



## Installation Guide

Quality, Design and Innovation



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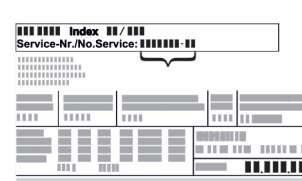

# LIEBHERR




# General safety instructions

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

Symbol	Explanation
	<b>Read instructions</b> Please read the information in these instructions carefully to understand all of the benefits of your new appliance.
	<b>Additional information on the Internet</b> The digital manual with additional information and in other languages can be found via the QR code on the front of the manual or by entering the service number at <a href="http://home.liebherr.com/fridge-manuals">home.liebherr.com/fridge-manuals</a> . The service number can be found on the serial tag:  <i>Fig. Example illustration</i>
	<b>Check appliance</b> Check all parts for transport damage. If you have any complaints, please contact your agent or customer service.

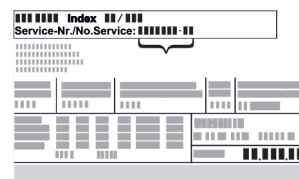
Symbol	Explanation
	<b>Differences</b> These instructions apply to a range of models, so differences are possible. Sections that apply to certain models only are marked with an asterisk (*).
	<b>Instructions and results</b> Instructions are marked with a ►. Results are marked with a ◄.
	<b>Videos</b> Videos about the appliances are available on the YouTube channels of Liebherr-Hausgeräte.

### Open source licences:




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

## 1 General safety instructions

- Please keep this assembly manual in a safe place so you can refer back to it at any time.
- If you pass the appliance on, please hand this assembly manual to the next user.
- Read this assembly manual carefully before installation and use to ensure safe and correct use of the appliance. Follow the instructions, safety instructions and warning messages included at all times. They are important for ensuring you can operate and install the appliance safely and without any problems.
- First read the general safety instructions in the "General safety instructions" section of the **operating instructions**, which accompany these installation instructions, and follow them. If you cannot find the **operating instructions**, you can download the **operating instructions** from the internet by entering the service number at [home.liebherr.com/fridge-manuals](http://home.liebherr.com/fridge-manuals). The service number can be found on the serial tag:



- **Observe the warning messages and other detailed information in the other sections when installing the appliance:**

	DANGER	identifies a situation involving direct danger which, if not obviated, may result in death or severe bodily injury.
	WARNING	identifies a dangerous situation which, if not obviated, may result in death or severe bodily injury.
	CAUTION	identifies a dangerous situation which, if not obviated, may result in minor or medium bodily injury.
	NOTICE	identifies a dangerous situation which, if not obviated, may result in damage to property.

Note	identifies useful instructions and tips.
------	--

## 2 Installation requirements

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

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



### WARNING

Danger of fire due to incorrect positioning!

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

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



### WARNING

Fire hazard due to dampness!

If live parts or the mains lead become damp this may cause short circuits.

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



### WARNING

Leaking coolant and oil!

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

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

## 2.1 Installation site

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

## 2.2 Position in space

- Do not install the appliance in direct sunlight or near radiators or similar sources of heat.
- You can install the appliance directly next to an oven.
- If the appliance is installed directly next to an oven, the energy consumption may increase slightly. This is dependent on the service life and usage intensity of the oven.
- Only fit the appliance into solid units.
- Use in hazardous areas is not permitted.

## 3 Appliance dimensions

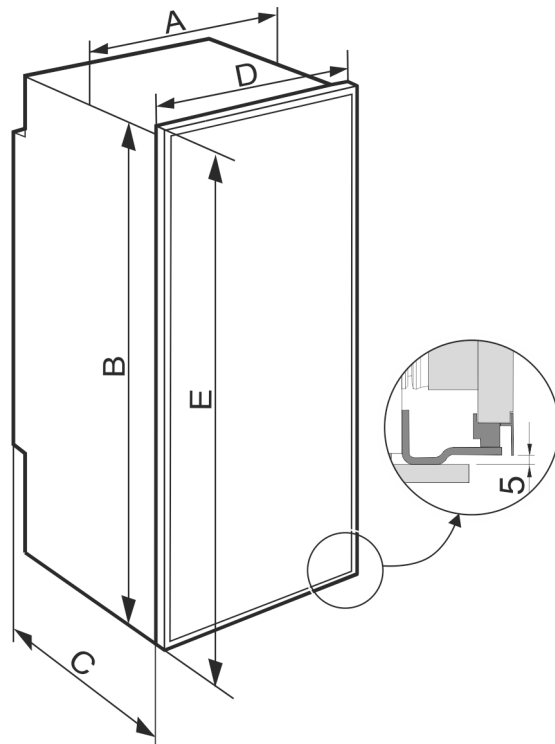


Fig. 1

DR.. 39..	
A (mm)	557
B (mm)	872
C (mm)	512
D (mm)	591
E (mm)	888

DR.. 41..	
A (mm)	557
B (mm)	1213
C (mm)	512
D (mm)	591
E (mm)	1232

## 4 Recess dimensions

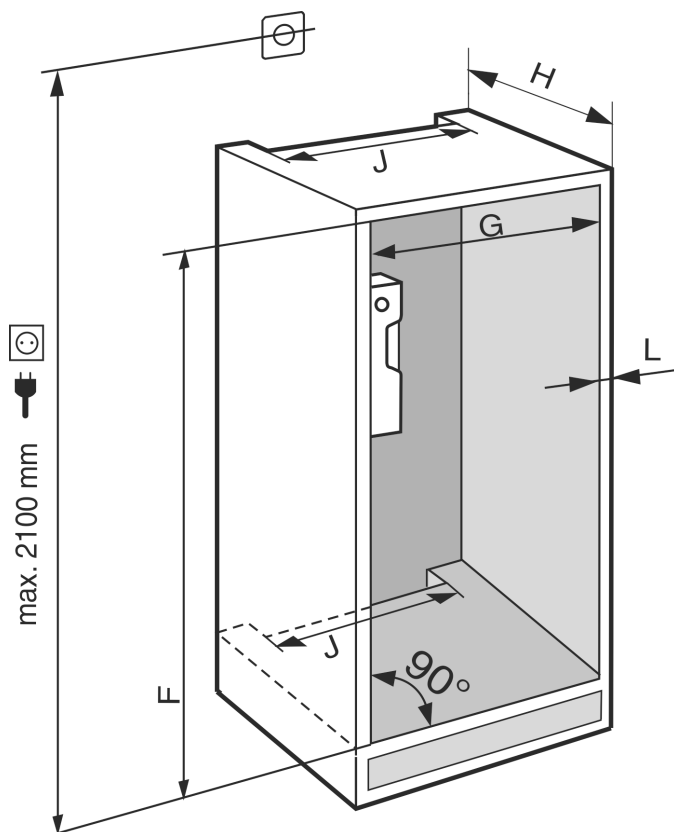


Fig. 2

DR.. 39..	
<b>F (mm)</b>	874 to 880
<b>G (mm)</b>	560 to 570
<b>H (mm)</b>	min. 550, recommended 560
<b>J (mm)</b>	min. 500
<b>L (mm)</b>	max. 19

DR.. 41..	
<b>F (mm)</b>	1216 to 1226
<b>G (mm)</b>	560 to 570
<b>H (mm)</b>	min. 550, recommended 560
<b>J (mm)</b>	min. 500
<b>L (mm)</b>	max. 19

The specified energy consumption was determined with a kitchen unit depth of 560 mm . The device will work properly at a kitchen unit depth of 550 mm , but with a slightly higher energy consumption.

- ▶ Check the wall thickness of adjacent cabinets: They must have a minimum of 16 mm .
- ▶ Only fit the appliance into stable, solid kitchen units. Secure the unit against tipping.
- ▶ Align the cabinets with a spirit level and a try square. If necessary, level them by putting something underneath them.
- ▶ Make sure floor and the side panels of the cabinet are at right angles to each other.

## 5 Ventilation requirements

### NOTICE

Covered vents!

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

- ▶ Always make sure there is good ventilation.
- ▶ Always keep vents or ventilation grids in the appliance housing and in the kitchen furniture (fully integrated appliance) unobstructed.
- ▶ Always keep the fan air vents unobstructed.

Always follow the required ventilation gaps:

- The depth of the ventilation shaft at the back of the cabinet must be at least 38 mm.
- At least 200 cm<sup>2</sup> is required for the ventilation gap cross sections in the plinth and the housing cabinet.
- As a rule, 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 cm<sup>2</sup>. 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.

## 6 Transporting the appliance

### 6.1 Transporting the appliance for initial use

Ensure that the following requirements are met:

- ☐ The appliance is packaged.
- ☐ The appliance is upright.
- ▶ Transport the appliance with the help of two people.
- ▶ Unpacking the appliance. (see 7 Unpacking the appliance)

### 6.2 Transporting the appliance after initial use

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

Ensure that the following requirements are met:

- ☐ The appliance is emptied.
- ☐ The appliance is upright.
- ☐ Appliance with door(s): Door is secured against accidental opening.
- ☐ Appliance with telescopic unit: The telescopic unit is secured against accidental opening.
- ☐ Appliance is removed.
- ▶ Transport the appliance with the help of two people.

## 7 Unpacking the appliance

Before you connect the appliance, report any damage immediately to the delivery company.

- ▶ Check the appliance and the packaging for damage during transport. Contact the supplier immediately if you suspect any level of damage.
- ▶ Remove all materials from the back or the side walls of the appliance that may prevent proper installation or ventilation.
- ▶ Remove all protective films from the appliance. Do not use sharp or pointed objects for this.

## 8 Setting up the appliance



### CAUTION

Risk of injury due to heavy appliance!

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



### WARNING

Danger of injury and damage due to the appliance being unstable!

The appliance can topple over.

- Secure the appliance as described in the instructions.



### WARNING

Fire hazard and danger of damage!

- Do not place appliances emitting heat e.g. microwaves, toasters etc. on the appliance!

If possible, have the appliance installed in the kitchen unit by a professional.

Do not install the appliance on your own.

### 8.1 After installation

- Remove all transport safety components.
- Clean the appliance (see User Guide, Cleaning the appliance).

## 9 Installing multiple appliances

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

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

### NOTICE

Risk of damage due to condensate!

- Do not place the appliance directly next to another cooling/refrigeration unit.

### NOTICE

Risk of damage due to condensation!

- Do not place the appliance directly on top of another cooling/refrigeration unit.

Model	Installation method
All models	Standalone
Models with a model designation starting with <b>S...</b>	Side-by-Side (SBS)
Models up to a maximum niche height of 880 mm and with a heated ceiling can be installed "on top of each other". Top appliance: up to a maximum niche height of 140 mm	On top of each other

*Models and their installation method*

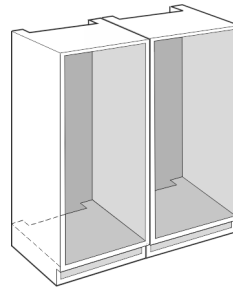


Fig. 3

Install each appliance into a separate unit niche.

## 10 Disposing of packaging



### WARNING

Danger of suffocation due to packing material and plastic film!

- Do not allow children to play with packing material.

The packaging is made of recyclable materials:





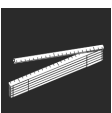





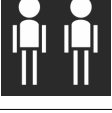



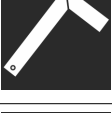
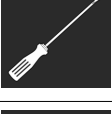

- corrugated board/cardboard
- expanded polystyrene parts
- polythene bags and sheets
- polypropylene straps
- nailed wooden frame with polyethylene panel\*
- Take the packaging material to an official collecting point.




## 11 Explanation of symbols used

	There is a danger of injury during this step! Observe the safety instructions!
	The instruction is valid for several models. Only perform this step if it applies to your appliance.
	For installation, please refer to the detailed description in the text section of the instructions.
	Section is valid for either a single-door appliance or a double-door appliance.
	Choose between the following options: Appliance with door hinge on the right or appliance with door hinge on the left.
	Installation step required for IceMaker and/or InfinitySpring.
	Only loosen or lightly tighten the screws.



## \*\*\*\* freezer compartment door\*

	firmly tighten the screws.
	Check whether the following step is necessary for your model.
	Check that the components used are correctly installed/fitted.
	Measure the specified dimension and correct if necessary.
	Tool for installation: Metre stick
 	Tool for installation: Cordless screwdriver and use A lengthwise bit insert is recommended for good access to the screws.
	
	Tool for installation: Spirit level
	Tool for installation: Open-end wrench with AF 7 and AF 10
	Two people are required for this step.
 	The step takes place at the marked location on the appliance.
	Aid for installation: String
	Aid for installation: Protractor
	Aid for installation: Screwdriver
	Aid for installation: Scissors

	Aid for installation: Marking pen, wipeable
	Included: Remove components
	Dispose of components that are no longer required in accordance with local regulations.

## 12 \*\*\*\* freezer compartment door\*

It is very easy to reposition the hinge of the \*\*\*\* freezer compartment door if the main door hinge is swapped. If the main door of the appliance can be opened to more than 115° (1), you can open the freezer compartment without repositioning the hinge. If the opening angle (2) of the appliance door is less than this, the hinge must be repositioned.

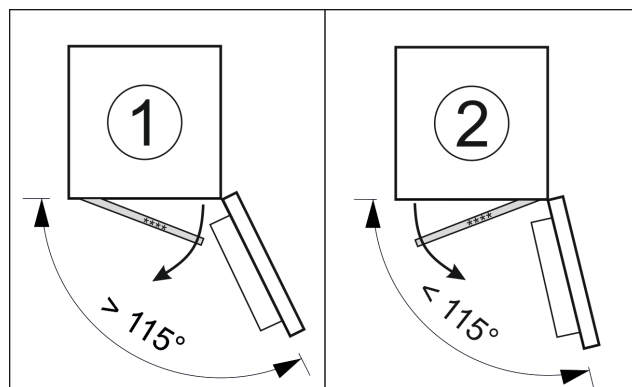


Fig. 4

### 12.1 Moving the door hinge

The slider for moving the door hinge is located on the back of the \*\*\*\* freezer compartment door at the bottom.

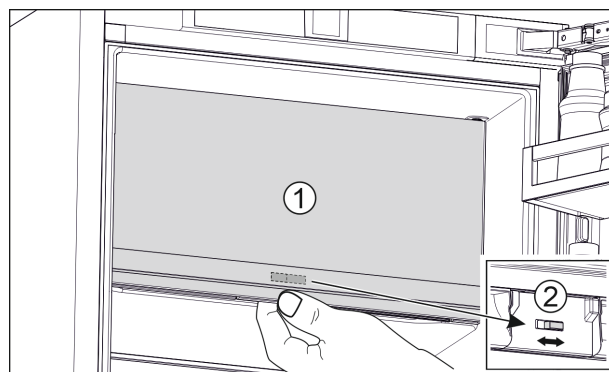


Fig. 5

- Close the \*\*\*\* freezer compartment door (1).
- Grab the \*\*\*\* freezer compartment door from below.
- Move the slider (2) either to the right or to the left.

## 13 Reversing the door

Tool



Fig. 6

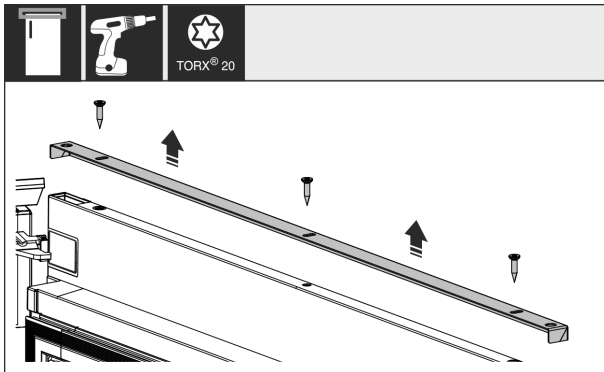


Fig. 7

- Unscrew the bar on the top of the appliance door.

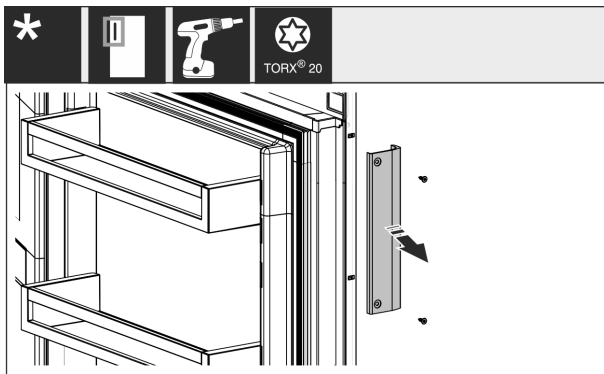


Fig. 8

- If already assembled, unscrew the handle and set aside with the screws.

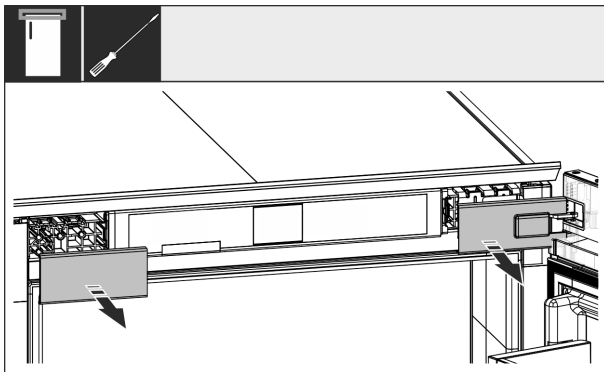


Fig. 9

- Remove covers.

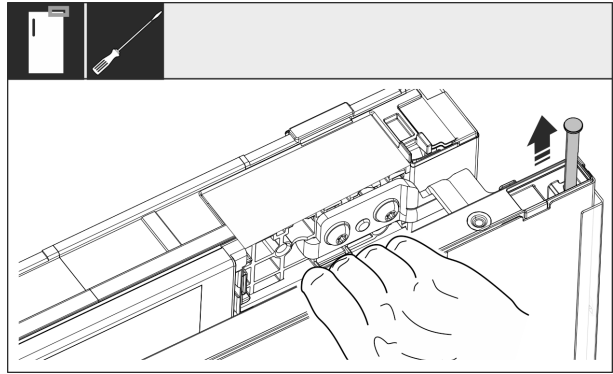


Fig. 10

- On the hinge side, pull out the bearing part with the help of a screwdriver. Secure the door from falling out.

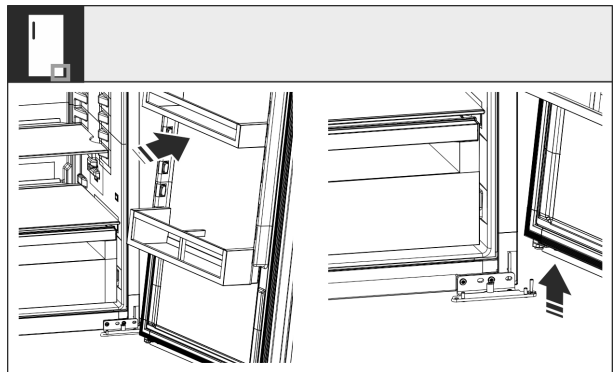


Fig. 11

- Slightly tilt the door and take off from the lower bearing bracket.

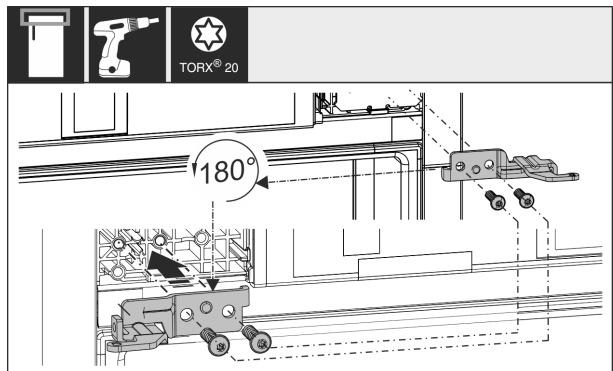


Fig. 12

- Shift and tightly screw the upper bearing bracket at 180° to the opposite side.

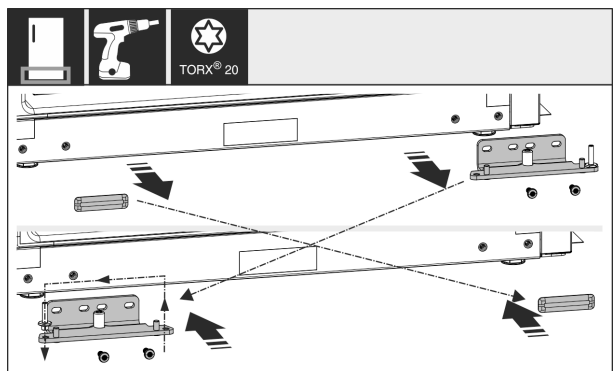


Fig. 13

- Unscrew and shift the lower bearing bracket. Remove the bearing bolt from the bearing block and re-insert it on the other side. Screw on the bearing block.

# Installing the appliance in the recess

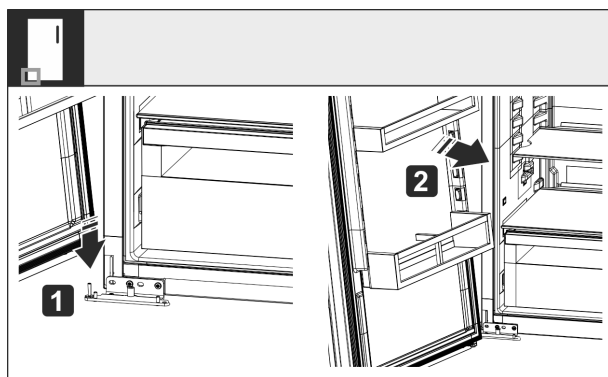


Fig. 14

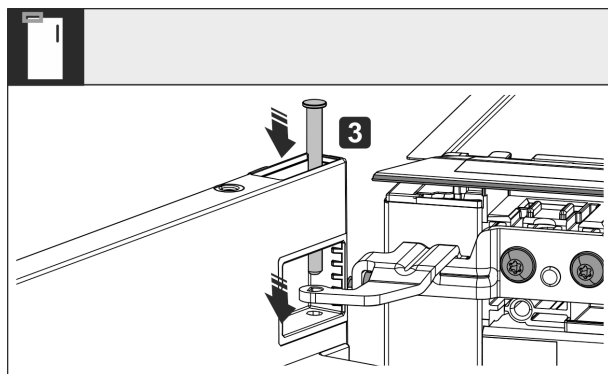


Fig. 15

- Mount the door on the other side as follows: 1. Place the door on the lower bearing block. 2. Align the door and slide the groove onto the bearing bracket. 3. Slide the bearing part into the top of the door and through the bearing block.

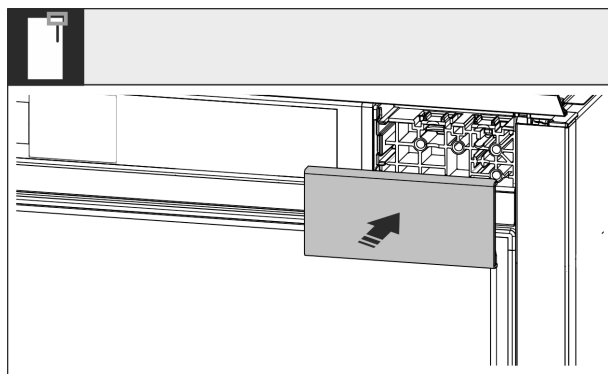


Fig. 16

- Place the cover on the handle side.

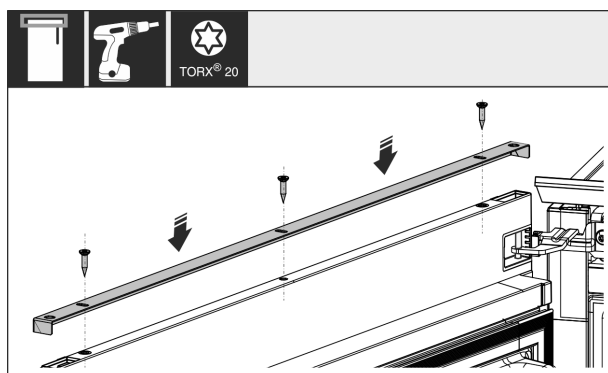


Fig. 17

- Screw on the bar.

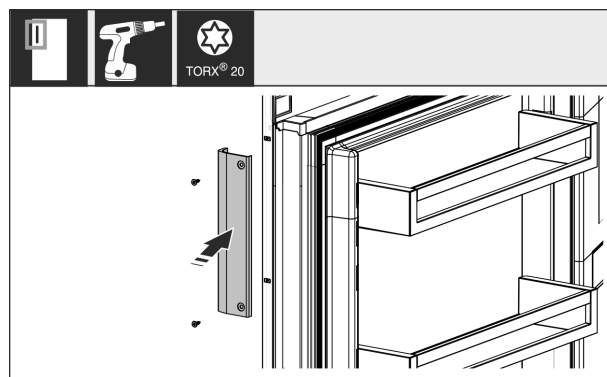


Fig. 18

- Screw on the handle. Cover all screws with push-in covers.
- Check the screws.

## 14 Installing the appliance in the recess

### Tools and materials



Fig. 19

### Supplied assembly parts



# Installing the appliance in the recess

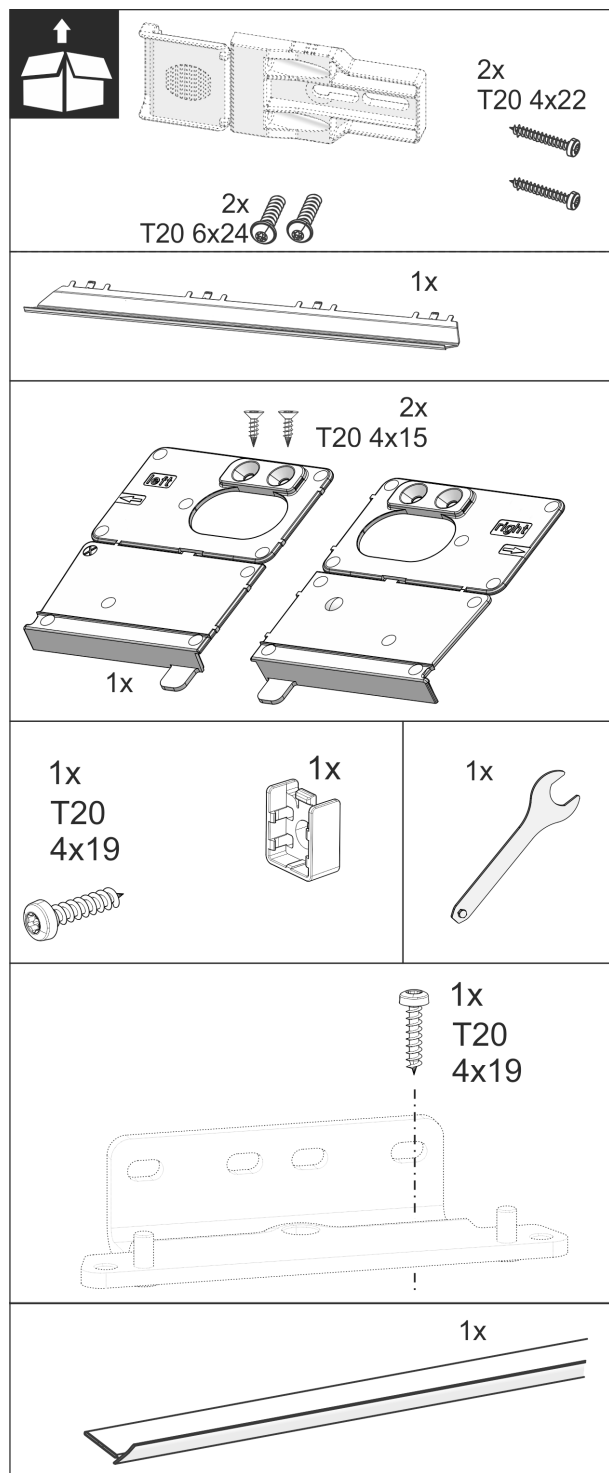


Fig. 20

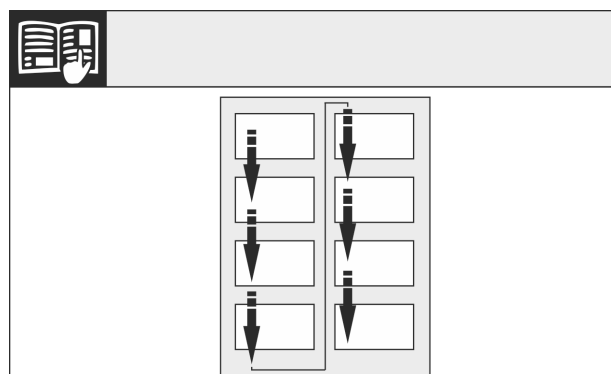


Fig. 21

- Follow the steps in order.

## NOTICE

Correct installation depth of the appliance.

- Using the mounting bracket ensures the correct installation depth of the appliance.

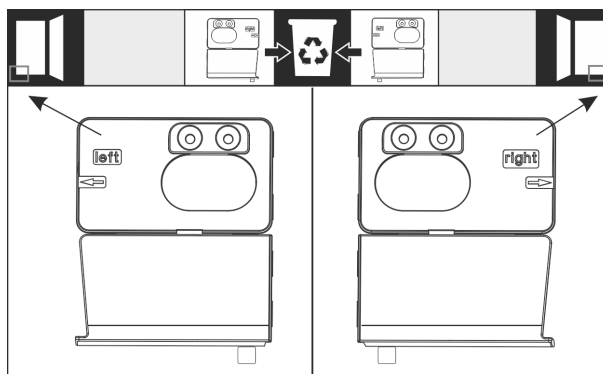


Fig. 22

- Screw the stop bracket on the right or left, flush to the side wall on the base of the cabinet recess, depending on which way the door opens. The stop bracket is always mounted on the handle side.

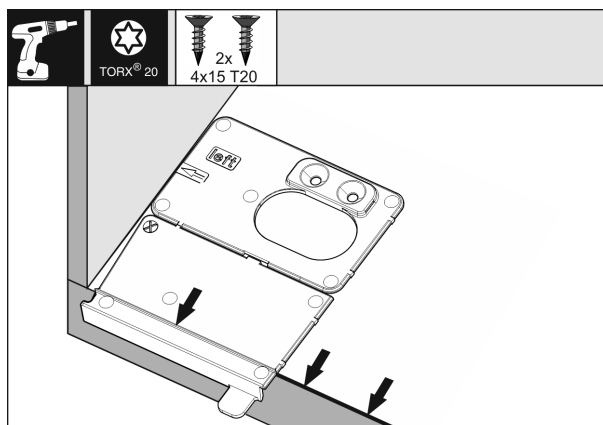


Fig. 23

- Assemble the mounting bracket so that the marking is at the same height as the outer edge of the cabinet recess.

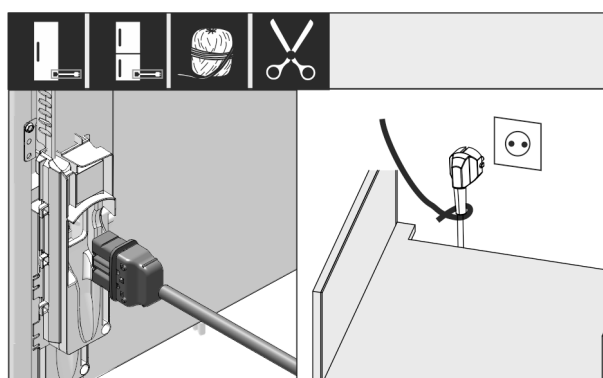


Fig. 24

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

# Installing the appliance in the recess

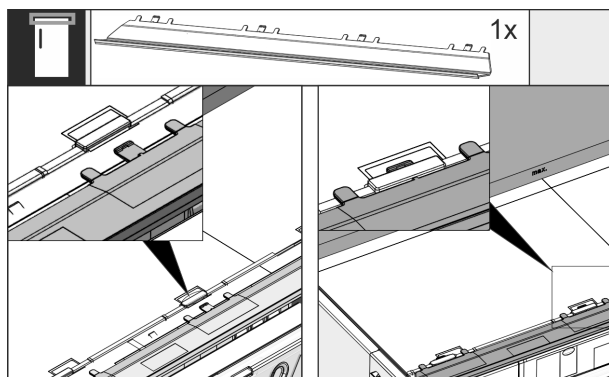


Fig. 25

- Insert the levelling panel. The panel can be moved to both sides.

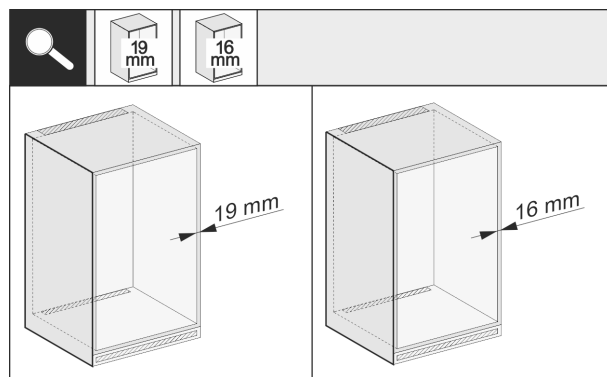


Fig. 29

- Check whether the cabinet side wall is 16 mm or 19 mm thick.

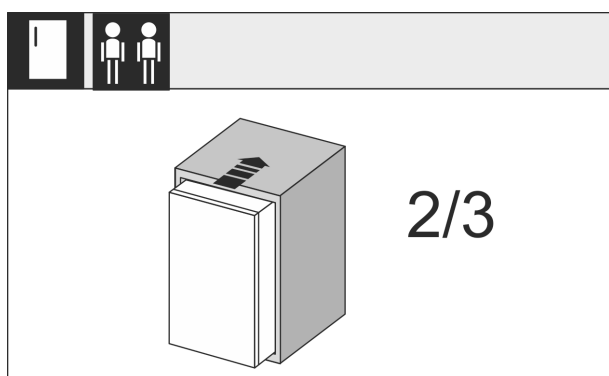


Fig. 26

- Insert the appliance 2/3 of the way into the recess.

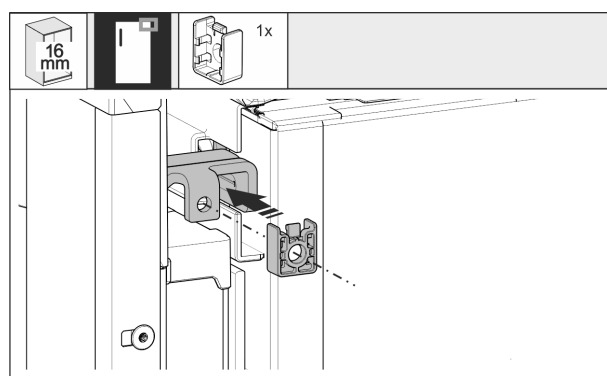


Fig. 30

- For 16 mm thick cabinet side walls, place the enclosed spacer on the upper part of the bearing.

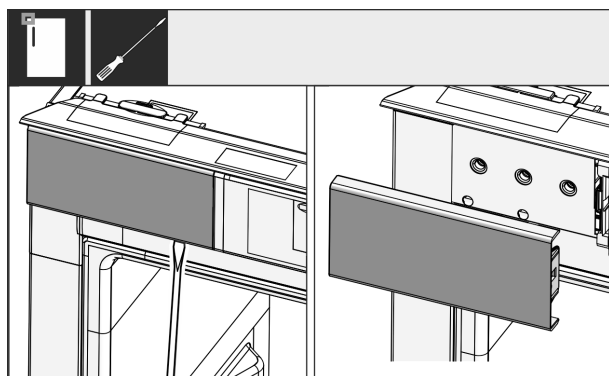


Fig. 27

- Use a screwdriver to loosen the cover at the top left and then remove it.
- If already mounted, remove the other covers.

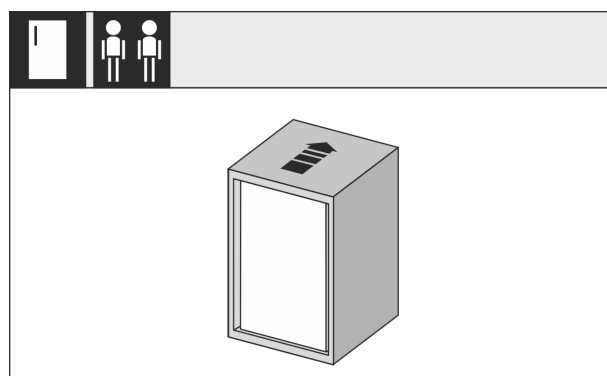


Fig. 31

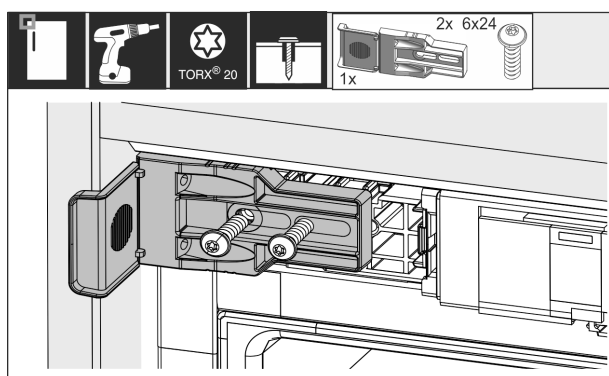


Fig. 28

- Tighten the mounting bracket. The bracket should no longer move.

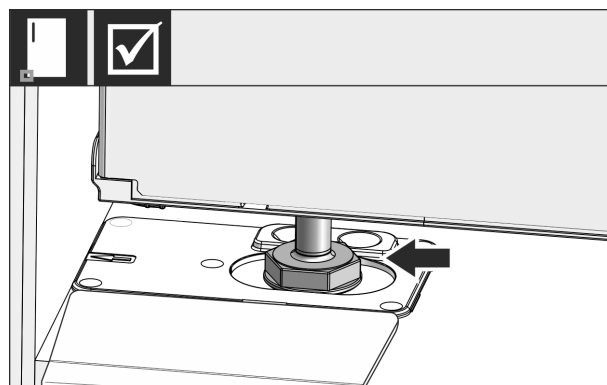


Fig. 32

# Installing the appliance in the recess



## WARNING

Risk of fire due to short circuit!

- ▶ When you push the appliance into the niche: do not kink, jam or damage the mains cable.
- ▶ The appliance must not be operated with a defective mains cable.
- ▶ Insert the appliance all the way into the recess. The adjustable foot must sit in the recess of the stop bracket.

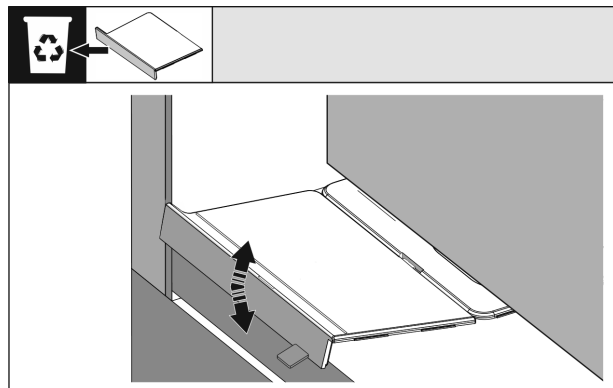


Fig. 33

- ▶ Remove the front part of the mounting bracket. Loosen the stopper by moving it and, if necessary, pull it off with the help of pliers.

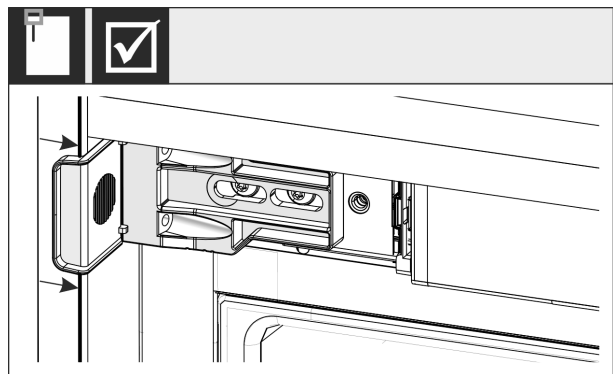


Fig. 34

- ▶ Check that the appliance is flush against the cabinet recess. The mounting bracket must be attached to the side wall of the cabinet recess.

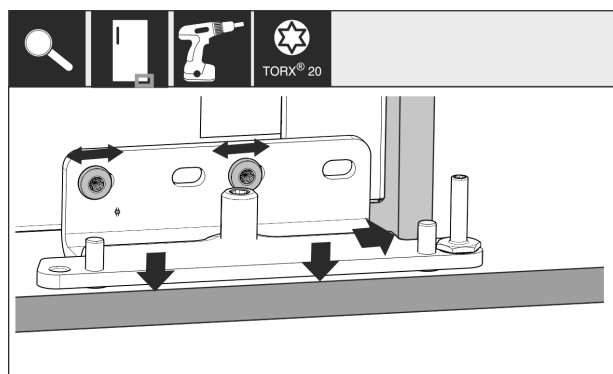


Fig. 35

- ▶ Check that the bottom bearing block is flush. The bearing block can be moved over the slots.

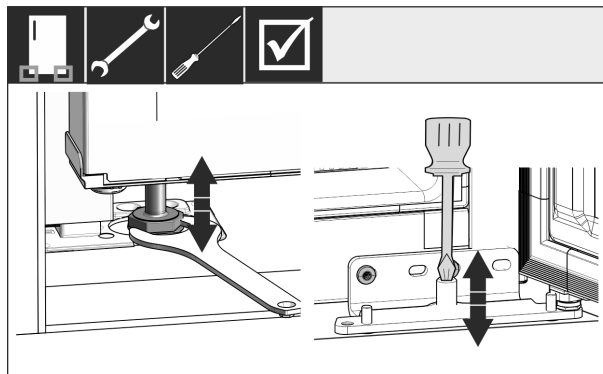


Fig. 36

- ▶ If necessary, adjust the appliance with the adjustable foot and the adjustment in the bearing block.

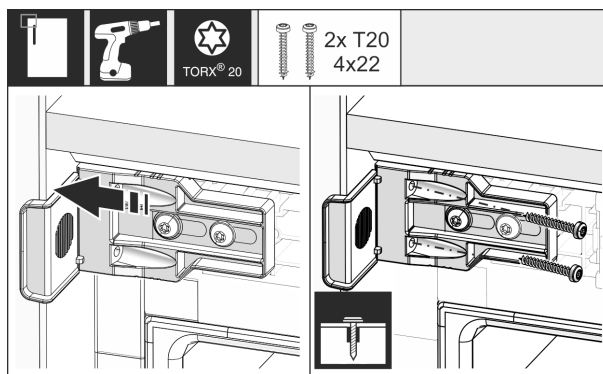


Fig. 37

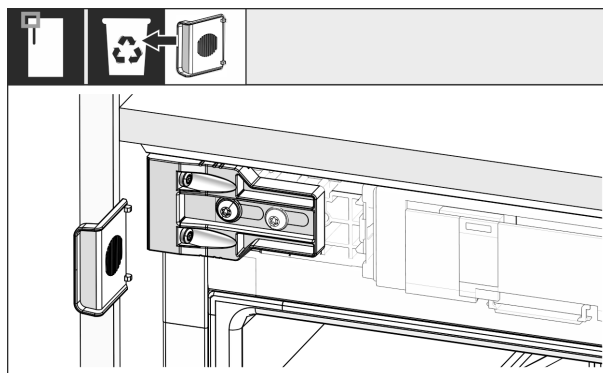


Fig. 37

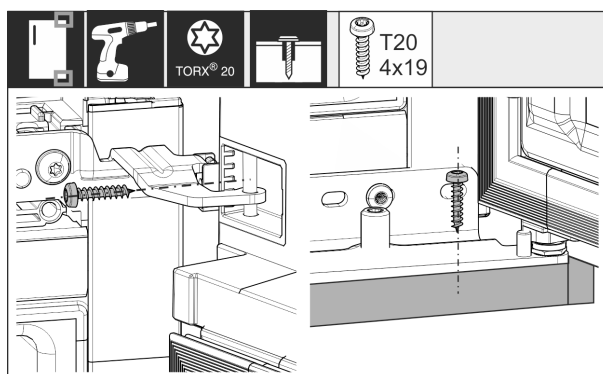


Fig. 37

- ▶ Tightly screw the appliance to the cabinet recess.

## Mounting the décor panel

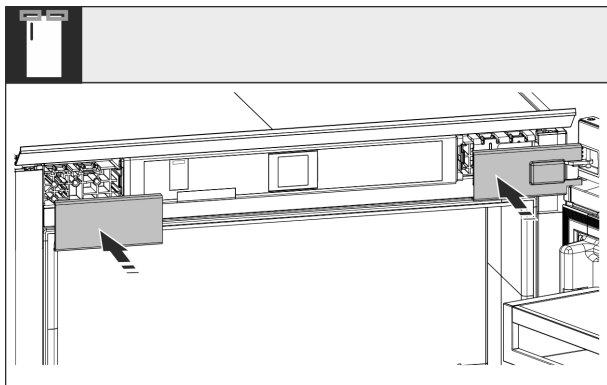


Fig. 38

- Place all covers and check all fittings.

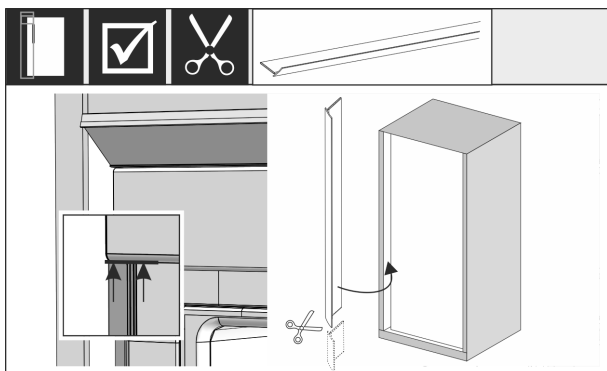


Fig. 39

- Remove the tread from the accessories pack and place it on the side wall of the appliance. The tread is magnetic and does not need to be glued.

## 15 Mounting the décor panel

Appliances can be colour-matched or contrasted with the kitchen cabinets with a décor frame and panel.

	Décor panel dimensions			Max. décor panel weight (kg)
Recess height	Height (mm)	Width	Maximum thickness	
874 to 880	860	585	4	5
1220 to 1226	1206	585	4	7

The décor frames are available as accessories from Customer Service in the following additional colours:

Brown: 9911350    White: 9911348    Aluminium: 9911346

- Lay thicker décor panels Fig. 40 (2) as shown to a max. thickness of 4 mm.

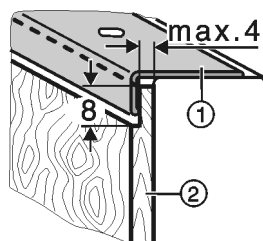


Fig. 40

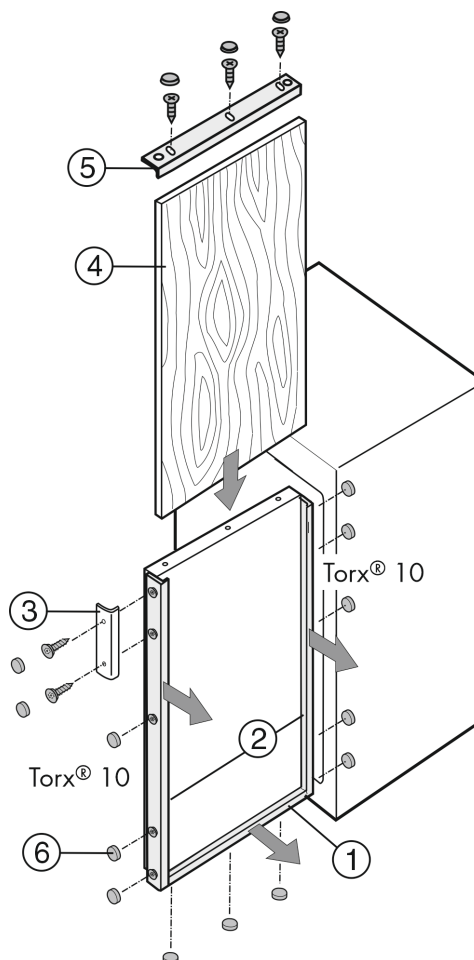


Fig. 41

- Mount the decor frame and the decor panel as follows. Do not tighten the screws until the end.
- Screw on decor frame (1) loosely at the bottom and slide forwards.
- Screw on side parts (2) of the decor frame loosely at the bottom and slide forwards.
- Screw on handle (3) loosely.
- Slide in decor panel (4) from above.
- Fit top part (5) of the decor frame and screw on loosely.
- Slide back all parts of the decor frame and screw firmly into place.
- Snap cover caps (6) onto all screw heads.

## 16 Mounting the décor panel with adapter panels

If a décor panel is already there but not tall enough, you can adjust it with different height adapter panels Fig. 42 (7).

You can use one (top or bottom only) or two adapter panels (top and bottom). The adapter panels are available as accessories from Customer Service.

Added height [mm]	Brown	White	Aluminium coloured
16	9733032	9733035	9733050
41	9733033	9733036	9733051
60	9733034	9733037	9733052

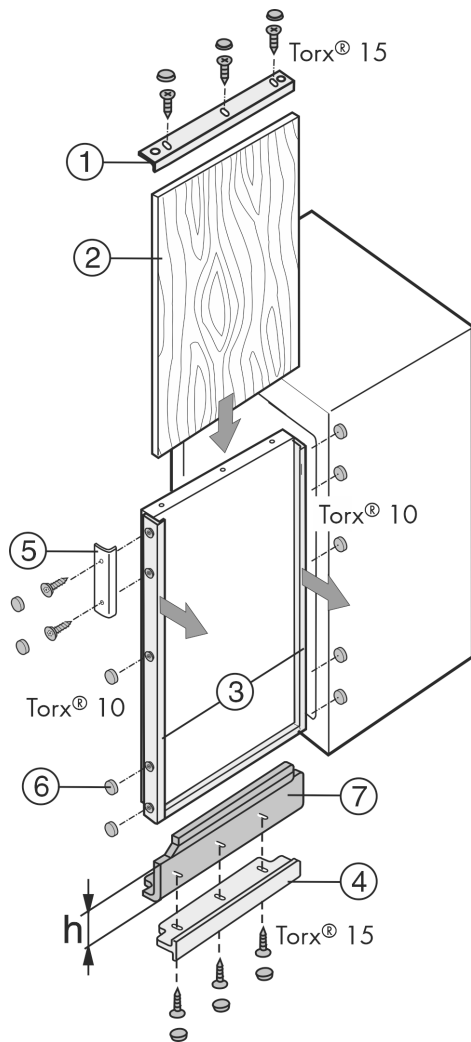


Fig. 42

- Mount the decor frame with the equaliser trim and the decor panel as follows. Do not tighten the screws until the end.
- Screw on decor frame (4) loosely at the bottom and slide forwards.
- Fit equaliser trim (7).
- Screw on side parts (3) of the decor frame loosely at the bottom and slide forwards.
- Screw on handle (5) loosely.
- Slide in decor panel (4) from above.
- Fit top part (5) of the decor frame and screw on loosely.
- Slide back all parts of the decor frame and screw firmly into place.
- Snap cover caps (6) onto all screw heads.

## 17 Connecting the appliance to the power supply



### WARNING

Danger of electric shock and injury due to damaged appliance or damaged mains cable!  
 Danger of cuts and fatal injuries. If the appliance or the mains cable is damaged during transport, you may be electrocuted. You could also cut yourself on damaged parts of the appliance housing.

- Check the appliance and the mains cable for damage after transport.
- Never put the appliance into operation if the appliance or the mains cable are damaged.
- Contact Customer Service.

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

Make sure that the following requirements are fulfilled:

- The appliance and power cable are undamaged.
- The appliance is installed in accordance with the regulations. (see 14 Installing the appliance in the recess)
- Requirements for the electrical connection are met. (see 2 Installation requirements)
- 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 earthed according to the regulations and fused.
- The fuse tripping current is between 10 A and 16 A.
- The socket is easily accessible and is not behind the appliance. (see 4 Recess dimensions)

### NOTICE

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

- Only use the supplied mains cable.

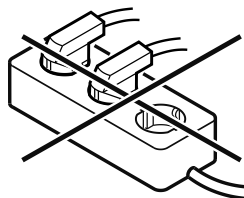


### WARNING

Danger of fire due to incorrect connection!  
 Burns.

Damage to the appliance.

- Do not use an extension cable.
- Do not use distributor blocks.



### NOTICE

Danger of damage to incorrect connection!  
 Damage to the appliance.

- Do not connect the appliance to a stand-alone inverter, e.g. solar power systems and petrol generators.

- Connect the mains cable plug to the power supply. Ensure that the plug is tightly in the socket.
- The Liebherr logo appears in the display.
- The display switches to the standby symbol.

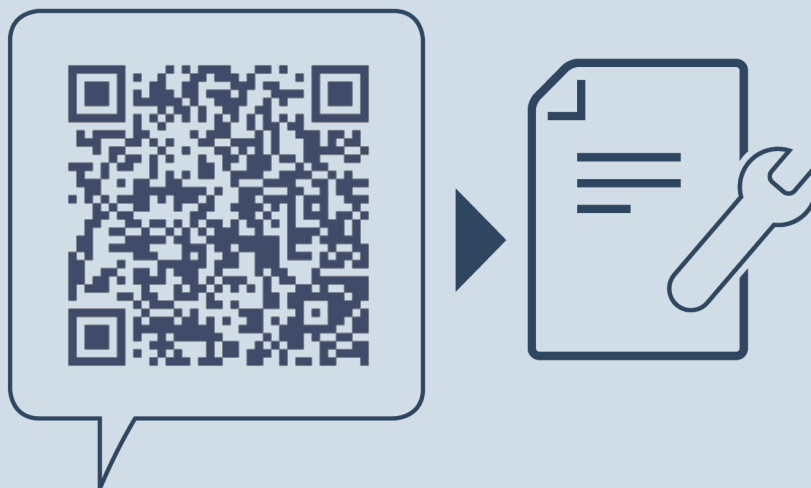
## Connecting the appliance to the power supply

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- ▷ If no action occurs within 60 seconds: The standby symbol fades or disappears.
- ▷ The appliance is connected. For information regarding first use, see the following section or the operating instructions.







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**EN** decor fridges and freezers

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