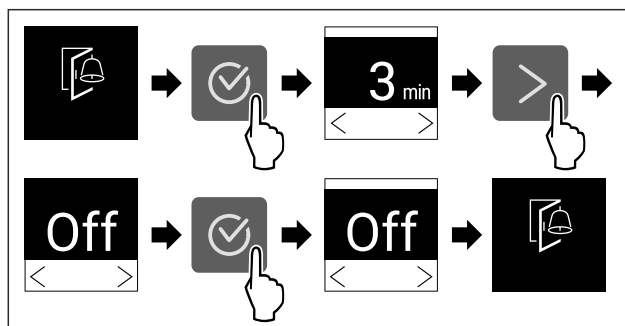


Fig. 174

- ▶ Carry out action steps according to the illustration.
- ▶ Door alarm 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. 175

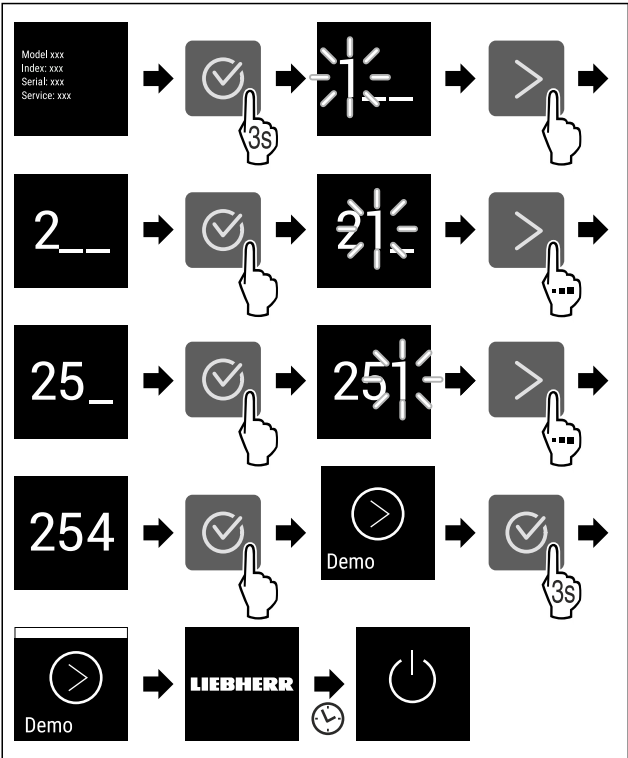


Fig. 176

- ▶ Carry out action steps according to the illustration.
- ▶ Demo mode is activated.
- ▶ Appliance is switched off.
- ▶ Switch on the appliance. (see 5.1 Switching on appliance (first use))
- ▶ “DEMO” appears in the status display.

Deactivating demo mode

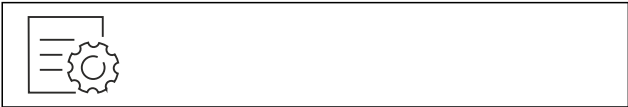


Fig. 177

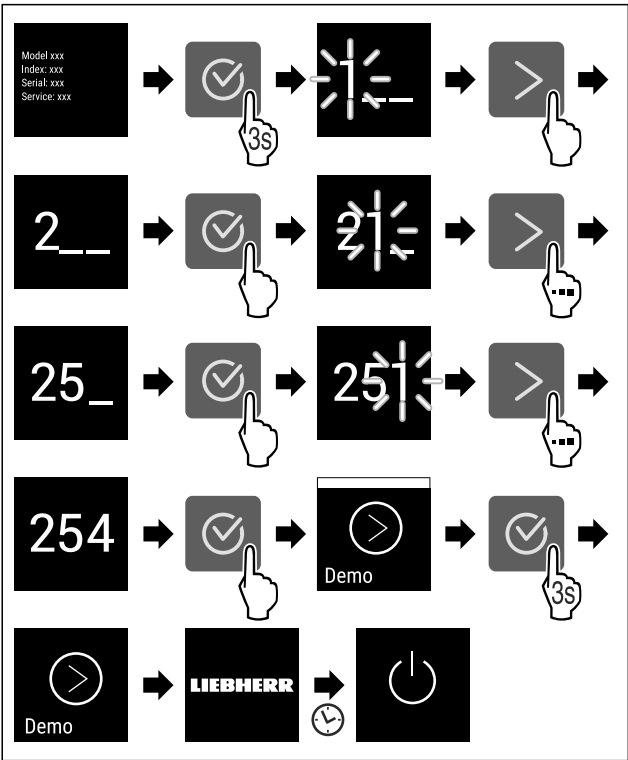


Fig. 178

- ▶ Carry out action steps according to the illustration.
- ▶ Demo mode is deactivated.
- ▶ Appliance is switched off.
- ▶ Switch on the appliance. (see 5.1 Switching on appliance (first use))
- ▶ Appliance is reset to factory settings.

 Resetting to factory settings

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

Performing a reset



Fig. 179

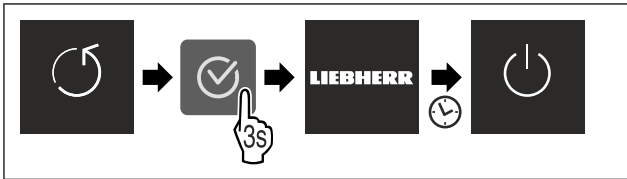


Fig. 180

- ▶ Carry out action steps according to the illustration.
- ▶ Appliance is reset.
- ▶ Appliance is switched off.
- ▶ Restart the appliance. (see 5.1 Switching on appliance (first use))

8.3 Messages

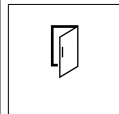
There are two categories of messages:

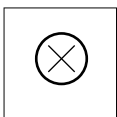
Category	Meaning
Warning	Warnings are displayed if there is a door alarm or a malfunction. You can easily end warnings yourself. For any major malfunction, you must contact Customer Service. (see 11.4 Customer Service)
Reminder	Reminders remind you of general processes. You can perform these processes and end the message doing so.

8.3.1 Overview of warnings

The appliance's behavior in the event of a warning:

- Warning appears in the display.
- Alarm sounds in increasing volume.
- For some warnings the interior lighting pulses.

Message	Cause	Ending the message
 Door alarm	The message appears if the door is open for too long.	Carry out action steps. (see Door alarm)

Message	Cause	Ending the message
 Power failure alarm	The message appears if the freezing temperature increases due to a power outage.	Carry out action steps. (see Power failure alarm)
 Temperature alarm	The message appears if the freezing temperature does not correspond to the set temperature.	Carry out action steps. (see Temperature alarm)
 Error	This message appears if there is an appliance error. An appliance module indicates an error.	Carry out action steps. (see Error)

8.3.2 Ending warnings

Door alarm

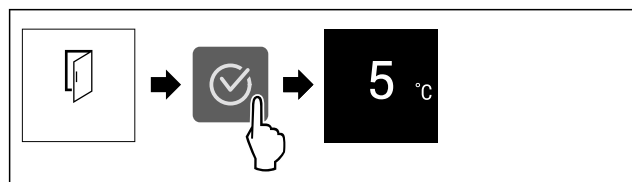


Fig. 181 Example illustration

- ▶ Carry out action steps according to the illustration.

-or-

- ▶ Close the door.

- ▶ Display skips to status display.
- ▶ The appliance cools more intensely, so the temperature shown on the display may be higher than the actual temperature inside the appliance.
- ▶ Appliance noises may be louder.

You can set how long to door may remain open until the door alarm sounds. (see Setting the door alarm)

Power failure alarm

Once the power failure has ended, the appliance automatically cools to the target temperature set earlier without you having to confirm the message. But you must confirm it in order for the message to disappear on the display.

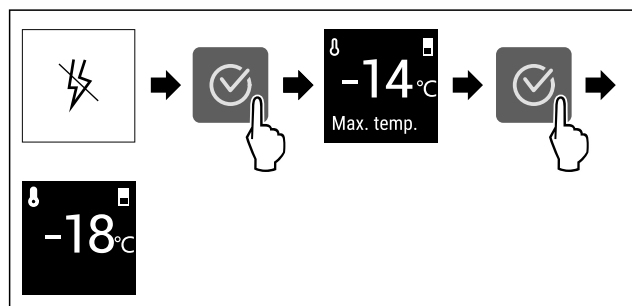


Fig. 182 Example illustration

- ▶ Press the Confirm symbol.
- ▶ The warmest freezing temperature is displayed.
- ▶ If the freezing temperature was below -9 °C: Food can still be eaten.
- ▶ If the freezing temperature exceeded -9 °C: Check the food.

- ▶ Press the Confirm symbol.
- ▶ Display skips to status display: The current temperature and target temperature are displayed.

Temperature alarm

Causes for the temperature differences may be:

- You have put in warm, fresh food.
- Too much warm room air has flowed in during the rearrangement and removal of food.
- The power has been out for a longer period of time.
- The appliance is defective.

- ▶ Remedy the cause.

- ▶ The appliance cools to the target temperature set earlier:

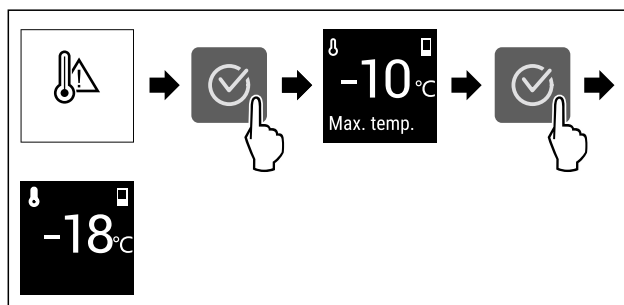


Fig. 183 Example illustration

- ▶ Press the Confirm symbol.
- ▶ The warmest freezing temperature is displayed.
- ▶ If the freezing temperature was below -9 °C: Food can still be eaten.
- ▶ If the freezing temperature exceeded -9 °C: Check the food.
- ▶ Press the Confirm symbol.
- ▶ Display skips to status display: The current temperature and target temperature are displayed.

Error

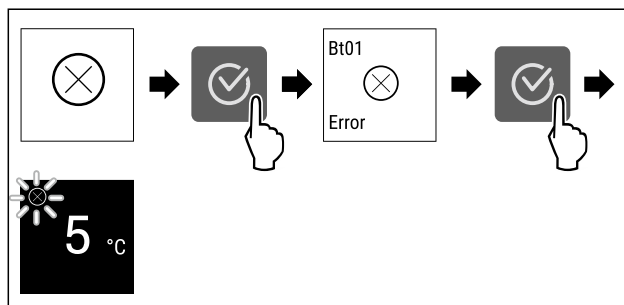


Fig. 184 Example illustration

- ▶ Press the Confirm symbol.
- ▶ Error code is displayed.
- ▶ Make a note of the error code.
- ▶ Press the Confirm symbol.
- ▶ Display skips to status display.
- ▶ Contact Customer Service. (see 11.4 Customer Service)

8.3.3 Overview of reminders

The appliance's behavior in the event of a reminders:

- Reminder appears in the display.
- Alarm tone sounds.
- For some reminders the interior lighting pulses.

You can deactivate the following reminders (see Deactivating reminder) :

- Replace FreshAir activated charcoal filter

Message	Cause	Ending the message
 Replace FreshAir activated charcoal filter	This message appears if you have to replace the FreshAir activated charcoal filter.	Carry out action steps. (see Replace FreshAir activated charcoal filter)

8.3.4 Ending reminders

Replace FreshAir activated charcoal filter

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

Note

Sie erhalten den FreshAir-Aktivkohlefilter im Liebherr-Hausgeräte-Shop unter go.liebherr.com/47wtc4.

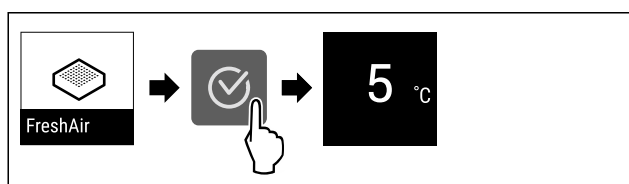


Fig. 185 Example illustration

- Press the Confirm symbol.
- Replace activated charcoal filter. (see 10.1 FreshAir carbon filter)
- The activated charcoal filter ensures optimum air quality in the refrigerator.
- Reminder appears again after 6 months.

If you no longer want to keep this reminder, you can deactivate the reminder. (see Deactivating reminder)

9 Equipment

9.1 Door racks

Door racks are suitable for storing beverages and food. You can move door racks for use as individually needed and disassemble them for cleaning. However, Liebherr recommends using the door racks in the position they are in when delivered from the plant.

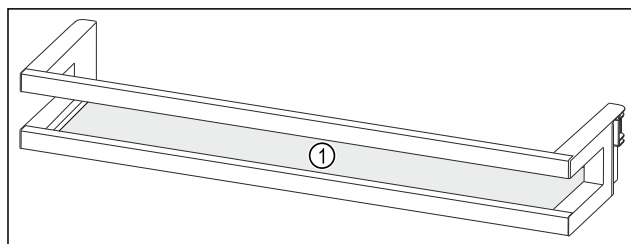


Fig. 186 Example illustration of the door racks

(1) Shelf

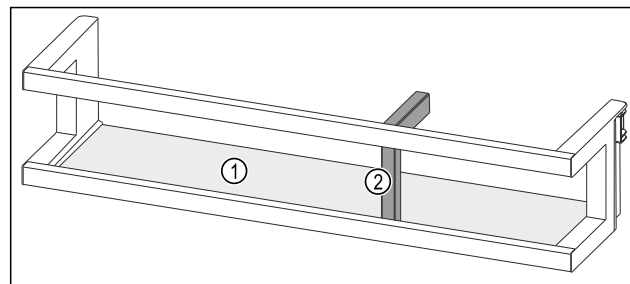


Fig. 187 Example illustration of the door racks with bottle holder

(1) Shelf

(2) Bottle holder

The following table shows examples of what you can store in each door rack.

Door racks	Food
Door racks (see Fig. 186)	Butter, cheese, canned food, tubes
Door racks with bottle holder (see Fig. 187)	Bottles Use the movable bottle holder to secure the bottles in the door rack.

9.1.1 Removing the door rack

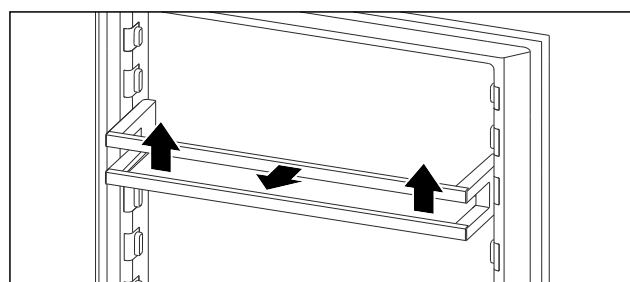


Fig. 188 Example illustration

- Move the door rack up.
- Move the door rack to the front.

9.1.2 Inserting the door rack



CAUTION

Risk of damage and/or injury due to improperly placed food or items!

If you place food or items on the lowest glass shelf, the door may not close properly. This may cause the door rack to break, allowing food or other items to fall out and cause injury.

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

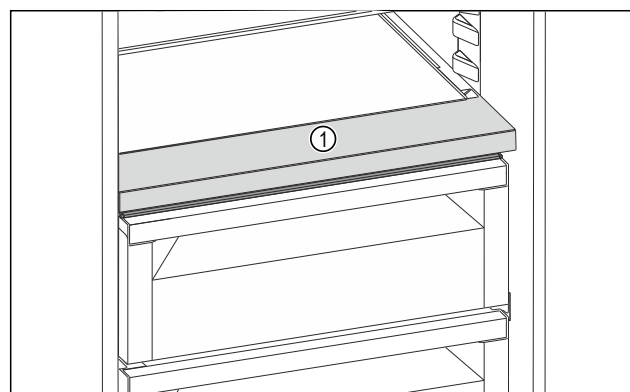


Fig. 189 Example illustration

(1) Front area

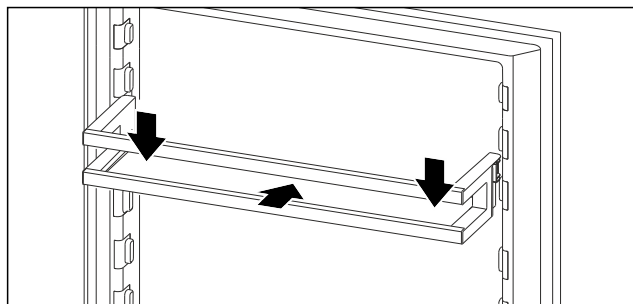


Fig. 190 Example illustration

- Insert the door rack.
- Press the door rack down.

9.2 Shelves

Different types of shelves are available depending on the appliance model:

- Single-piece shelf
- Shelf above the EasyFresh safe

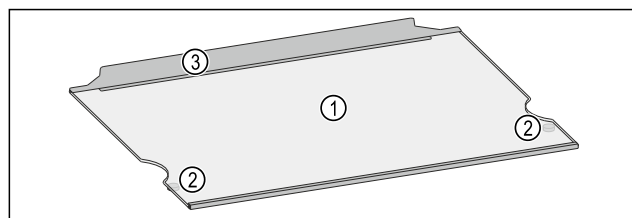


Fig. 191 Example illustration of shelf with retaining edge

- (1) Shelf
- (2) Pull-out stop
- (3) Retaining edge

9.2.1 Using the shelves in the fridge section

You can reposition the shelves, remove them completely, or remove them for cleaning.

Make sure that the following requirements are met:

- ☐ Shelves are empty.

Removing the shelf

The shelves are secured against unintentional removal by pull-out stops.

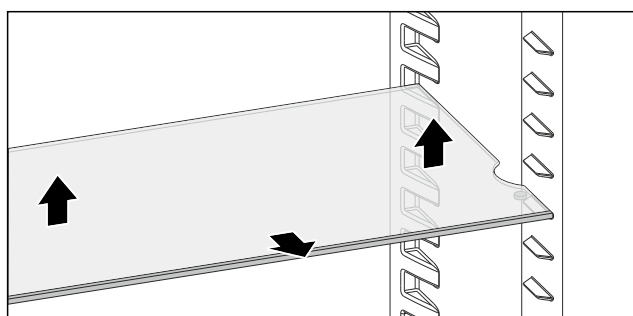


Fig. 192

- Lift the shelf.
- Remove the shelf by pulling it forward.

-or-

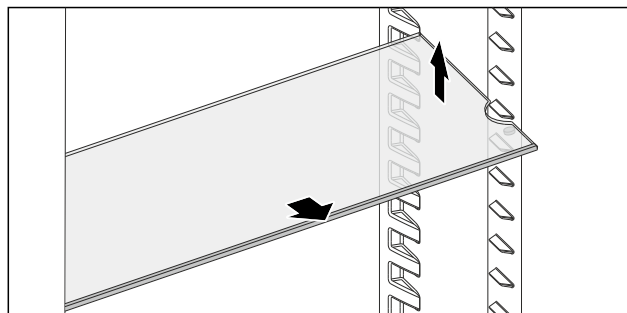


Fig. 193

- For easier removal: Tilt the shelf and remove it toward the front.

- The shelves have been removed.
- You can insert the shelves at a different height.

Inserting the shelves

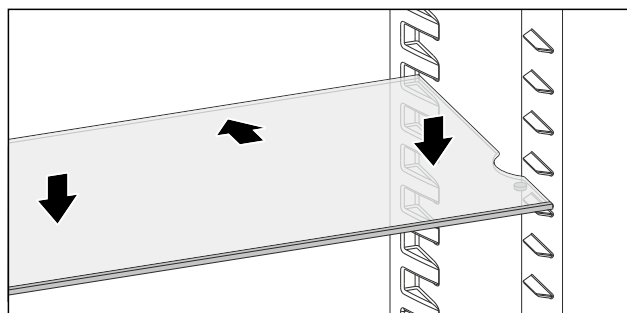


Fig. 194

If the pull-out stops point downward:

- Slide in the shelf as far as it will go.
- Lower the shelf.

-or-

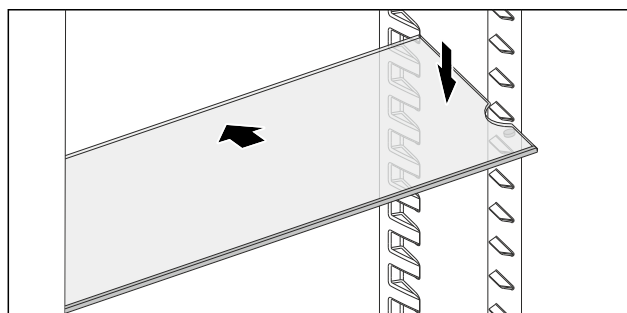


Fig. 195

- Insert the shelf at an angle and lower it.
- The pull-out stops are positioned behind the front support surface.

9.2.2 Removing / inserting the shelf above the EasyFresh safe

You can remove the shelf above the EasyFresh safe for cleaning.

Removing the shelf

Make sure that the following requirements are met:

- ☐ The shelf is empty.

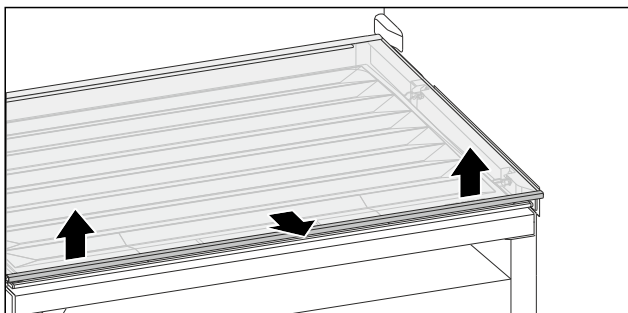


Fig. 196

- Lift the shelf at the front.
- Remove the shelf by pulling it forward.
- The compartment lid is visible.

Note

Liebherr recommends:

Do not store any product on the compartment lid below it.

Inserting the shelf

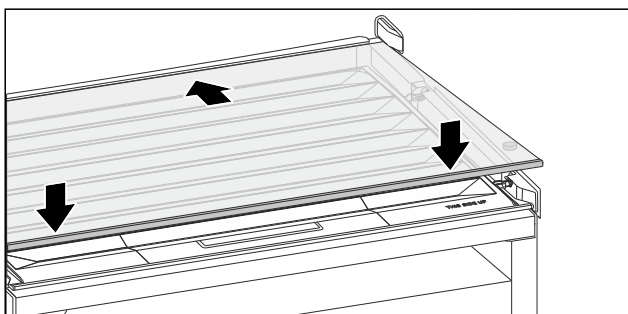


Fig. 197

If the pull-out stops point downward:

- Place the shelf at an angle, tilted back and down.
- Lower the front part downward.
- The pull-out stops are positioned behind the front support surface.

9.3 Drawers

You can remove the drawers for cleaning.

You can remove the drawers to use VarioSpace.

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

Note

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

- Leave the bottom drawer in the appliance.
- Always keep the fan air slots on the inside of the rear wall clear.

9.3.1 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

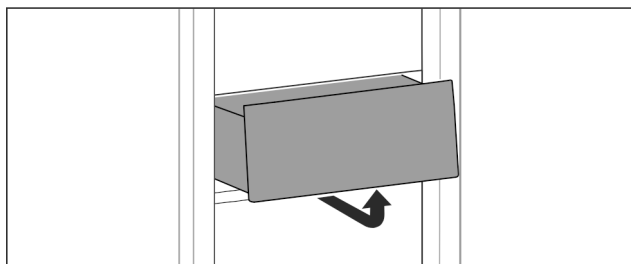


Fig. 198

- Remove drawer as shown in the diagram.

Inserting drawer

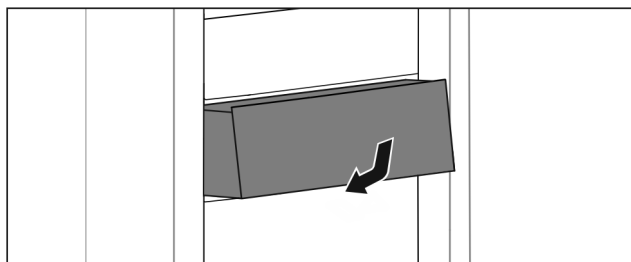


Fig. 199

- Insert drawer as shown in the diagram.

9.3.2 Drawer on glide rails

Removing drawer

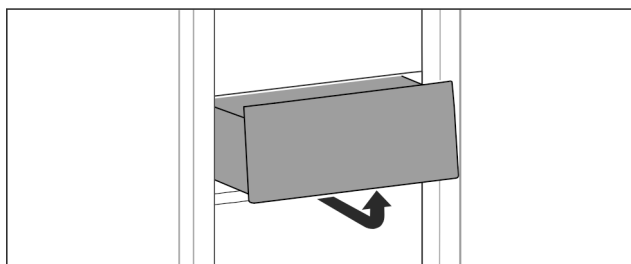


Fig. 200

- Remove drawer as shown in the diagram.

Inserting drawer

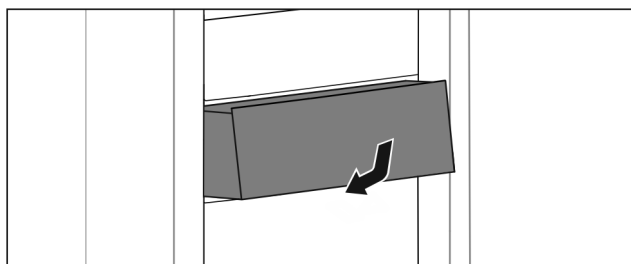


Fig. 201

- Insert drawer as shown in the diagram.

9.4 Lid for EasyFresh-safe

The lid ensures constant levels of humidity.

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

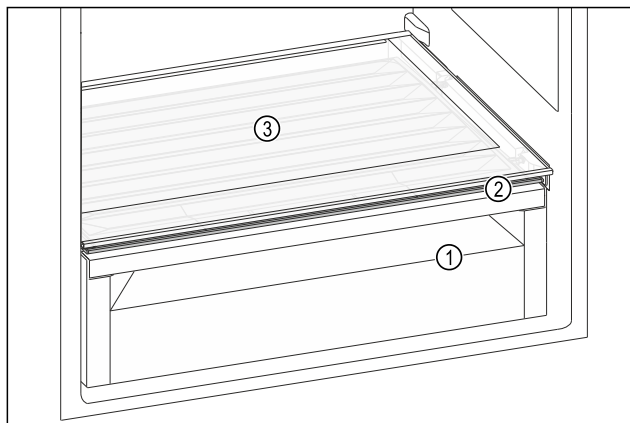


Fig. 202 Example illustration of the lid for EasyFresh-safe

- (1) EasyFresh-safe (3) Shelf
(2) Lid for EasyFresh-safe

9.4.1 Reducing humidity in the drawer

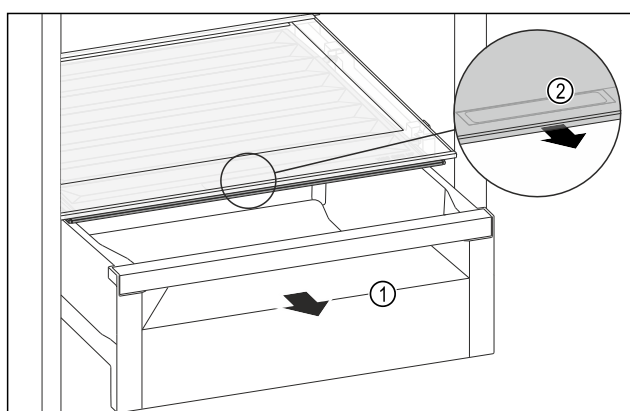


Fig. 203

- Pull out the drawer Fig. 203 (1).
- Grip the handle recess Fig. 203 (2) on the lid while pulling the lid forward at the same time.
- When the drawer is closed, there is a small gap between the lid and the drawer.

9.4.2 Increasing humidity in the drawer

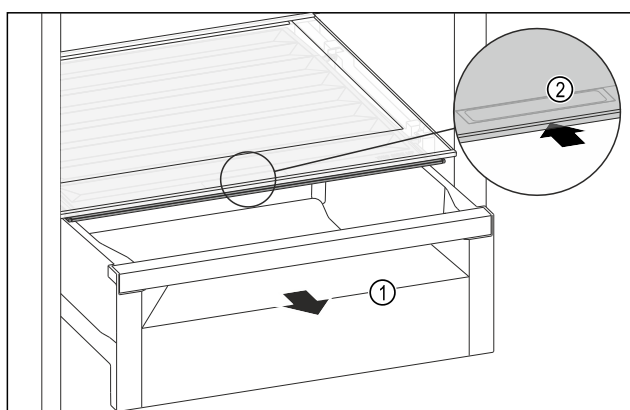


Fig. 204

- Pull out the drawer Fig. 204 (1).
- Grip the handle recess Fig. 204 (2) on the lid while pulling the lid backward at the same time.
- When the drawer is closed, the lid closes tightly with the drawer.

9.5 Glass shelves

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

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

9.5.1 Removing / inserting the glass shelf

Make sure that the following requirements are fulfilled:

- ❑ Glass shelf under the drawer: Drawer has been removed. (see 9.3 Drawers)

Removing glass shelf

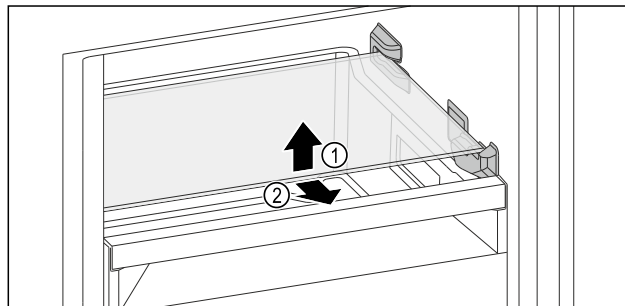


Fig. 205 Example illustration of the glass shelf

- Lift the front of the glass shelf.
- Remove the glass shelf from the front.

Inserting the glass shelf

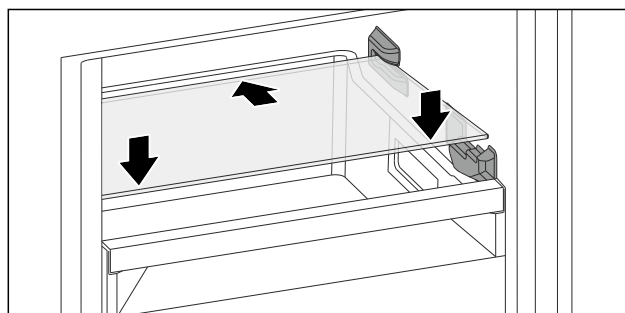


Fig. 206 Example illustration of the glass shelf

- Set down the glass shelf diagonally behind the stoppers.
- Lower glass shelf.
- Slide in glass shelf to the back.

9.6 VarioSpace

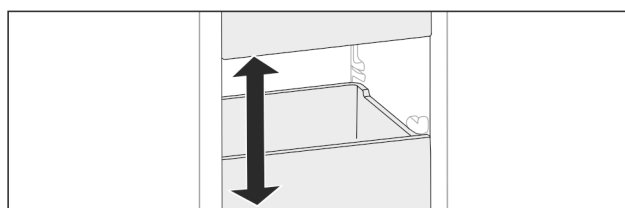


Fig. 207

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

- Note the load limits on the drawers and glass panels (see 11.1 Technical specifications).

Maintenance

9.7 Bottle rack

9.7.1 Using the bottle rack

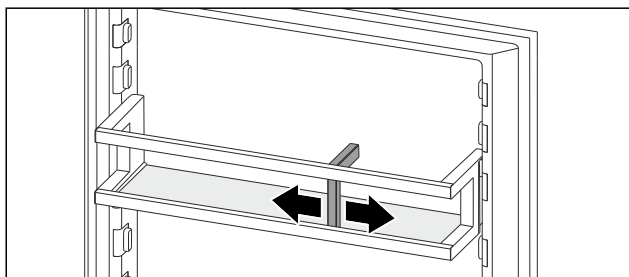


Fig. 208

- Slide the bottle rack at the edges.
- Stops bottles from tipping over.

10 Maintenance

10.1 FreshAir carbon filter

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

It guarantees the best air quality.

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

Note

Sie erhalten den FreshAir-Aktivkohlefilter im Liebherr-Hausgeräte-Shop unter go.liebherr.com/47wtc4.

10.1.1 Removing the FreshAir carbon filter

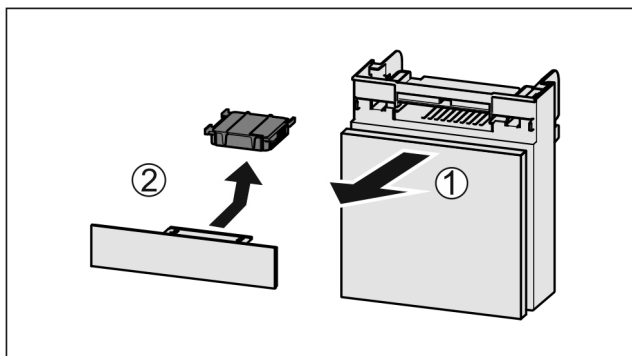


Fig. 209

- Pull out the compartment Fig. 209 (1).
- Remove the carbon filter Fig. 209 (2).

10.1.2 Inserting the FreshAir carbon filter

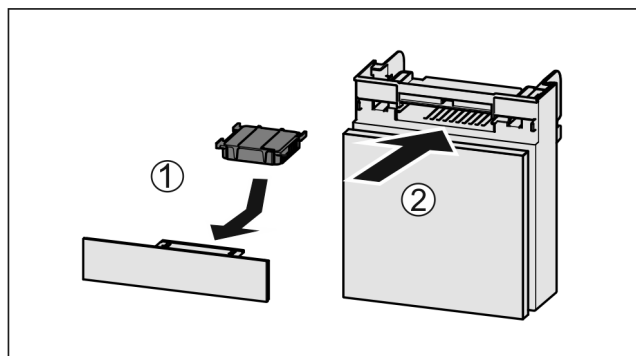


Fig. 210

- Insert the carbon filter as shown in the diagram Fig. 210 (1).
- The carbon filter clicks into place.
If the carbon filter is pointing downwards:
- Push the compartment in Fig. 210 (2).
- The carbon filter is now ready for use.

10.2 Removing/inserting the bottle holder

10.2.1 Removing the bottle holder

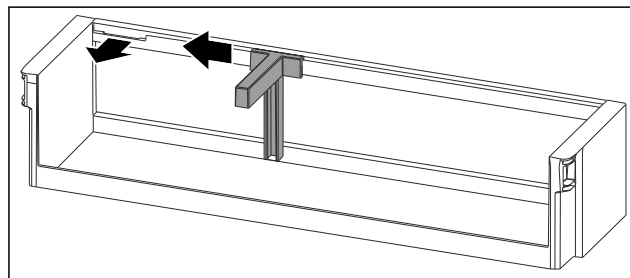


Fig. 211

- Push the bottle holder to the side up to the recess.
- Remove the bottle holder from the front.

10.2.2 Inserting the bottle holder

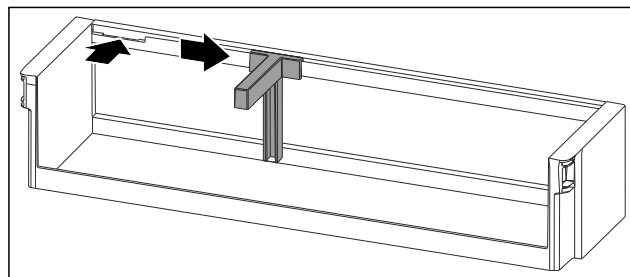


Fig. 212

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

10.3 Disassembling / assembling pull-out systems

10.3.1 Notes on disassembly

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

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

Pull-out system	can be disassembled / cannot be disassembled
Drawer on appliance base or glass shelf	cannot be disassembled
Drawer on glide rails	cannot be disassembled

10.4 Lid for EasyFresh-safe

You can remove the lid for cleaning.

10.4.1 Removing the lid

Make sure that the following requirements are fulfilled:

- ❑ The shelf directly above the drawer has been removed. (see 9.2 Shelves)
- ❑ The drawer directly below the lid has been removed. (see 9.3 Drawers)

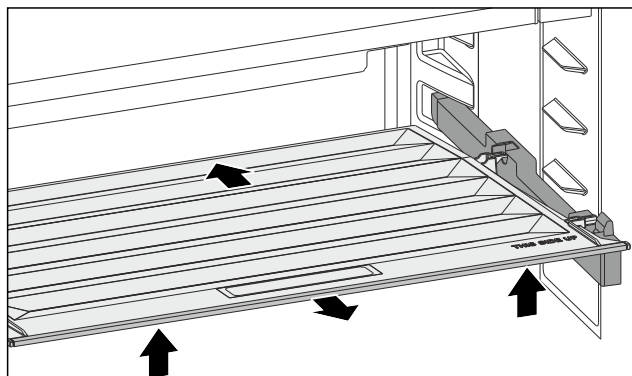


Fig. 213

- ▶ Push the lid backward.
- ▶ Lift up the lid forward.
- ▶ Remove the front lid by lifting it up at an angle.

10.4.2 Inserting the lid

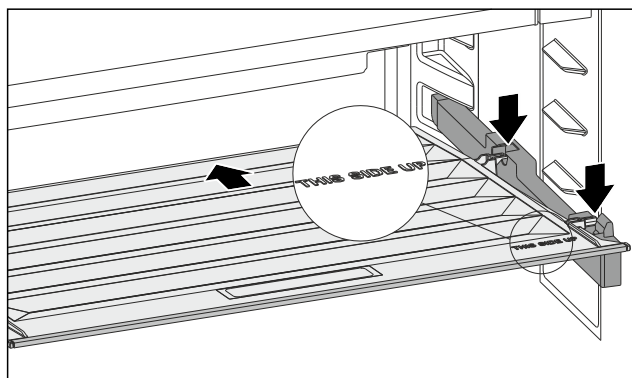


Fig. 214

If the lettering THIS SIDE UP is on top:

- ▶ Insert the rear bracket retainers in the corresponding rear openings.
- ▶ Push the lid backward.
- ▶ Lower the lid at the front and latch the front bracket retainers in the openings.
- ▶ Bring the lid to the desired position.

10.5 Defrosting the appliance

10.5.1 Defrosting the refrigerator compartment

Defrosting is performed automatically. The water from the thawing process runs out via the drain opening and is evaporated.

- ▶ Clean the drain hole regularly. (see 10.6 Cleaning the appliance)

10.5.2 Defrosting the freezer compartment with NoFrost

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

The appliance does not need to be defrosted.

10.6 Cleaning the appliance

10.6.1 Preparation



WARNING

Danger of electric shock.

- ▶ Unplug refrigerator or disconnect power.



WARNING

Risk of fire!

- ▶ Do not damage the refrigerant circuit.

- ▶ Empty the appliance.
- ▶ Pull out the power plug.

-or-

- ▶ Activate CleaningMode. (see CleaningMode)

10.6.2 Cleaning the interior

NOTICE

Improper cleaning!

Damage to the appliance.

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

- ▶ Plastic surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.
- ▶ Metal surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.
- ▶ Drain hole: remove any deposits with a thin item such as a cotton bud.

10.6.3 Cleaning the dry rear panel

You can remove the dry rear panel for cleaning.

Removing the rear panel

- ▶ Remove all equipment parts.

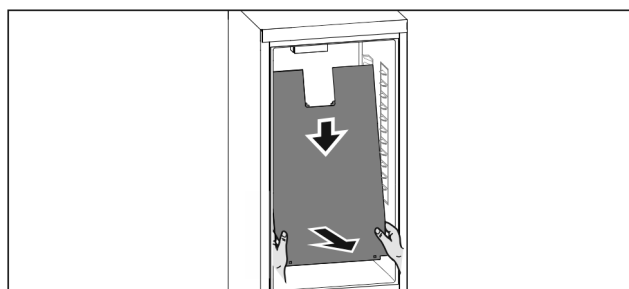


Fig. 215

- ▶ Hold the rear panel with both hands at the bottom and pull it down forcefully.
- ▶ Pull the rear panel out to the front by the bottom end.
- ▶ The rear panel has been removed.
If you want to operate the appliance with the rear panel removed:
- ▶ Set the D-Value to D2. (see D-Value)

Customer support

Inserting the rear panel

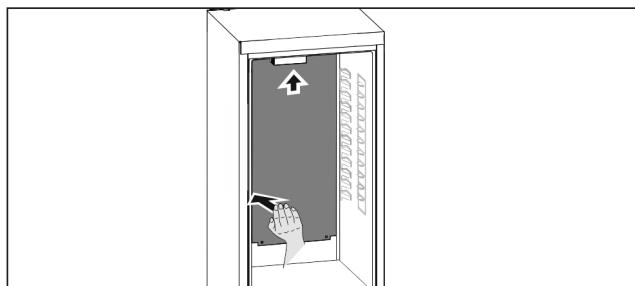


Fig. 216

- Make sure the appliance is completely empty.
- Push in the rear panel from the bottom to the top.
- Press the rear panel forcibly to the back at the left side.
- The rear panel latches audibly in place.
- Insert the equipment parts.
- Set the D-Value to D1. (see D-Value)

10.6.4 Cleaning the equipment

NOTICE

Improper cleaning!

Damage to the appliance.

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

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

- Door racks
- Shelf
- Lid for EasyFresh-safe
- Drawer

Clean in the dishwasher up to 60 °C:

- Bottle rack
- Disassemble the equipment: see the relevant section.
- Clean the equipment.

10.6.5 After cleaning

- Wipe dry the appliance and items of equipment
- Connect and switch on the appliance.
- Activate SuperFrost (see 8.2 Appliance functions) .
- When the temperature is sufficiently cold
- Place the food inside.
- Repeat cleaning regularly.

11 Customer support

11.1 Technical specifications

Temperature zone	
Cool:	2 °C to 9 °C
Freezing	-26 °C to -15 °C

Maximum amount of food to freeze / 24 hours	
Freezer	See type plate under "freezer capacity .../ 24 h"

Maximum loading weight of the freezer drawer	
Drawer	Maximum loading weight
Top and center drawer (drawer on glass shelf)	18 kg
Bottom drawer (drawer on the appliance floor)	12 kg

Lighting	
Energy efficiency 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 noises

The appliance makes noises while in operation.

- At **less cooling output** the appliance saves energy but takes longer to cool items. The volume is **lower**.
- At a **high cooling capacity**, food cools faster. The noise level is **higher**.

Examples:

- Activated functions (see 8.2 Appliance functions)
- Running fan
- Freshly sorted food
- High ambient temperature
- Door opened for long periods

Noise	Possible cause	Type of noise
Bubbling and splashing	Coolant is flowing into the cooling circuit.	Normal noise
Spitting and hissing	Coolant is spraying into the cooling circuit.	Normal noise
Humming	The appliance cools. The volume depends on the cooling output.	Normal noise
Whirring and murmuring	The fan is running.	Normal operating noise
Clicking	Components are being switched on and off.	Normal switching noise
Rattling or humming	Valves are active.	Normal switching noise

Noise	Possible cause	Type of noise	How to resolve
Vibration	Unsuitable installation	Error noise	Check installation. Set up the appliance.

Noise	Possible cause	Type of noise	How to resolve
Clattering	Equipment, Objects inside the appliance	Error noise	Secure equipment parts. Leave a gap between items.

less occurs during operation, please check whether the malfunction is due to an operating error. In this case, you will have to be charged for the costs incurred, even during the warranty period.

You may be able to rectify the following faults yourself.

11.3.1 Appliance function

11.3 Technical faults

Your appliance is designed and manufactured for reliable operation and a long service life. If a malfunction nonetheless

Defect	Cause	Remedy
The appliance does not work.	→ The appliance is not switched on.	► Switch on the appliance.
	→ The power plug is not properly inserted in the wall socket.	► Check the power plug.
	→ The power fuse in the wall socket is not OK.	► Check the fuse.
	→ Power failure.	► Keep the appliance closed. ► Protect food: Place cold storage batteries on the food or use another freezer appliance if the power failure lasts longer. ► Do not re-freeze defrosted food.
	→ The IEC socket is not correctly plugged into the appliance.	► Check the IEC socket.
The temperature is not cold enough	→ This means that the door of the appliance is not closed properly	► Close the appliance door
	→ Insufficient ventilation	► Clear and clean the ventilation grille.
	→ The ambient temperature is too high	► Problem solution: (see 1.7 Climate classes)
	→ The appliance was opened too frequently 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 incorrectly set	► Set to a colder temperature and check after 24 hours.
	→ The appliance is too near to a heat source (stove, heater etc).	► Change location of appliance or the heat source.
	→ The appliance was not properly installed in the recess.	► Make sure the appliance was installed correctly and the door closes properly.
The temperature shown on the display is higher than the actual temperature inside the appliance.	→ The appliance door was open too long, which automatically triggered the door alarm. The appliance cools more intensively as a result.	► Close the appliance door.
The door seal is defective or should be replaced for other reasons.	→ The door seal is interchangeable. You can replace it without the use of any special tools.	► Contact Customer Service. (see 11.4 Customer Service)
The appliance is iced up or condensation is building.	→ The door seal may have slipped out of its groove.	► Check the door seal is well placed in the groove.

Decommissioning

11.3.2 Equipment

Defect	Cause	Remedy
The interior light does not turn on.	→ The appliance is not switched on.	▶ Switch on the appliance.
	→ The door was open for more than 15 minutes.	▶ If the door is open, the interior lighting switches off automatically after about 15 minutes.
	→ 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 support). 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.

- ▶ Repairs and work on the appliance and the power supply cable not described in the Manual (see 10 Maintenance) should only be carried out by a qualified service provider.
- ▶ A damaged power cable may only be replaced by the manufacturer, the manufacturer's Customer Service or a similarly qualified person.
- ▶ For appliances with an IEC connector, the change can be made by the customer.

11.4.1 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 Appliance information)

-or-

- ▶ Refer to the type plate for appliance information. (see 11.5 Rating plate)
- ▶ Take note of the appliance information.
- ▶ Notify customer service: Report errors and the appliance information.
- ▶ This will help us give you fast and accurate support.
- ▶ Follow further instructions from Customer Service.

11.5 Rating plate

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

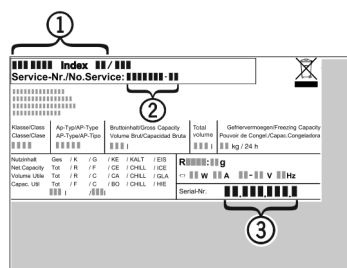


Fig. 217

- (1) Appliance name
(2) Service no.

- (3) Serial no.

- ▶ Information from the nameplate.

12 Decommissioning

- ▶ Empty appliance.
- ▶ Switch off appliance. (see Switching appliance off and on)
- ▶ Pull the power plug from the outlet.
- ▶ If necessary, remove the IEC socket: Pull the IEC socket out of the appliance plug while turning it to the left and right at the same time.
- ▶ Clean appliance. (see 10.6 Cleaning the appliance)
- ▶ Leave the door open to prevent unpleasant odors.

13 Disposal

Make sure that the following requirements are met:

- ☐ The meaning of the symbols on the appliance is known.
- ☐ The information about disposal is known. (see 1.5 Disposal Instructions)

13.1 Preparing the appliance disposal

- ▶ Take the appliance out of operation. (see 12 Decommissioning)

13.2 Environmentally friendly disposal of the appliance



WARNING

Risk of fire due to escaping refrigerant and oil!
The refrigerant inside the appliance is environmentally friendly, but flammable. The oil used is also flammable. If the refrigerant and oil escape in high concentrations and come into contact with an external heat source, they can ignite.

- ▶ Avoid damaging the refrigerant lines and compressor.
- ▶ Observe the notes on appliance transport. (see 3.3 Transporting the appliance)
- ▶ Transport the appliance away without damaging it.
- ▶ Dispose of the appliance as specified.

Scan QR Code and find
digital operating and
installation instructions.



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