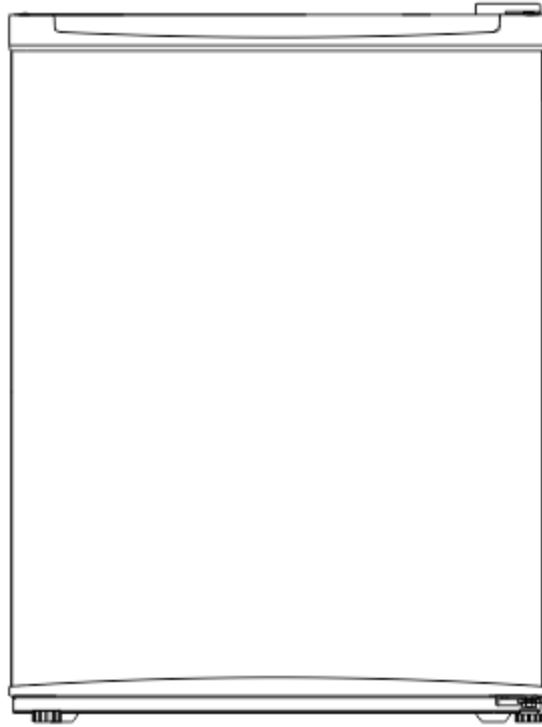


REFRIGERATOR



INSTRUCTION MANUAL

MODEL: T450TTIBLMW

SAFETY



WARNING!

It is hazardous for anyone other than authorized service personnel to carry out servicing or repairs which involves the removal of covers. To avoid the risk of an electric shock do not attempt to repair this appliance yourself.

WARNING!

Risk of fire / flammable materials.



Safety tips

Do not use electrical appliances such as a hair dryer or heater to defrost your Fridge/Freezer.

Containers with flammable gases or liquids can leak at low temperatures.

Do not store any containers with flammable materials, such as spray cans, fire extinguisher refill cartridges etc. in the Fridge/Freezer.

Do not place carbonated or fizzy drinks in the Freezer compartment. Ice lollies can cause "Frost/Freeze burns". If consumed straight from the Fridge/Freezer.

Do not remove items from the Fridge/Freezer compartment if your hands are damp/wet, as this could cause skin abrasions or "Frost/Freezer burns". Bottles and cans must not be placed in the Freezer compartment as they can burst when the contents freeze.

Manufacturer's recommended storage times should be adhered to. Refer to relevant instructions.

Do not allow children to tamper with the controls or play with the Fridge/Freezer. The Fridge/Freezer is heavy. Care should be taken when moving it. It is dangerous to alter the specification or attempt to modify this product in any way.

Do not store inflammable gases or liquids inside your Fridge/Freezer.

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

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

This refrigerating appliance is not intended to be used as a built-in appliance.

This refrigerating appliance is not suitable for freezing foodstuffs

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.

Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

Do not damage the refrigerant circuit.

Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of type recommended by the manufacturer.

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

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.

– **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:** Refrigerating appliances – in particular a refrigerator-freezer Type I – might not operate consistently (possibility of defrosting of contents or temperature becoming too warm in the frozen food compartment) when sited for an extended period of time below the cold end of the range of temperatures for which the refrigerating appliance is designed;

– **WARNING:** The necessity that, for doors or lids fitted with locks and keys, the keys be kept out of the reach of children and not in the vicinity of the refrigerating appliance, in order to prevent children from being locked inside.

– **WARNING:** The refrigerant used in your appliance and insulation materials requires special disposal procedures.

– **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

Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.

To avoid contamination of food, please respect the following instructions:

– Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.

– Clean regularly surfaces that can come in contact with food and accessible drainage systems.

– Clean water tanks if they have not been used for 48 h; flush the water system connected to a water supply if water has not been drawn for 5 days.

– Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.

– Two-star frozen-food compartments are suitable for storing pre-frozen food, storing or making ice-cream and making ice cubes.

– One-, two- and three-star compartments are not suitable for the freezing of fresh food.

– If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.

Electrical Connection

⚡WARNING⚡

The power cord of this appliance is equipped with a plug which mates with the standard wall outlets to minimize the possibility of electrical shock.

Under any circumstances, ensure that the power cord is grounded.

This refrigerator appliance requires a standard 220-240VAC 50Hz electrical outlet with grounding.

This refrigerator appliance is not designed to be used with an inverter.

The cord should be secured behind the appliance and not left exposed or dangling to prevent accidental injury.

Never unplug the refrigerator by pulling the power cord. Always grip the plug firmly and pull straight out from the receptacle.

Do not use an extension cord with this appliance. If the power cord is too short, have a qualified electrician or service technician install an outlet near the appliance. Use of an extension cord can negatively affect the performance of the unit. Improper use of the grounded plug can result in the risk of electrical shock. If the power cord is damaged, have it replaced by an authorized service center.

Climate Range

The information about the climate range of the appliance is provided on the rating plate. It indicates at which ambient temperature (that is, room temperature, in which the appliance is working) the operation of the appliance is optimal

(proper).

Climate range	Permissible ambient temperature
SN	from +10°C to +32°C
N	from +16°C to +32°C
ST	from +16°C to +38°C
T	from +16°C to +43°C

Note: Given the limit values of the ambient temperature range for the climate classes for which the refrigerating appliance is designed and the fact that the internal temperatures could be affected by such factors as location of the refrigerating appliance, ambient temperature and the frequency of door opening, the setting of any temperature control device might have to be varied to allow for these factors, if appropriate.



Note: When operating in an environment other than the specified climate type (i.e., beyond the rated ambient temperature range), the appliance may not be able to maintain the desirable compartment temperatures.

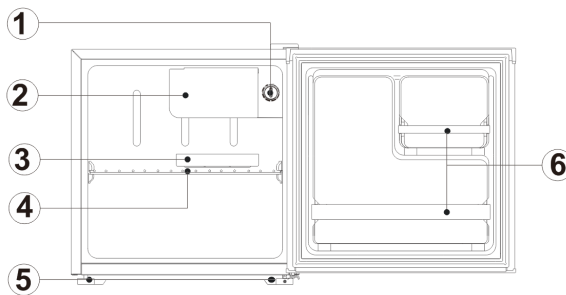
Locks

If your Refrigerator is fitted with a lock, keep the key out of reach and not in the vicinity of the appliance to prevent children being entrapped. When disposing of an old Refrigerator, break off any old locks or latches as a safeguard.

Freon-free

The freon-free refrigerant (R600a) and the foaming insulation material (cyclopentane) that is environmentally friendly are used for the refrigerator, causing no damage to the ozone layer and having a very small impact on the global warming. R600a is flammable, and sealed in a refrigeration system, without leakage during normal use. But, in case of refrigerant leakage due to the refrigerant circuit being damaged, be sure to keep the appliance away from open flames and open the windows for ventilation as quickly as possible.

INTRODUCTION



No	Description
1	Thermostat Knob
2	Chill door
3	Drip tray
4	Shelf
5	Adjustable front feet
6	Plastic retaining

INSTALLATION

Location

When selecting a position for your Fridge/Freezer you should make sure the floor is flat and firm, and the room is well ventilated. Avoid locating your Fridge/Freezer near a heat source, eg, cooker, boiler or radiator. Also avoid direct sunlight in out-buildings or sun lounges. If you are placing your Fridge/Freezer in an out-building such as a garage or annex ensure that the Fridge/Freezer is placed above the damp course, otherwise condensation will occur on the Fridge/Freezer cabinet. When working, the refrigerator gives off heat to surroundings. Therefore, at least 30mm of free space should be spared at the top side, more than 100mm on both sides, and above 50mm at the back side of the refrigerator.

Heat dissipation space

When working, the refrigerator gives off heat to surroundings. Therefore, at least **30mm** of free space should be spared at the top side, more than 100mm on both sides, and above 50mm at the back side of the refrigerator. .

Dimensions in mm

W	D	H	A	B	C(°)	E	F	
470	447	496	800	874	130±5	50	100	

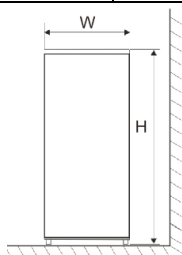


Fig. 1

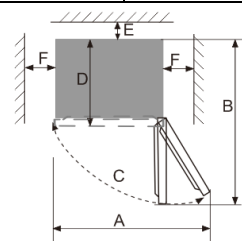
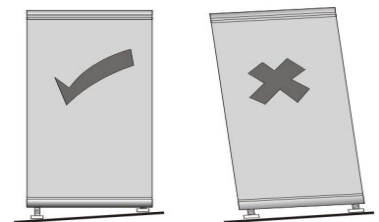


Fig. 2



Note: Figure 1, Figure 2 only as a product space demand size schematic diagram.

Leveling the Fridge

If the Fridge is not level, the door and magnetic seal alignment will be affected and may cause you Fridge to work incorrectly. Once the Fridge is placed in its final location, adjust the leveling feet at the front by turning them.

Cleaning before use

Wipe the inside of the Fridge with a weak solution of bicarbonate of soda. Then rinse with warm water using a damp sponge or cloth. Wash the baskets and shelves in warm soapy water and dry completely before replacing in the Fridge. The external parts of the Fridge can be cleaned with wax polish.

Before plugging in YOU MUST

Check that you have a socket which is compatible with the plug supplied with the Fridge.

Before switching on!

DO NOT SWITCH ON UNTIL FOUR HOURS AFTER MOVING THE FRIDGE.

The coolant fluid needs time to settle. If the appliance is switched off at any time, wait 30 minutes before switching back on to allow the coolant fluid to settle.

Before filling your Fridge

Before storing foods in your Fridge, turn the Fridge on and wait for 24 hours, to make sure it is working properly and to allow the Fridge to fail to the correct temperature.

START

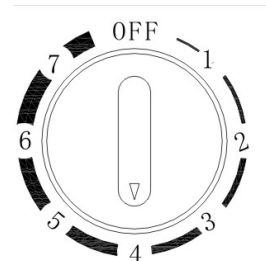
Testing

Clean the parts of the refrigerator with lukewarm water containing a little neutral detergent and with clear water, and wipe them dry.

Notes: Electric parts of the refrigerator can only be wiped by dry cloth.

1. Remark: turn the thermostat knob to the "4" position, turn on electricity. The compressor begin to work.
2. Open the door 30 minutes later, if the temperature in the refrigerator decreased obviously, it shows that the refrigerator system works well. When the refrigerator operates for a period of time, the temperature controller will automatically set the temperature within limits it opens.

Temperature Control Dial



Temperature Control

The temperature of the appliance can be adjusted by turning the thermostat dial.

The thermostat can be set between 1 and 7.

- 1 is the warmest setting.
- 7 is the coldest setting.
- Set the dial to OFF to turn off the cooling function.
- Under the normal operating condition (in spring and autumn), it is recommended to set the temperature at 4.
- In summer when the ambient temperature is high, it is recommended to set temperature at 3-4. so as to guarantee the fridge and freezer temperatures and reduce the refrigerator continuous running time; and in winter when the ambient temperature is low, it is recommended to set temperature at 5-6 to avoid frequent start/stop of the refrigerator.

Notes: The temperatures may vary with respect to setting' s ones due to compressor cycles and outside conditions.

STORAGE OF FOOD

1.How to Use the Refrigerator Compartment

*The cook dishes can be put into refrigerator to keep fresh after their temperature decreases to room temperature.

*Egg pockets and bottle pockets for eggs, butter, milk and bottle drinks,etc..

2.Placement of Food

*Proper place should be left instead of too crowded during food storage.

*Food to be stored should be wrapped with clean plastic film or fresh keeping paper, then distributed to several frames even to avoid contamination and the loss of water and smell mixture.

*Cool hot food down to the room temperature before storing or consumption of electricity will increase and would lead to frost forming inside.

Tips for keeping food perfect in the Fridge

Take extra care with meat and fish

Cooked meats should always be stored on a shelf above raw meats to avoid bacterial transfer. Keep raw meats on a plate which is large enough to collect juices and cover it with cling film or foil.

Leave space around food

This allows cold air to circulate around the Fridge, ensuring all parts of the Fridge are kept cool.

Wrap up food!

To prevent transfer of flavors and drying out, food should be separately packed or covered. Fruit and vegetables need not be wrapped.

Pre-cooked food should be cooled properly

Allow pre-cooked food to cool down before placing in the Fridge. This will help to stop the internal temperature of the Fridge from rising.

Shut the door!

To prevent cold air escaping, try to limit the number of times you open the door. When returning from shopping, sort foods to be kept in your Fridge before opening the door. Only open the door to put food in or take it out.

Where to store your foods in the fridge

Cool area

This is where to store foods which will keep longer if they are kept cool. Milk, eggs, yogurt, fruit juices, hard cheeses eg. Cheddar. Opened jars and bottles of salad dressings, sauces and jams. Fats, eg. Butter, margarine, low-fat spreads,

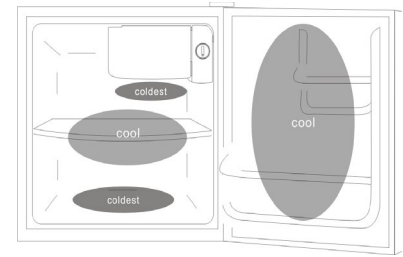
cooking fats and lard.

Coldest area

This is where foods which must be cold to keep them safe should be kept:

- Raw and uncooked foods should always be wrapped.
- Pre-cooked chilled foods, eg. Ready meals, meat pies, soft cheeses.
- Pre-cooked meats eg. Ham,
- Prepared salads (including pre-packed mixed green salads, rice, potato salad etc).
- Desserts, eg. Fromage frais, home-prepared food and leftovers or cream cakes.

NOTE: Always wrap and store raw meat, poultry and fish on the lowest shelf at the bottom of the fridge. If so, can not put too long. This will stop them dripping onto, or touching other foods. Do not store inflammable gasses or liquids in the fridge.



Recommended storage periods

For recommended food storage time, refer to the information given on your food packaging.

Cleaning inside the Fridge

After defrosting you should clean the Fridge internally with a weak solution of bicarbonate of soda. Then rinse with warm water using a damp sponge or cloth and wipe dry. Wash the baskets in warm soapy water and ensure they are completely dry before replacing in the Fridge.

Cleaning outside the Fridge

Use standard non-abrasive detergent diluted in warm water to clean the Fridge exterior.

The grille of the condenser at the back of the Fridge and the adjacent components can be vacuumed using a soft brush attachment.

Do not use harsh cleaners, scouring pads or solvents to clean any part of the Fridge

Moving the Fridge/Freezer

Location

Do not place your Fridge/Freezer near a heat source, eg. Cooker, boiler or radiator. Also avoid direct sunlight in out-buildings or sun lounges.

Leveling the Fridge/Freezer

Make sure the Fridge/Freezer is level. Use the rotating leveling feet at the front. If the Fridge/Freezer is not level, the doors and magnetic seal alignments will be affected and may cause your Fridge/Freezer to work incorrectly.

Do not turn on the Fridge/Freezer for 4 hours

After the Fridge/Freezer is in place it needs to be left for 4 hours. This allows time for the coolant to settle.

Installation

Don't cover or block the vents or grilles of your appliance.

Vacation Time

- Turn off the refrigerator first and then unplug the unit from the wall outlet.
- Remove all the food.
- Clean the refrigerator.
- Leave the lid open slightly to avoid possible formation of condensation, mold, or odors.
- Use extreme caution in the case of children. The unit should not be accessible to child's play.
- Short vacations: Leave the refrigerator operating during vacations of less than three weeks.
- Long vacations: If the appliance will not be used for several months, remove all food and unplug the power cord. Clean and dry the interior thoroughly. To prevent odor and mold growth, leave the door open slightly: blocking it open if necessary or have the door removed.

How to save energy

01. Install the refrigerator in the coolest part of the room, out of direct sunlight and away from heating ducts or registers. Do not place the refrigerator next to heat-producing appliances such as a range, oven or dishwasher.
02. The refrigerator door should remain open only as long as necessary; do not place hot food inside the refrigerator.
03. Organize the refrigerator to reduce door openings. Remove as many items as needed at one time and close the door as soon as possible.
04. The refrigerator door should be properly closed to avoid increased energy consumption, and the formation of excess ice and / or condensation inside.
05. Constantly circulating cold air keeps the temperature homogenous inside the refrigerator. For this reason, it is important to properly distribute the food, to facilitate the flow of air.
06. Cover foods and wipe containers dry before placing them in the refrigerator. This cuts down on moisture build-up inside the unit.
07. Do not overcrowd the refrigerator or block cold air vents. Doing so causes the refrigerator to run longer and use more energy. Shelves should not be lined with aluminum foil, wax paper or paper toweling. Liners interfere with cold air circulation, making the refrigerator less efficient, which could cause food spoilage.
08. During prolonged absences (example: vacations), it is advisable to disconnect the refrigerator, remove all the food, and clean it. The door should be left slightly open to avoid mold and unpleasant odors. This will not affect the refrigerator when it is reconnected.
09. During short absences (example: holidays), the refrigerator can remain on. However, remember that prolonged power outages may occur while you are gone.

Servicing

This product should be serviced by an authorized engineer and only genuine spare parts should be used.

Under no circumstances should you attempt to repair the appliance yourself.

Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Contact the local store where your purchase was made.

When the appliance is not in use for long periods, disconnect from the electricity supply, empty all foods and clean the

appliance, leaving the door ajar to prevent unpleasant smells.



If you need change the knob, please set to "OFF" position, the knob can be disassembled easily.

Changing the lamp

The LED lamp is used by the refrigerator for lighting, which features low energy consumption and long service life. In case of any abnormality, please contact the after-sales personnel for visiting service. The LED lamps can only be replaced by the after-sales personnel.

Lamp type: internal light.

Energy efficiency level: F

ELECTRICAL INFORMATION

THIS APPLIANCE MUST BE EARTHED.

This appliance is fitted with a plug which will be suitable for use in all houses fitted with sockets to current specifications. If the fitted plug is not suitable for your socket outlets, it should be cut off and carefully disposed of. To avoid a possible shock hazard, do not insert the discarded plug into a socket.

Simple fault analysis and elimination

With regard to the following small faults, not every failure needs to be fixed by the technical service personnel; you can try to solve the problem.

Case	Inspection	Solutions
<ul style="list-style-type: none"> Completely non-refrigeration 	<ul style="list-style-type: none"> Is power plug off? Are breakers and fuses broken? No electricity or line trip? Where is the refrigerator installed? Is it placed in balconies, garages, storage rooms and other places where the ambient temperature is below 10°C? 	<ul style="list-style-type: none"> Re-plug Opening the door and checking whether the lamp is lit. Power outage or line tripping? Install refrigerator in a location that is protected and the ambient temperature is above 10 °C. If your refrigerator is installed in too low temperature, the internal cooling system may not work correctly.
<ul style="list-style-type: none"> Abnormal noise 	<ul style="list-style-type: none"> Is refrigerator stable? Does refrigerator reach the wall? 	<ul style="list-style-type: none"> Adjusting refrigerator's adjustable feet. Off the wall.
<ul style="list-style-type: none"> Poor refrigerating efficiency 	<ul style="list-style-type: none"> Do you put hot food or too much food? Do you open the door frequently? Do you clip food bag to the seal of door? Direct sunlight or near a furnace or stove? Is it well-ventilated? Temperature setting in too high? 	<ul style="list-style-type: none"> Putting food into refrigerator when hot food becomes cool. Checking and closing the door. Removing the refrigerator from the heat source. Emptying the distance to maintain good ventilation. Setting to the appropriate temperature.
<ul style="list-style-type: none"> Peculiar smell in refrigerator 	<ul style="list-style-type: none"> Any spoiled food? Do you need to clean refrigerator? Do you pack food of strong flavors? 	<ul style="list-style-type: none"> Throwing away spoiled food. Cleaning refrigerator. Packing food of strong flavors.



Note: If the above descriptions are inapplicable to troubleshooting, do not disassemble and repair it yourself. Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Contact the local store where your purchase was made. This product should be serviced by an authorized engineer and only genuine spare parts should be used.

When the appliance is not in use for long periods, disconnect from the electricity supply, empty all foods and clean the appliance, leaving the door ajar to prevent unpleasant smells.

Correct Disposal of this product	
	<p>This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.</p>

Warnings for disposal

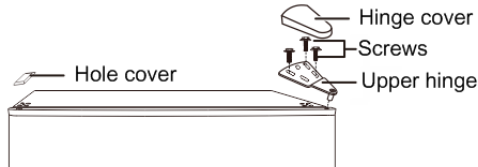
✘ Refrigerant and cyclopentane foaming material used for the refrigerator are flammable. Therefore, when the refrigerator is scrapped, it shall be kept away from any fire source and be recovered by a special recovering company with corresponding qualification other than be disposed by combustion, so as to prevent damage to the environment or any other harm.

※ When the refrigerator is scrapped, disassemble the doors, and remove gasket of door and shelves; put the doors and shelves in a proper place, so as to prevent trapping of any child.

DOOR REVERSAL INSTRUCTIONS

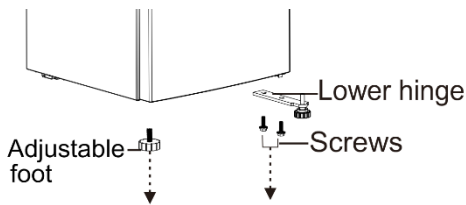
1. Make sure that your refrigerator is unplugged.

2. Remove the hinge cover and upper hinge from the top right side of the cabinet. Remove the screw hole cover from the top left side of the cabinet.

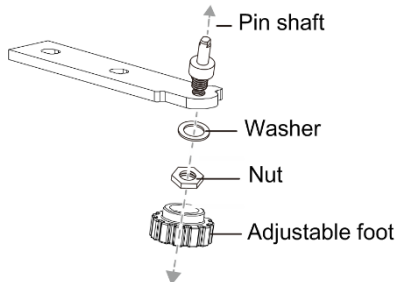


3. Remove the refrigerator compartment door from the cabinet.

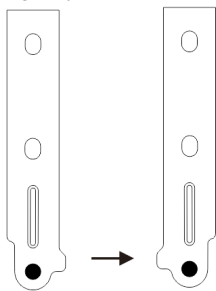
4. Remove the screws that secure the lower hinge of the right side of the cabinet, then remove the hinge. Remove the adjustable foot that the left.



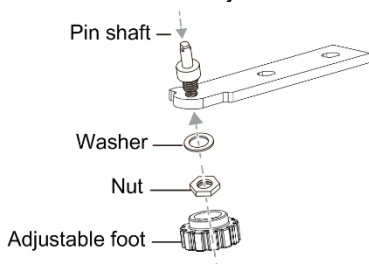
5. Remove the adjustable foot on the lower hinge shaft, and remove the washer and nut.



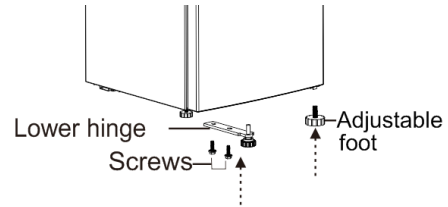
6. Turn the lower hinge by 180°



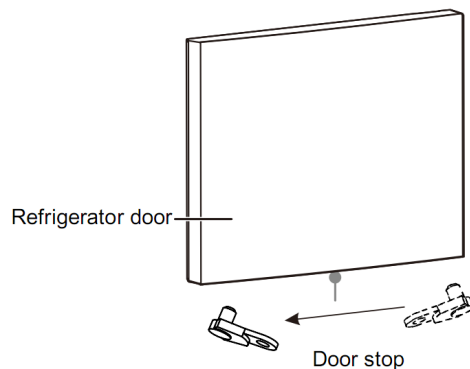
7. Install the washer and nut into the hole on the pin shaft, and then install the adjustable foot.



8. Install the lower hinge on the left side of the cabinet. Install the adjustable foot at the right.

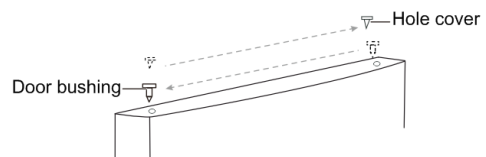


9. Remove the screw that secures the door stop from the bottom right of the refrigerator compartment door, then remove the door stop and install to the bottom left side.



10. Install the refrigerator compartment door.

11. Move the door bushing from the top right side of the refrigerator door to the top left side of the door. And move the left hole cover to the right side.



12. Secure the upper hinge to the top left side of the cabinet with the three screws you removed previously. Before you tighten the upper hinge screws, make sure that the top of the door is level with the cabinet and that the rubber gasket makes a good seal.

