

**Refrigerator
TOP MOUNTED FREEZER SERIES**

USER MANUAL
MDRT489MT
SERIES



Warning notices: Before using this product, please read this manual carefully and keep it for future reference. The design and specifications are subject to change without prior notice for product improvement. Consult with your dealer or manufacturer for details.

The diagram above is just for reference. Please take the appearance of the actual product as the standard.

THANK YOU LETTER

Thank you for choosing Midea! Before using your new Midea product, please read this manual thoroughly to ensure that you know how to operate the features and functions that your new appliance offers in a safe way.

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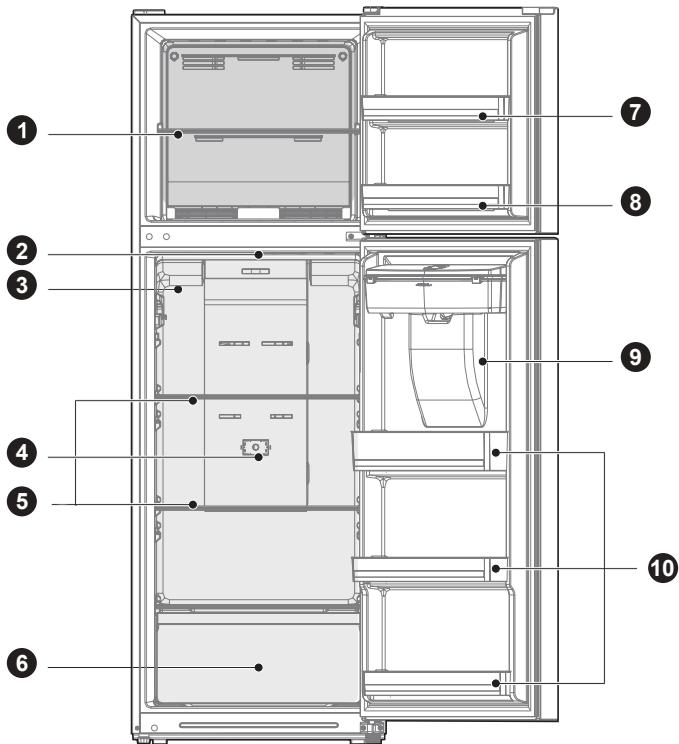
SPECIFICATIONS

Product model	MDRT489MTE46 MDRT489MTN46	MDRT489MTE46 MDRT489MTE46D
Rated Voltage	220-240V~	220-240V~
Frequency	50Hz	50Hz
Rated Current	0.7A	1.2A
Overall Dimension (H x W x D)	1724x595x695mm	1724x595x695mm

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PRODUCT OVERVIEW

Names of components



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1	Shelf	6	Fruits and vegetables box
2	LED lighting	7	Door tray
3	Damper adjusting slider	8	Door tray
4	Deoderizer	9	Water dispenser (optional)
5	Shelf	10	Door tray

ATTENTION

The picture above is only for reference. The actual configuration will depend on the physical product or statement by the distributor

PRODUCT INSTALLATION

Install Instruction

For refrigerating appliances with climate class

- Depending on the climate class, This refrigerating appliance is intended to be used at ambient temperatures range as specified following table.
- The climate class can be found on the rating plate. The product may not operate properly at temperatures outside of the specific range.
- You can find the climate class on the product label.

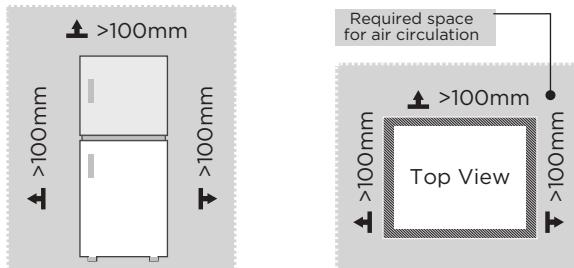
Effective temperature range

- The product is designed to operate normally in the temperature range specified by its class rating.

Class	Symbol	Ambient temperature range °C	
		IEC 62552 (ISO 15502)	ISO 8561
Extended temperate	SN	+ 10 to + 32	+ 10 to + 32
Temperate	N	+ 16 to + 32	+ 16 to + 32
Subtropical	ST	+ 16 to + 38	+ 18 to + 38
Tropical	T	+ 16 to + 43	+ 18 to + 43

Dimensions and Clearances

- Too small of a distance from adjacent items may result in the degradation of freezing capability and increased electricity costs. Allow over 100 mm of clearance from each adjacent wall when installing the appliance.

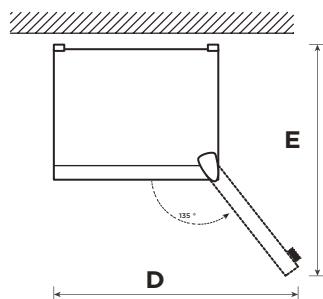
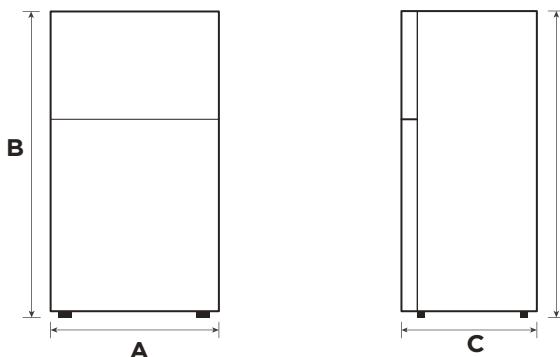


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Space requirement diagram (when the door is open and when the door is closed)



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Width	Overall Height	Depth	Width doors open 135°	Depth doors open 135°
A	B	C	D	E
595	1724	695	997	1137

Notice: All dimensions in mm

Leveling feet

To avoid vibration, the unit must be leveled.

If required, adjust the leveling screws to compensate for the uneven floor.

The front should be slightly higher than the rear to aid in door closing.

Leveling screws can be turned easily by tipping the cabinet slightly.

Turn the leveling screws counterclockwise  to raise the unit, clockwise  to lower it.

Moving the appliance

1. Remove all food from inside the appliance.
2. Pull the power plug out, insert and fix it into the power plug hook at the rear or on top of the appliance.
3. Tape parts such as shelves and the door handle to prevent from falling off while moving the appliance.
4. Move the appliance with more than two people carefully. When transporting the appliance over a long distance, keep the appliance upright.
5. After installing the appliance, connect the power plug into a socket out to switch on the appliance.

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Placement

- Before use, remove all packing materials, including bottom cushions, foam pads and tapes inside of the refrigerator; tear off the protective film on the doors and the refrigerator body.
- Keep away from heat and avoid direct sunlight. Do not place the freezer in moist or watery places to prevent rust or reduction of insulating effect.
- Do not spray or wash the refrigerator; do not put the refrigerator in moist places easy to be splashed with water so as not to affect the electrical insulation properties of the refrigerator.
- The refrigerator is placed in a well-ventilated indoor place; the ground shall be flat, and sturdy (rotate left or right to adjust the wheel for leveling if unstable).

Door right-left change (optional)

Based on the location where you plan to use your refrigerator, you may find it more convenient to reverse the position of the door.

⚠ CAUTION

CAUTION: To avoid injury to yourself or your property, we recommend that someone assist you during the door reversal process.

Preparing to reverse the door position

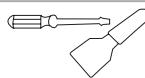
You will need: A standard screwdriver, a Phillips screwdriver, and the included Allen wrench.

- Make sure that your refrigerator is unplugged and empty.
- Have someone available to assist you in the process.
- Keep all of the parts you remove to reuse them later.

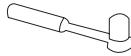
Tools needed for changing the door:



Cross screwdriver



Putty knife
thin-blade screwdriver



5/16" socket and ratchet

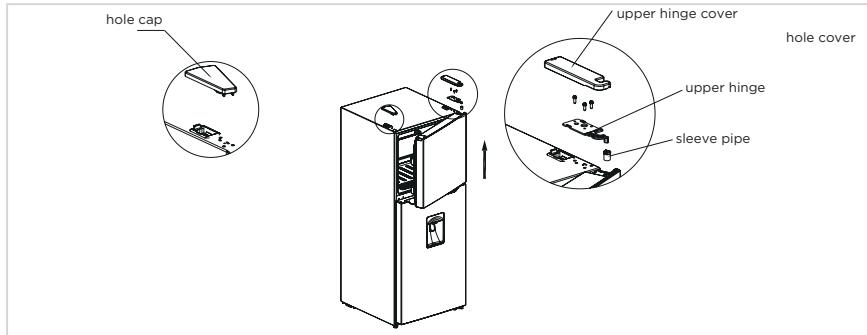


Masking tape

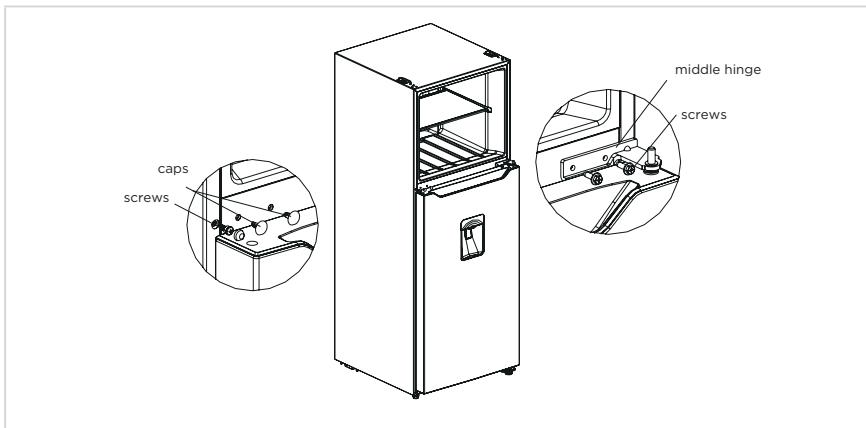
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Step

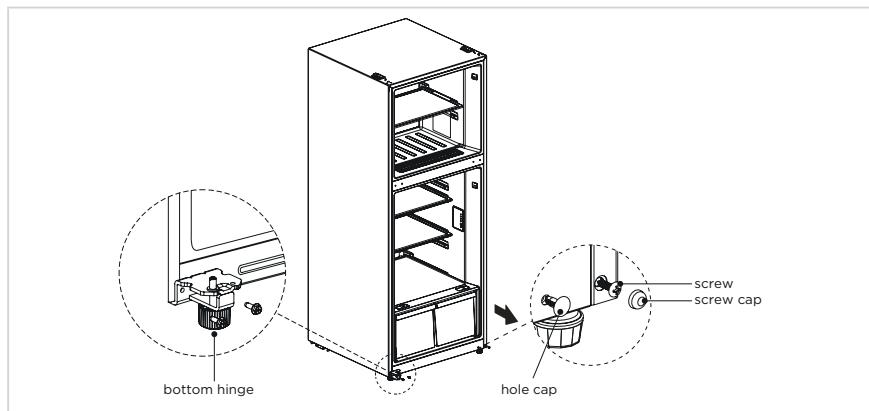
1. Please power off this appliance before conduct this operation. Remove all food from door shelves.
2. Remove hole cap, the upper hinge cover, fitting screws of upper hinge,upper hinge and sleeve pipe,then uplift the freezer door until it is separated from cabinet completely.



3. Remove the hole caps, fitting screws of middle hinge and middle hinge, and remove the screws and screws caps on the other side then uplift the refrigerator door until it is separated from cabinet completely.

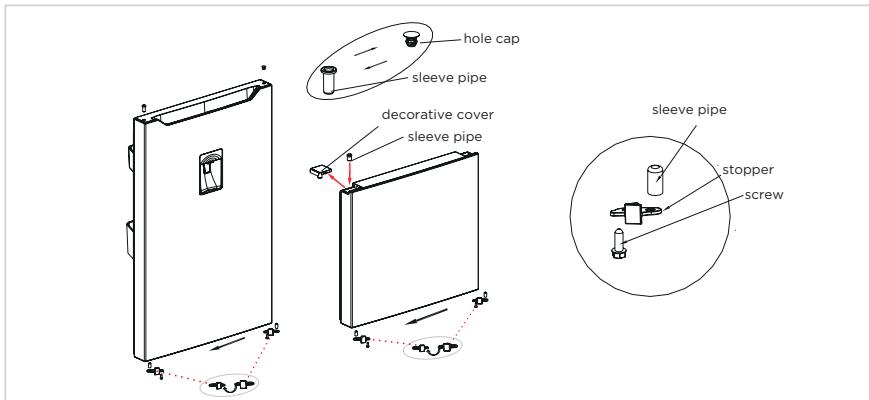


4. Remove the lower hinge assembly from lower right corner and remove the hole cap, screw cap from lower left corner; Dismantle the hinge shaft and adjustable foot and install them on other side of lower hinge; then install the lower hinge assembly on lower left corner by fitting screws, and install the hole cap and screw cap on lower right corner.

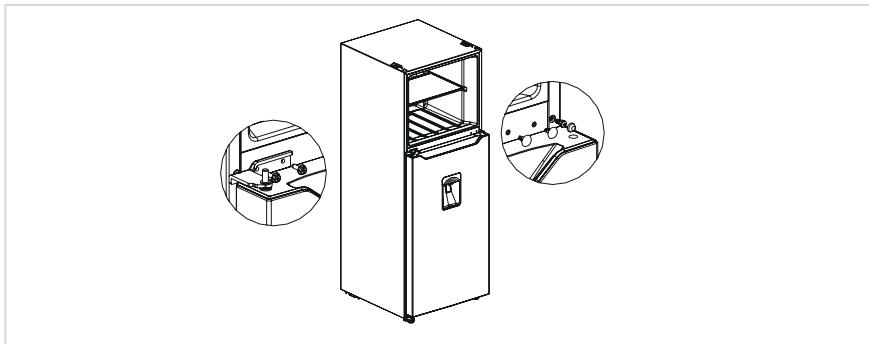


5. Dismantle the stoppers, sleeve pipes of both refrigerator door and freezer door, install them on the other side of both doors; exchange the installation position of sleeve pipe and hole cap on upper end cap of refrigerator door; remove the left decorative cover of freezer door, and move the sleeve pipe

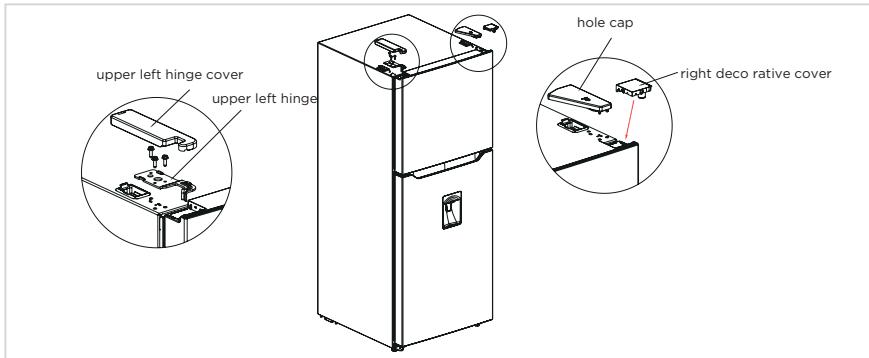
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6. Install the Refrigerator compartment door on the lower hinge and then install the middle hinge, screws and caps.

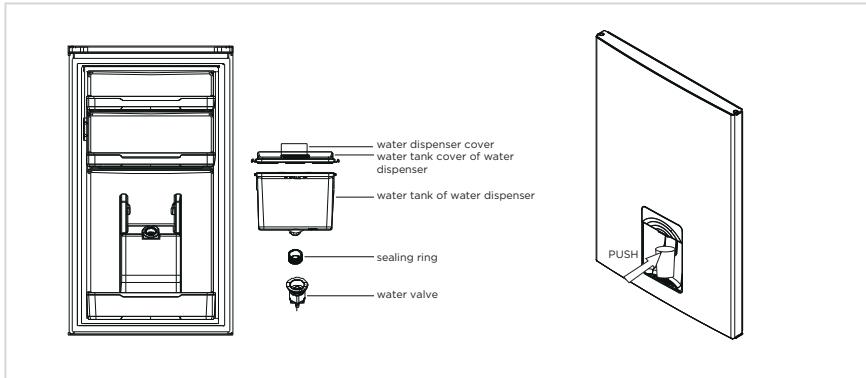


7. Take out the left upper hinge, left upper hinge cover, and right decorative cover from the accessory bag, install the freezer door on the middle hinge, and install the left upper hinge, left hinge cover and hole cap. Finally, install the right decorative cover on right side of end cap of freezer door.



Usage of water dsipenser (optional)

1. First open Water inlet cover, fill with drinking water to "MAX" marked as the maximum amount of water.
2. Use the cup to push the trigger to the inside, the water will flow out, when the trigger back to the original position, the water stops.
3. Water dispenser can only be used for pure water, not suitable for beverages or fruit juice.



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Changing the light

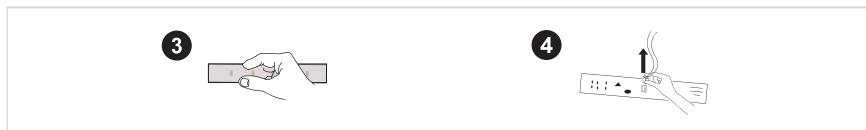
- Any replacement or maintenance of the LED lamps is intended to be made by the manufacturer, its service agent or similar qualified person. This product contains a light source of energy efficiency class <F>.

Step

1. Please take out the plug before removal.
2. Remove the lampshade with a screwdriver.



3. Take down the lamp panel.
4. Remove the connection terminal.



Connecting the appliance

Before initial start, keep the refrigerator still for two hour before connecting it to power supply.

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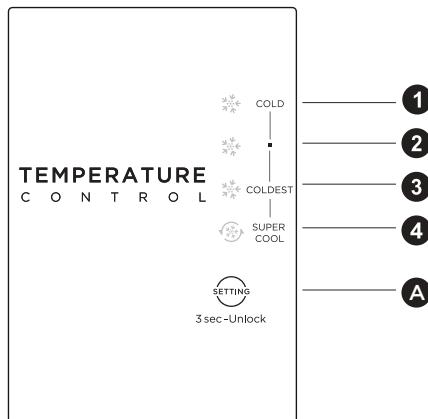
Before putting any fresh or frozen foods, the refrigerator shall have run for 2-3 hours, or for above 4 hours in summer when the ambient temperature is high.

Tips for energy saving

- The appliance should be located in the coolest area of the room, away from heat producing appliances or heating ducts, and out of the direct sunlight.
- Let hot foods cool to room temperature before placing in the appliance. Overloading the appliance forces the compressor to run longer. Foods that freeze too slowly may lose quality, or spoil.
- Be sure to wrap foods properly, and wipe containers dry before placing them in the appliance. This cuts down on frost build-up inside the appliance.
- Appliance storage bin should not be lined with aluminum foil, wax paper, or paper toweling. Liners interfere with cold air circulation, making the appliance less efficient.
- Organize and label food to reduce door openings and extended searches. Remove as many items as needed at one time, and close the door as soon as possible.

OPERATION INSTRUCTIONS

Control panel



ATTENTION

The picture above is only for reference. The actual configuration will depend on the physical product or statement by the distributor.

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Key

A Temperature setting button of refrigerator compartment

Display screen

1	COLD
2	■
3	COLDEST
4	SUPER COOL

Display

When power-on the refrigerator, the display screen (including the key light) will shine in full for 3s, then the refrigerator runs according to temperature setting 3.

Display of normal running

On the occurrence of a failure, the corresponding LED light will give a combined display of failure code (in recycling display);

Where there is no failure, the LED light will display the existing temperature setting.

ATTENTION

The actual control panel may differ from model to model.

Error code

- The following warnings appearing on the display indicate corresponding faults of the refrigerator.
- Though the refrigerator may still have cooling and freezing function with the following faults, the user shall contact a maintenance specialist for maintenance, so as to ensure normal use of the refrigerator.

Fault Code	Fault Description
Indicator setting 4 and setting 3	Refrigerator temperature sensor
Indicator setting 4 and setting 2	Freezer defrost sensor
Indicator setting 4 and setting 1	Ambient temperature sensor

Temperature setting

- Each time the temperature setting button A is pressed once, the temperature setting changes one time. After the temperature setting has been completed, the refrigerator will run according to the set value after 15s.

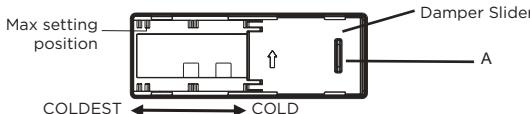
The shift regulation is:

Setting1 → Setting 2 → Setting 3 → Setting 4 → Setting 1 →

Lock/Unlock

- When the temperature control panel is in lock state, it needs to long press temperature setting key for 3 seconds for unlocking the panel, all LEDs will blink for 2 seconds when panel is unlocked. When the temperature control panel is in unlock state, if there is no operation on control panel within 15 seconds, it will enter into lock state automatically.

Damper adjusting slider



The temperature inside the freezer can be adjusted by changing the position of the damper slider. The initial position of the damper slider is at position A. If lower temperature inside the freezer is required, you can adjust the damper slider from the position A to left side. For better use of the refrigerator, it is recommended to keep the damper slider at initial position.

ATTENTION

The actual control panel may differ from model to model.

Refrigerating chamber

- The Refrigerating Chamber is suitable for storage of a variety of fruits, vegetables, beverages and other food consumed in the short term, suggested storage time 3days to 5days.
- Cooking foods shall not be put in the refrigerating chamber until cooled to room temperature.
- Foods are recommended to be sealed up before putting into the refrigerator.
- The glass shelves can be adjusted up or down for a reasonable amount of storage space and easy use.

Freezing chamber

- The low temperature freezing chamber may keep food fresh for a long time and it is mainly used to store frozen foods and making ice.
- The freezing chamber is suitable for storage of meat, fish, rice balls and other foods not to be consumed in short term.
- Chunks of meat are preferably to be divided into small pieces for quick freezing and easy access. Please be noted food shall be consumed within the shelf time.

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Order	Compartments TYPE	Target storage temp. [°C]	Appropriate food
1	Fridge	+2 ~ +8	Eggs, cooked food, packaged food, fruits and vegetables, dairy products, cakes, drinks and other foods are not suitable for freezing.
2	(***)*-Freezer	≤-18	Seafood (fish, shrimp, shellfish), freshwater aquatic products and meat products (recommended for 3 months, the longer the storage time, the worse the taste and nutrition), suitable for frozen fresh food.
3	***-Freezer	≤-18	Seafood (fish, shrimp, shellfish), freshwater aquatic products and meat products (recommended for 3 months, the longer the storage time, the worse the taste and nutrition), suitable for frozen fresh food.
4	**-Freezer	≤-12	Seafood (fish, shrimp, shellfish), freshwater aquatic products and meat products (recommended for 3 months, the longer the storage time, the worse the taste and nutrition), suitable for frozen fresh food.
5	*-Freezer	≤-6	Seafood (fish, shrimp, shellfish), freshwater aquatic products and meat products (recommended for 3 months, the longer the storage time, the worse the taste and nutrition), suitable for frozen fresh food.
6	0-star	-6 ~ 0	Fresh pork, beef, fish, chicken, some packaged processed foods, etc. (Recommended to eat within the same day, preferably no more than 3 days). Partially encapsulated processed foods (non-freezable foods).
7	Chill	-2 ~ +3	Fresh/ frozen pork, beef, chicken, freshwater aquatic products, etc. (7 days below 0°C and above 0°C is recommended for consumption within that day, preferably no more than 2 days). Seafood (less than 0 for 15 days, it is not recommended to store above 0°C).
8	Fresh food	0 ~ +4	Fresh pork, beef, fish, chicken, cooked food, etc. (Recommended to eat within the same day, preferably no more than 3 days)
9	Wine	+5 ~ +20	Red wine, white wine, sparkling wine, etc.

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● ATTENTION

please store different foods according to the compartments or target storage temperature of your purchased.

CLEANING AND MAINTENANCE

Defrost

- Power off the refrigerator.
- Remove the food from the refrigerator and place it properly to prevent food from melting.
- Clear the drain pipe (to use soft materials to prevent damage to the liner), Prepare the water containers for defrosting. (pay attention to clean the compressor compartment water draining tray, Ovoding overflow to the ground).
- You can also use the appropriate amount of hot water to speed up the defrost, with a dry towel to dry the water after defrosting.
- You can also use the appropriate amount of hot water to speed up the defrost, with a dry towel to dry the water after defrosting.
- After defrosting, put back the foods in cabinet, and power on the refrigerator.

Stop using

Power failure:

In case of power failure, even if it is in summer, foods inside the appliance can be kept for several hours; during the power failure, the times of door opening shall be reduced, and no more fresh food shall be put into the appliance.

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Long-time nonuse:

The appliance shall be unplugged and then cleaned; then the doors are left open to prevent odor.

Moving:

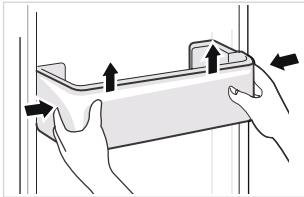
partitions, vegetable holder, freezing chamber drawers and etc. with tape, and tighten the leveling feet; close the doors and seal them with tape. During moving, the appliance shall not be laid upside down or horizontally, or be vibrated; the inclination during movement shall be no more than 45°.

The appliance shall run continuously once it is started. Generally, the operation of the appliance shall not be nterrupted; otherwise the service life may be impaired.

Foods can be preserved for a couple of hours even in summer in case of power failure; it is recommended to reduce the frequency of opening door.

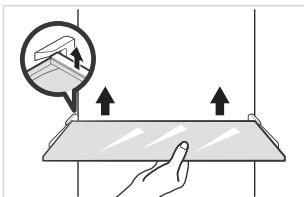
Cleaning of door tray

- According to the direction arrow in the figure below, use both hands to squeeze the tray, and push it upward, then you can take it out.
- After washing the tray having been taken out, you can adjust its installing height in accordance with your requirement.



Cleaning of glass shelf

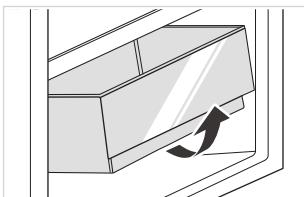
- As the innermost part of the refrigerator liner where contacting the shelves has a backstop, you shall raise the shelves upward, then you can be able to take it out.
- Adjust or clean the shelves according to your requirement.



Cleaning the vegetable drawer

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- Remove the contents of the drawer. Hold the handle of the vegetable drawer and pull it out completely until it stops.
- Lift the vegetable drawer up and remove it by pulling it out.



ATTENTION

Soft towels or sponge dipped in water and non-corrosive neutral detergents are suggested for cleaning. The freezer of shall be finally cleaned with clean water and dry cloth. Open the door for natural drying before the power is turned on. Do not use hard brushes, clean steel balls, wire brushes, abrasives, such as toothpastes, organic solvents (such as alcohol, acetone, banana oil, etc.), boiling water, acid or alkaline items clean refrigerator considering that this may damage the fridge surface and interior.

TROUBLESHOOTING

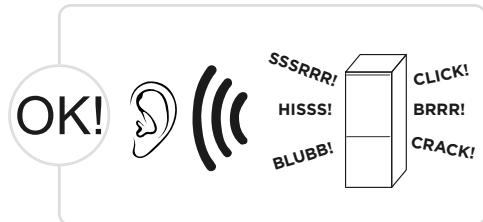
The following simple issues can be handled by the user. Please call the after-sale service department if the issues are not solved.

Problem	Possible reason
Failed operation	<ul style="list-style-type: none">Check whether the appliance is connected to power or whether the plug is in well contact
Odor	<ul style="list-style-type: none">Odorous foods shall be tightly wrappedCheck whether there is any rotten foodClean the inside of the refrigerator
Long-time operation of the compressor	<ul style="list-style-type: none">Long operation of the refrigerator is normal in summer when the ambient temperature is highIt is not suggestible having too much food in the appliance at the same timeFood shall get cool before being put into the applianceThe doors are opened too frequently
Light fails to get lit	<ul style="list-style-type: none">Check whether the refrigerator is connected to power supply and whether the illuminating light is damagedHave the light replaced by a specialist
Door can not be properly closed	<ul style="list-style-type: none">The door is stuck by food packages Too much food is placedThe refrigerator is tilted.
Loud noises	<ul style="list-style-type: none">Check whether the floor is level and whether the refrigerator is placed stablyCheck whether accessories are placed at proper locations

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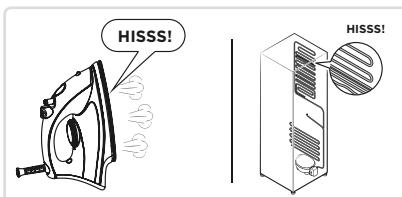
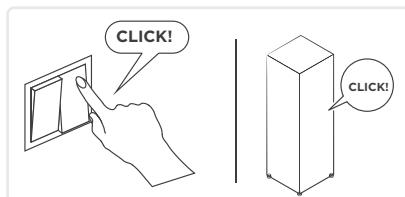
Problem	Possible reason
Door seal fails to be tight	<ul style="list-style-type: none"> • Remove foreign matters on the door seal • Heat the door seal and then cool it for restoration (or blow it with an electrical drier or use a hot towel for heating)
Water pan overflows	<ul style="list-style-type: none"> • There is too much food in the chamber or food stored contains too much water, resulting in heavy defrosting • The doors are not closed properly, resulting in frosting due to entry of air and increased water due to defrosting
Hot housing	<ul style="list-style-type: none"> • Heat dissipation of the built-in condenser via the housing, which is normal. When housing becomes hot due to high ambient temperature, storage of too much food or shutdown of the compressor is shut down, provide sound ventilation to facilitate heat dissipation
Surface condensation	<ul style="list-style-type: none"> • Condensation on the exterior surface and door seals of the refrigerator is normal when the ambient humidity is too high. Just wipe the condensate with a clean towel.
Abnormal noise	<ul style="list-style-type: none"> • Buzz: The compressor may produce buzzes during operation, and the buzzes are loud particularly upon start or stop. This is normal. • Creak: Refrigerant flowing inside of the appliance may produce creak, which is normal.

Do you hear these abnormal sounds as below? Usually these sounds are normal.



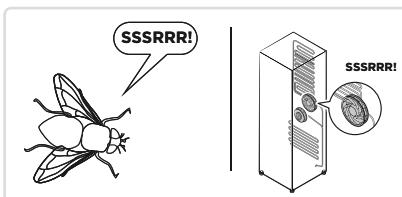
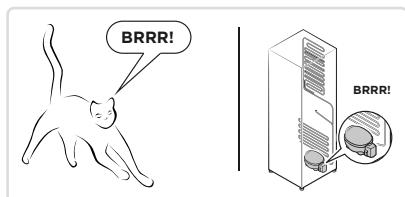
CLICK: Some electrical parts in the refrigerator, such as electric valve will make this noise when working. This is normal.

HISSS: When the refrigerant flows into the evaporator, it will make this noise. This is normal.



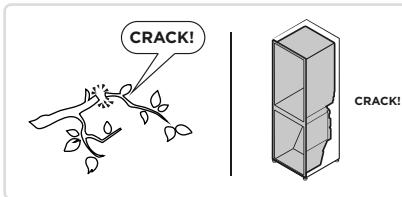
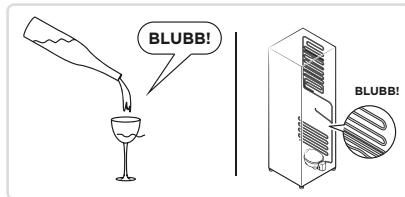
BRRR: The compressor will make this noise when working, and the buzzes are loud particularly upon start or stop. This is normal.

SSSSRRR: The fan motor in the No frost refrigerator will make this noise when working. This is normal.



BLUBB: Refrigerant flowing through the pipes in the refrigerator will make this noise. This is normal.

CRACK: Cracking sound or broken ice sound: the overall structure of the refrigerator, air duct frost will be with the thermal expansion and contraction of the expansion sound, these are also normal physical phenomenon.



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