



Installation Guide

Quality, Design and Innovation



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The manufacturer is constantly working to improve all models. Therefore please understand that we reserve the right to make design, equipment and technical modifications.




To get to know all the benefits of your new appliance, please read the information contained in these instructions carefully.

The instructions apply to several models, so there may be differences. Sections which only apply to certain appliances are indicated with an asterisk (*).

Instructions for action are marked with a , the results of action are marked with a .

1 General safety instructions

- Only install, connect and dispose of the appliance in accordance with the instructions.
- The socket must be easily accessible so that the appliance can be disconnected from the mains quickly in an emergency. It must not be behind the back of 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

Risk of fire due to refrigerant.

The refrigerant contained within the appliance is environmentally friendly, but flammable. Leaking refrigerant can ignite.

- Do not damage the pipes of the refrigerant circuit.

- If the appliance is installed in a very damp environment condensate water may form on the outside of the appliance. Always make sure the installation area is well ventilated. .
- The more refrigerant is in the appliance, the larger the room must be where the appliance is located. In the case of a leak, a flammable gas-air mixture may be created in a room that is too small. For every 8 g of refrigerant, the installation space must be at least 1 m³. Specifications regarding the refrigerant contained within the appliance can be found on the rating plate inside the appliance.

2.1.1 Installation surface

- The floor of the installation site must be horizontal and level.
- If the floor is not completely even, level the cabinet with supports.

2.1.2 Installation position

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

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

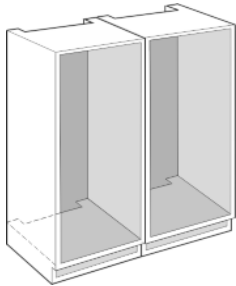
Risk of damage caused by water condensate!

- 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... See the SBS setup for positioning.

Setup type	Model
Stacked	Models up to maximum recess height of 880 mm and with heated top can be "stacked". Top appliance: to the max. recess height of 140 mm



Install each appliance into its own recess.

2.3 Electrical connection



WARNING

Risk of fire due to short circuit.
If the power cable or plug of the appliance or another appliance and the back of the appliance touch each other the power cable or plug will be damaged by the vibrations of the appliance which could lead to a short circuit.
► Install the appliance so that it does not touch any plugs or power cables.
► Do not connect the appliance or other appliances to the sockets on the back of the appliance.

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
ICSe 5122/ ICBSd 51../ ISKG 5Z1ec2	541	545	1770	523	67
ICSe 5103/ ICNSf 51../ ICBNSe 51../ ISKG/N 5Z1 ea3/fa3 / ISKGBN 5Z1ec3				669	

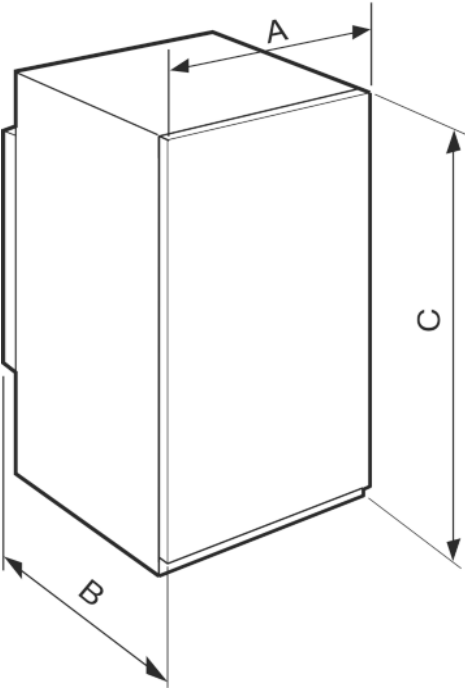


Fig. 2

3 Appliance dimensions

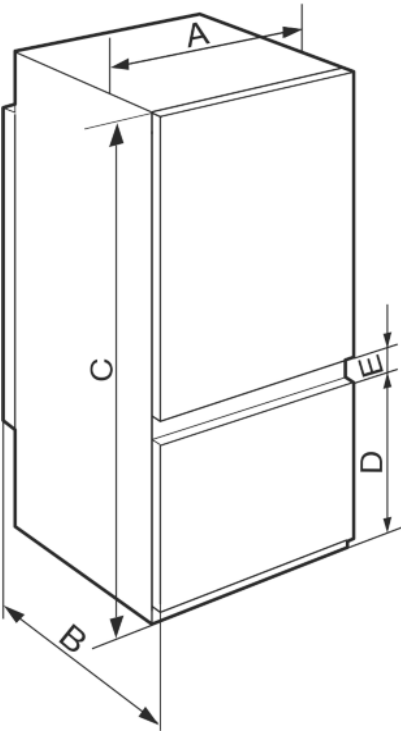


Fig. 1

	A (mm)	B (mm)	C (mm)
IRSf 39../ IFSe 39..	541	545	872
IRSe 41../ IRBSe 41../ ISK 4Z1/ea0/ea1			1218
IRBSe 51../			1770

* Depending on model and options

Recess dimensions

4 Recess dimensions

4.1 Internal dimensions

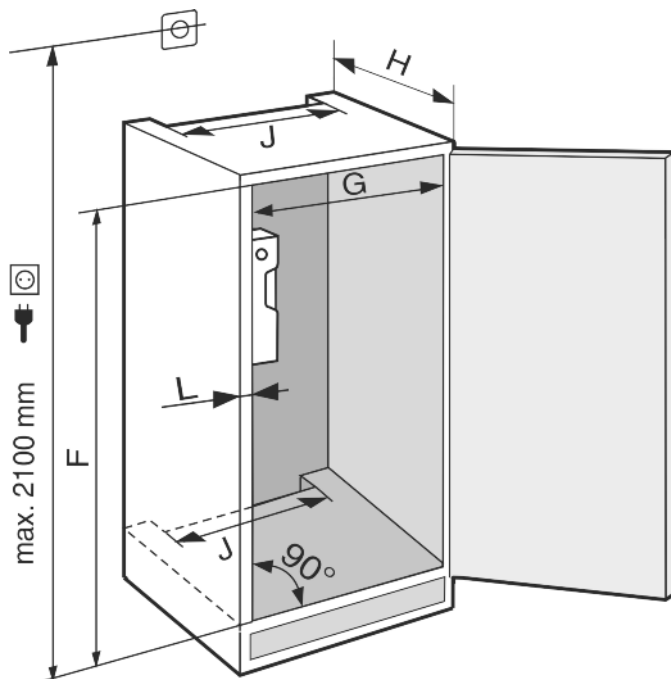


Fig. 3

	F (mm)	G (mm)	H (mm)	J (mm)	L (mm)
IRSf 39../ IFSe 39..	874 — 890				
IRSe 41../ IRBSe 41../ ISK 4Z1/ea0/ea1	1220 — 1236	560 — 570	min. 550, recom- mended 560	min. 500	max. 19
IRBSe 51../ ISKG 5Z1/ea3/ec2 / ISKGN 5Z1fa3	1772 — 1788				

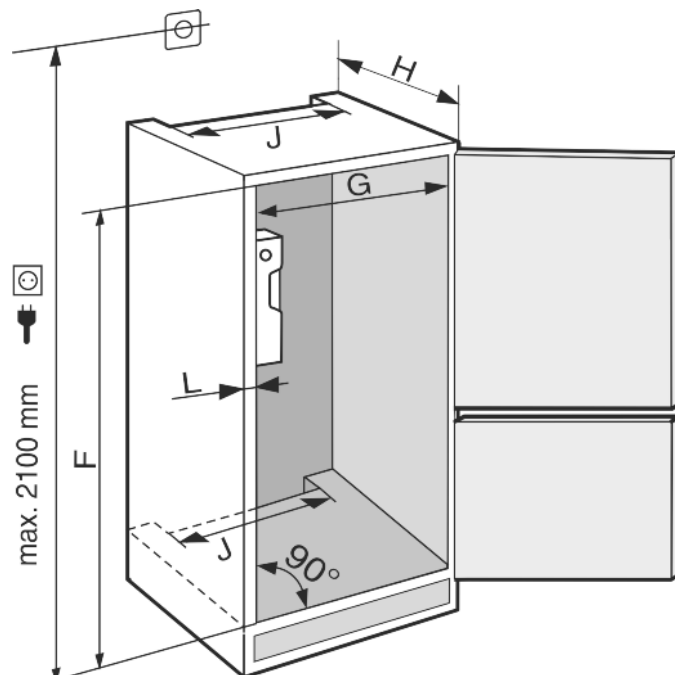


Fig. 4

	F (mm)	G (mm)	H (mm)	J (mm)	L (mm)
IC/N/Se 51../ ICB/N/S/e/d 51../SIFNSf 51..	1772 — 1788	560 — 570	min. 550, recom- mended 560	min. 500	max. 19

The declared energy consumption was determined with a kitchen cabinet depth of 560 mm. The appliance is fully functional with a kitchen cabinet depth of 550 mm but will have a slightly increased level of energy consumption.

- Check the wall thickness of adjacent cabinets: It must be min. 16 mm.
- Only install the appliance in solid, fixed kitchen cabinets. Ensure that the cabinets cannot tip over.
- Align the cabinets with a spirit level and a try square. If necessary, level them by putting something underneath them.
- Ensure that the floor and the side panels of the cabinet are at right angles to each other.

4.2 Ventilation requirements



WARNING

Danger of fire and damage due to blocked ventilation openings!

- Never block the ventilation openings. Always ensure good ventilation!

Note

If the gap between the back of the appliance and the wall is less than 51 mm, energy consumption can increase.

Ventilation is provided through the appliance pedestal.

Comply with the ventilation gaps:

- The depth of the ventilation shaft on the back wall of the cabinet must be at least 38 mm.
- The ventilation cross-sections in the cabinet base and cabinet setup above require at least 200 cm².
- Basically, the bigger the ventilation gap, the more energy-saving the operation of the appliance.

Sufficient ventilation is required for the appliance to operate correctly. The pre-fitted vents ensure an effective air-flow cross-section on the appliance of 200 cm². If you replace the vents with a cover panel, it must have at least an equal or larger air-flow cross-section than the manufacturer's vent.

5 Transporting the appliance

- Transport the appliance in its packaging
- Transport the appliance upright
- Do not move the appliance on your own

6 Unpacking the appliance

Note

The bags on the back of the appliance are important for it to work properly. The content is non-toxic and harmless.

- Do not remove the bags.

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 the mains cable from the back of the appliance. Also remove the cable holder, otherwise there will be vibration noise!

7 Setting up the appliance



CAUTION

Risk of personal injury!

- Have two people move this appliance into place.



WARNING

Danger of tilting.

- To avoid a hazard due to instability of the appliance, it must be fixed in accordance with 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.

7.1 After setup

- Remove all transport packaging.

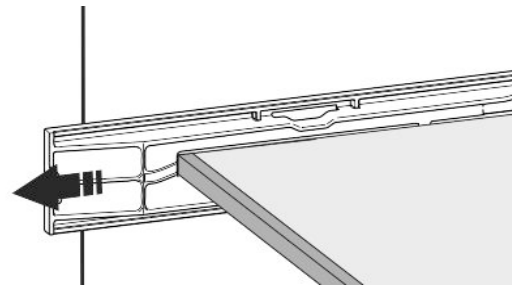


Fig. 5*

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

8 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.



9 Explanatory symbols used



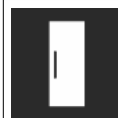
There is the risk of injury when doing this! Obey the safety instructions!



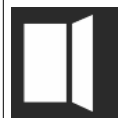
These instructions apply to several models. Only perform this step if it applies to your appliance.



To install, please follow the detailed description in the Guide.



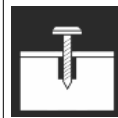
This section applies either to a single-door appliance or a double-door appliance.



Choose between the options of having the appliance with the door stop on the right or on the left.





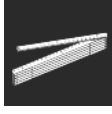
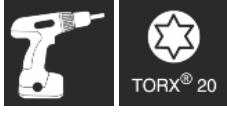













Installation step necessary with IceMaker and/or InfinitySpring.



Loosen or tighten screws slightly.

Reversing the door

	Tighten the screws fully.
	Check whether the following step is necessary for your model.
	Check the components are in correctly.
	Measure the given dimensions and correct if necessary.
	Installation tool: Meter stick
	Installation tool: Cordless screwdriver and adapter.
	Installation tool: Spirit level.
	Installation tool: Wrench with SW 7 and SW 10.
	Two people are required for this step.
	This step takes place at the selected location of the appliance.
	Installation aid: String.
	Installation aid: Square.
	Installation aid: Screwdriver.
	Installation aid: Scissors.

	Installation aid: Marker pen, removable.
	Accessories: Remove components.
	Dispose of components that are no longer needed.

10 Reversing the door

Tool

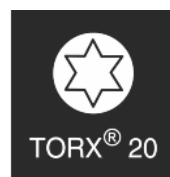


Fig. 6



WARNING

Danger of injury if the door falls out!

If the fasteners are not screwed on tightly enough, the door may fall out. This may lead to serious injuries. In addition, the door may not close, thus impairing the cooling performance of the appliance.

► Firmly tighten the top and bottom bearing brackets (to 4 Nm).

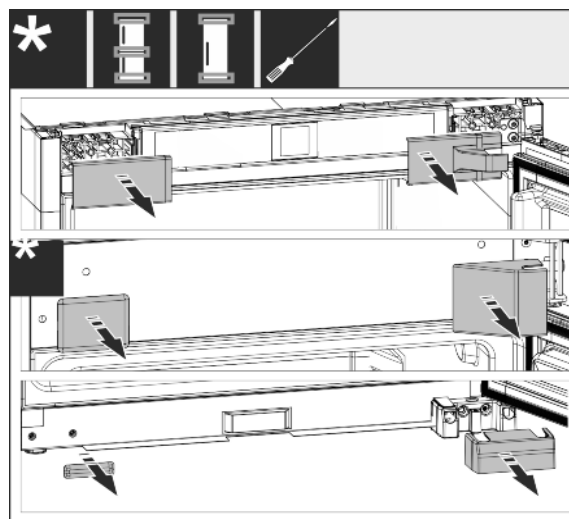


Fig. 7

► Remove any mounted covers, if necessary, use a slotted screwdriver to lift them off.

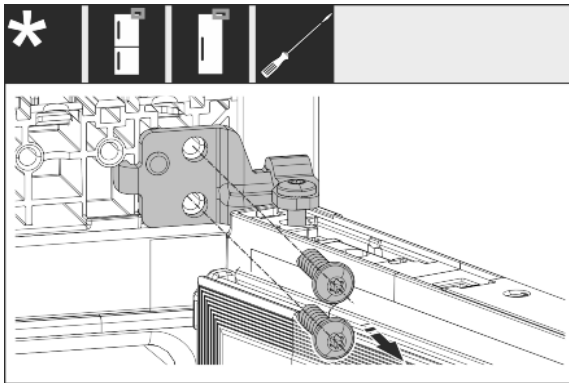


Fig. 8

- Loosen the screws on the bearing block. Secure the door against falling out.

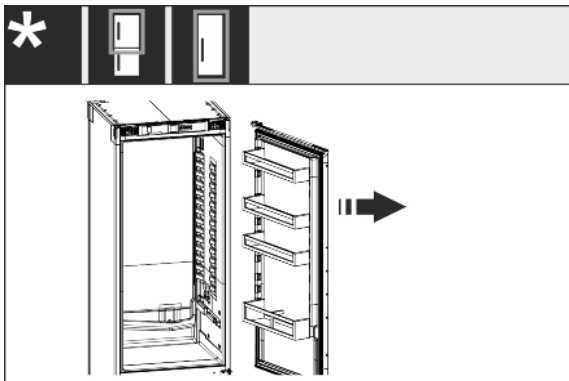


Fig. 9

- Remove the door together with the still screwed-on bearing bracket.

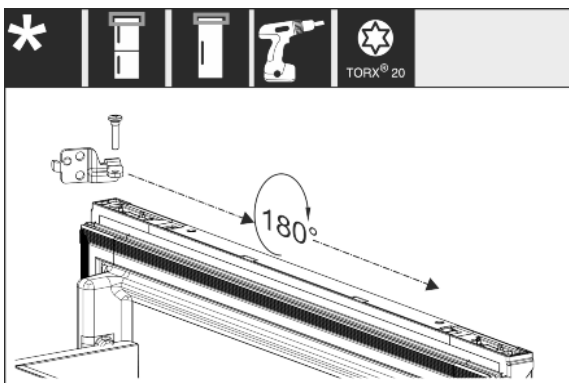


Fig. 10

- Turn and shift the bearing block by 180°.

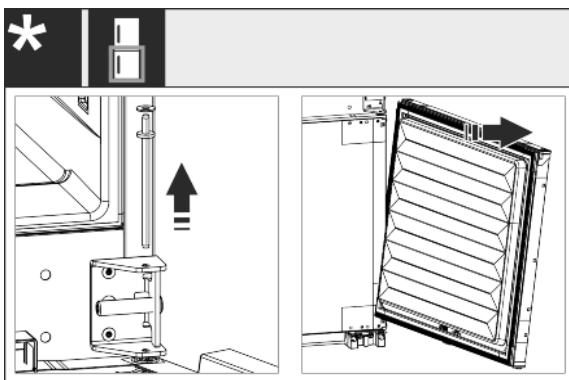


Fig. 11

- Removing the lower door: Pull out the middle bearing bolt with the disc. Secure the door against tipping out. Lift the door up.

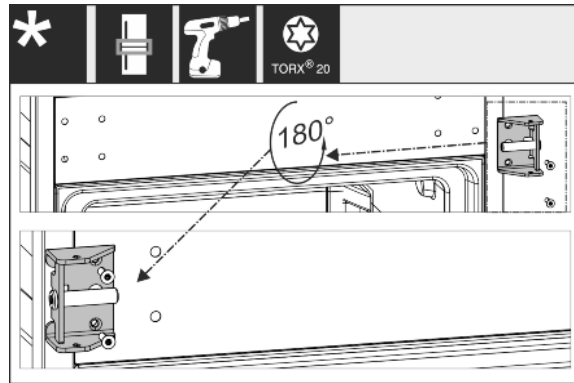


Fig. 12

- Shift the middle bearing block and screw it tightly.

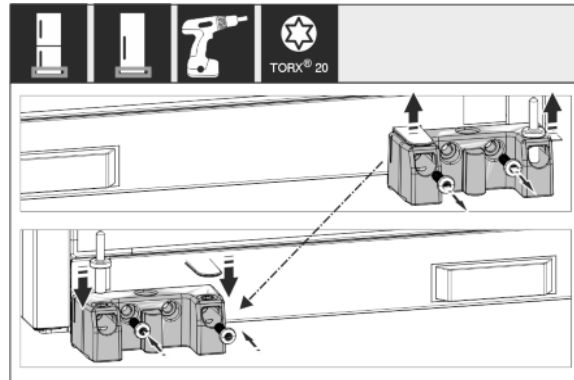


Fig. 13

- Shift the bottom bearing block and screw it tightly.

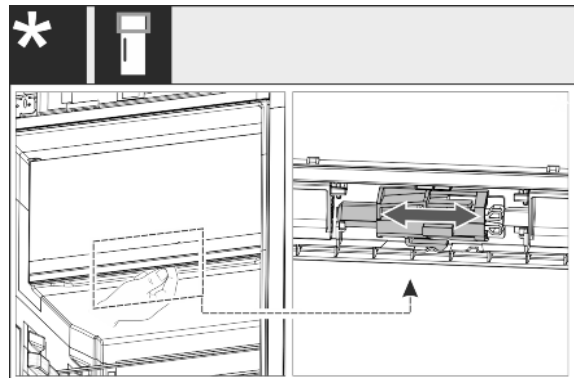


Fig. 14

- For one-door appliances: Change the door stop of the 4-star compartment by moving the lever. The door of the 4-star compartment must be closed. Move the lever from the bottom of the back of the door.

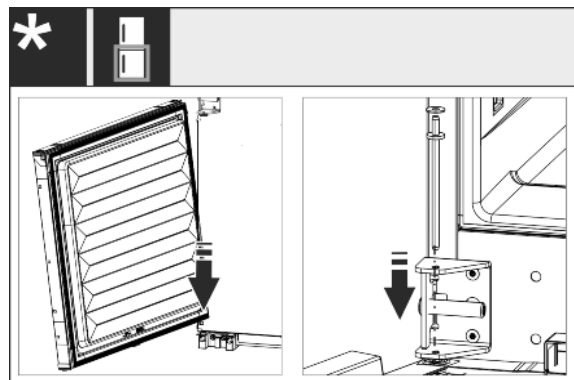


Fig. 15

Fit the appliance into the recess

- ▶ With combination units: Mount the lower door: Place on the hinge bolt at the bottom and rotate into place at the top. Insert the middle bearing bolt into the door from above through the middle bearing block.

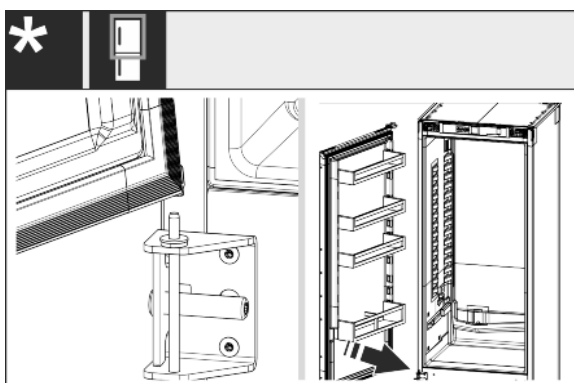


Fig. 16

- ▶ With combination units: Fitting the upper door: Place at the bottom of the middle bearing bolt.
- ▶ For one-door appliances: Fitting the door: Place on the bearing bolts at the bottom.

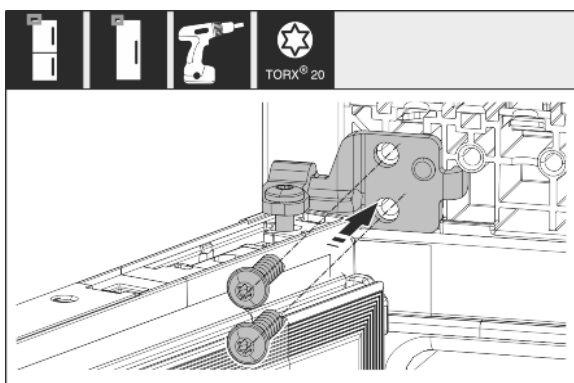


Fig. 17

- ▶ Screw the top bearing block to the housing.

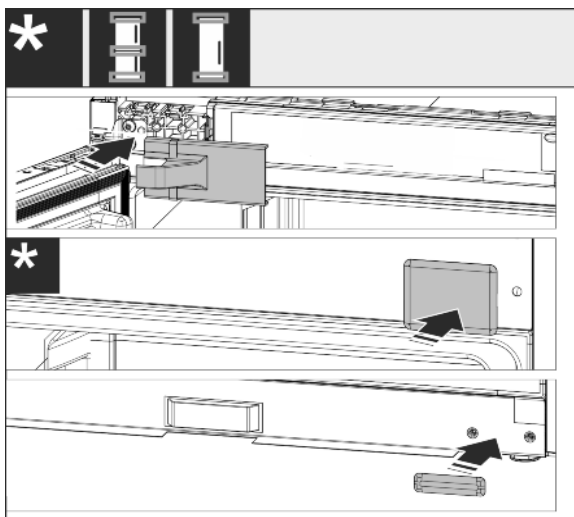
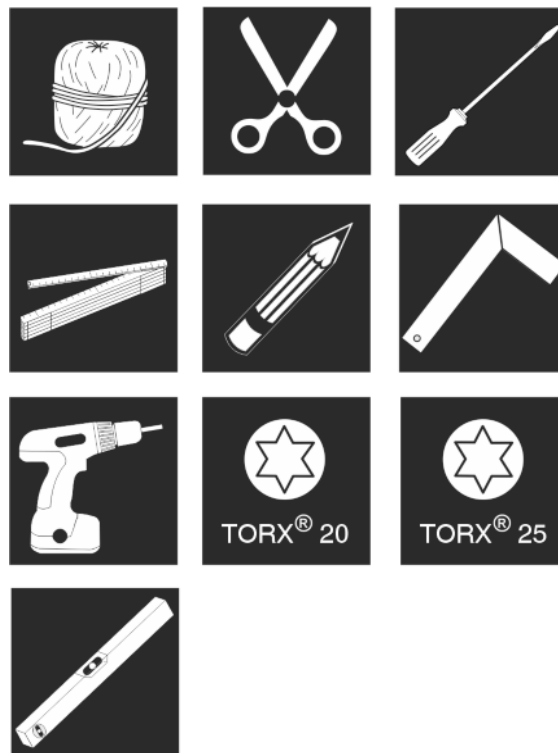


Fig. 18

- ▶ Refit the covers on the handle side. Only fit the hinge side cover after installing the appliance into the cabinet again.
- ▶ Check all screws and retighten if necessary.

11 Fit the appliance into the recess

Tools and aids



Supplied installation parts

Fig. 19

Fit the appliance into the recess

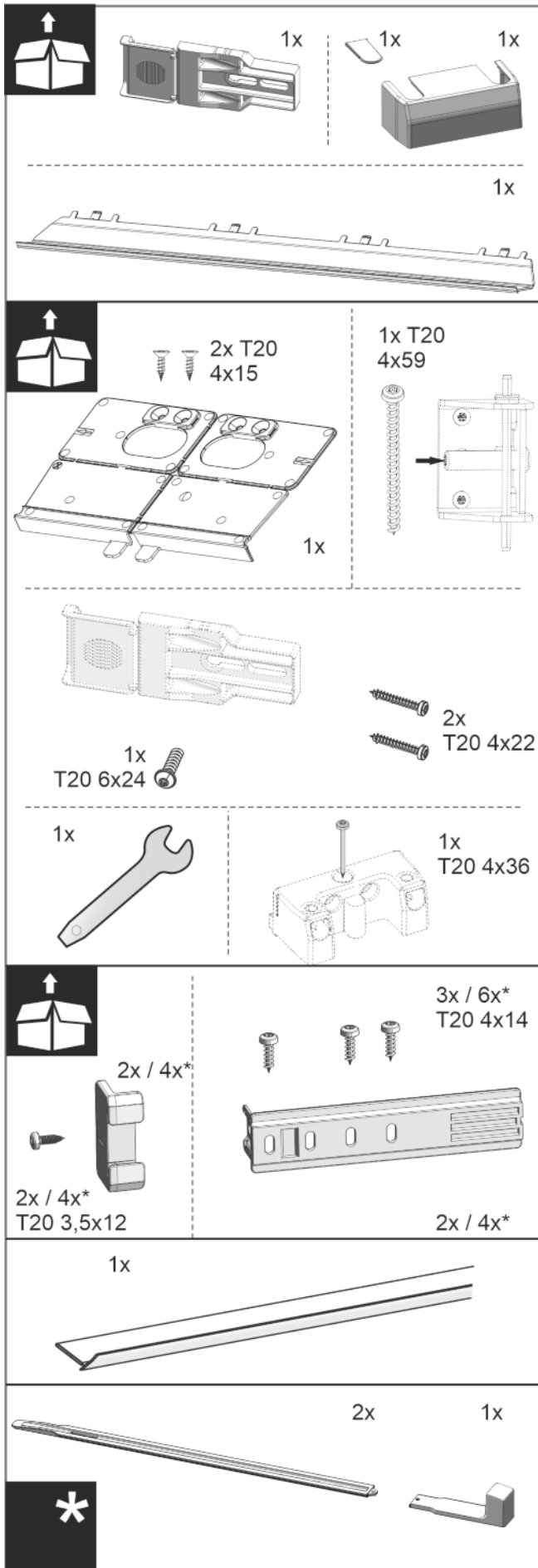


Fig. 20

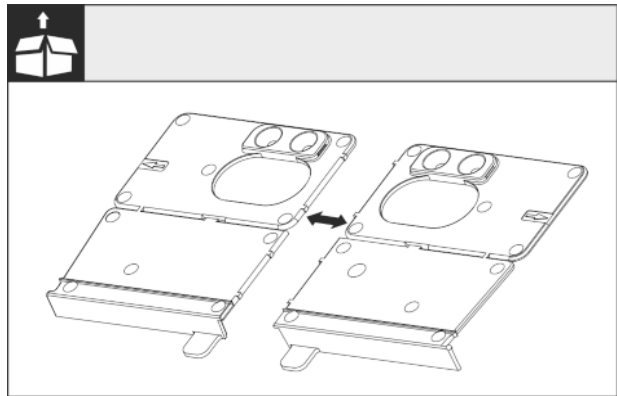


Fig. 21

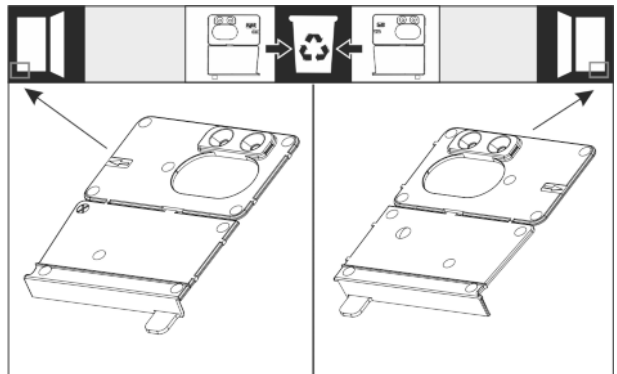


Fig. 22

- Separate the mounting bracket at the perforation. Dispose of either the right or left mounting bracket depending on the opening direction.

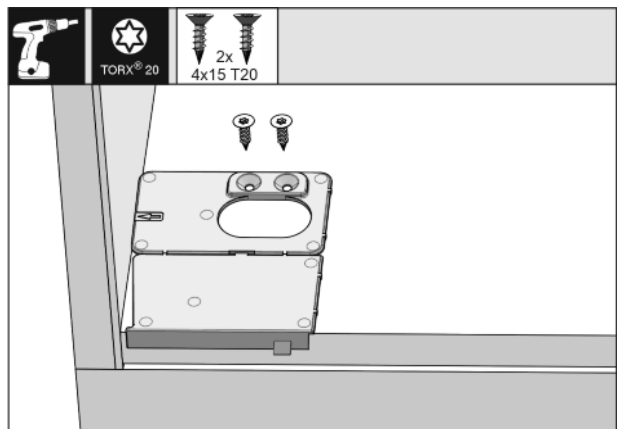


Fig. 23

NOTICE

Correct installation depth of the appliance.

- Using the mounting bracket ensures the correct installation depth of the appliance.
- Screw on the mounting bracket on the right or left (depending on the opening direction) flush to the side wall on the floor of the cabinet recess. The mounting bracket is always mounted on the handle side.

Fit the appliance into the recess

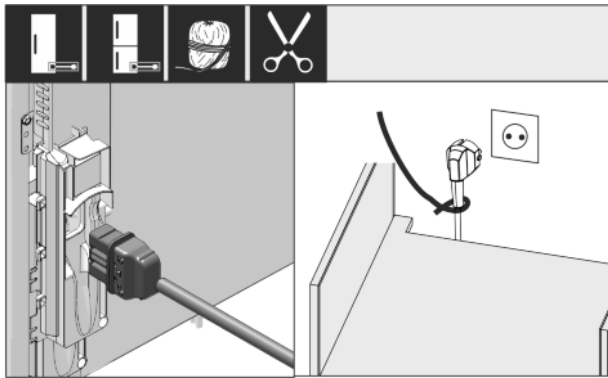


Fig. 24

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

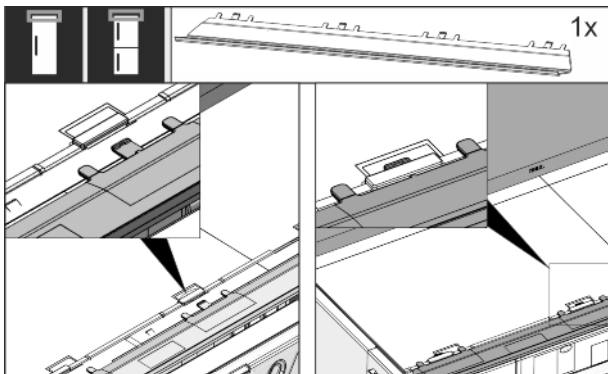


Fig. 25

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

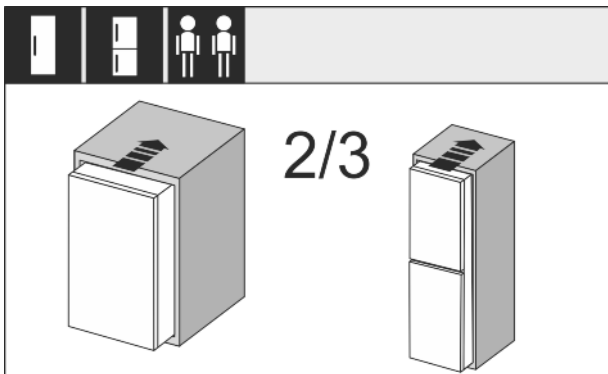


Fig. 26

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

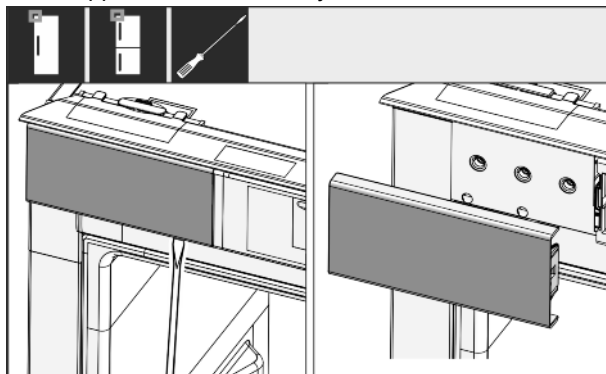


Fig. 27

- Use a screwdriver to loosen the cover on the top left and then remove it.
- Remove any other mounted covers.

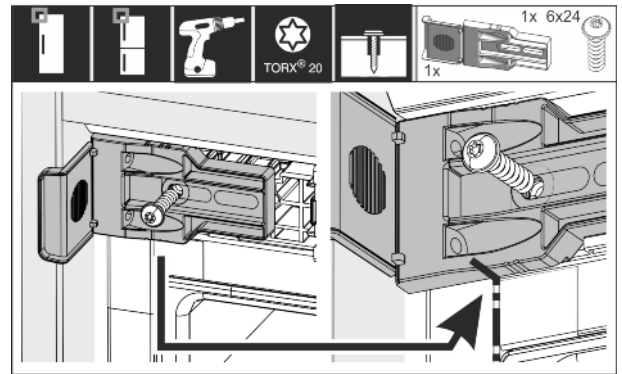


Fig. 28

- Screw on the mounting bracket. The bracket should no longer move. The marking of the mounting bracket should be located on the joint of the housing.

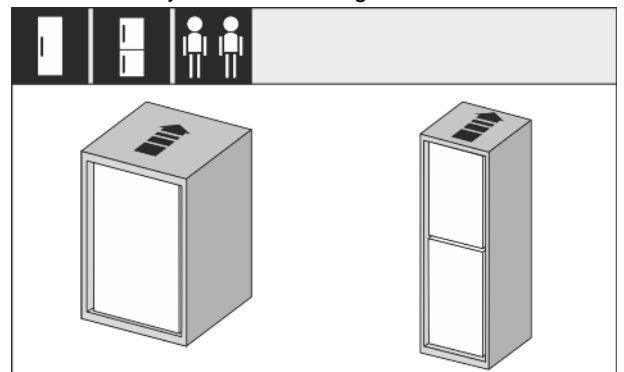


Fig. 29

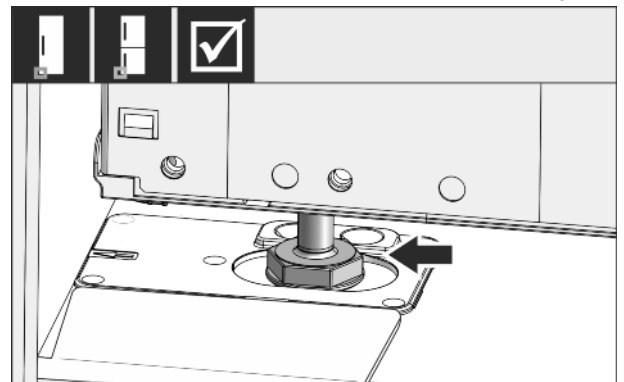


Fig. 30

- Now fit the appliance all the way into the cabinet recess. The adjusting foot must be in the groove of the mounting bracket.

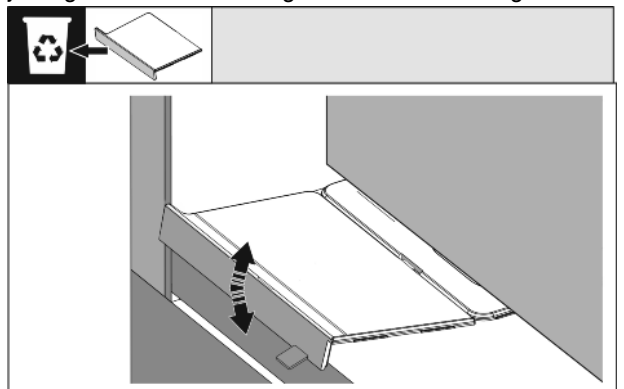


Fig. 31

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

Fit the appliance into the recess

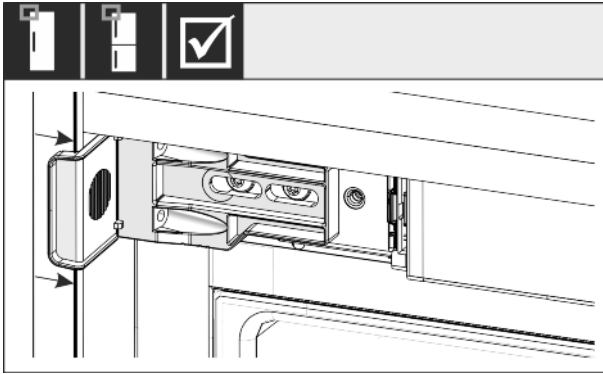


Fig. 32

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

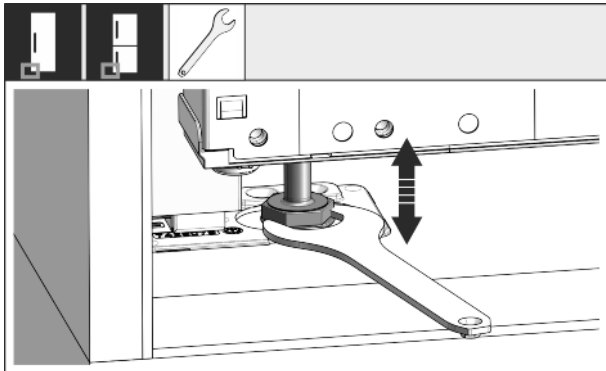


Fig. 33

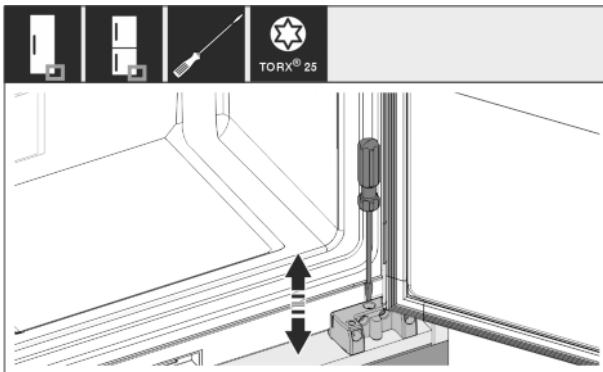


Fig. 34

- If necessary, level the appliance using the adjustable feet.

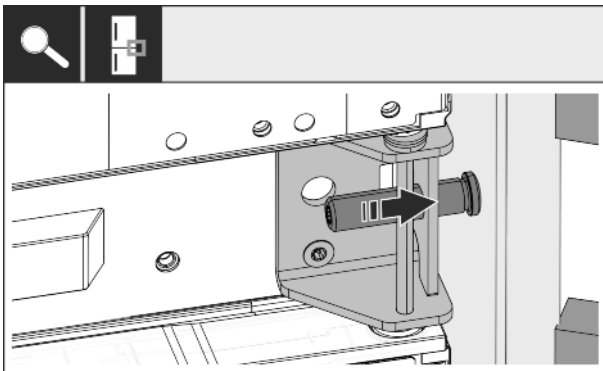


Fig. 35

- With combination units: Now attach the appliance on the hinge side over the middle bearing block in the recess. Make sure the cabinet wall is not damaged by the adjusting screw.

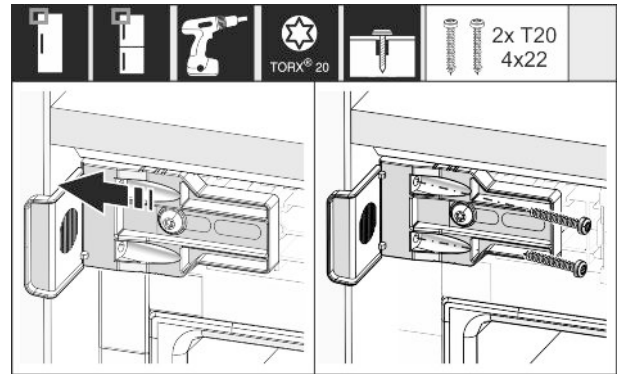


Fig. 36

- Screw the bracket to the side wall of the cabinet recess.

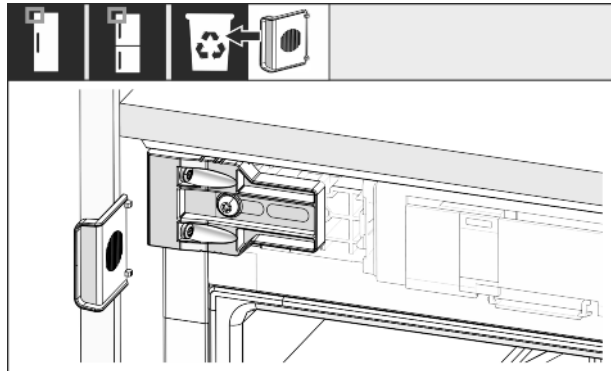


Fig. 37

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

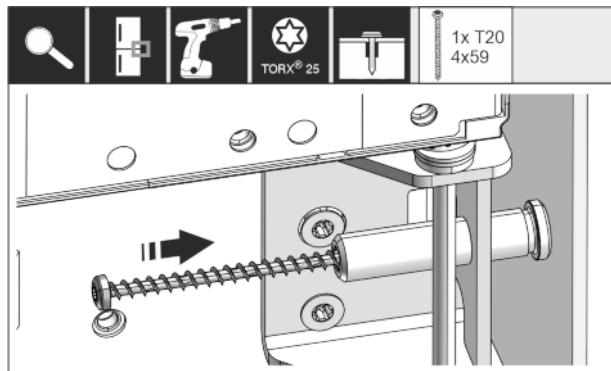


Fig. 38

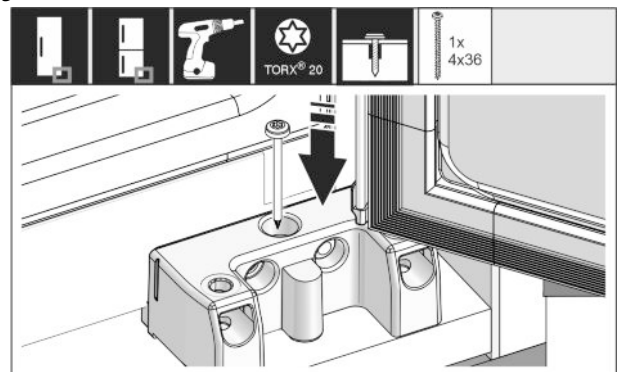


Fig. 39

- Screw the appliance on the hinge side over the middle and lower bearing block in the recess.

Fit the appliance into the recess

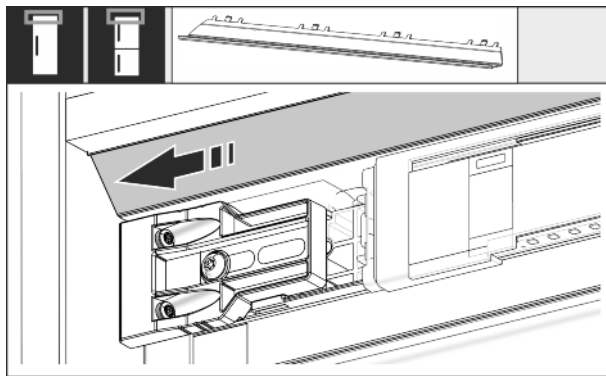


Fig. 40

- Move the cover panel so it sits flush on the side of the cabinet wall.

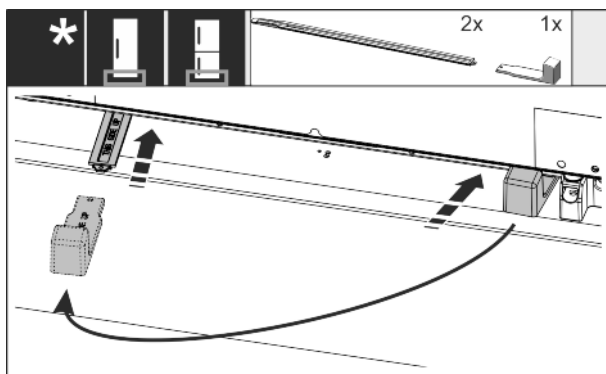


Fig. 41

The height adjustment is only supplied as standard from a recess height of 140cm and is used to optimize noise levels.

- To stabilize the back of the appliance at the bottom: Insert the handle to the rail of the height adjustment and slide the rail into the appliance base. Remove the handle and do the same with the second rail.

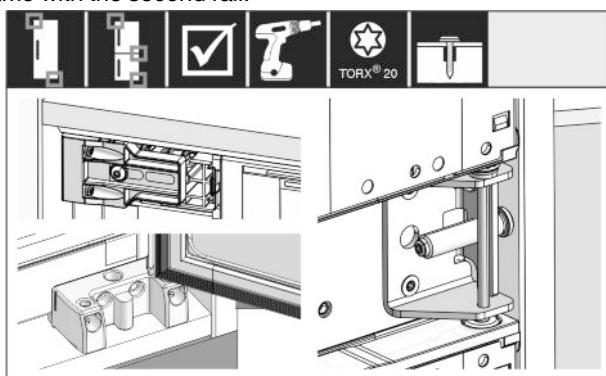


Fig. 42

- Check and retighten all screws.

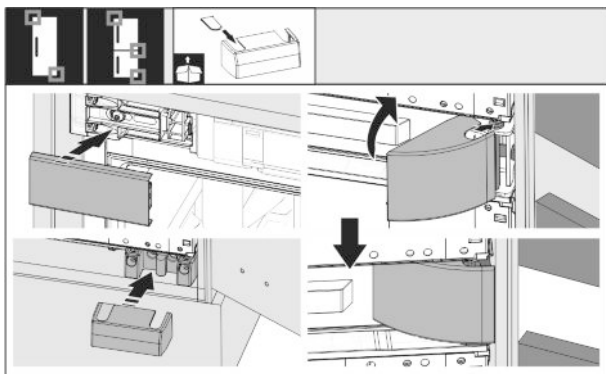


Fig. 43

- Put all covers on.

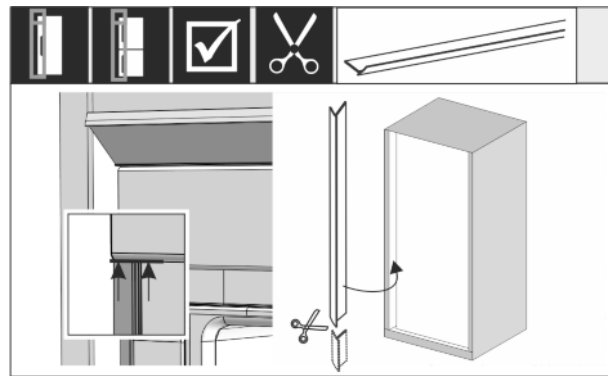


Fig. 44

- The trim is magnetic. Put the trim under the cover and press into place. If necessary, shorten the trim to the required length with a sharp pair of scissors.

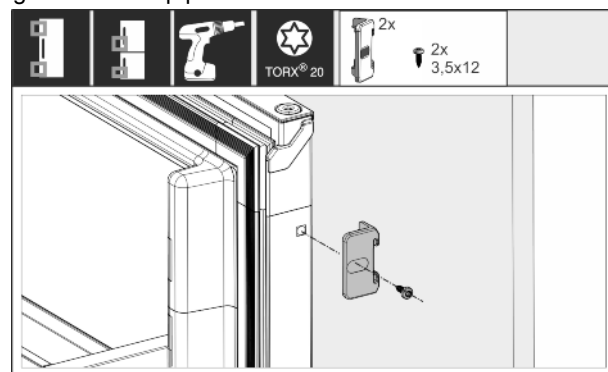


Fig. 45

- Attaching the cabinet door to the appliance door: Open the door as wide as it will go. Mount the bracket onto the appliance door.

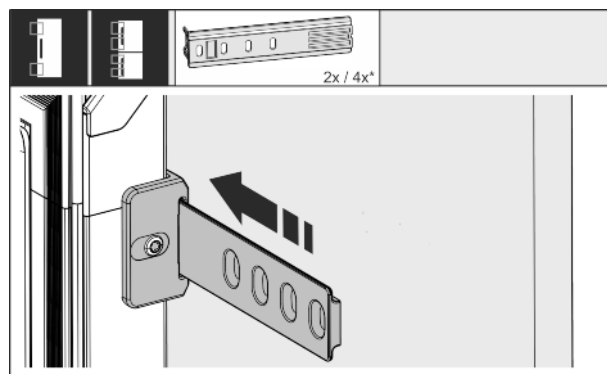


Fig. 46

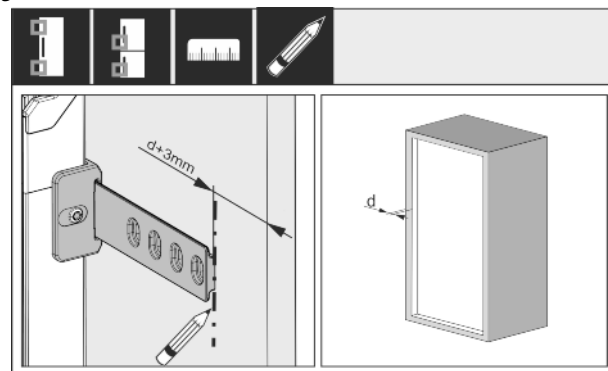


Fig. 47

- To calculate the distance between the end of the rail and the outer edge of the cabinet door, add 3 mm to the thickness of the cabinet side wall. Mark with washable ink.

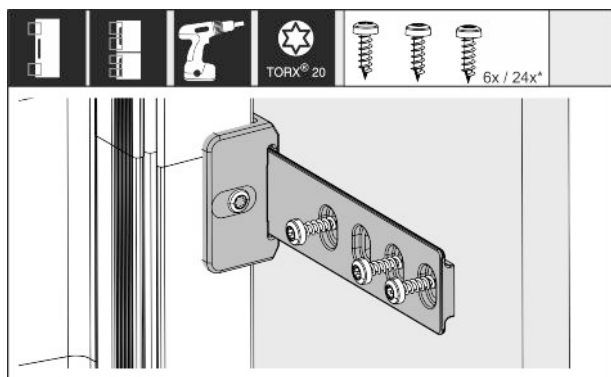


Fig. 48

- Push the rail into the bracket and screw it to the cabinet door.

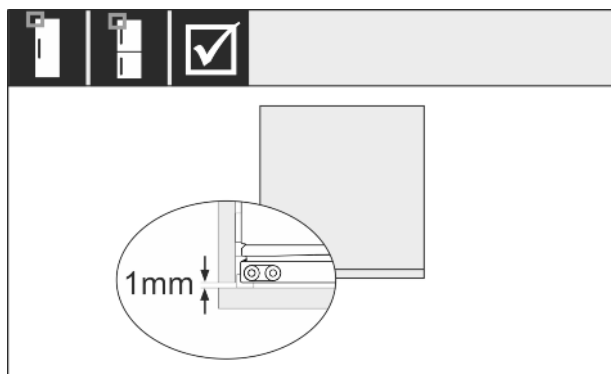


Fig. 49

- Check that the seal runs all the way around the appliance door.
- Make sure the cabinet door does not open onto the side wall of the cabinet recess. We recommend a min. gap of 1 mm.

12 Connecting the appliance



WARNING

Incorrect connection!
Risk of fire.

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

NOTICE

Incorrect connection!
Damage to the electronics.

- Do not use a stand-alone inverter.
- Do not use an energy saving plug.

Note

Only use the supplied mains cable.

- A longer mains cable can be ordered from Customer Service.

Make sure that the following requirements are met:

- The type of current and voltage at the installation site complies with the information on the type plate.
- The socket is grounded and electrically protected in accordance with regulations.
- The tripping current for fuse is between 10 and 16 A.
- The socket is easily accessible.
- The socket lies behind the back of the appliance in the given area (a, b, c).
- Check the electrical connection.
- Insert the appliance plug (G) on the rear side of the appliance. Ensure that it clicks into place.
- Connect the power plug to the voltage supply.



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EN Combined fridge-freezer for integrated use, door slider
ORIGINAL OPERATOR'S MANUAL

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