NSR

Refrigerator

Instruction Manual

Model: TRF-39BINFVHAAAFIX

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Thank you for purchasing this product.
Before using your refrigerator, please carefully read this instruction manual in order to maximize its performance. Store all documentation for subsequent use or for other owners. This product is intended solely for household use or similar applications such as:
The kitchen area for personnel in shops, offices and other working environments
On farms, by clients of hotels, motels and other environments of a residential type
At bed and breakfasts(B&B)
For catering services and similar applications not for retail sale.
This appliance must be used only for purposes of storage of food, any other use is considered dangerous and the manufacturer will not be responsible for any omissions. Also, it is recommended that you take note of the warranty conditions.

SAFETY INFORMATION



Warning; Risk of fire / flammable materials

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
Children should be supervised to ensure that they do not play with the appliance.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
WARNING: Do not damage the refrigerant circuit.
WARNING: Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
WARNING: When positioning the appliance, ensure the supply cord is not trapped or damaged.
WARNING: Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

This appliance is intended to be used in household and similar applications such as
– staff kitchen areas in shops, offices and other working environments;
– farm houses and by clients in hotels, motels and other residential type environments;
– bed and breakfast type environments;
– catering and similar non-retail applications.

Please according to local regulations regarding disposal of the appliance for its flammable refrigerant and blowing gas.

If the LED lamp is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard

WARNING: To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions

SCRAPPING OLD APPLIANCES





This appliance is marked according to the European directi e 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE).
WEEE contains both polluting substances (which can cause negati e consequences for the environment) and basic components (which can be re-used). It is important to have WEEE subjected to specific treatments, in order to remove and dispose properly all pollutants, and recover and recycle all materials.
Individuals can play an important role in ensuring that WEEE does not become an environmental issue; it is essential to follow some basic rules:

- WEEE should not be treated as household waste;

- WEEE should be handed over to the relevant collection points managed by the municipality or by registered companies. In many countries, for large WEEE, home collection could be present.

In many countries, when you buy a new appliance, the old one may be returned to the retailer who has to collect it free of charge on a one-to-one basis, as long as the equipment is of equivalent type and has the same functions as the supplied equipment.

Conformity

By placing the CE mark on this product, we are confirming compliance to all relevant European safety, health and environmental requirements which are applicable in legislation for this product.

Energy Saving

For beter energy saving we suggest :

- Installing the appliance away from heat sources and not exposed to direct sunlight and in a well ventil ted room.
- Avoid putting hot food into the refrigerator to avoid increasing the internal temperature and therefore causing continuos functionaliting of the compressor.
- Do not excessively stuff foods so as to ensure proper air circulation.
- Defrost the appliance in case there is ice to facilitate the transfer of cold.
- In case of absence of electrical energy, it is advisable to keep the refrigerator door closed.
- Open or keep the doors of the appliance open as little as possible
- Avoid adjusting the setting to temperatures too cold.
- Remove dust present on the rear of the appliance

Before first use

You must allow the fridge to settle for at least four hours prior to switching the power on.

It is recommended that you clean the interior of the appliance prior to first use, using a solution of bicarbonate of soda and warm water and then thoroughly drying the interior. The fridge may have an odor to it at first use. This will disappear as the appliance cools.

Please note:

The appliance will start 5℃ for fridge and -18℃ for freezer and work continuously until it comes down to the correct temperature. If the appliance is switched off, you should allow five minutes before switching it on again to prevent unnecessary damage to the compressor. Never store inflammable or explosive items and strong corrosive acids or alkalis in the appliance. This fridge cools your food by making the inside back of the cavity cold. It is normal for frost to build up on this surface; it then dissipates and drains through a small drain at the botom, where it evaporates harmlessly. The presence of frosting at the back is not a malfunction of the fridge.

Fridge use

- Never put liquids in the refrigerator uncovered.
- Never put hot foods in the refrigerator. Warm food should be allowed to cool to room temperature before being put into the refrigerator.
- Nothing should rest against the rear wall of the refrigerator, as this will cause frost and possible condensation problems which will be difficult to remove.
- Make sure food is clean and any extra water is wiped away before putting into the fridge.
- Wrap or cover food before putting into the fridge. This will help prevent the loss of moisture, keep food fresh and avoid unpleasant odors.
- Sort foods prior to storing. Any foods to be used soon should be stored at the front of the shelf to prevent deterioration caused by the door being open for prolonged periods.
- Do not overfill the fridge. There should be sufficient space between the foods to allow the cool air to circulate.
- Thawing frozen foods in the fridge compartment will help to keep the temperature low and save energy.
- Never store raw meats on shelves above cooked meats or other produce. This will help to prevent juices from raw meat contaminating other foodstuffs.

Chiller Zone drawer

- The temperature inside the My Zone drawer can be regulated from +3°C to – 3°C. This is the ideal drawer to store meat and fish. .

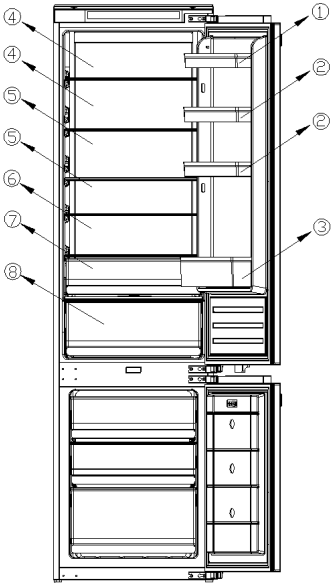
Freezer use

- The freezer compartments are designed to store only frozen food.
- Never put hot or warm foods in the freezer, allow them to cool fully before putting them into the freezer.
- Follow the instructions on the food packaging for storage of frozen food. If no information is provided, foods should not be stored for more than three months afer the purchase date.
- Store food in small packages (ideally less than1kg).This reduces the freezing time and improves the quality of the food afer thawing.
- Wrap food before putting into the freezer. To stop the wrapping sticking together, ensure it is dry.
- Label the food before freezing with information including type of food and dates of storage and expiry.
- Once food is thawed, it must not be refrozen. Only defrost as much food as is required to prevent wastage.
- Bottled or canned drinks should not be stored in the freezer compartments as they could explode.
- Do not atempt to freeze more than the maximum amount.

Storage

The fridge section is for short term food storage. Although low temperatures can be maintained, extended periods of food storage is not recommended.
As the cold air circulates within the fridge, the temperature can vary between the different sections. As such, foods should be stored in different sections according to type.

1. Buter, cheeses etc.
2. Food in jars and bottles
3. Drinks, e.g. milk
4. Cooked food
5. Yogurts, preserves etc.
6. 75cl bottles or ready meals etc.
7. Fruit and vegetables
8. Fresh meat and fish/fruit and vegetables



The fridge shelves can be moved according to the storage requirements within the fridge section. To move the shelf, lift up the rear section and then pull it outwards.

To replace, slide the shelf back into the slot, and then lower the rear section.
The most energy-saving configuraationrequires drawers, food box and shelves to be positioned in the product, please refer to the above pictures.

Control panel



1. First time of switching on the appliance, this appliance always works at settings: 5°C for fridge, 0°C for My Zone and -18°C for freezer. If you want to adjust the temperature or functions manually, press the buton to conduct the operations. Temperature ranges of adapt zone from -3℃ to 3℃.

2. Fridge temperature adjustment –press buton on left part of control panel to achieve different temperatures from 2°C to 8°C.

3. Freezer temperature adjustment –press buton on right part of control panel to achieve different temperatures from -15°C to-25°C.

4. Chiller Zone drawer adjustment function: this buton controls temperature. By pressing on this buton, the digit will go from -3° to +3°. This function can be on/off by continuously pressing for three seconds (shows OFF).

5. Fast cooling function –Press buton , light of buton illumines and fast cooling function is turned on, fridge starts to work automati ally at temperature setting 2°C and quits afer 24 hours, light of symbol eliminates.

6. Holiday function–Press buton , light of buton illumines, holiday function is turned on and whole appliance starts to work automati ally at settings: fridge at 17°C and freezer at -18°C.

7. Eco function – Press buton on control panel, eco function is turned on and buton illuminates, fridge compartment works at setting 5°C and freezer compartment works at setting of -18°C.The adapt zone works at setting of 3°C.

8. Fast freezing function – Press buton , light of buton illumines and freezer start to work at fast freezing function, temperature setting -25°C. Afer 24 hours, fast freezing function quits automati ally.

9. Press buton for 3 seconds to switch off your appliance and the buton illumines, power is cut off. Internal lamps eliminate, compressor stops working. Press the buton for 3 seconds to

switch on your appliance, the symbol illumined and power is connected again.

10. On the no frost models, there is a function: compulsive defrosting. Press the butons  +  for 5 seconds to switch on the compulsive defrosting function to clean the freezer evaporator and digitals of freezer temperature shine. Press the buton  +  3 seconds to switch off the compulsive defrosting function , and the digitals of freezer temperature eliminate.

10 Fault display

This appliance has 'fault display & alarm' function. Once the sensors got fault, there are alarms displayed on the temperature displaying, the appliance still cools but professional service engineer should be called and check the appliance.

F2 – Sensor of adapt zone

F3 – Sensor of fridge apartment

F4 – Sensor of freezer compartment

F5 – Sensor of defrosting

2E – Fault of fan/motor in freezer

CE– Communication fault between main panel and display panel.

The above Errors only show on display, no voice

Over temperature alarm in freezer: afer freezer temperature arrives at the set temperature, afer that, if the temperature rises to ＞-1 ° C, the alarm will start, accompany with flash of freezer temperature digit. Press any buton to cancel the voice alarm. The flash will remain until the temperature is ＜-1 ° C.

PS: Main board locates in compressor compartment

POSITION	CONDITIONS
5°C/-18°C	Summer or ambient temperature between 25°C - 35°C
5°C/-18°C	Spring or ambient temperature between 15°C - 25°C
5°C/-18°C	Winter or ambient temperature between 5°C - 15°C
Super freezing function	Quick freeze
Super cooling function	Super cooling

LED light replacement instructions

Note: the LED lighti s sett o be non replaceable by the user and needs to be replaced by professionals.

Ligh?ng parameters: 12V

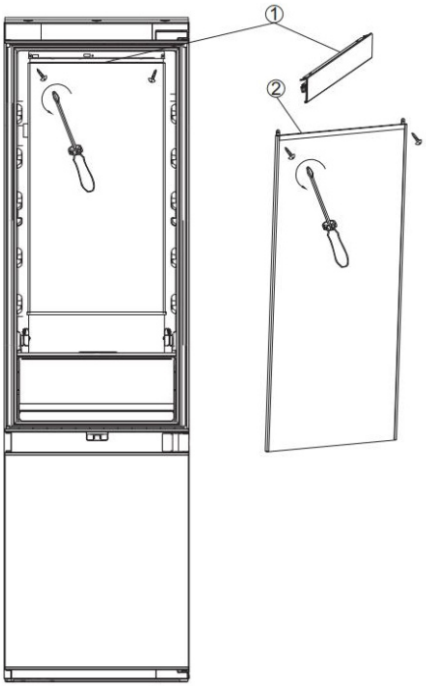
1. Unplug the power plug.

2. Remove the aluminum alloy trim strip on the top oft he LED surface light source, and then remove the le? and right fixing screws.

Steps ① and ② are shown below.

3. Replace the spare LED light board.

4. Replace the aluminum alloy trim strip in turn.



Care and Cleaning

Always disconnect the appliance from the power supply before any cleaning or maintenance.
The fridge and freezer sections should be cleaned using a solution of bicarbonate of soda and lukewarm water. Do not use abrasive products or detergents. Afer washing, rinse and dry thoroughly.

Clean the shelves and balconies separately by hand with a mild solution of washing up liquid and water. Do not put them in the dishwasher.

If the appliance is not to be used for prolonged periods of time, unplug and clean the appliance. The doors should be left slightly ajar to prevent the formation of mildew and unpleasant odors.

Defrosting

The product has a no frost system which is designed to prevent the heavy build up of ice. Under normal use, there should be no need to regularly defrost the freezer system.

Please note: If you are regularly finding a heavy build up of ice, or pools of water, in the freezer section then it is likely that the door is not sealing properly. This could be due to a defecti e door seal or an incorrectly fi ed, or overly heavy, decor door. For more information see the troubleshooting section about ice.

Troubleshooting

If you have any problems with your appliance, you should check the troubleshooting prior to calling Customer Care.

If the appliance is not working, check:

That there is power to the appliance.

The house fuses are intact and the fuse in the plug has not blown.

The fridge has not been turned off.

The plug socket is functioning fine. To check this, plug another electrical appliance in to see if the socket is faulty.

If the appliance is working, but not very well, check:

The appliance is not overloaded.

The thermostat is set to an appropriate temperature.

The doors are closing properly.

The cooling system at the rear of the appliance is clean and free of dust, and not touching the rear wall.

There is enough ventil ationat the side and rear walls.

If the appliance is noisy, check:

The appliance is level and stable.

The side and rear walls are clear, and there is nothing resting on the appliance.

Note: The cooling gas in the refrigerator may make a slight bubbling or gurgling noise, even when the compressor is not running.

If the appliance is beeping, check:

That the doors are closed. An alarm will sound afer 60 seconds of a door being open.

If ice has formed on the back wall of the fridge:

It is normal for some ice droplets to form on the back wall of the fridge. This does not constitue a fault with the appliance.

Ensure that no items inside the fridge are in contact with the back wall.

Check that there is some resistance when opening the door of the appliance. If it opens at the slightest touch it may mean that the door seal needs to be replaced.

Check the door seal for any kinks, debris or damage. If you notice any, and are unable to resolve the issue yourself, contact Customer Care so that the seal can be replaced.

This can be due to the decor door(s) not being properly fi ed. If you are at all unsure, ask your fi er to check the décor doors.

If excessive ice has formed in the freezer:

Check that there is some resistance when opening the door of the appliance. If it opens at the slightest touch it may mean that the door seal needs to be replaced.

Check the door seal for any kinks, debris or damage. If you notice any, and are unable to resolve the issue yourself, contact Customer Care so that the seal can be replaced.

This can be due to the decor door(s) not being properly fi ed. If you are at all unsure, ask your fi er to check the decor doors.

If one or more of the LED units within the appliance is not working:

Contact Customer Care to arrange a service visit.

Installation preparation

This appliance must never be installed close to heat sources, e.g. heating elements or cookers, nor in damp places.

Seek the help of another individual, or two, when installing this appliance. This appliance may have sharp edges. Wear adequate PPE for the task and environment.

To ensure the appliance is level, you should use the height adjustable feet at the front of the appliance.

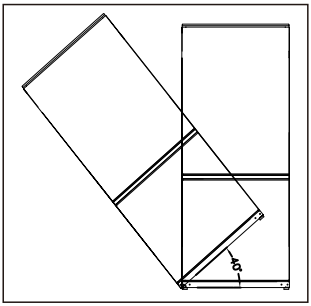
The cooling system at the rear of the appliance must not touch the rear wall. The greater the gap, the beter.

The appliance must be installed with adequate ventil ation. Ensure that there is clearance above the appliance to allow air to escape and that there is space between the rear of the appliance and the wall.

Ventilation

The main consideration when installing any refrigeration unit into a fi ed kitchen is ventil ation.The heat removed from the cooling compartment needs to be dissipated into the atmosphere. Incorrect ventil ationcan lead to premature compressor failure, excessive power consumption, total system failure and may invalidate the warranty provided with the appliance. For products intended to be installed into a tall housing unit, the following requirements need to be met:

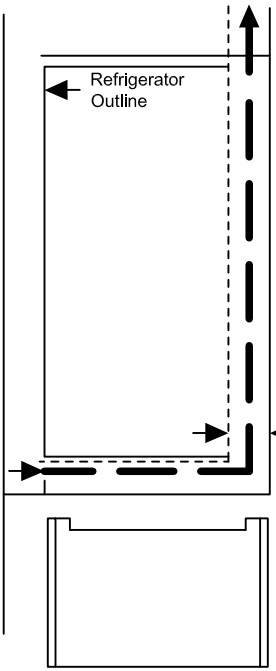
Do not tilt beyond 40°



An air intake should be provided somewhere in the cabinet run to allow free air in. in this example,a plinthvent is shown underneath the refrigerator.

A cutout should be made in the plinth below the fridge/freezer and this finished neatly using the air vent grille.

Alternatively, a thin section of the plinth can be removed to allow air into the unit (recommended 500mm x 40mm



Top view of rear vent

The top of the cabinet needs to be vented into the room.

Recommended size of ventopening: 500 x 40mm.

If the furniture does not allow free air into the room then a plinth vent, or other means of ventilation needs to be pro-vided to ensure a natural flow of air.

There should be space at the rear of the cabinet to allow cool air to be drawn over the condenser.

Recommended: 500 x 40mm

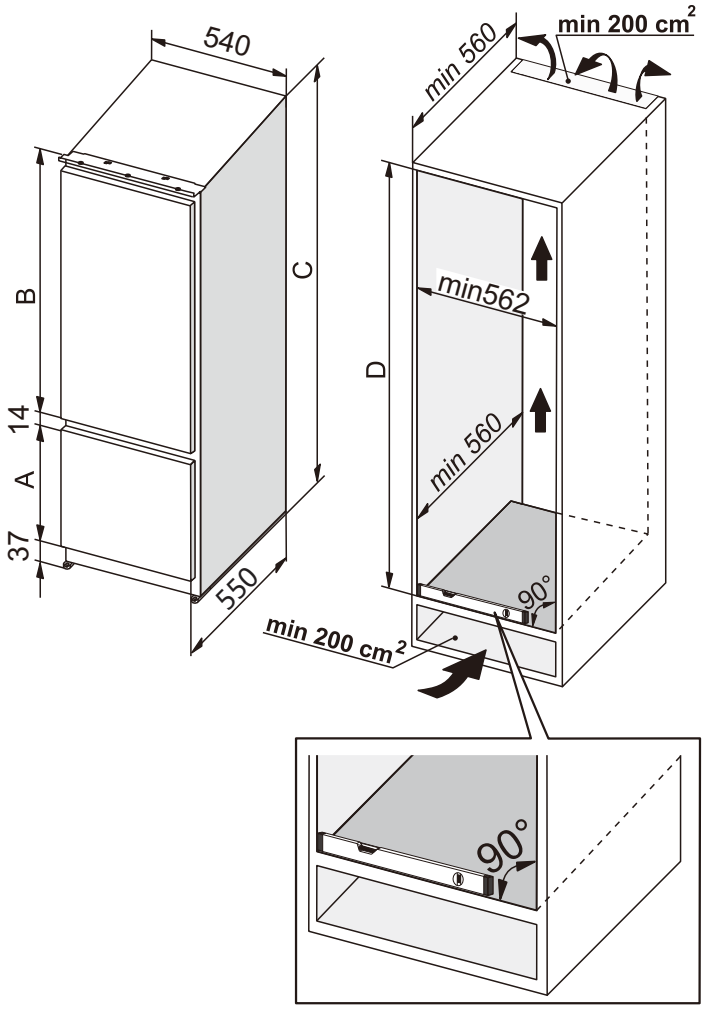
The open channel at the rear is clearly shown. For the correct operation of the appliance it is important that the top of the housing unit is not blocked off. A channel depth of 40-50mm is normal with most units. A ventil ationhole is required in the plinth of the unit; this allows air to be drawn over the compressor & heat exchange.

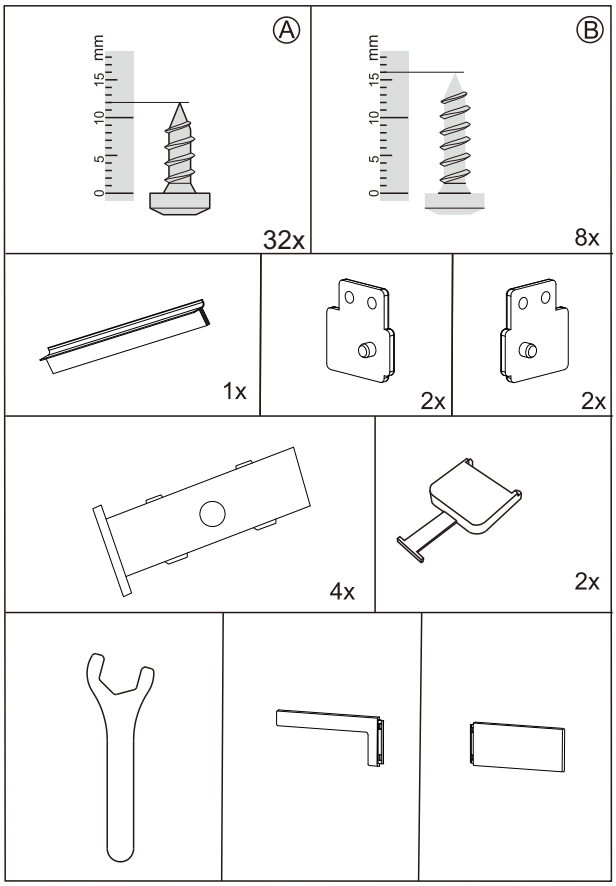
As a rule, the more air that can get in and out, the beter and more efficient the operation of the produc

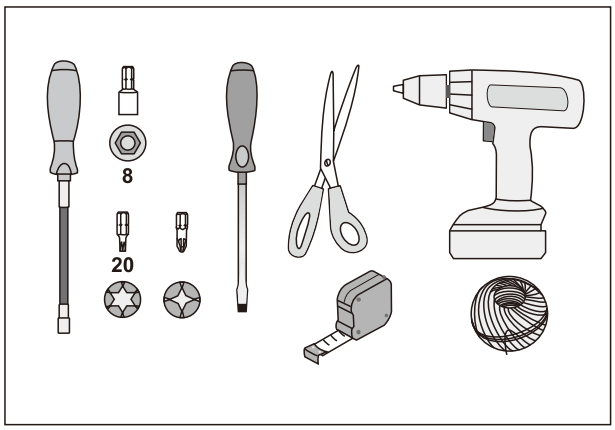
Ensuring the door seals correctly:

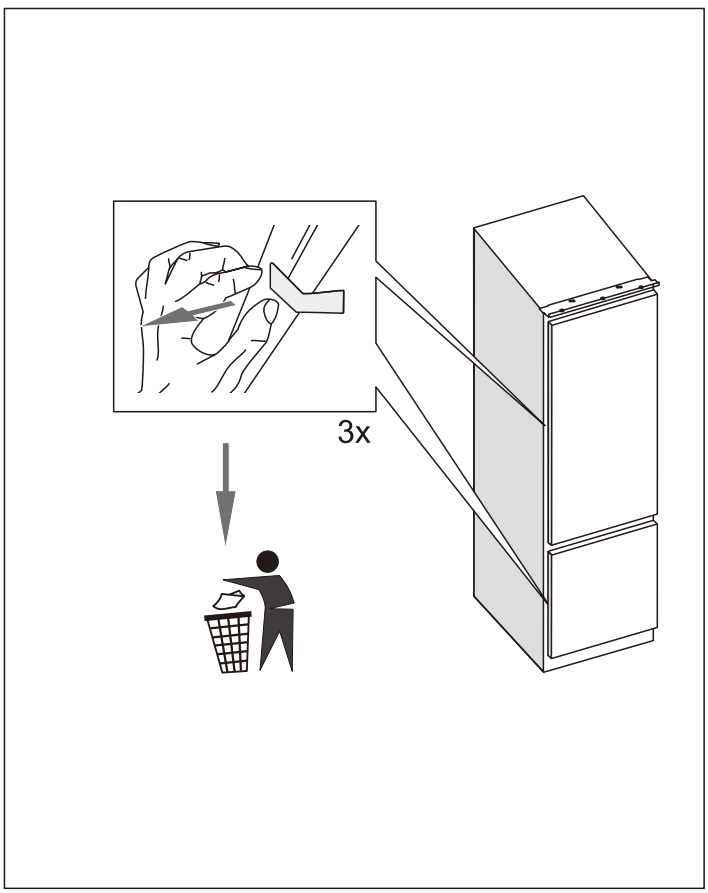
It is normal for the seal to be compressed afer the door has been reversed. With the door closed, use a hair dryer to expand the seal and fill the gap between the door and the body of the appliance. Take care not to use the hair dryer too close to the appliance, which could damage the seal. A distance of approximately 10cm should be adequate. When completed, allow the seal and door to cool before touching them. Once done, the seal should remain in position.

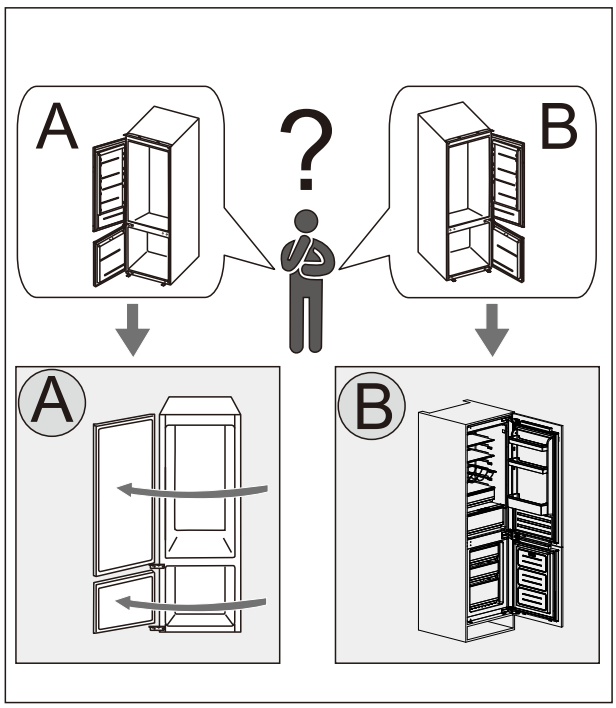
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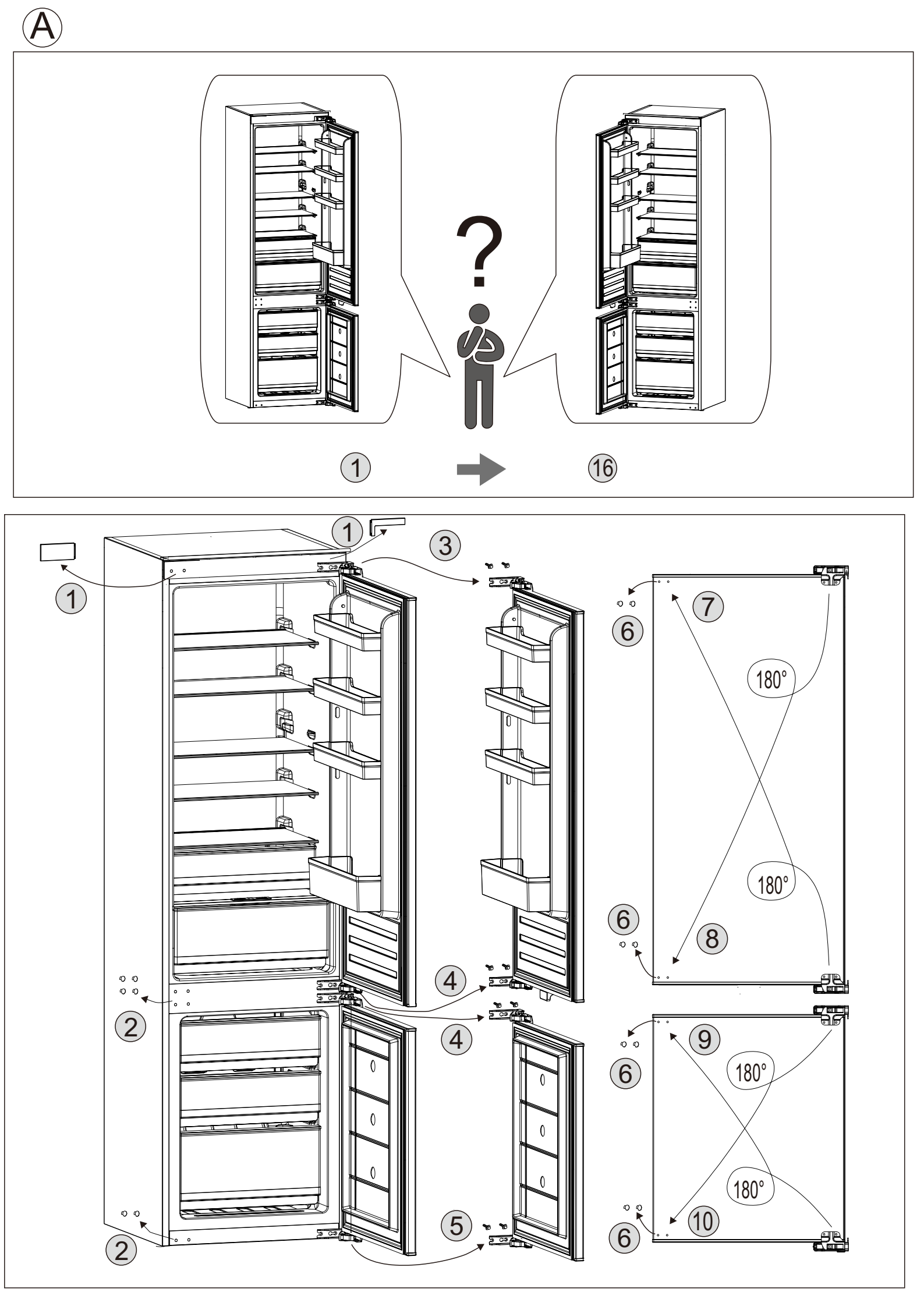


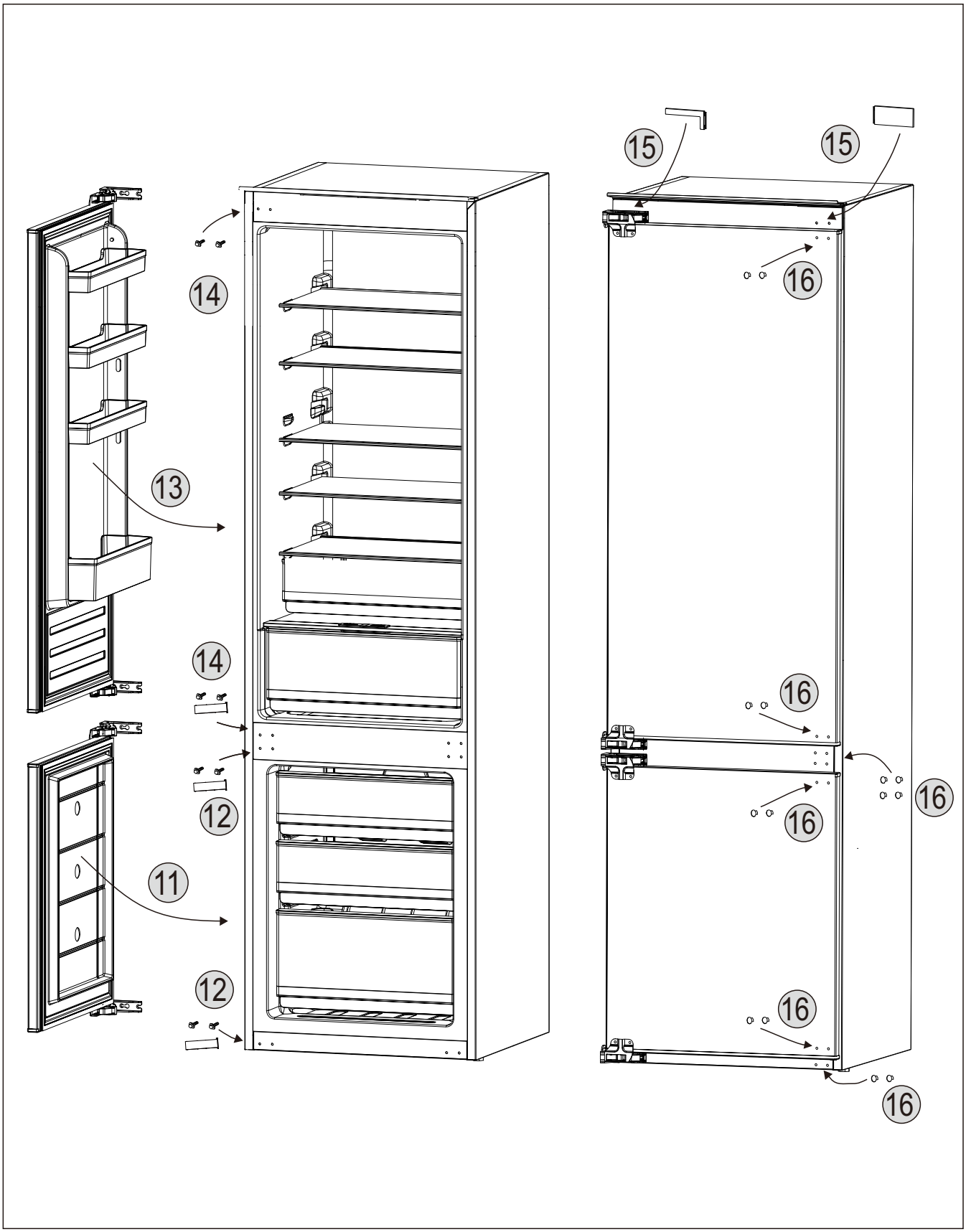


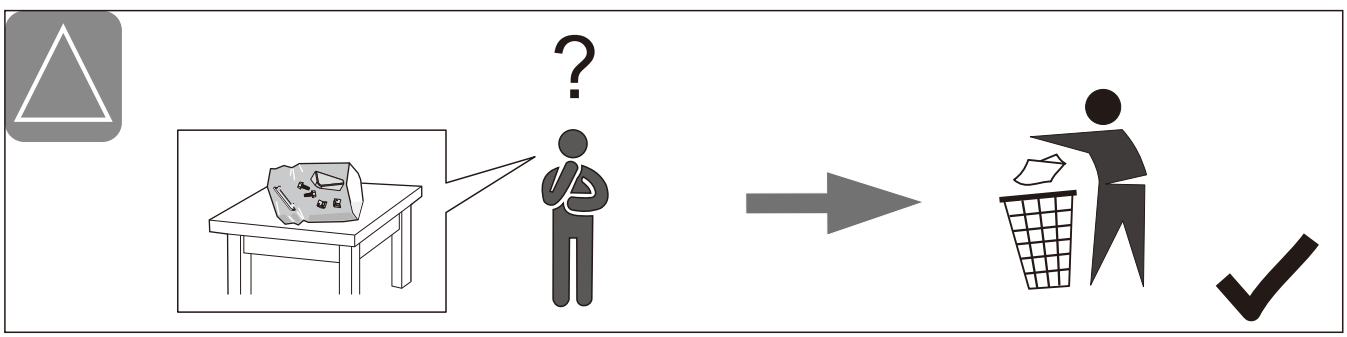






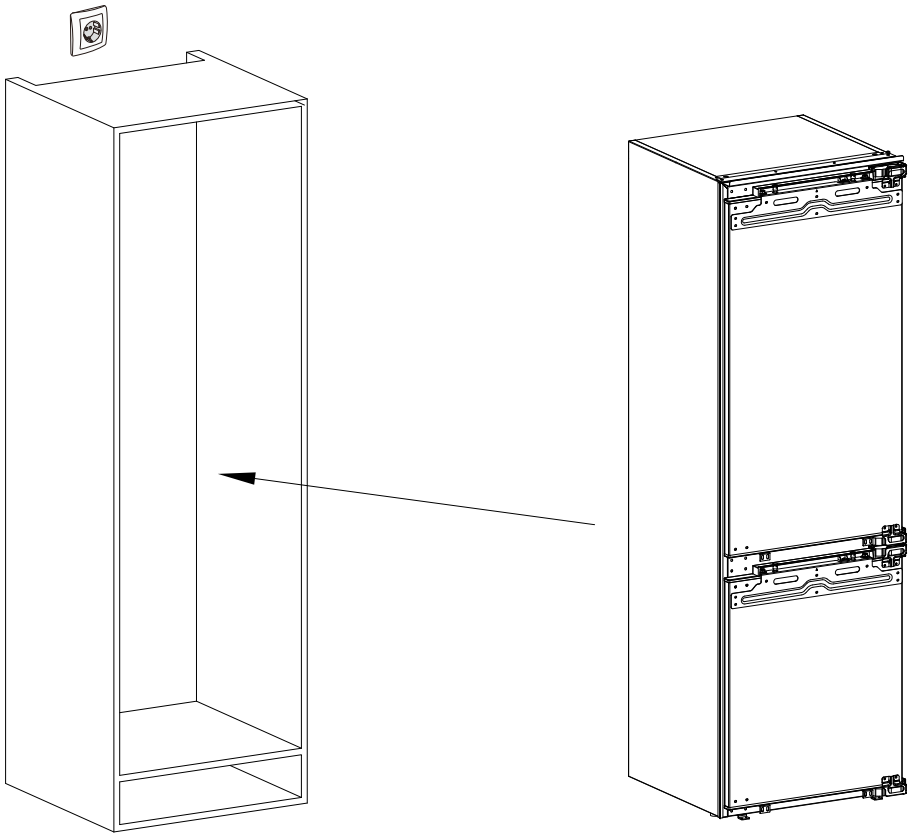

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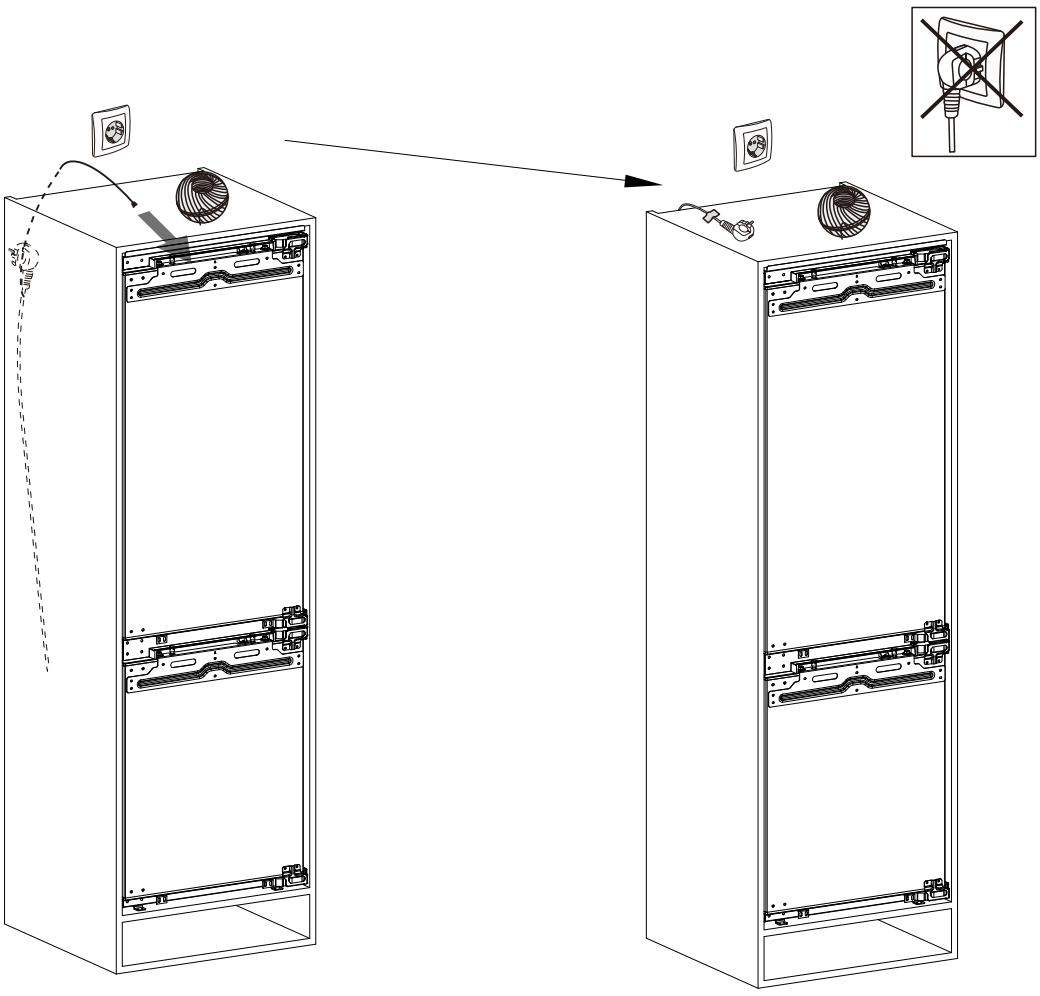

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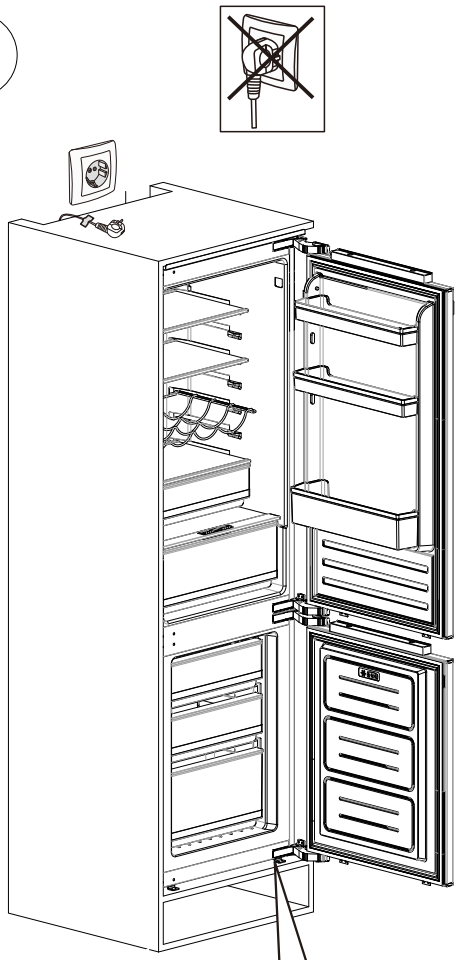
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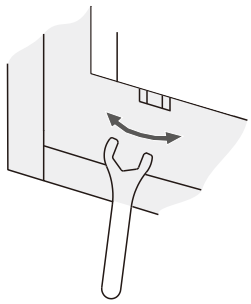


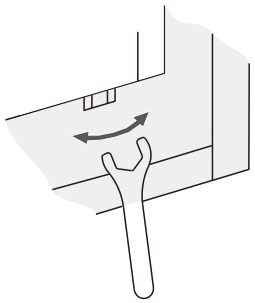
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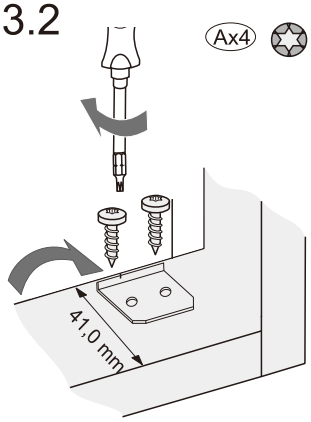
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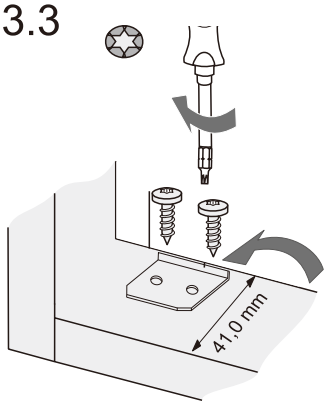


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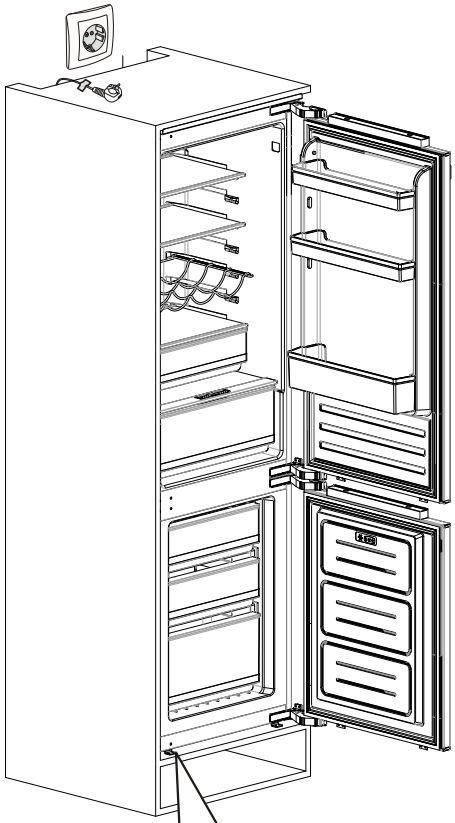
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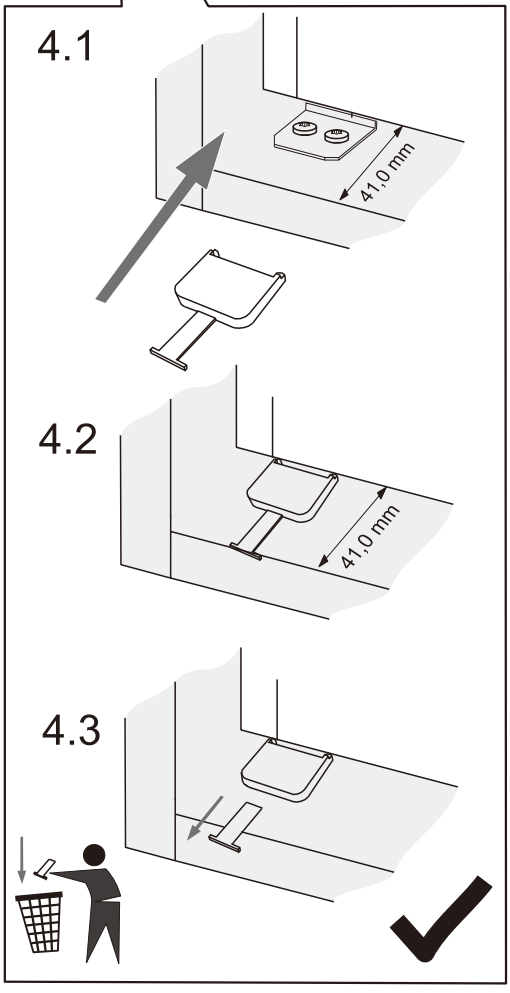
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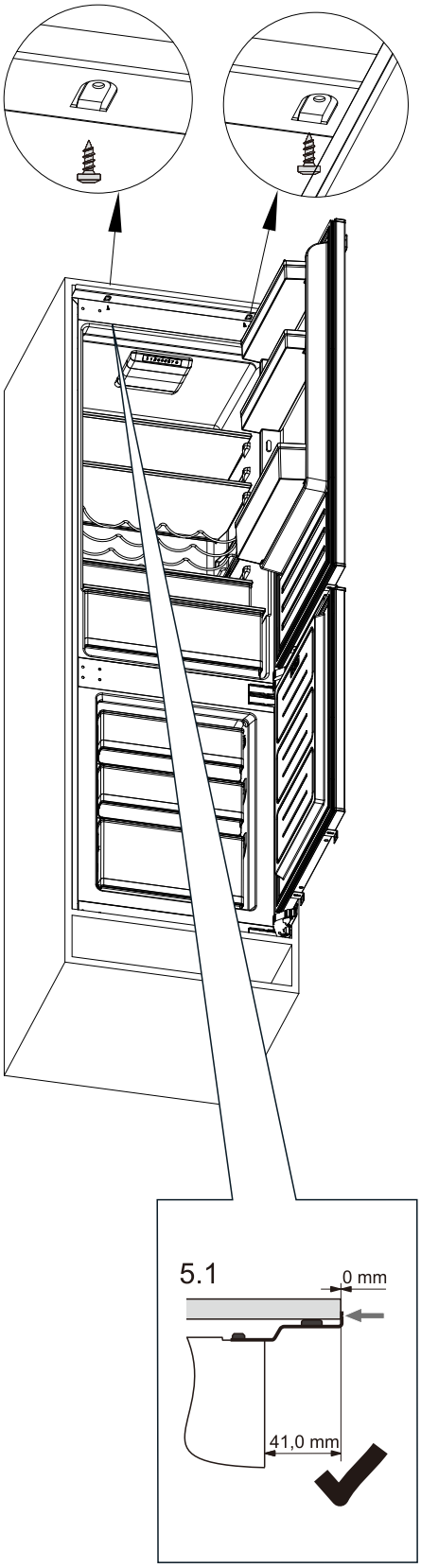


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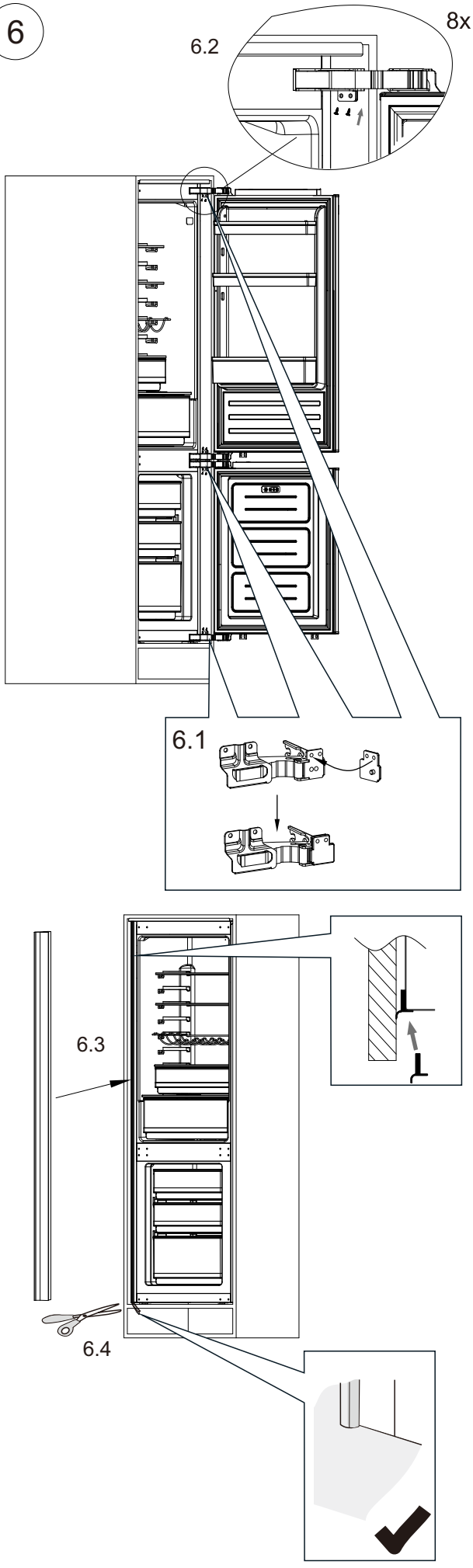
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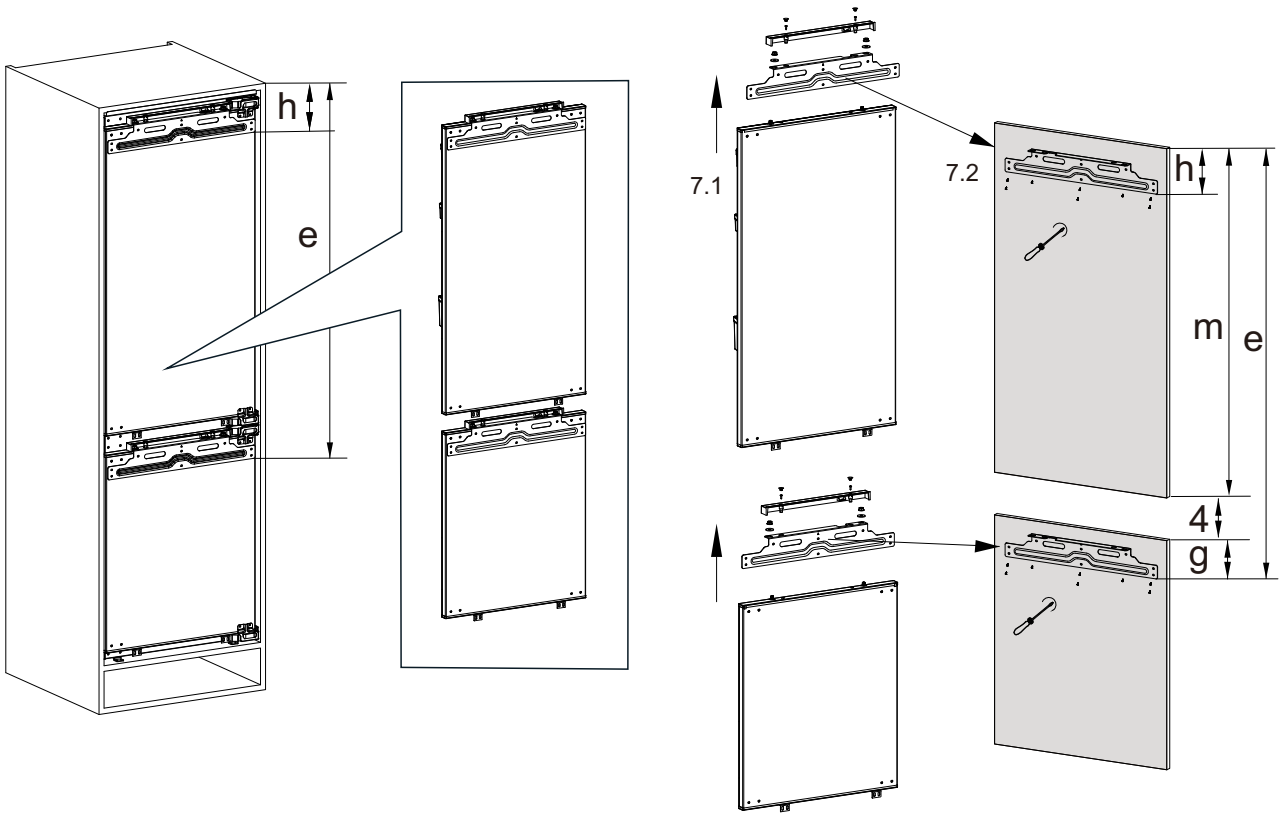
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8x



7

32x



8

