tehnoteka

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Uputstvo za montažu (EN)

LIEBHERR ugradni frižider IRe 5100 Pure

LIEBHERR



Tehnoteka je online destinacija za upoređivanje cena i karakteristika bele tehnike, potrošačke elektronike i IT uređaja kod trgovinskih lanaca i internet prodavnica u Srbiji. Naša stranica vam omogućava da istražite najnovije informacije, detaljne karakteristike i konkurentne cene proizvoda.

Posetite nas i uživajte u ekskluzivnom iskustvu pametne kupovine klikom na link:

https://tehnoteka.rs/p/liebherr-ugradni-frizider-ire-5100-pure-akcija-cena/



Installation Guide

Quality, Design and Innovation



home.liebherr.com/fridge-manuals

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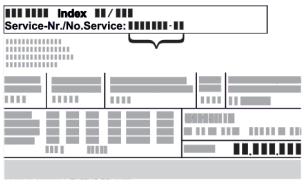
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The manufacturer is constantly working to improve all types and models. Therefore, please be aware that we reserve the right to make changes to the shape, equipment and technology.

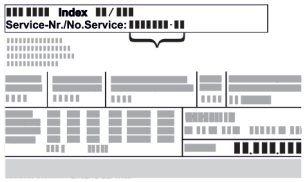
Symbol	Explanation
	**Read instructions** Please read the information in these instructions carefully to understand all of the benefits of your new appliance.

Symbol	Explanation
	**Full instructions on the internet** You can find detailed instructions on the internet using the QR code on the front of these instruction or by entering the service number at **home.liebherr.com/fridge-manuals**. The service number can be found on the serial tag:  *Fig.* Example illustration
	**Check appliance** Check all parts for transport damage. If you have any complaints, please contact your agent or customer service.
	**Differences** These instructions apply to a range of models, so 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.

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 new owner.
- Read this assembly manual before installation and use in order to use the appliance safely and correctly. 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**. 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	indicates a hazardous situation, which if not avoided, will result in death or serious injury.
⚠	WARNING	indicates a hazardous situation, which if not avoided, could result in death or serious injury.
⚠	CAUTION	indicates a hazardous situation, which if not avoided, will result in minor or moderate injury.
	NOTICE	indicates a hazardous situation, which if not avoided, could result in damage to property.
	Note	indicates useful advice and tips.

2 Setup conditions

⚠ **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.

Normal use
- Only set up and use the appliance in enclosed spaces.
- Only use once installed.

2.1 Space

⚠ **WARNING**
Leaking refrigerant and oil!
Fire. The refrigerant contained within the appliance is environmentally friendly, but flammable. The oil contained within the appliance is flammable. Escaping refrigerant and oil can ignite if they are of high enough concentration and are exposed to an external heat source.
▶ Do not damage the pipelines of the coolant circuit and the compressor.

- If the appliance is installed in a very damp environment condensate water may form on the outside of the appliance.
  Always ensure sufficient airflow and ventilation in the setup location.
- The more refrigerant there is in the appliance, the larger the space that it is installed in must be. If the space is too small, any leak may create a flammable mixture of gas and air. For every 8 g of refrigerant, the installation space must be at least 1 m^3 . Specifications on the refrigerant in the appliance can be found on the serial tag plate inside the appliance.

2.1.1 Installation surface

- The floor of the installation site must be horizontal and level.
- If you are installing the unit in a cabinet standing on an uneven floor: level the cabinet.

2.1.2 Installation position

- Do not install appliance in direct sunlight or next to an oven, radiator or similar.
- Only install the appliance in solid cabinets.

Note
A set for restricting the door opening angle to 90° can be acquired from Customer Services for appliances with soft closing.*

2.2 Setting up multiple appliances

NOTICE
Risk of damage caused by water condensate!
▶ Do not install this device directly beside another fridge/freezer compartment.

NOTICE
Risk of damage caused by water condensate!
▶ Do not stack the appliance directly on top of another.

These appliances are designed for different types of installation. Only combine appliances if the appliances are designed for this. The following table shows the installation options by model:

Setup type	Model
Single	All models
Side-by-Side (SBS)	Model that start with **S...**.
Stacked	Models up to a maximum recess height of 880 mm and with a heated cover can be “stacked”. Upper appliance: up to a maximum recess height of 140 mm

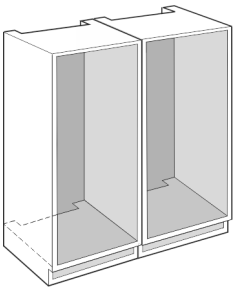


Fig. 1

Install each appliance into its own recess.

2.3 Electrical connection

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.

3 Appliance dimensions

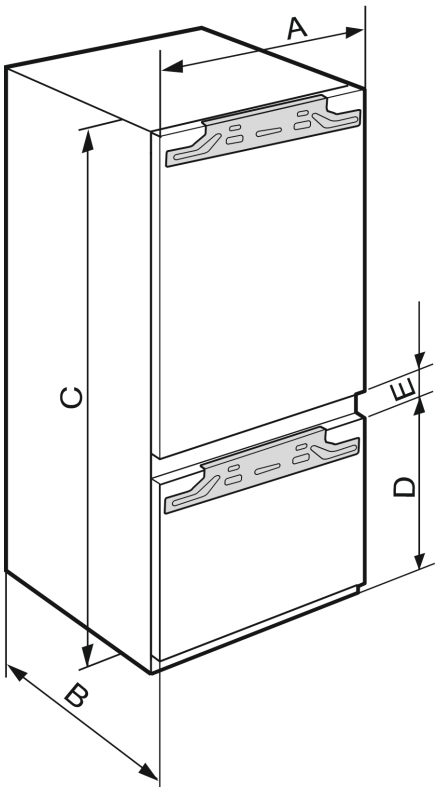


Fig. 2

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
ICB.. 51..2	559	546	1770	549	15
IC.. 51..3 S/ICN.. 51..3 ICBN.. 51..3 ICBN.. 51..3 IC/B/N/bsci 51.. IKG 51Ve03 / IKGN 51Vc03 / IKGN 51Ve03 / IKGBN 51Vd23i				695	

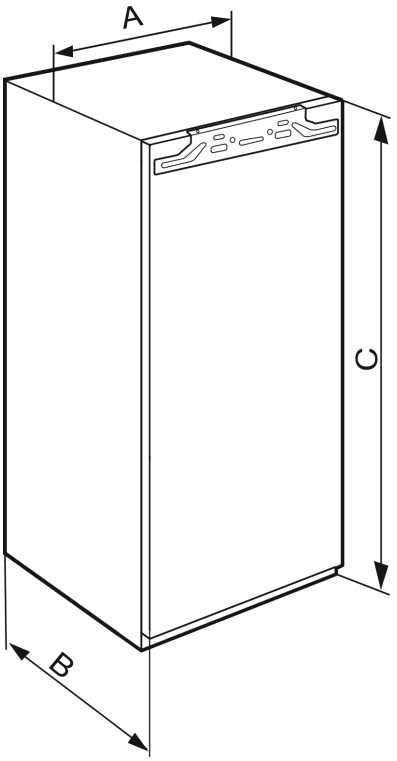


Fig. 3

	A (mm)	B (mm)	C (mm)
IFN 35..	559	546	712
IR.. 39.. SIBai 39.. SIBa20i 39.. S/IF/N.. 39..			872
IR.. 40.. IRB.. 40..			1022
IR.. 41.. IRB.. 41.. IRBbsbi 41.. SIFN.. 41..			1213
IR.. 45.. IRB.. 45.. IRBbsbi 45.. SIFN.. 45..			1395
IRB.. 48..			1572
IR.. 51.. IRD.. 51.. IRB.. 51.. IRBbsci 51.. IRBP.. 51.. IRBPbsci 51.. SIFN.. 51.. SIFN.. 51.. IK 51Ve00 / IK 51Ve01 / IKB 51Vc50i / IKB 51Vc51i			1770

*** Depending on model and options**

4 Recess dimensions

4.1 Internal dimensions

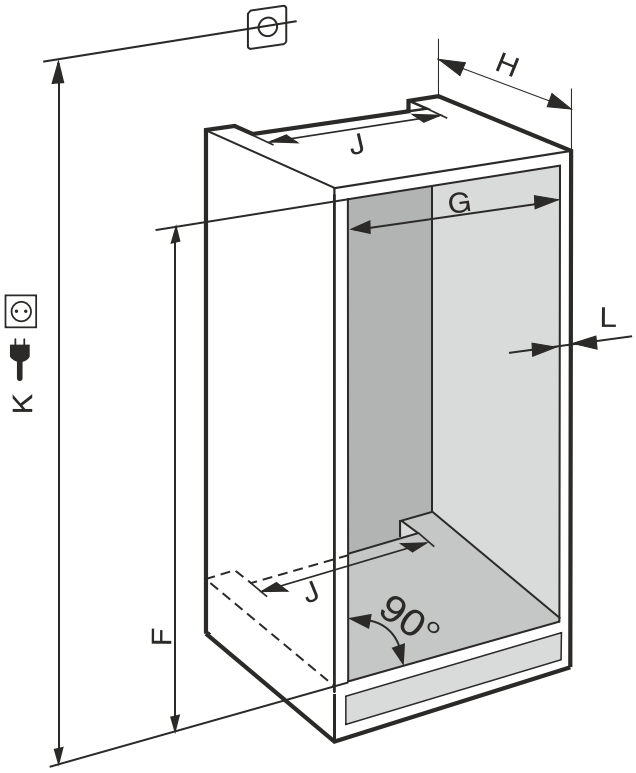


Fig. 4 ***(K):*** *max. 2100 mm*

Observe the following information for appliances with a permanent water connection:

- Water connection (see 7 Water connection*)
- Connect the appliance to the water supply (see 15 Connecting the appliance to the water supply*)

IFN..(i) 35..	
F (mm)	714 to 730
G (mm)	560 to 570
H (mm)	min. 550, recommended 560
J (mm)	min. 500
L (mm)	max. 19

IFN..(i) 39.. / IR..(i) 39.. / SIBa20i 3905 / SIFN..i 39..	
F (mm)	874 to 890
G (mm)	560 to 570
H (mm)	min. 550, recommended 560
J (mm)	min. 500
L (mm)	max. 19

IR(B)..(i) 40..	
F (mm)	1024 to 1040
G (mm)	560 to 570
H (mm)	min. 550, recommended 560
J (mm)	min. 500
L (mm)	max. 19

IR(B)..(i) 41.. / IRBbsbi 4170 / SIFN..i 41..	
F (mm)	1216 to 1236
G (mm)	560 to 570
H (mm)	min. 550, recommended 560
J (mm)	min. 500
L (mm)	max. 19

IR(B)..(i) 45.. / IRBbsbi 4570 / SIFN..i 45..	
F (mm)	1397 to 1413
G (mm)	560 to 570
H (mm)	min. 550, recommended 560
J (mm)	min. 500
L (mm)	max. 19

IRB..i 48..	
F (mm)	1574 to 1590
G (mm)	560 to 570
H (mm)	min. 550, recommended 560
J (mm)	min. 500
L (mm)	max. 19

IC(B)(N)..(i) 51.. / ICBNbsci 5173 / IKG 51Ve03 / IKGN 51Vc03 / ICNbsci 5173 / IKGN 51Ve03 / IR(B)(P)..(i) 51.. / IRD..i 51.. / IRBbsci 5170 / IRBbsci 5171 / IRBPbsci 5170 / IKB 51Vc50i / IKB 51Vc51i / IK 51Ve00 / IK 51Ve01 / SICN..i 51.. / SIFN..(i) 51.. / SIFNbsdi 51..	
F (mm)	1772 to 1788
G (mm)	560 to 570
H (mm)	min. 550, recommended 560
J (mm)	min. 500
L (mm)	max. 19

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

- ▶ Check the wall thickness of adjacent units: It must be a minimum of 16 mm .
- ▶ Only fit the appliance into stable, solid kitchen units. Secure the unit against tipping.
- ▶ Align the cabinets with a 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 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.

*** Depending on model and options**

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 cm^2 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 cm^2. 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 Custom panel weights

6.1 Weight

NOTICE
An excessively heavy custom panel can potentially cause damage!
If the custom panel is too heavy, damage to the hinges cannot be ruled out, which may compromise the functionality of the unit.

▶ Before installing the custom panel, ensure the custom panel does not exceed the permissible weight.

Recess height (mm)*	Maximum weight of custom panel (kg)*
720	16
880	16
1020	13
1220	19
1400	21
1580	22
1780	26

Single-door fridges and freezers

Niche height (mm)*	Maximum weight of custom panel (kg)*	
	Fridge compartment door*	Freezer compartment door*
1780	18	12

Customizing combinations

7 Water connection*

If your appliance has a fixed water connection, a hose is supplied with it.

Note
You can purchase a hose of a different length as an accessory.

Overview of dimensions for the water connection:	(see 7.1 Dimensions for the water connection)
Requirements for the water pressure:	(see 7.2 Water pressure)
Make the water connection:	(see 15 Connecting the appliance to the water supply*)

7.1 Dimensions for the water connection

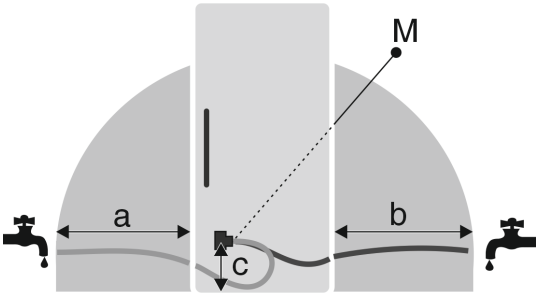


Fig. 5

(a) Maximum available hose length*
(b) Maximum available hose length*
(c) Distance of solenoid valve to floor*
(M) Solenoid valve*

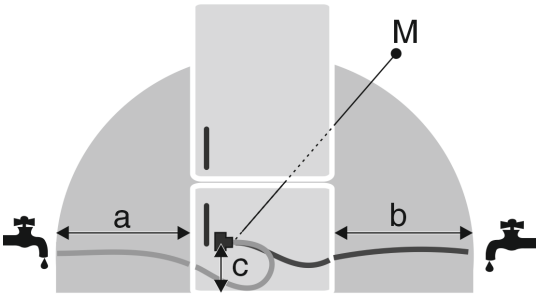


Fig. 6

(a) Maximum available hose length*
(b) Maximum available hose length*
(c) Distance of solenoid valve to floor*
(M) Solenoid valve*

a	b	c
~ 1200 mm	~ 1200 mm	~ 55 mm

7.2 Water pressure

The water connection line and solenoid valve of the appliance are suitable for a water pressure of up to 1 MPa (10 bar).

To ensure that the appliance functions correctly (flow rate, ice cube size, noise level), maintain the following water pressure:

Water pressure:	
bar	MPa
1.5 to 6.2	0.15 to 0.62

Water pressure if using the water filter:*	
bar*	MPa*
2.8 to 6.2	0.28 to 0.62

If the pressure is higher than 6.2 bar:

▶ Connect a pressure reducer.
▶ Make the water connection. (see 15 Connecting the appliance to the water supply*)

8 Transporting the appliance

Observe the following when transporting the appliance:

▶ Transport the appliance upright.
▶ Use two people when transporting the appliance.

During the first use:

▶ Transport the appliance packaged.

*** Depending on model and options**

During appliance transport or at first use (e.g. when moving or cleaning):
- ▶ Empty the appliance.
- ▶ Secure the door against undesired opening.

9 Unpacking the appliance

If the appliance is damaged check with the supplier immediately before connecting it.

- ▶ Check the appliance and packaging for damage during transport. If you suspect any damage, please contact your supplier immediately.
- ▶ Remove all materials that could prevent it from being installed properly or prevent proper ventilation from the back or the side panels of the appliance.
- ▶ Remove all protective films from the appliance. Do not use sharp or pointed objects for this.

10 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 tip over.
- ▶ Secure the appliance as described in the instructions.

WARNING
Danger of fire and damage!
- ▶ Do not place devices that give off heat, e.g. microwaves, toasters, etc. on the appliance.

If possible, have a professional install the appliance in your kitchen cabinet unit.

Do not install the appliance without assistance.

10.1 After setup

- ▶ Remove all transport packaging.

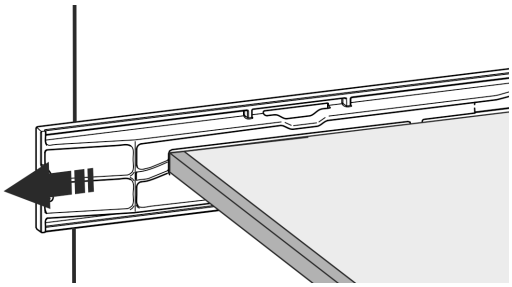
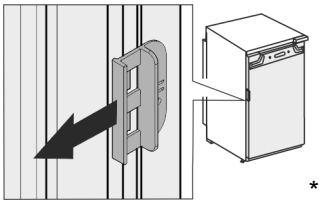
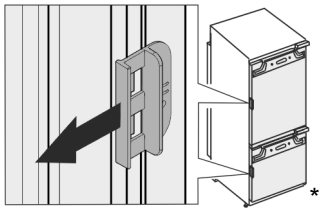


*Fig. 7 **



*

- ▶ Pull off the transport lock on the appliance door.



*

- ▶ Clean the appliance (see User Guide, Cleaning the appliance).

11 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.

12 Explanatory symbols used

	There is the risk of injury when doing this! Obey the safety instructions!
	These instructions apply to several models. Only perform this step if it applies to your appliance.
	To install, please follow the detailed description in the Guide.
	This section applies either to a single-door appliance or a double-door appliance.
	Choose one of the options: Appliance with right-hinged door or appliance with left-hinged door.
	Installation step necessary with IceMaker and/or InfinitySpring.
	Loosen or tighten screws slightly.
	Tighten the screws fully.

	Check to see if the next step applies for your model.
	Check the components are in correctly.
	Measure the specified measurement and adjust if necessary.
	Installation tool: Meter stick
	Tool for assembly: Cordless screwdriver and attachments
	Tool for assembly: Spirit level
	Tool for assembly: Size 7 and size 10 spanner
	Two people are required for this step.
	This step takes place at the selected location of the appliance.
	Aid for assembly: String
	Aid for assembly: Square
	Aid for assembly: Screwdriver
	Aid for assembly: Scissors
	Aid for assembly: Non-permanent marker pen
	Accessory kit: Remove components
	Dispose of components that are no longer needed.

13 **** 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.

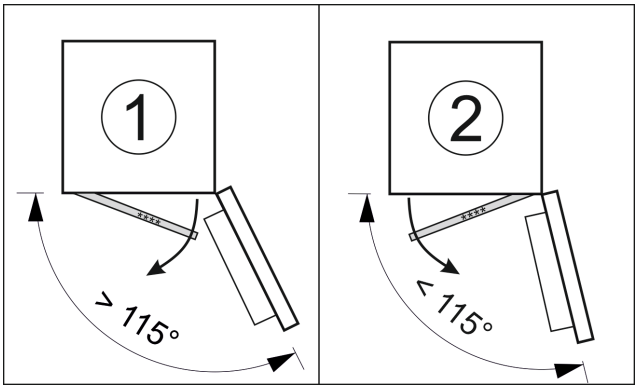


Fig. 8

13.1 Moving the door hinge

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

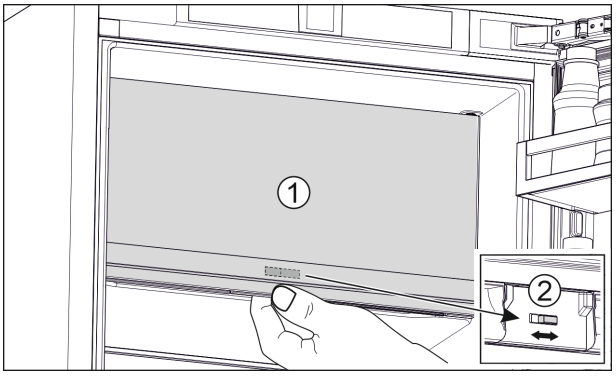


Fig. 9

- ▶ 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.

14 Reversing the door

Tool



Fig. 10

NOTICE
Live parts!
Damage to electrical components.
▶ Disconnect the power plug before reversing the door.

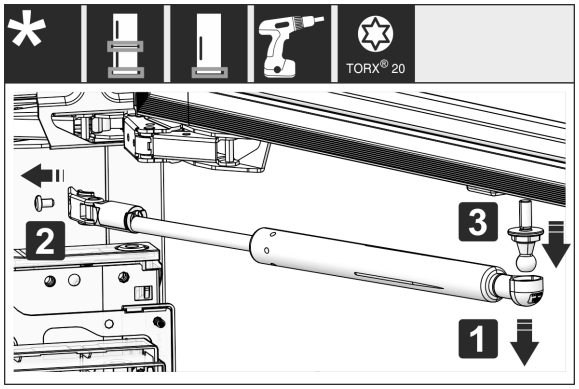


Fig. 11 *

▶ Removing the soft stop damper: Remove the soft stop damper from the ball stud (1). Unscrew the retainer (2). Remove the ball stud with a screwdriver (3).*

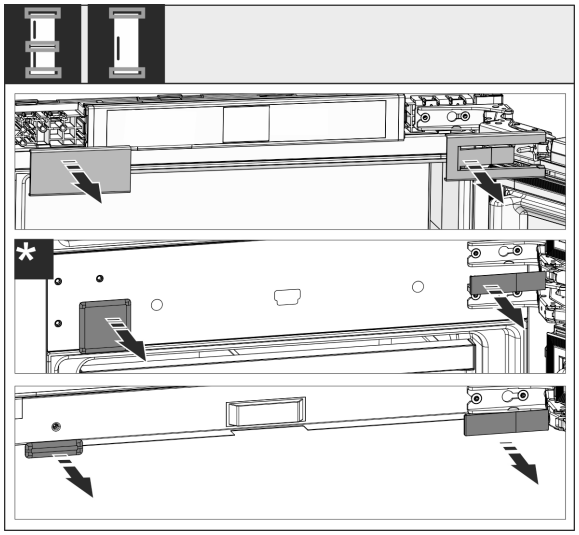


Fig. 12

▶ Remove covers.

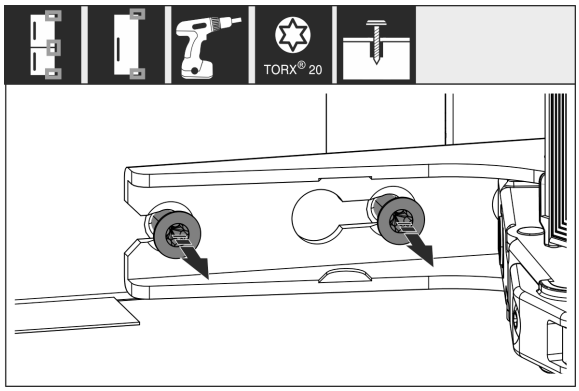


Fig. 13

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

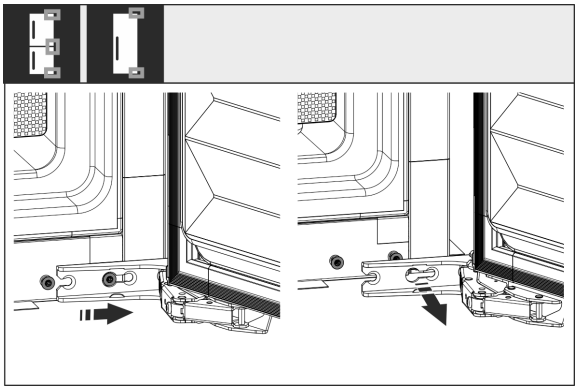


Fig. 14

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

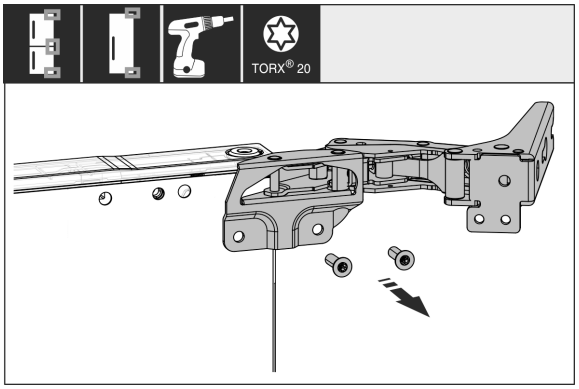


Fig. 15

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

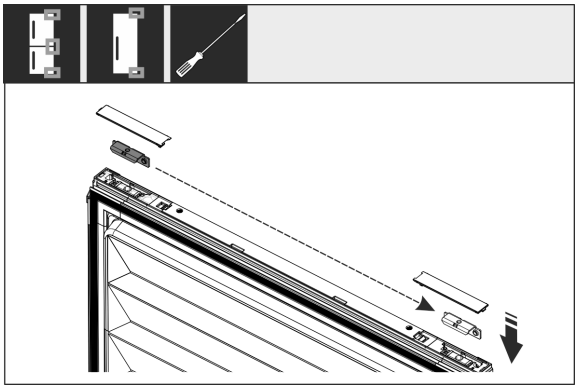


Fig. 16

▶ 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.

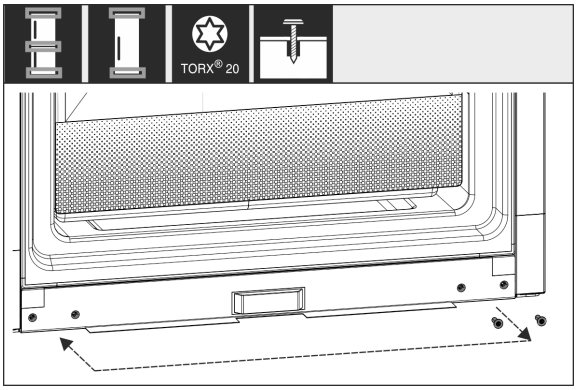


Fig. 17

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

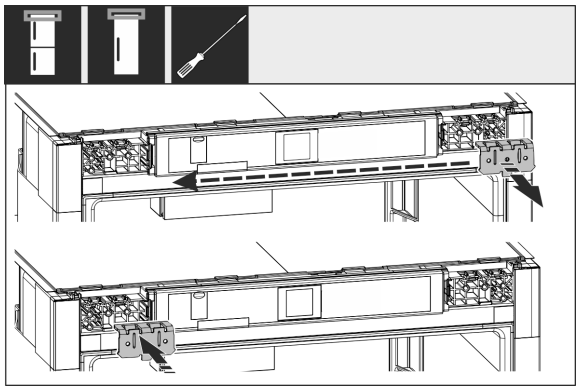


Fig. 18

▶ Swap the fixing bracket to the opposite side.

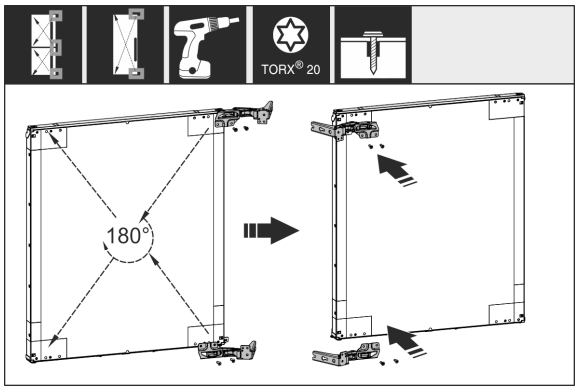


Fig. 19

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

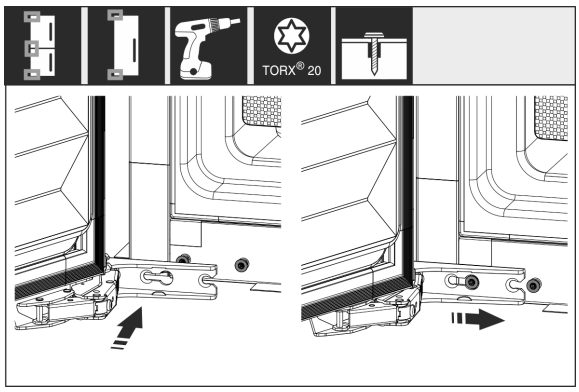


Fig. 20

▶ Refitting the door: Hang the door with its hinges and tighten the screws.

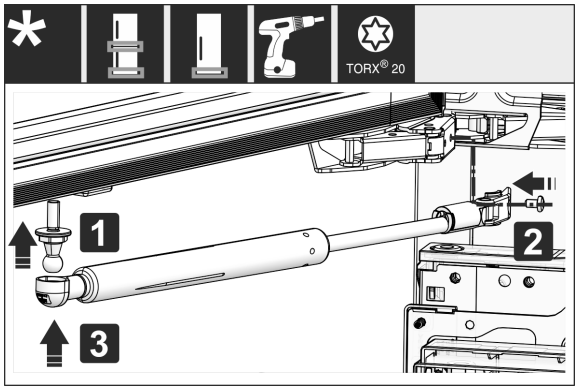


Fig. 21 *

▶ Refit the closing dampers: Screw in the ball studs (1), tighten the bracket (2), and hang the closing dampers in the ball studs.*

▶ Check all screws and retighten if necessary.

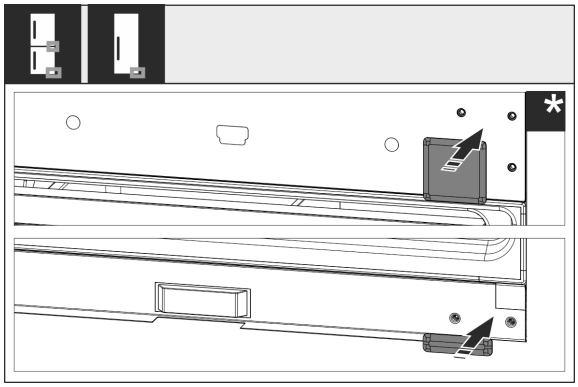


Fig. 22

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

15 Connecting the appliance to the water supply*

Make sure that the following requirements are fulfilled:

- ❑ The dimensions for the water supply connection are known and complied with. (see 7.1 Dimensions for the water connection)
- ❑ The correct water pressure is maintained. (see 7.1 Dimensions for the water connection)
- ❑ Water is supplied to the appliance via a cold water pipe that can withstand the operating pressure and is connected to the drinking water supply.
- ❑ All equipment and devices used for the water supply comply with the applicable regulations in the country of use.
- ❑ The back of the appliance is accessible so that you can connect the appliance to the drinking water supply.
- ❑ You are using the supplied hose. Old hoses have been disposed of.
- ❑ The hose connector contains a screen filter with a seal.
- ❑ There is a faucet between the hose line and the domestic water connection so that you can turn off the water supply if necessary.
- ❑ The faucet is not directly behind the appliance and is easily accessible. This way, you can push the appliance as far as possible into the cabinet recess and can quickly turn off the faucet if necessary.

WARNING

Risk of electric shock from water!

▶ Before connecting to the water hose: Disconnect the appliance from the mains.

▶ Before connecting to water lines: Shut off the water supply.

▶ Make sure that only qualified personnel connect the device to the drinking water supply.

WARNING

Risk of poisoning due to contaminated water!

▶ Connect to potable water supply only.

15.1 Connecting the hose

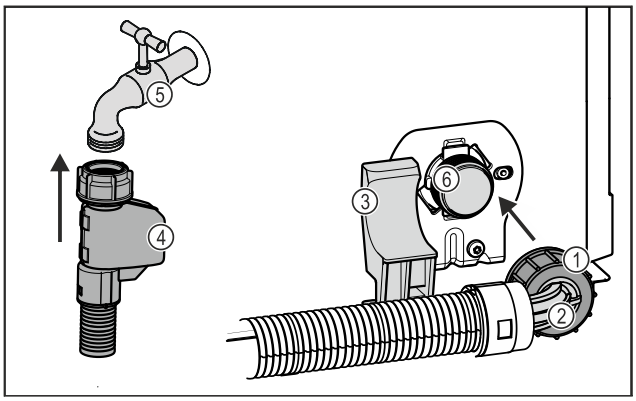


Fig. 23

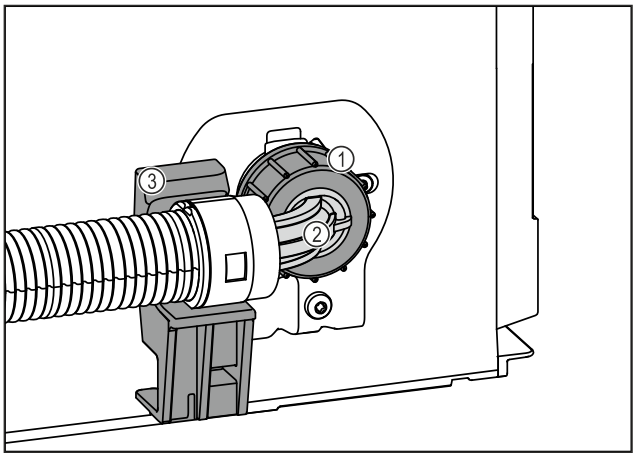


Fig. 23

(1) Nut
(2) Angled hose end
(3) Bracket
(4) Straight hose end
(5) Faucet
(6) Solenoid valve: The solenoid valve is at the bottom on the back of the appliance. It has an R3/4 connecting thread.

NOTICE
Risk of damage from incorrect installation!
- ▶ Do not damage or kink the hose.
- ▶ Do not damage or kink the hose during installation in the cabinet recess.

Connecting the hose to the appliance:
- ▶ Position and hold the angled hose end *Fig. 23 (2)* horizontally on the bracket *Fig. 23 (3)*.
- ▶ Screw on the nut *Fig. 23 (1)* on by hand until it is firmly in place.
- ▷ The hose is connected to the appliance.

Connecting the hose to the faucet:
- ▶ Connect the straight hose end *Fig. 23 (4)* to the faucet *Fig. 23 (5)*.
- ▷ The hose is connected to the faucet.

15.2 Check the water system

Before you completely install the appliance in the cabinet recess, Liebherr recommends checking the water system for leaks.
- ▶ Put in the InfinitySpring water tank. (see 18 Water tank*) *
- ▶ Put in the InfinitySpring water filter. (see 19 Water filter*) *
- ▶ Slowly turn on the faucet.
- ▶ Check the hose, water feed and connections for leaks.
- ▷ The water system has now been checked for leaks.
- ▷ The water system is not leaking: You can install the appliance completely in the cabinet recess.

Note
InfinitySpring: Before the first use, you must put the InfinitySpring into operation. To do this you must bleed and clean the water system. (see Quick Start Guide or operating instructions)*

IceMaker: Before the first use, you must clean the IceMaker. (see Quick Start Guide or operating instructions)*

16 Fit the appliance into the recess

Tool

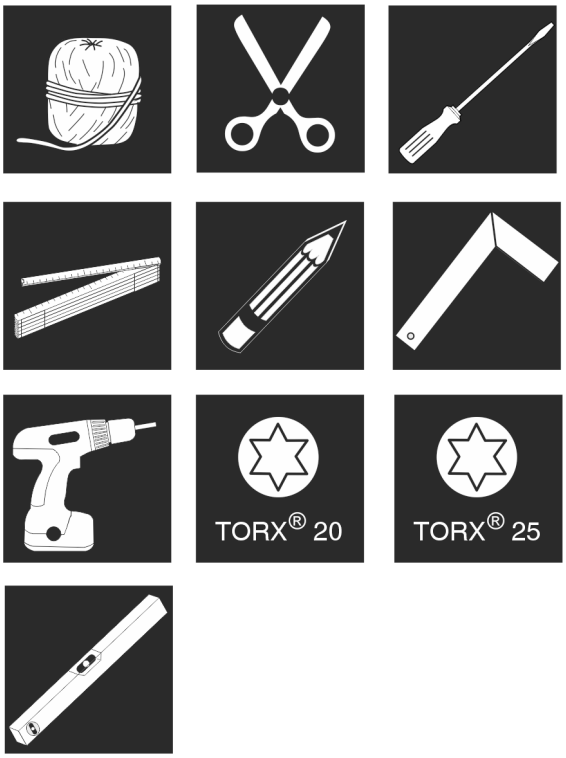


Fig. 24

Supplied installation parts

Fit the appliance into the recess

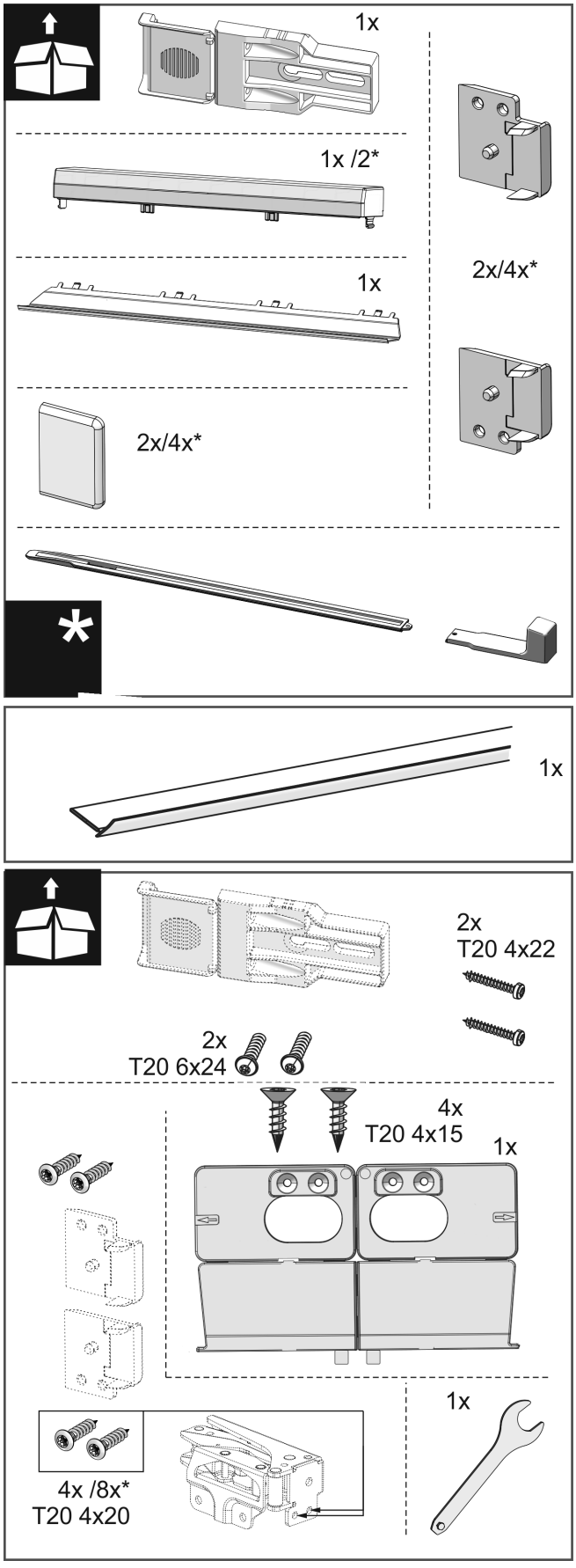


Fig. 25

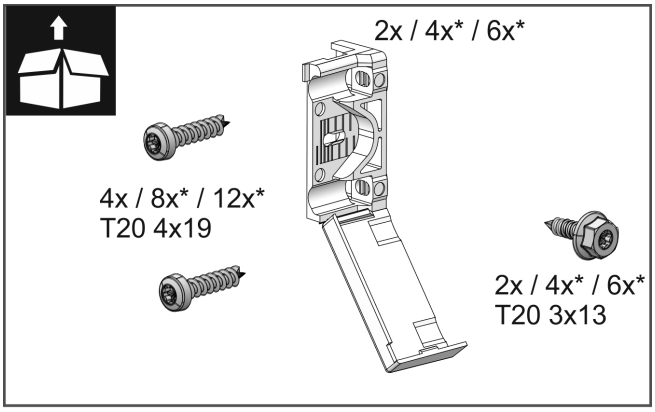


Fig. 26

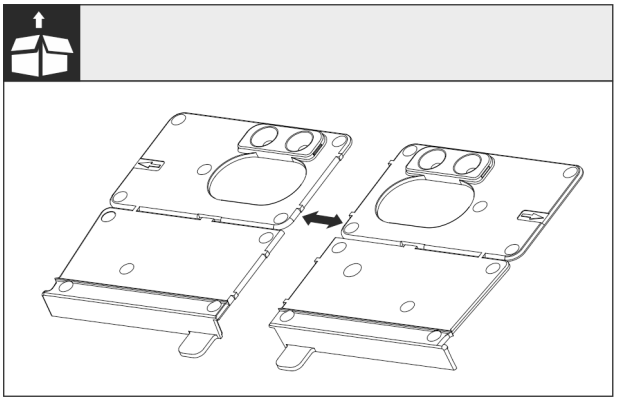


Fig. 27

▶ Separate the floor mounting bracket *Fig. 27 ()* at the perforation.

NOTICE

Correct installation depth of the appliance.

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

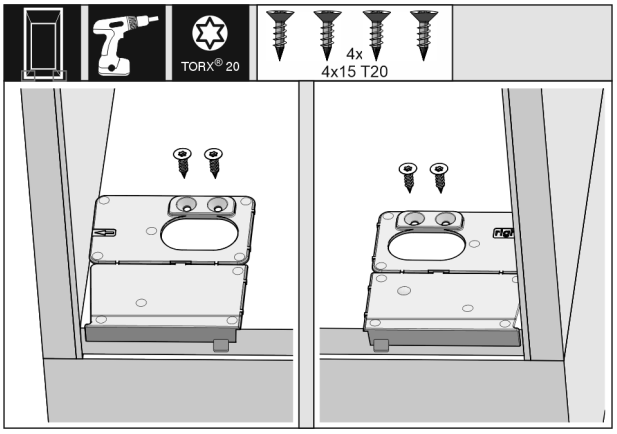


Fig. 28

▶ Screw the mounting brackets on the left and right of the recess floor, flush to the side wall.

*** Depending on model and options**

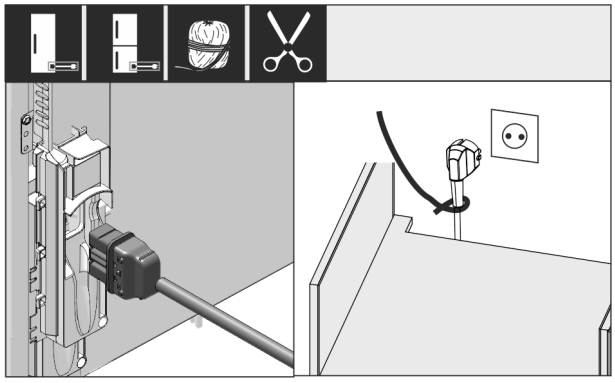


Fig. 29

- ▶ Remove the power cable from the package and plug it into the back of the appliance.
- ▶ Use a string to route the power plug cord to the accessible socket.

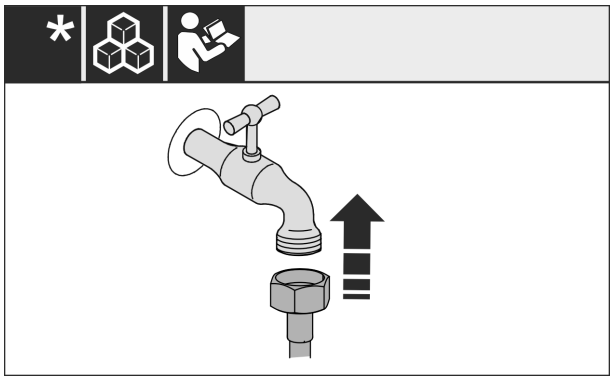


*Fig. 30 **

- ▶ If necessary, install the water connection at this point, following the instructions in the User Guide.*

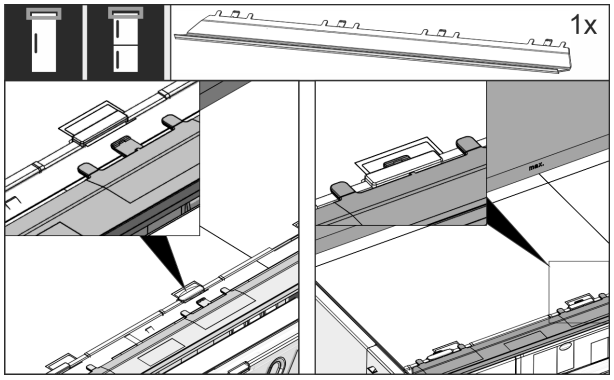


Fig. 31

- ▶ Insert the adapter panel on the top of the appliance. The panel can be moved to both sides.

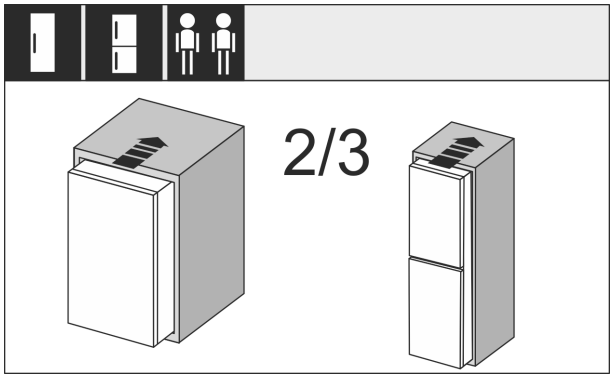


Fig. 32

- ▶ Slide the appliance 2/3 of the way into the cabinet recess.

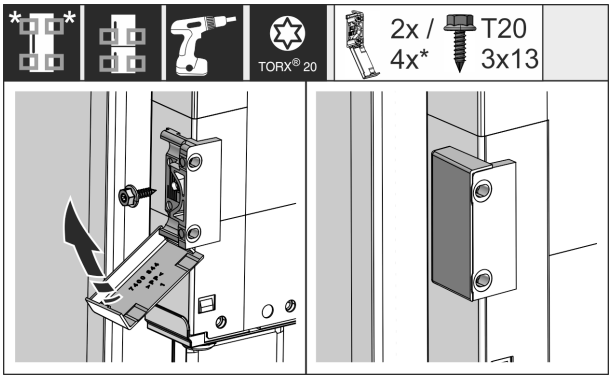


Fig. 33

- ▶ Fit the mounting bracket. Attach the mounting bracket at the height of the custom door panel handles. For a large door, use four mounting brackets.
- ▶ After assembly, fold the covers onto the bracket.

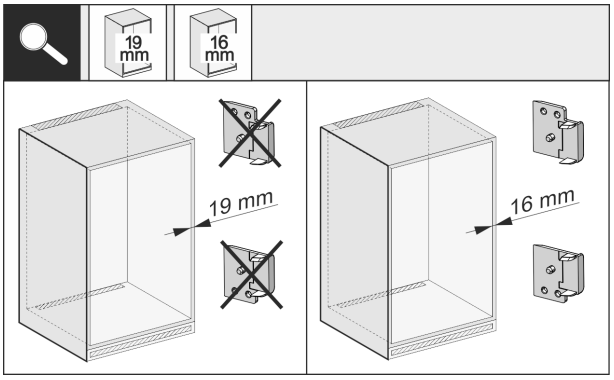


Fig. 34

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

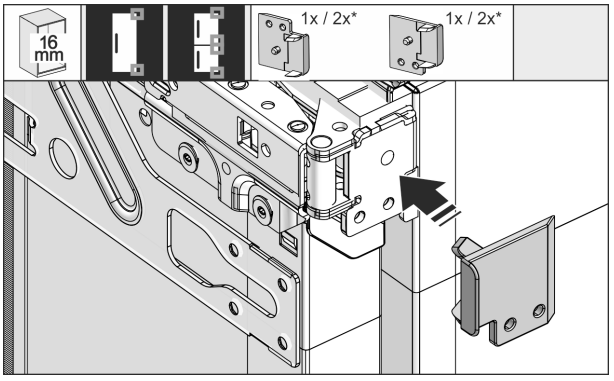


Fig. 35

- ▶ 16 mm thick unit side walls: Put a spacer on all hinges.
- ▶ 19 mm thick unit side walls: You do not need a spacer.

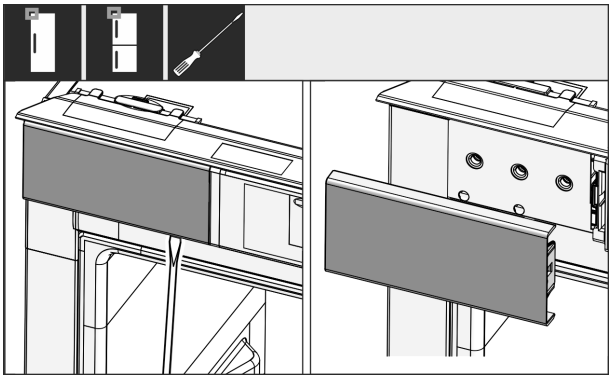


Fig. 36

- ▶ Use a screwdriver to loosen the cover at the top left and then remove it.

Fit the appliance into the recess

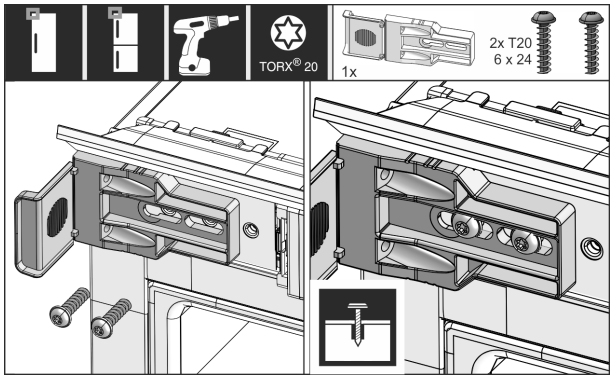


Fig. 37

▶ Loosely screw on the mounting bracket. The bracket should still be easy to move.

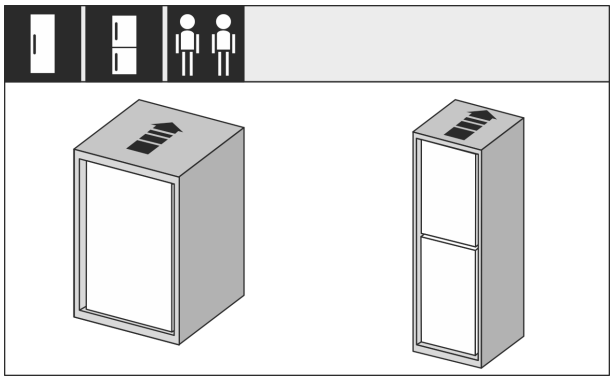


Fig. 38

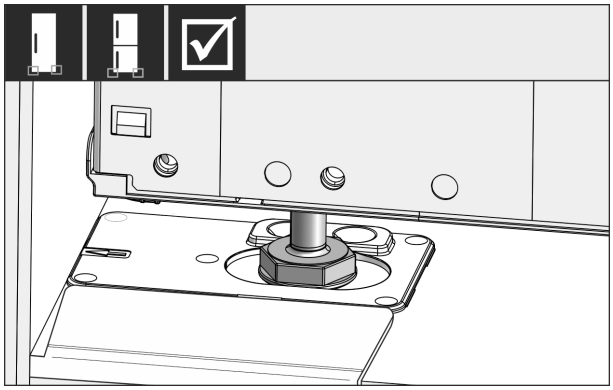


Fig. 39

▶ Push the appliance all the way into the unit recess. The adjustable feet must rest in the recesses in the brackets on both sides.

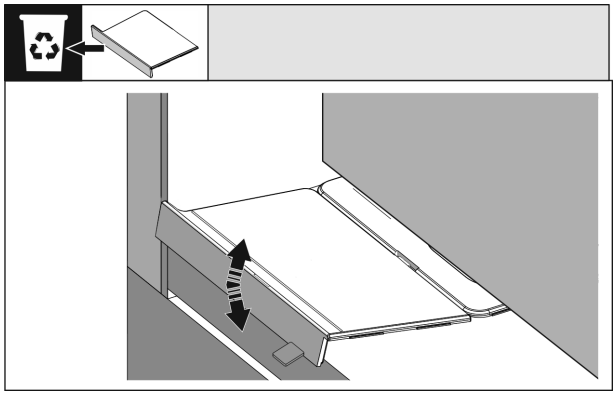


Fig. 40

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

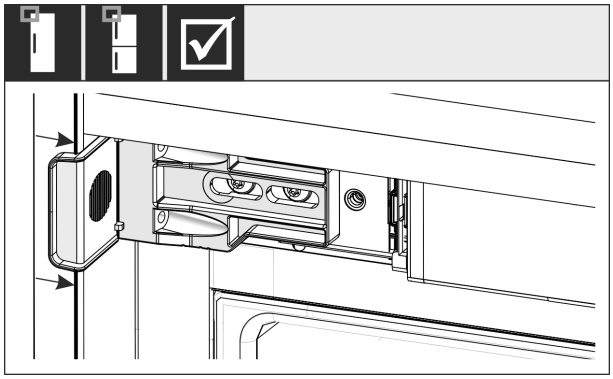


Fig. 41

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

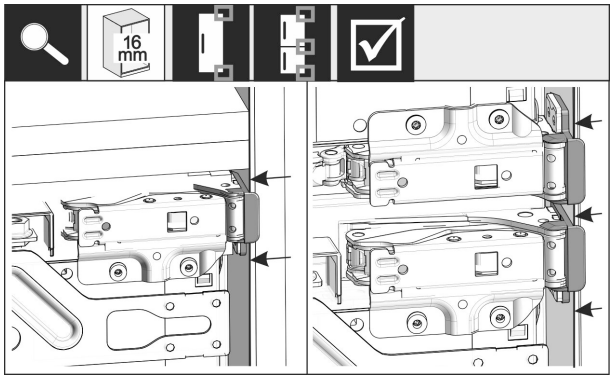


Fig. 42

Note
With 16 mm unit side walls, the spacers fit against the unit recess on the hinge side.

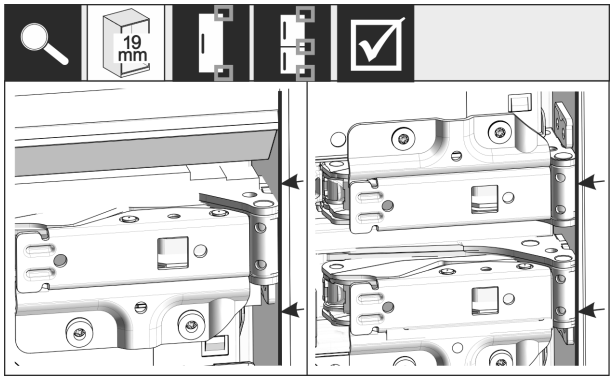


Fig. 43

▶ 19 mm thick unit side walls: Align the front of the hinges flush with the unit side wall.

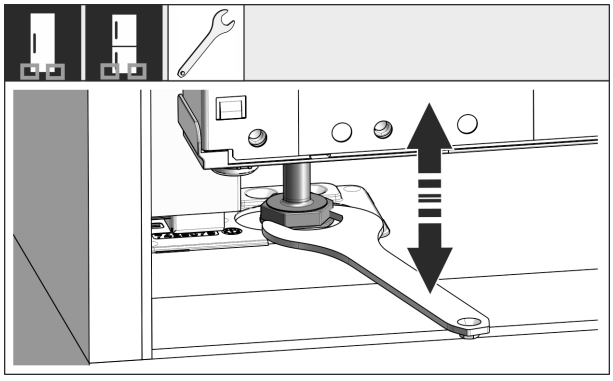


Fig. 44

▶ If necessary, level the appliance using the adjusting feet.

*** Depending on model and options**

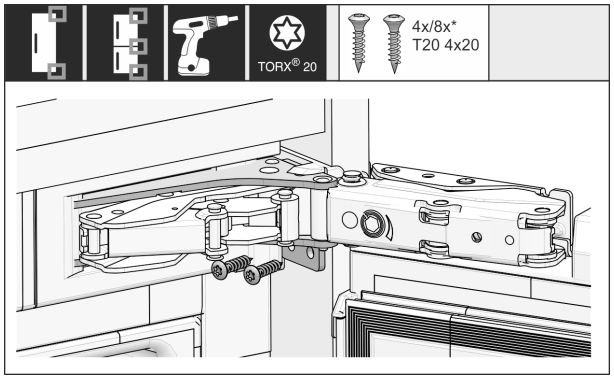


Fig. 45

▶ Screw on the appliance on the hinge side.

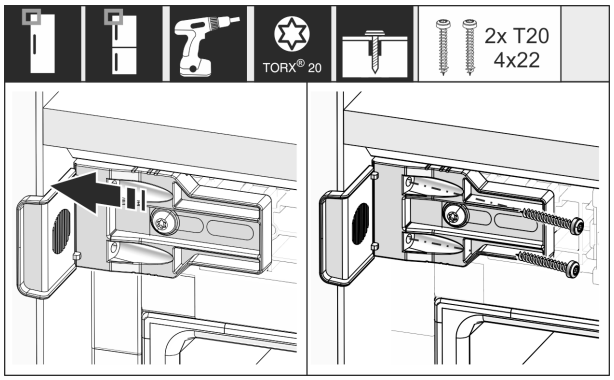


Fig. 46

▶ Move the bracket so it sits flush on the side wall of the cabinet recess.

▶ Tighten all the screws securely.

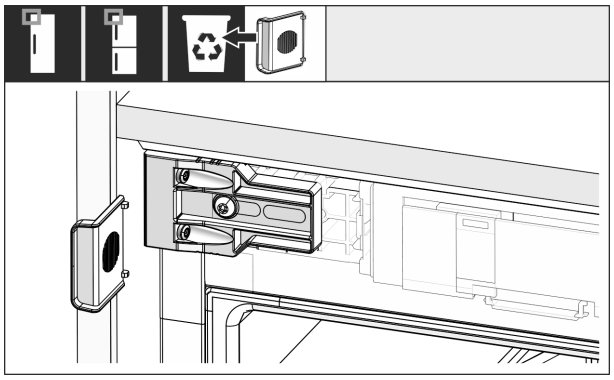


Fig. 47

▶ Remove the stop from the bracket on the handle side and dispose of it.

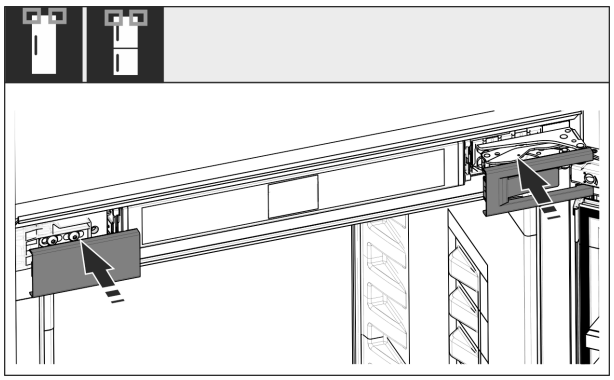


Fig. 48

▶ Place the cover.

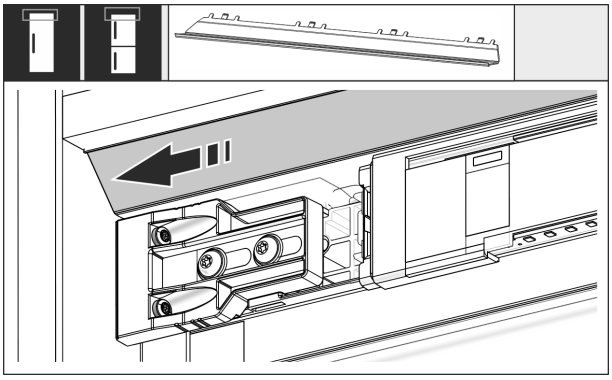


Fig. 49

▶ Slide the panel so that it sits flush with the side of the cabinet wall.

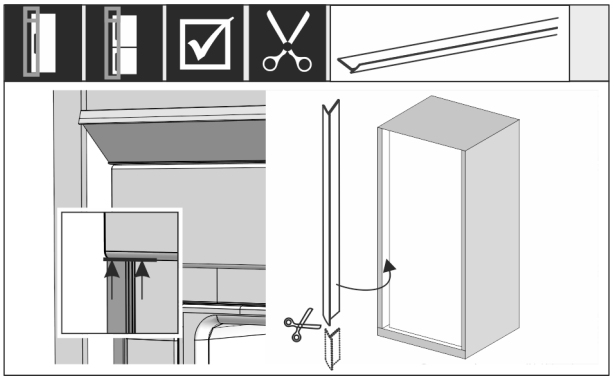


Fig. 50

▶ If necessary: Shorten the sealing strip as necessary with a sharp pair of scissors.

▶ Position the sealing strip below the top cover and press it in. The sealing strip is magnetic.

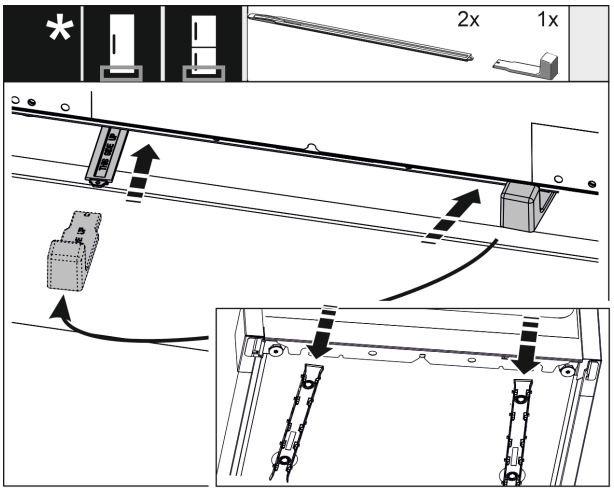


Fig. 51

The height adjustment is only supplied as standard for recess heights of 1400 mm and above. It is used for sound optimization. Both parts of the height adjuster are included in the accessory kit.

Stabilize the bottom of the appliance at the rear:

▶ Plug the grip into the height adjuster rail.

▶ Push the rail into the bottom of the appliance.

▶ Pull off the grip.

▶ Do the same thing with the second rail.

*** Depending on model and options**

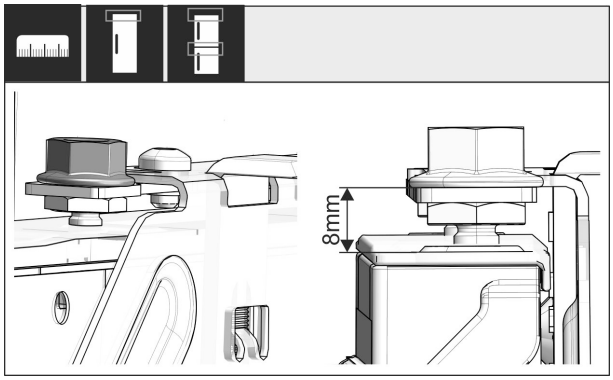


Fig. 52

▶ Close the door.
▶ Check the preset of 8 mm from the upper edge of the appliance door to the crosspiece support.

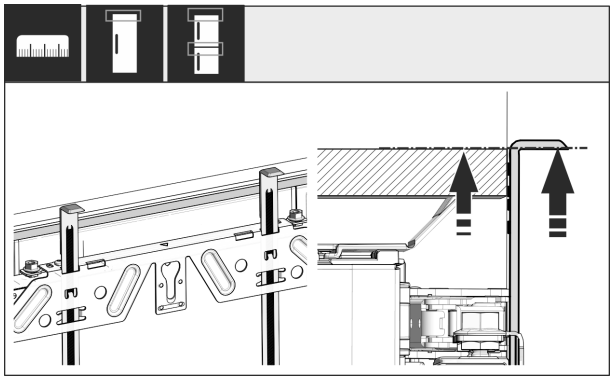


Fig. 53

▶ Push up mounting aids to the height of the cabinet door. Bottom stop edge of the fitting aid = top edge of the door to be fitted.

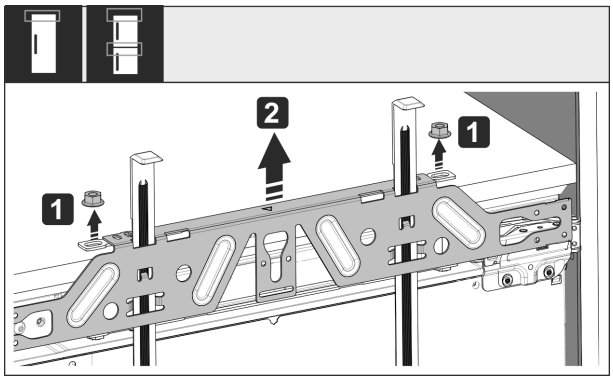


Fig. 54

▶ Loosen locknuts *Fig. 54 (1)*.
▶ Remove crosspiece *Fig. 54 (2)*.

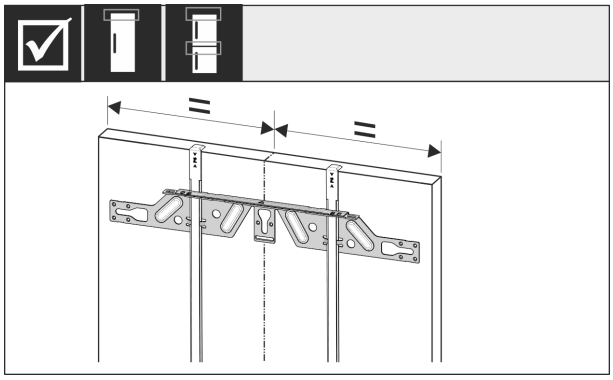


Fig. 55

▶ Center-align the crosspiece on the inside of the cabinet door.

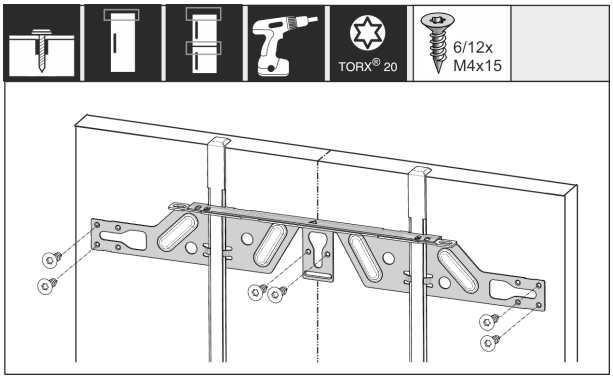


Fig. 56

▶ Fix the crosspiece using at least 6 screws for chipboard doors and at least 4 screws for panel doors.

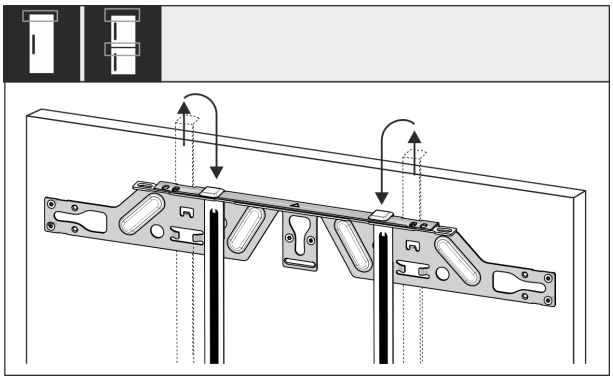


Fig. 57

▶ Remove the fitting aids, turn round and insert into the adjacent opening.

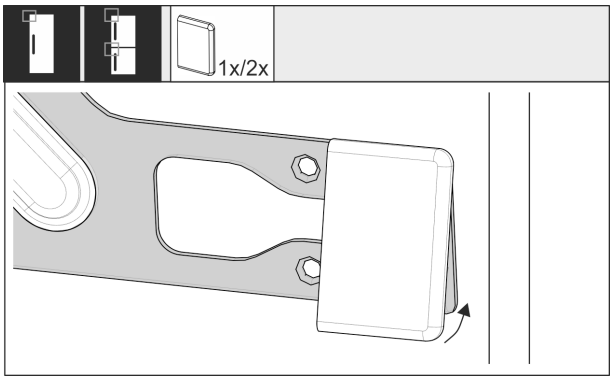


Fig. 58

▶ Put the cover on the crosspiece on the handle side.

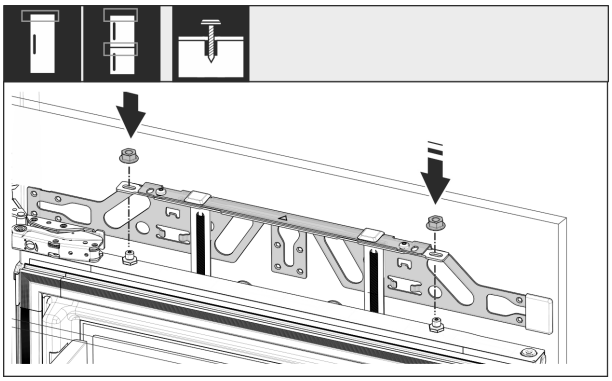


Fig. 59

▶ Attach the custom panel and loosely screw the lock nuts onto the adjusting bolts.

*** Depending on model and options**

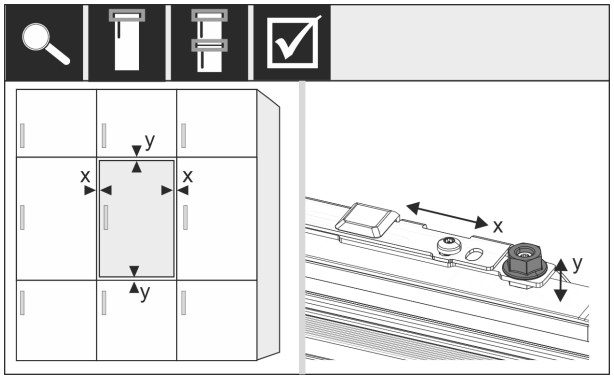


Fig. 60

▶ Align the custom panel in the X and Y direction using the adjusting bolts.

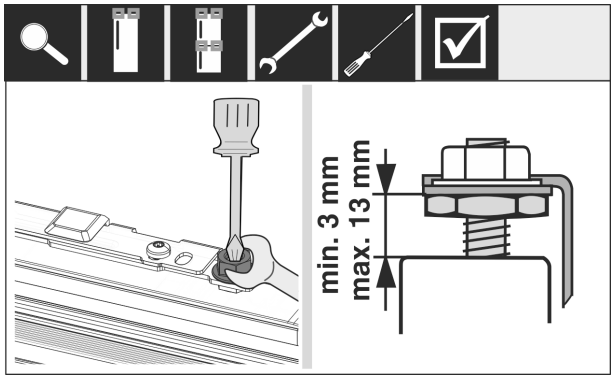


Fig. 61

▶ Tighten the lock nuts.

▶ Check the adjusted height.

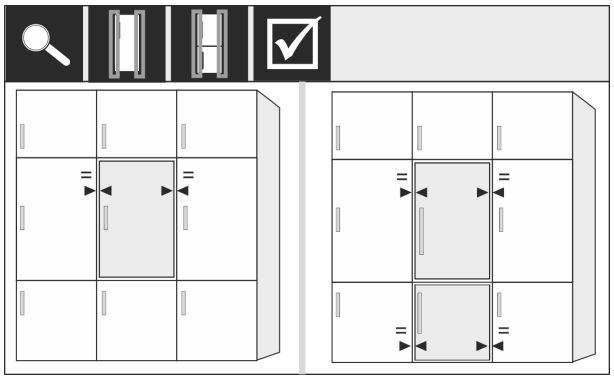


Fig. 62

For front panels thicker than 19 mm:

▶ Check the dimensions, weights and information in the following sections: (see 6 Custom panel weights) (see 17 Cabinet fronts)

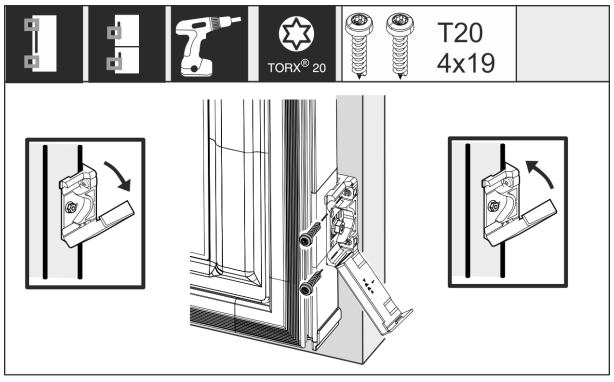


Fig. 63

Mounting the fastening bracket on the custom panel:

▶ Open the cover.

Mounting the fastening bracket on the custom panel:

▶ Align the front edge of the mounting bracket parallel with the custom door panel edge and screw the bracket down tightly.

Mounting the fastening bracket on the custom panel:

▶ Fold up the cover.

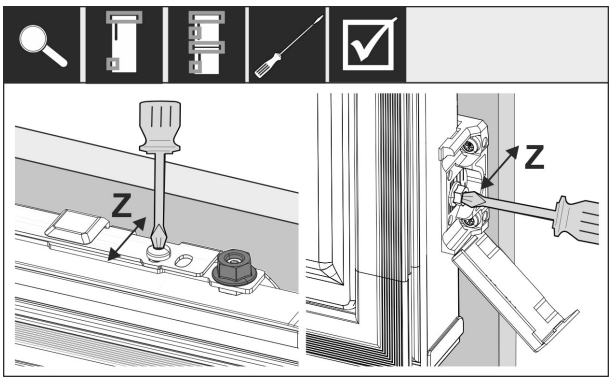


Fig. 64

Align the unit door in the Z direction:

▶ Loosen the adjusting screw on the crosspiece and the screw on the mounting bracket.

▶ Move the door.

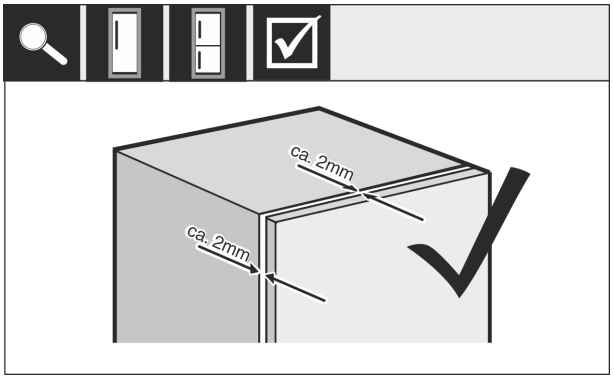


Fig. 65

▶ Check the gap between the custom panel and the unit body.

▶ Check all the screws and tighten them if necessary.

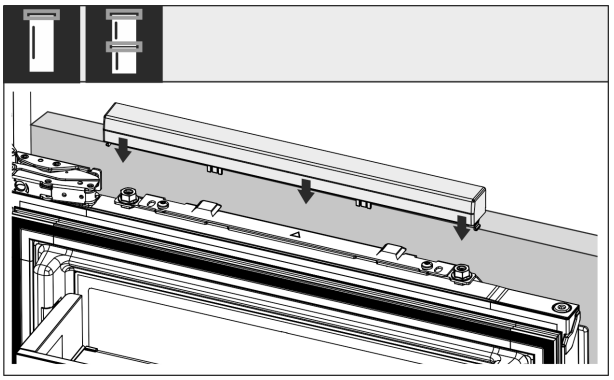


Fig. 66

▶ Put on the top cover.

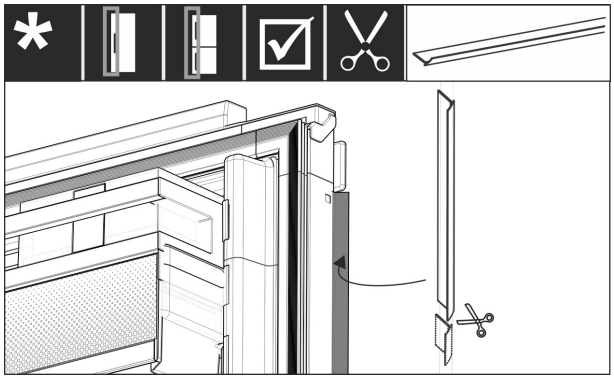


Fig. 67

▶ Cut the sealing strip to the required length.
▶ Insert the sealing strip between the front panel and the appliance door.

To make sure the appliance is correctly installed and there will not be any icing up, condensation or malfunctions, the following criteria apply:

- The door must close properly.
- The custom door panel must not touch the body of the unit.
- The seal on the upper corner on the handle side must be fitted securely.

▶ Check recess installation according to the criteria above.

17 Cabinet fronts

17.1 Dimensions

Depending on your model, you will need one or two cabinet doors. The size of the cabinet door(s) depends on the overall recess size and cabinet unit thickness.

Note
Observe the appliance and recess dimensions and follow the installation diagrams . See the relevant catalog for the installation diagrams.

General requirements:

- Please refer to our catalogs for appliance-specific recommendations on size and weight for fixed door installations.
- The body of the unit should be at least 16 mm thick but not more than 19 mm.
- When mounting a 2-door cabinet door, observe the recommended clearance.

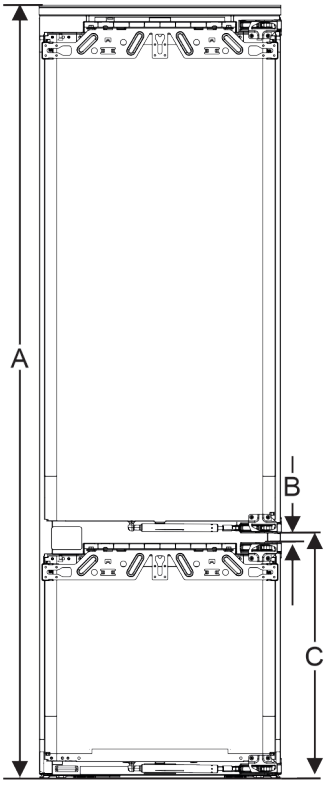


*Fig. 68 Clearances for a 2-door cabinet door**

Recess height 178-2 drawers*	
Appliance height (A) (mm)	1770
Distance (B) (mm)	15
Clearance (C) door-on-door (mm)	549+15 (21 5/8 + 5/8)

Recess height 178-3 drawers*	
Appliance height (A) (mm)	1770
Distance (B) (mm)	15
Clearance (C) door-on-door (mm)	695+15 (27 3/8 + 5/8)

Other cabinet door above, below or next to it:

- The vertical gap between custom panels must be 4 mm.
- The horizontal gap between custom panels must be 4 mm. Check the risk of them clashing here. (see 17.3 Setting the clearance to avoid collision)

Weight and hinges:

- Heavy cabinet fronts increase the stress on the hinge. The hinge may be damaged. As such, refer to the catalog for the maximum weight specification for your appliance.
- If the cabinet front exceeds the maximum permitted weight, an appliance with door-tracking device can help by loading the weight over several concealed hinges on the cabinet.
- If you use long unit fronts that protrude far above the appliances, we recommend an additional door hinge (e.g. Kamat), which must have the same pivot point as the fixed door hinge used with your appliance. By using another hinge (Kamat), the weight is shared over several points. The use of a milled compensating fastening is recommended for high unit fronts to counteract warping (convex/concave).

17.2 Mounting the cabinet front(s)

When installing, note:

- Cabinet front must be installed symmetrically to the refrigerator door.
- Adjoining cabinet front is exactly level.
- Adjoining cabinet front has the same edge radius as the front of the appliance.
- Cabinet front is flat and tension-free.
- The front panel has a minimum depth setting of approx. 2 mm to the body.

▶ Install the appliance in the recess. (see 16 Fit the appliance into the recess)
▶ Fasten the front panel to the appliance door. (see 16 Fit the appliance into the recess)
▶ Check that the front panel can close unobstructed. (see 17.3 Setting the clearance to avoid collision)

17.3 Setting the clearance to avoid collision

After installing the cabinet front(s), check that the cabinet fronts do not collide.

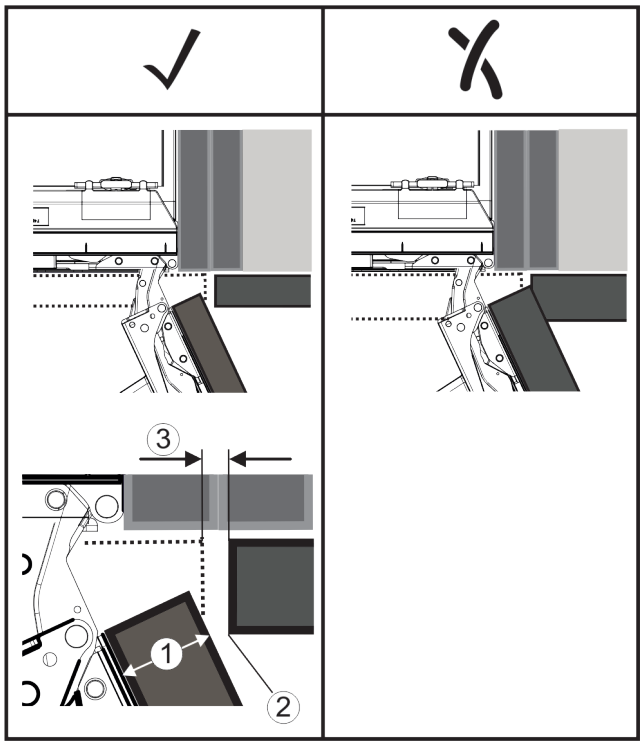


Fig. 69

(1) Front thickness (FD) **(3)** Clearance size (S)
(2) Edge radius (R)

	R (2) = 0 mm		R = 1,2 mm		R = 2 mm		R = 3 mm	
FD(1) (mm)	Gmin	Gmax	Gmin	Gmax	Gmin	Gmax	Gmin	Gmax
16	0,3	0,9	0,1	0,4	0,1	0,2	0,1	0,2
19	0,7	2,4	0,3	1,9	0,23	3,25	0,1	0,8
20	2	4,3	1,5	3,6	1	3,1	0,6	2,7
22	3,5	6,3	3	5,6	2,6	5,3	2,1	4,6
24	5,5	8,3	5	7,8	4,5	7,4	4	6,9
26	7,6	10,7	7	10,3	6,6	9,9	6,2	9,4

Fig. 70 Table of clearance limits

G_{min} = min. clearance in mm

G_{max} = max. clearance in mm

Note
When making adjustments, always make sure that the cabinet front suits the general appearance.

Check the collision factors and adjust them accordingly:

▶ Determine the front thickness and edge radius.
▶ Refer to the table for the min./max. clearance dimensions.
▶ Check the clearance size against the table.
▶ Do one of the following depending on the measured clearance size.

Clearance size	Description
$S > G_{max}$	If the clearance size is greater than the two limits, you do not need to make any adjustments.
$S < G_{min}$	If the clearance size is below the limits, you must increase it. Another option is to increase the edge radius.
$G_{min} \leq S \leq G_{max}$	If the clearance is between the two limits, you have to be careful. This will quickly lead to collisions.

18 Water tank*

Depending on your model, the InfinitySpring water tank is behind the lowest drawer in the fridge or BioFresh compartment

18.1 Inserting the water tank

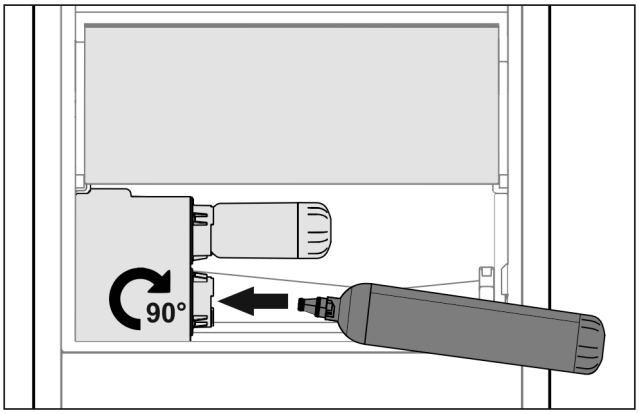


Fig. 71

▶ Remove the drawer.
▶ Insert the water tank and turn approx. 90° to the right until it engages.
▶ Check that the water tank is sealed and no water leaks out.
▶ Insert the drawer.
▶ Vent the water system (see Installation Instructions, Water Connection)

Instead of the water filter, you can use an additional water tank.

Note
The water tank is available as a spare part.

19 Water filter*

Depending on your model, the water filter is behind the lowest drawer in the fridge or BioFresh compartment.

It absorbs deposits in the water and reduces the taste of chlorine.

❑ Replace the water filter at least every 6 months under the specified usage conditions or if the flow rate drops significantly.
❑ The water filter contains carbon and can be disposed of with the regular household waste.

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

19.1 Installing the water filter

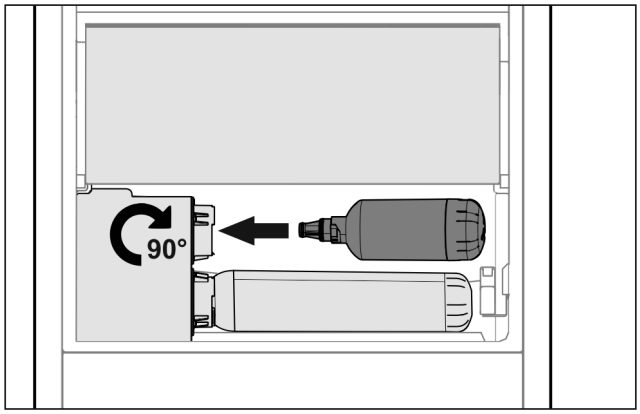


Fig. 72

▶ Remove the drawer.
▶ Insert the water filter and turn clockwise approx. 90° until it engages.
▶ Make sure the filter does not leak and no water is coming out.
▶ Insert the drawer.

CAUTION
New water filters may contain particulate matter.
▶ Draw 3 l of water from the InfinitySpring and dispose of it.

▷ The water filter is now ready for use.

20 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.

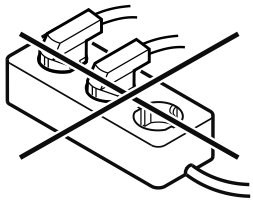
You can connect your appliance to the mains using the power cable supplied separately. The mains power cable has an appliance coupler at one end and a mains plug at the other end.

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 16 Fit the appliance into the recess)
- Requirements for the electrical connection are met. (see 2.3 Electrical connection)
- 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 (see 4 Recess dimensions) .

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 cable to the power supply.
▷ 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.



home.liebherr.com/fridge-manuals

EN Refrigerators and freezers for integrated use, door-on-door

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