

Installation Guide

Quality, Design and Innovation



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The manufacturer works constantly on the further development of all the types and models. Therefore please understand that we have to 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. Differences may occur. Text relating only to specific appliances is marked with an asterisk (*).

Instructions are marked with a , and results are marked with a .

1 General safety instructions

- Only install, connect and dispose of the appliance according to the instructions.
- The socket must be easily accessible so that the appliance can be quickly disconnected from the supply in an emergency. It must be outside the area of the rear of 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 information and tips.

2 Installation conditions

⚠ **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.

Intended use

- Install and use the appliance in indoor spaces only.
- Use the appliance only once installed.

2.1 Location

⚠ **WARNING**
Fire hazard due to refrigerant!
The coolant used is eco-friendly but also flammable. Any leaking coolant may ignite.
▶ Do not damage the piping of the refrigeration circuit.

- If the appliance is installed in a very humid environment, condensation can build up on the outside of the unit.
  Always make sure the installation location is well ventilated .
- The more coolant there is in the appliance, the larger the room in which the appliance is installed must be. If the room is too small, any leak may create a flammable mixture of gas and air. For each 8 g of coolant the installation space must be at least 1 m^3. Information on the coolant is on the model plate inside the appliance.

2.1.1 Supporting floor

- The floor of the installation site must be horizontal and even.
- If the floor is not entirely even, the kitchen cabinet housing the appliance must be levelled with support blocks.

2.1.2 Positioning

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

2.2 Installing multiple appliances

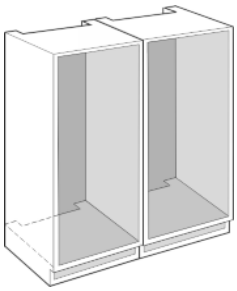
NOTICE
Risk of damage due to condensate!
▶ Do not install the appliance directly alongside a further refrigerator/freezer.

NOTICE
Risk of damage due to condensation!
▶ Do not install the appliance directly above another refrigerator or freezer.

These appliances are designed for a variety of installation options. Combine appliances only if the appliance is suitable. The following table shows the installation options by model:

Installation option	Model
Single	All models
Side-by-side (SBS)	Model names starting with **S...**. See the supplied SBS installation guide for the correct positioning.

Installation option	Model
Stacked	Models with a maximum recess height of 880 mm and with a heated cover can be “stacked”. Top appliance: up to a maximum recess height of 140 mm



Build each appliance into a separate recess.

2.3 Mains connection

WARNING
Risk of fire due to short circuit!
If the mains cable/connector of the appliance or of another appliance touch the rear of the appliance, the mains cable/ connector may be damaged by the appliance vibrations, leading to a short circuit.

- ▶ Stand the appliance so that it is not touched by connectors or main cables.
- ▶ Do not plug the appliance or any others into sockets located near the rear of the appliance.

3 Appliance dimensions

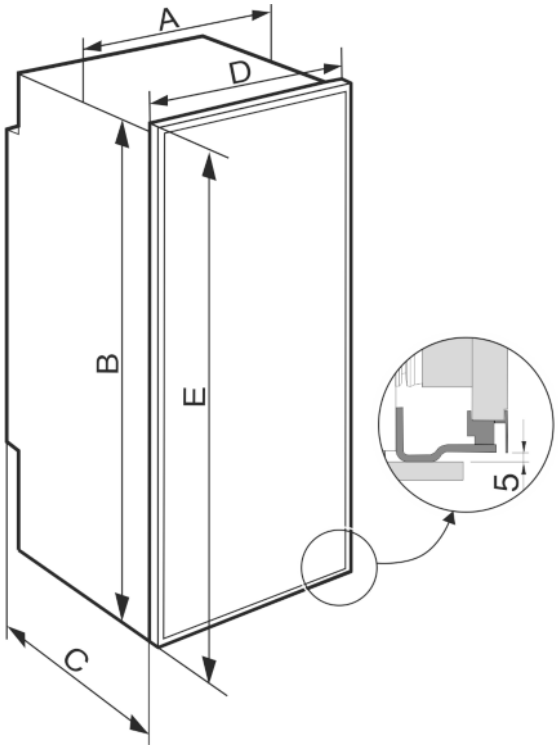


Fig. 1

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
DRf 39..,	557	872	512	591	888
DRe 41..	557	1213	512	591	1232

4 Recess dimensions

4.1 Internal dimensions

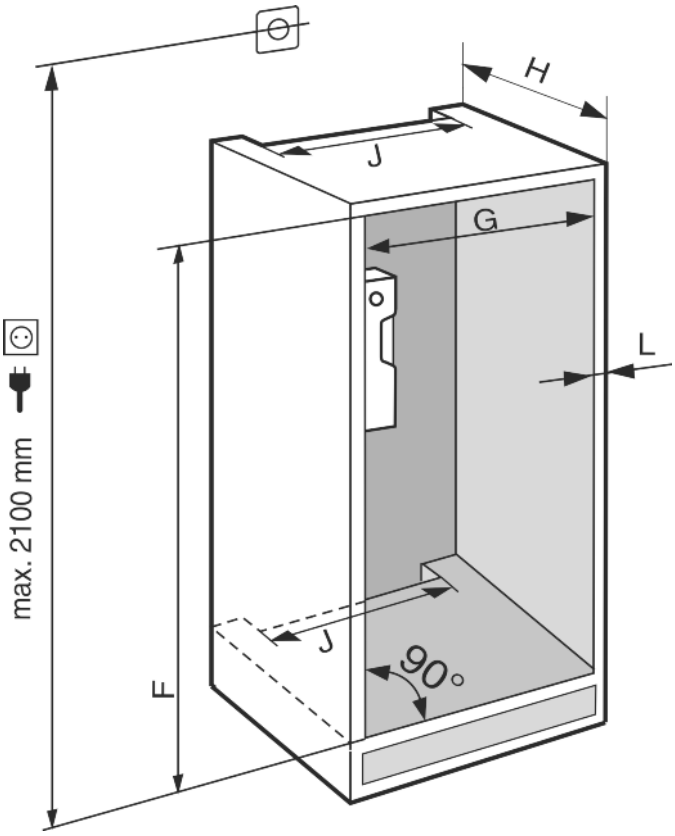


Fig. 2

	F (mm)	G (mm)	H (mm)	J (mm)	L (mm)
DRf 39...	874 — 880	560 — 570	min. 550, recom-mended: 560	min. 500	max. 19
DRe 41...	1220 — 1226				

The specified energy consumption applies to a unit depth of 560 mm. The appliance will work properly at a unit depth of 550 mm, but at a slightly higher energy consumption.

- ▶ Check the wall thickness of adjacent cabinets: It must be min. 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.
- ▶ Ensure that the floor and the side panels of the cabinet are at right angles to each other.

4.2 Ventilation requirements

WARNING
Blocked ventilation openings pose a risk of fire and damage!
▶ Always keep the ventilation openings clear. Always ensure that the appliance is properly ventilated!

Note
If the gap between the rear wall of the appliance and the wall is less than 51 mm, it will consume more energy.

Ventilation is provided through the appliance base.

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^2 is required for the ventilation gaps in the plinth and the housing cabinet.
- As a rule, the bigger the ventilation space the more efficiently the appliance can run.

Sufficient ventilation is required for the operation of the appliance. The provided ventilation grids ensure an effective ventilation gap on the appliance of 200 cm^2. If you replace the ventilation grids with a panel this must have the same size or larger ventilation gap than the grid provided by the manufacturer.

5 Transporting the appliance

▶ Transport the appliance only in suitable packaging.
▶ Transport the appliance upright.
▶ Do not transport the appliance on your own.

6 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.
▶ Take the power cable from the rear of the appliance. Remove the cable brackets when you do this, otherwise there will be noise caused by vibrations!

7 Setting up the appliance

CAUTION
Risk of injury!
▶ The appliance must be transported to its place of installation by two people.

WARNING
Risk of tipping
▶ The appliance must be fixed in accordance with the instructions in order to prevent a hazard caused by the instability of the appliance.

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.

7.1 After installation

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

8 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.

9 What the symbols mean

	Risk of injury here! Follow the safety notes!
	These instructions apply to a range of models. Follow this step only 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 either an appliance with the door opening to the right or an appliance with the door opening to the left.
	Installation step required if your model has IceMaker and/or InfinitySpring.
	Just loosen the screws or tighten them slightly.
	Tighten the screws.

* Depending on model and options

	Check whether the following step is necessary for your model.
	Check the correct assembly/seat of the components used.
	Measure the given dimensions and correct if necessary.
	Tool for assembly: Metre rule
	Tool for assembly: Cordless screwdriver and attachments.
	Tool for assembly: Spirit level.
	Tool for assembly: SW 7 and SW 10 spanners.
	Two people are required for this step.
	Carry out this step at the marked place on the appliance.
	Tools for assembly: String.
	Tools for assembly: Square.
	Tools for assembly: Screwdriver.
	Tools for assembly: Scissors.
	Tools for assembly: Marker pen, removable.

	Accessories: Remove components.
	Dispose of components that are no longer needed.

10 Reversing the door

Tool



Fig. 3

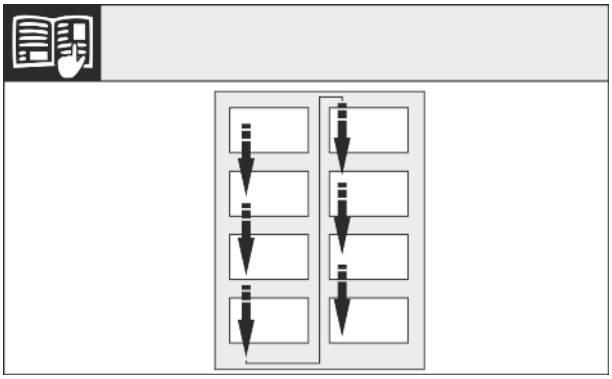


Fig. 4

▶ Follow the steps in order.

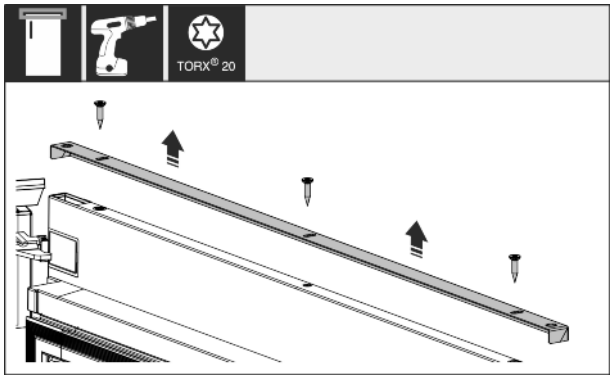


Fig. 5

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

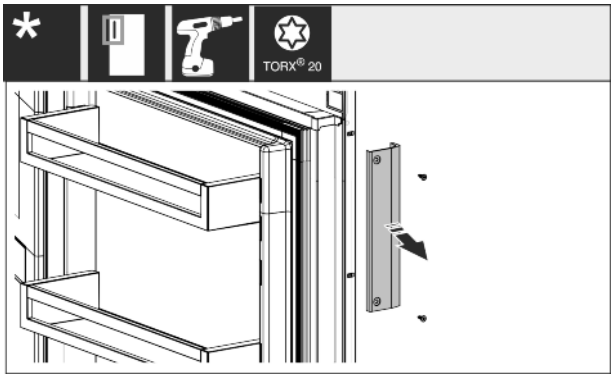


Fig. 6

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

*** Depending on model and options**

Reversing the door

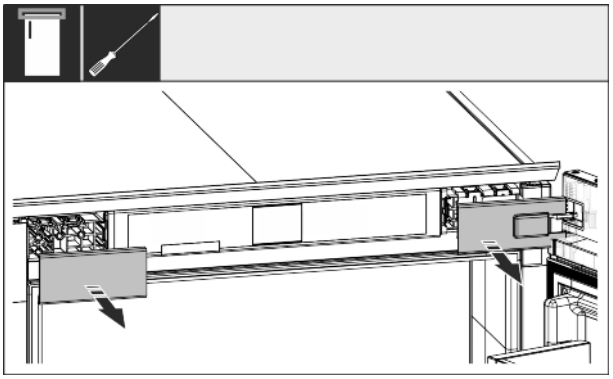


Fig. 7

▶ Remove covers.

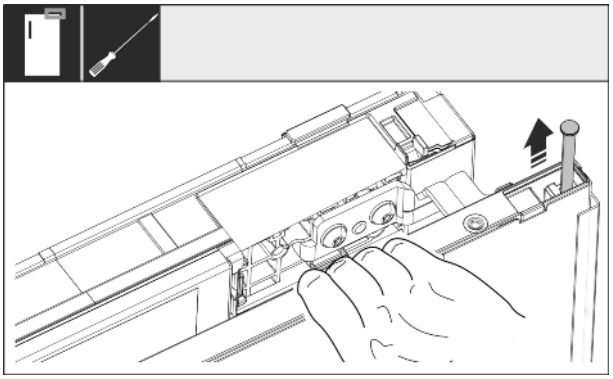


Fig. 8

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

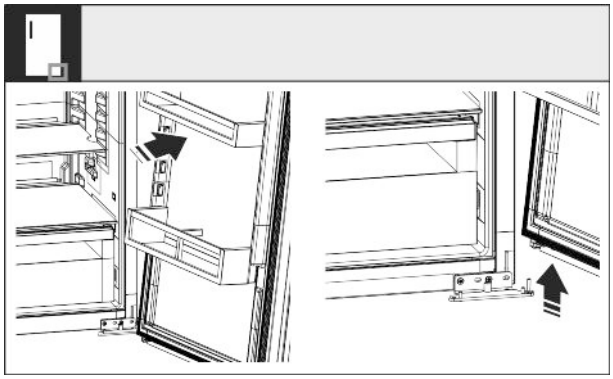


Fig. 9

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

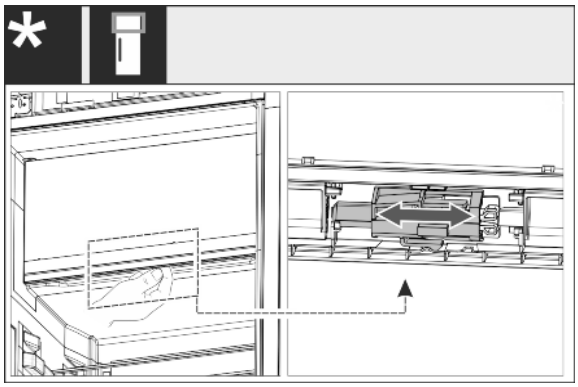


Fig. 10

▶ 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.

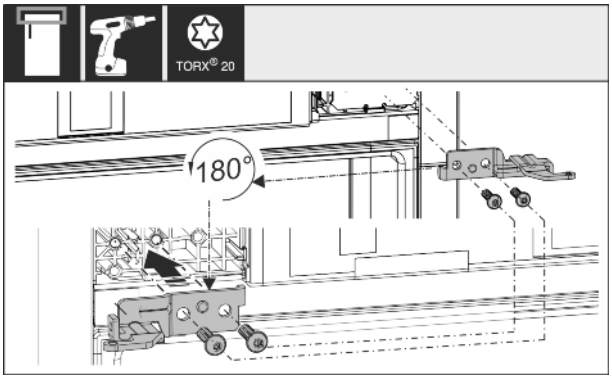


Fig. 11

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

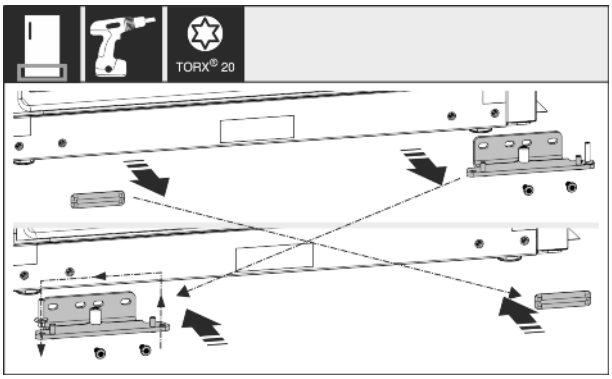


Fig. 12

▶ 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.

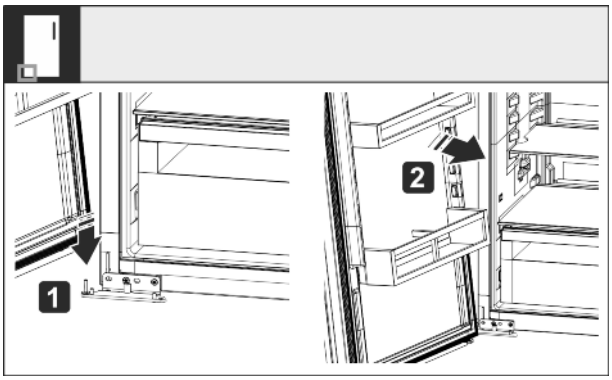


Fig. 13

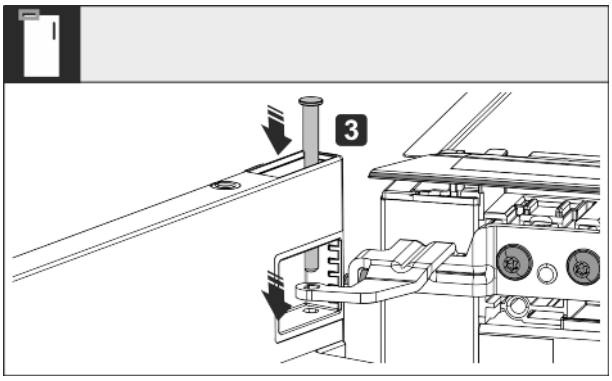


Fig. 13

▶ 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.

*** Depending on model and options**

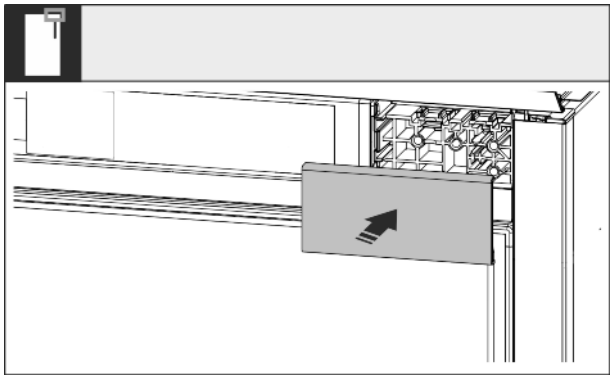


Fig. 14

▶ Place the cover on the handle side.

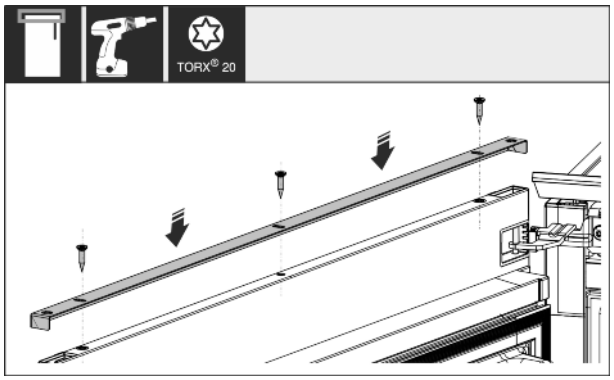


Fig. 15

▶ Screw on the bar.

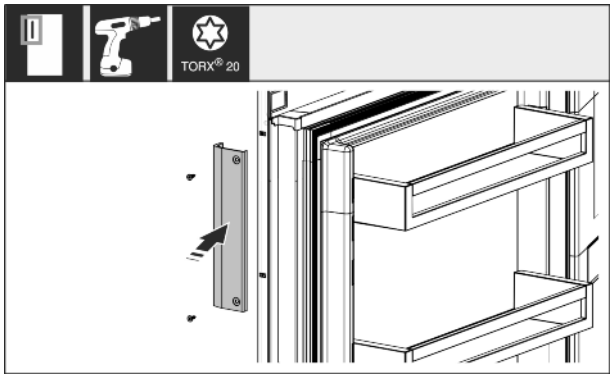


Fig. 16

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

▶ Check the screws.

11 Installing the appliance in the recess

Tools and materials



Fig. 17

Supplied assembly parts

Installing the appliance in the recess

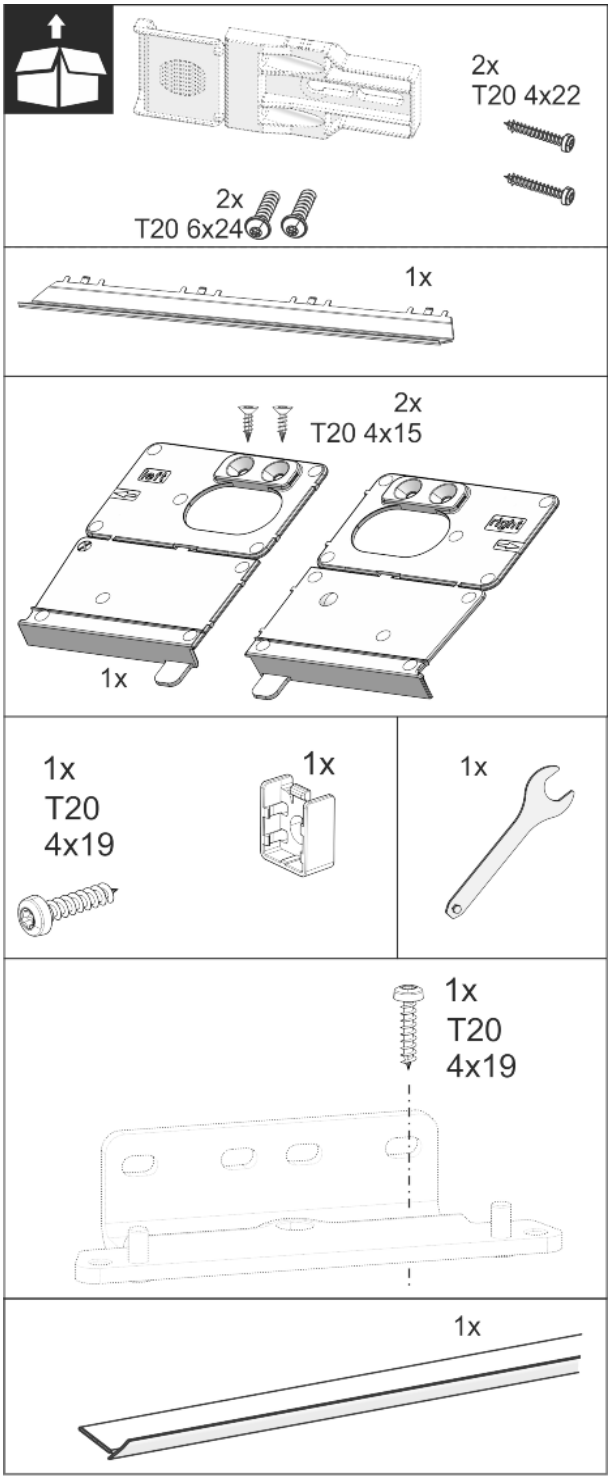


Fig. 18

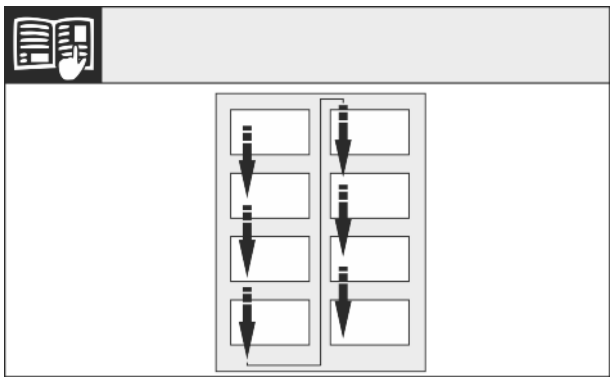


Fig. 19

▶ Follow the steps in order.

NOTICE

Correct installation depth of the appliance.

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

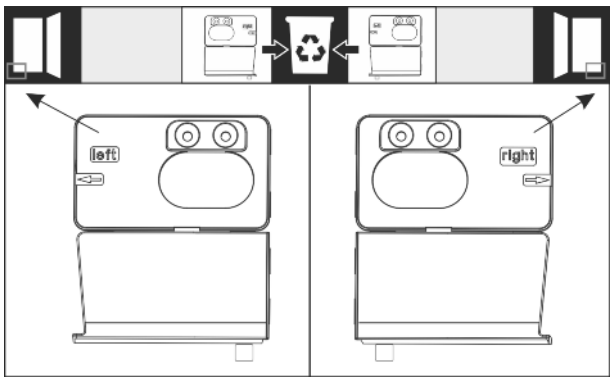


Fig. 20

▶ 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.

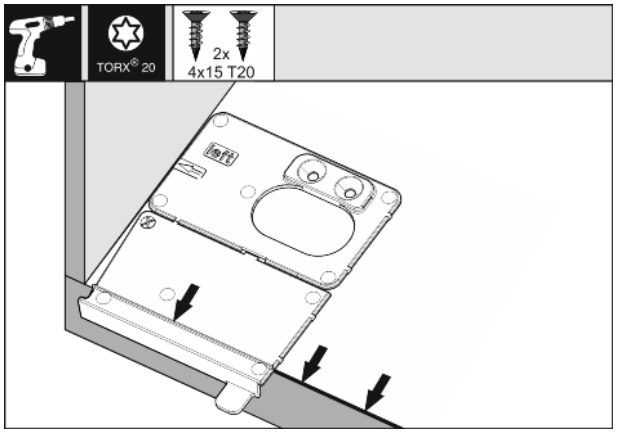


Fig. 21

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

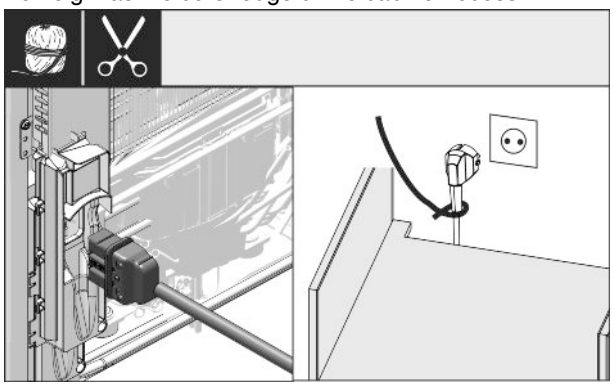


Fig. 22

▶ 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.

*** Depending on model and options**

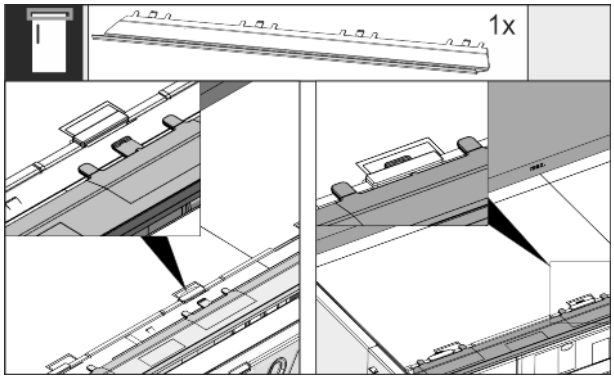


Fig. 23

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

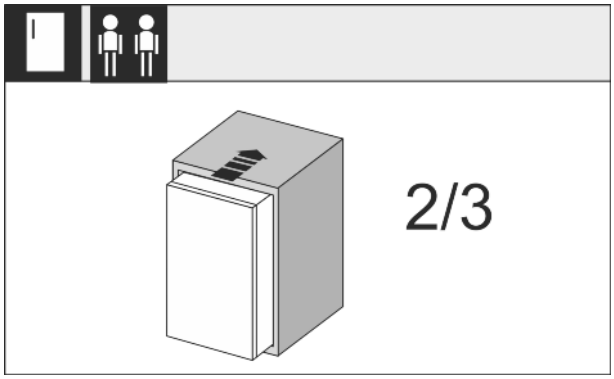


Fig. 24

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

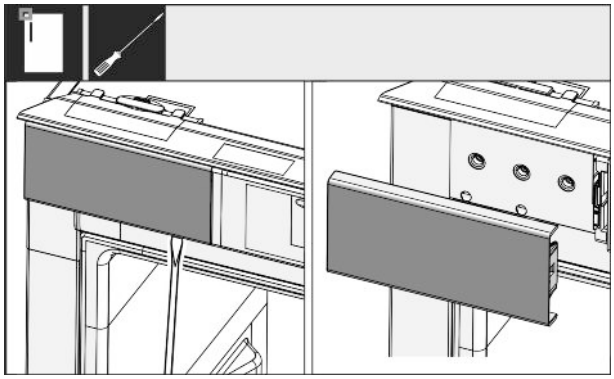


Fig. 25

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

▶ If already mounted, remove the other covers.

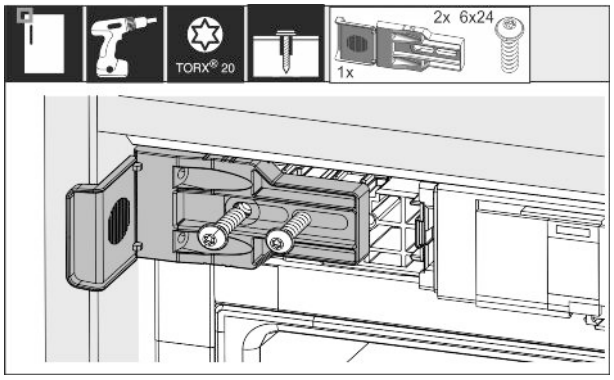


Fig. 26

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

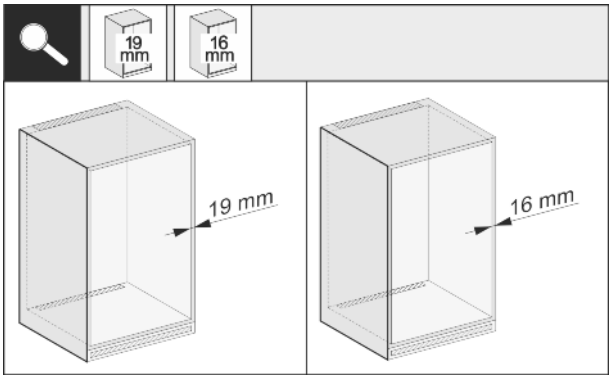


Fig. 27

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

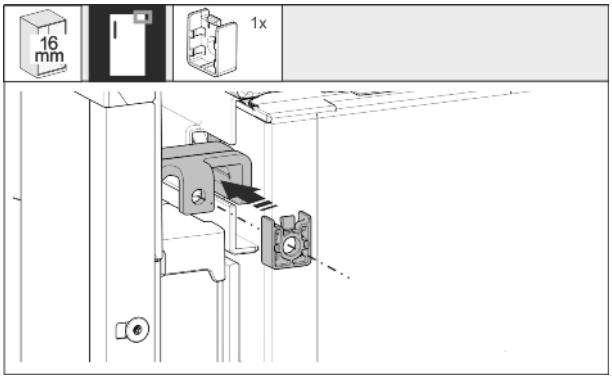


Fig. 28

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

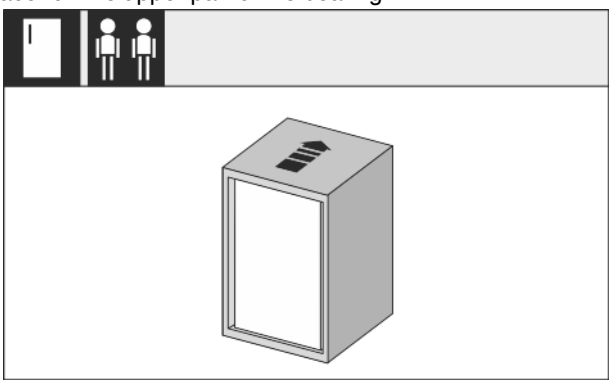


Fig. 29

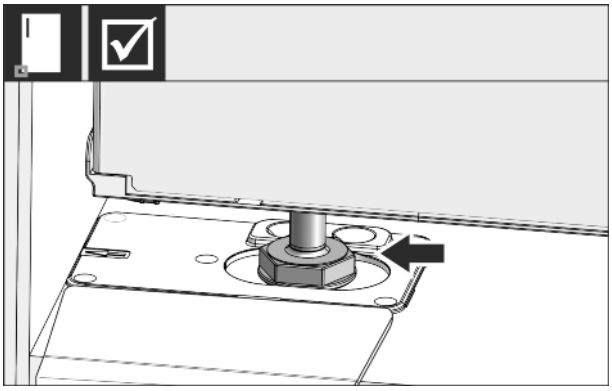


Fig. 30

▶ Insert the appliance all the way into the recess. The adjustable foot must sit in the recess of the stop bracket.

Installing the appliance in the recess

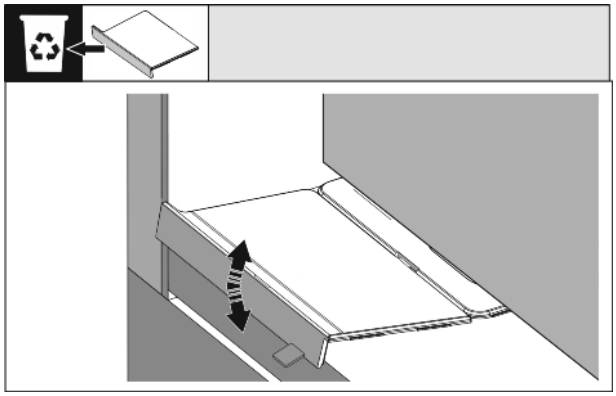


Fig. 31

▶ 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.

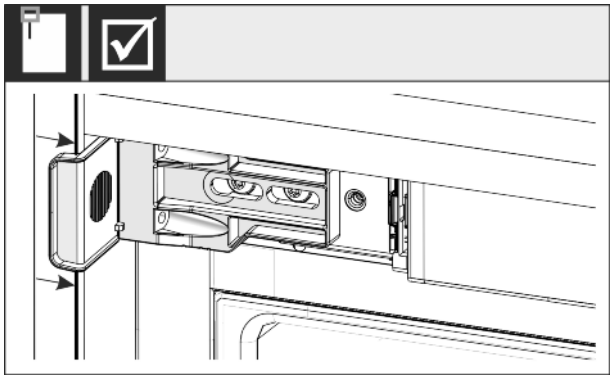


Fig. 32

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

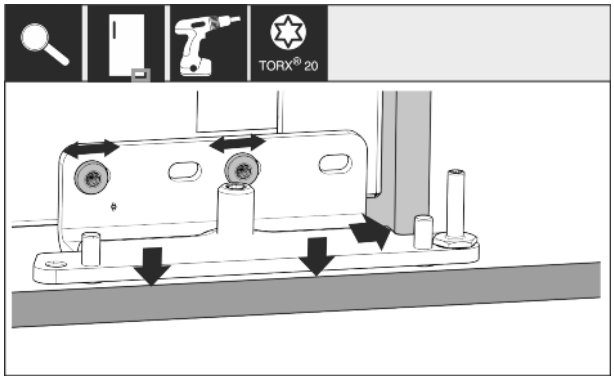


Fig. 33

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

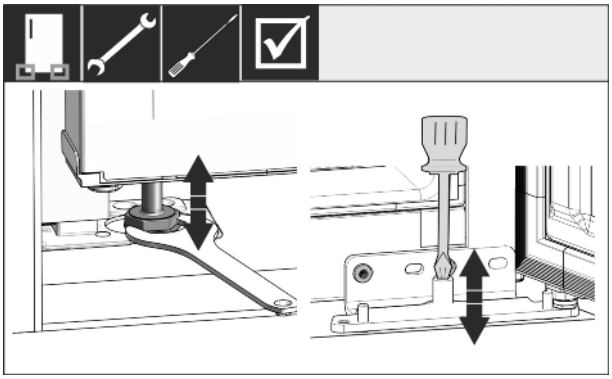


Fig. 34

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

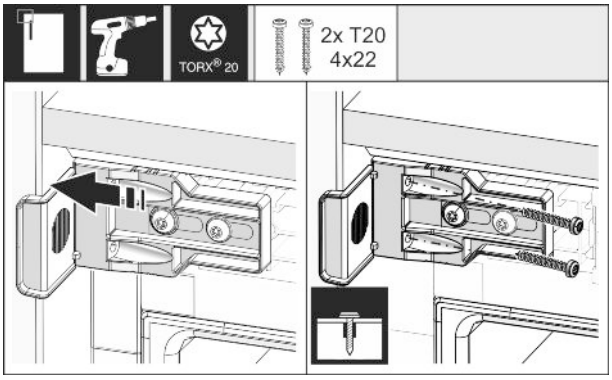


Fig. 35

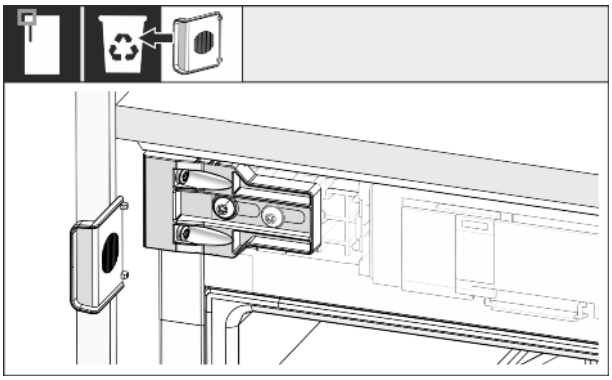


Fig. 35

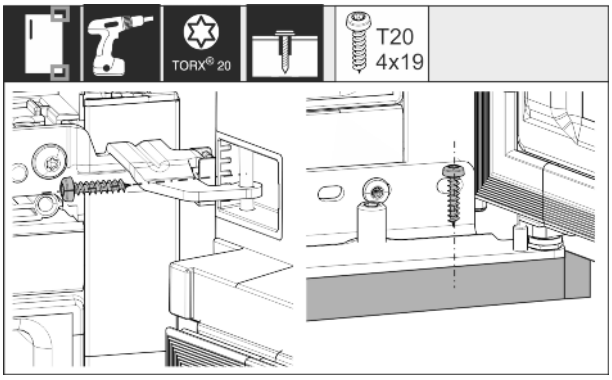


Fig. 35

▶ Tightly screw the appliance to the cabinet recess.

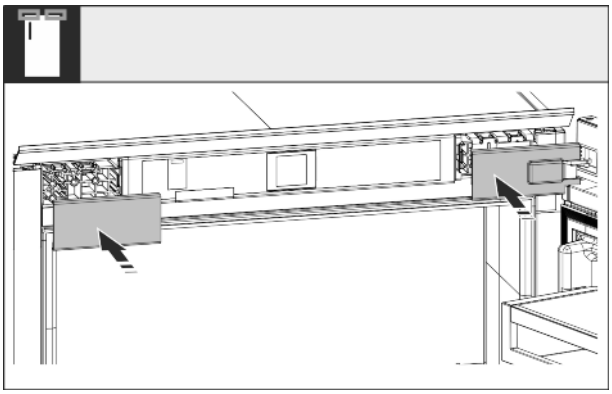


Fig. 36

▶ Place all covers and check all fittings.

*** Depending on model and options**

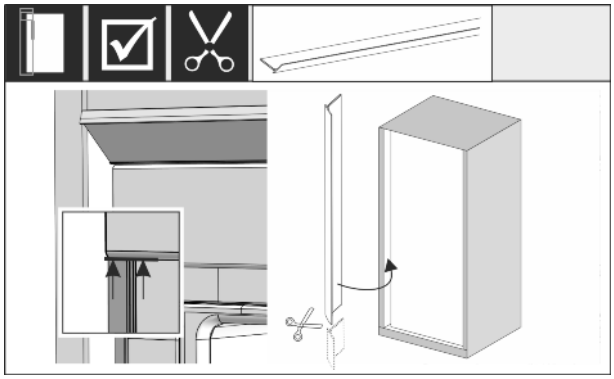


Fig. 37

▶ 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.

12 Mounting the décor panel

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

	Décor panel dimensions (mm)			**Max. décor panel weight** (kg)
Recess height	Height	Width	Maximum thick-ness	
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. 38 (2)* as shown to a max. thickness of 4 mm.

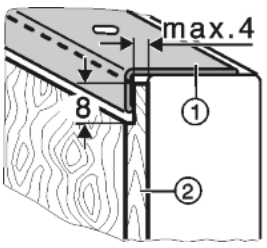


Fig. 38

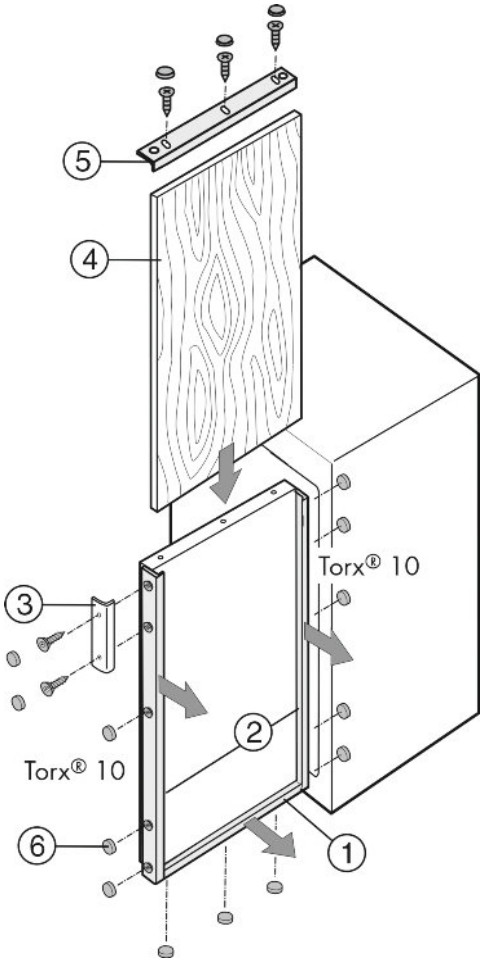


Fig. 39

▶ 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.

13 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. 40 (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] h	Brown	White	Aluminium coloured
16	9733032	9733035	9733050
41	9733033	9733036	9733051
60	9733034	9733037	9733052

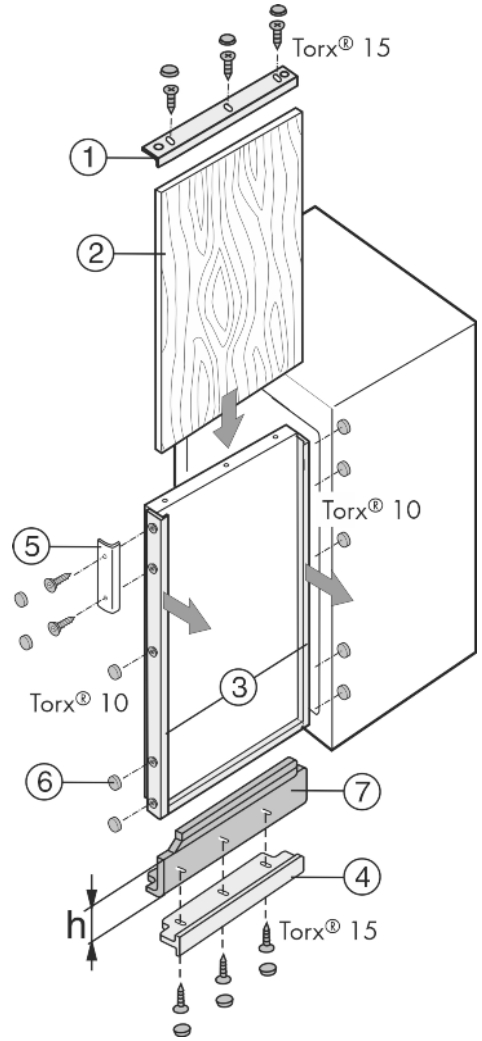


Fig. 40

- ▶ 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.

14 Connecting the appliance

WARNING
Failure to connect properly
Fire hazard.
- ▶ Do not use an extension cable.
- ▶ Do not use distributor blocks.

NOTICE
Failure to connect properly
Damage to the electronics.
- ▶ Do not use a standalone inverter.
- ▶ Do not use an energy saving plug.

Note
Only use the power connection lead supplied.
- ▶ A longer power connection lead can be ordered from Customer Service.

Ensure that the following conditions are met:
- The type of current and voltage at the installation site complies with the information on the type plate .
- The socket is earthed according to the regulations and fused.
- The fuse tripping current is between 10 and 16 A.
- The socket is easily accessible.
- The socket is outside the back of the appliance area in the specified area *(a, b, c)*.

- ▶ Check the electrical connection.
- ▶ Insert the appliance plug *(G)* into the back of the appliance. Ensure that it clicks into place.
- ▶ Connect the power plug to the power supply.
- ▷ The Liebherr logo appears on the screen.
- ▷ The display switches to the standby symbol.



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EN decor fridges and freezers
ORIGINAL OPERATOR'S MANUAL

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