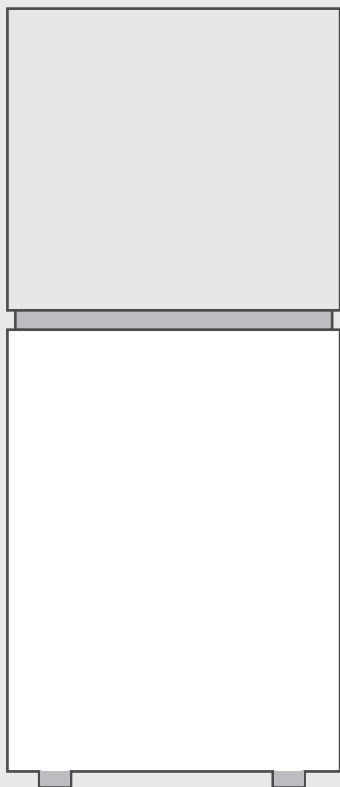




Refrigerator
TOP MOUNTED FREEZER SERIES

USER MANUAL

MDRT489MTE01AP
MDRT490MTF45AP
MDRT490MTF46AP

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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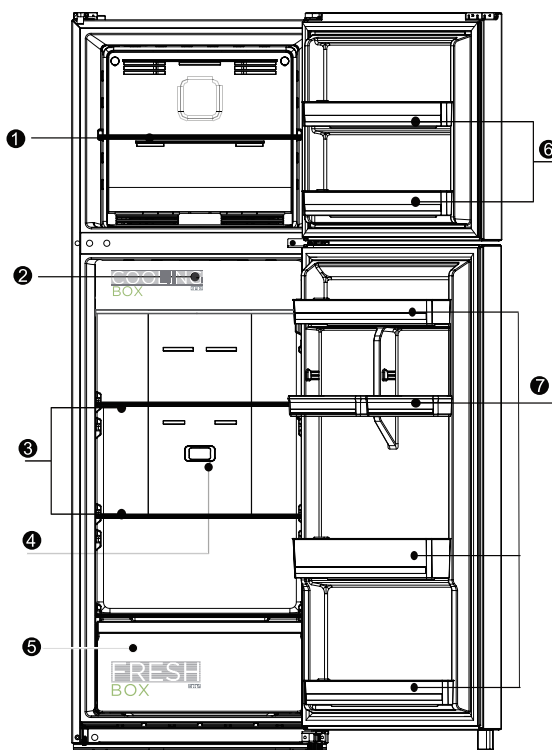
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SPECIFICATIONS

Product model	MDRT489MTE01AP MDRT490MTF45AP MDRT490MTF46AP
Total Storage Volume	338 L
Refrigerator Storage Volume	254L
Freezer Storage Volume	84L
Rated Defrost Power	175W
Rated Voltage	220-240V-
Rated Frequency	50Hz
Rated Current	1.2A

PRODUCT OVERVIEW

Names of components



- | | | | |
|---|--------------------|---|---------------------------|
| 1 | Freezer shelf | 5 | Fruits and vegetables box |
| 2 | Cooling box | 6 | Freezer door tray |
| 3 | Refrigerator shelf | 7 | Refrigerator door tray |
| 4 | Deoderizer | | |

● ATTENTION

- The picture above is only for reference. The actual configuration will depend on the physical product or statement by the distributor.
- When the refrigerator is powered on for the initial time, storing too much food may adversely affect the cooling effect of the refrigerator.
- Do not block the air outlet during food storage, which may adversely affect the cooling effect.
- If the temperature in fridge compartment is cold, please adjust the switcher to the weaker position. If the temperature in fridge compartment is not cold enough, please adjust the switcher to the strong position.

PRODUCT INSTALLATION

Install Instruction

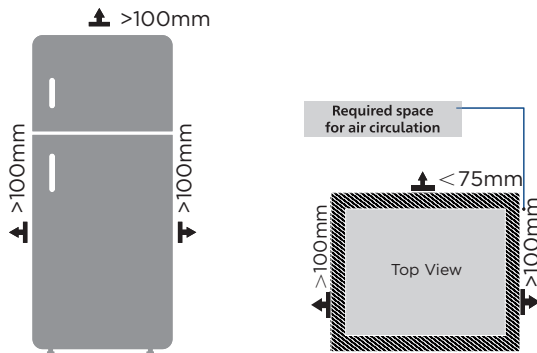
For refrigerating appliances with climate class

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

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

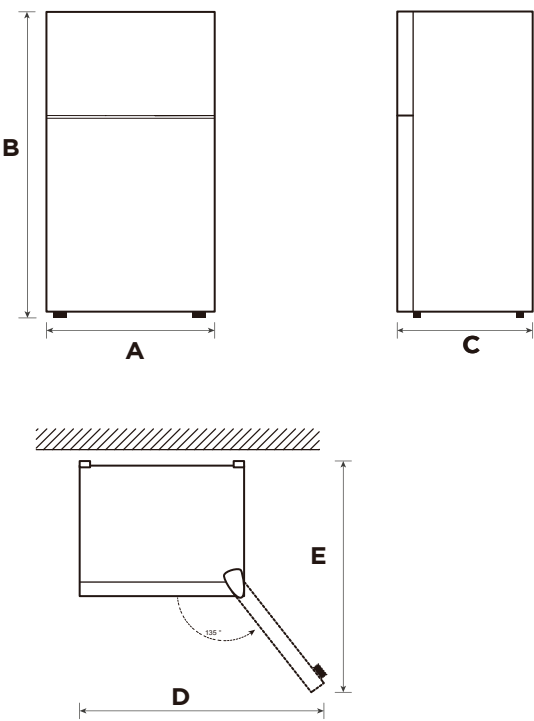
- Too small of a distance from adjacent items may result in the degradation of freezing capability and increased electricity costs. the refrigerator both sides should be placed against the wall with a free distance more than 100mm, and the refrigerator back against the wall distance not more than 75 mm.



ATTENTION

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

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



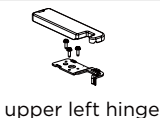
Width	Overall Height	Depth	Width doors open 135°	Depth doors open 135°
A	B	C	D	E
595	1724	695	997	1137

Notice: All dimensions in mm

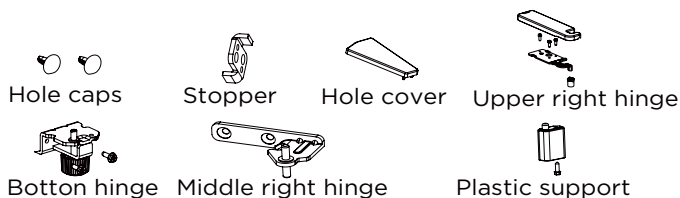
Door reversing (optional)

- Based on the location where you plan to use your refrigerator, you may find it more convenient to reverse the position of the door.
- To avoid injury to yourself or your property, we recommend that someone assist you during the door reversal process.

Parts included with the hinge kit:

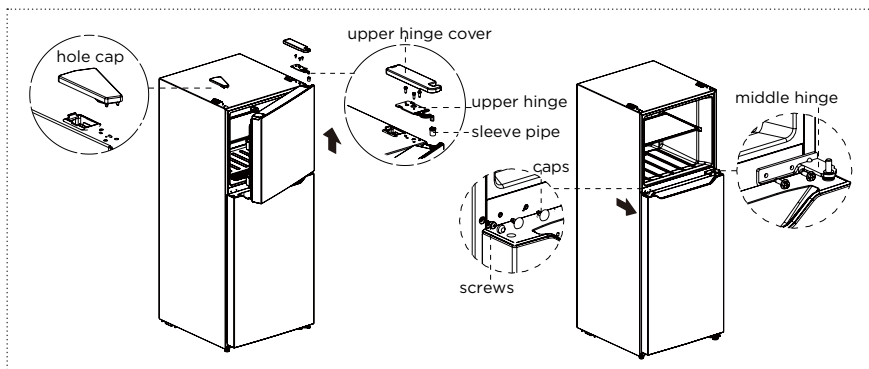


Parts already mounted on the refrigerator (as shipped):

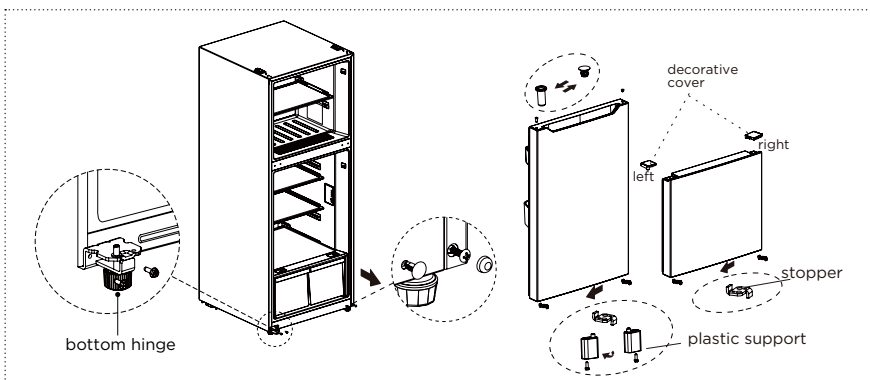


STEP:

- Please power off this appliance before conduct this operation. Remove all food from door shelves.
- 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.
- 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.

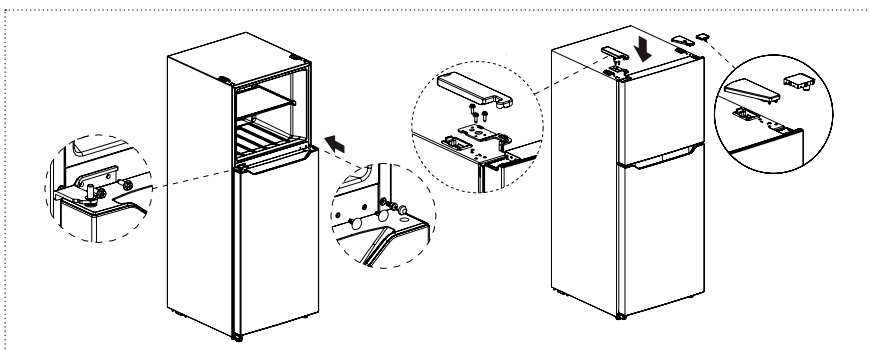


- Remove the lower hinge assembly from lower right corner and remove the hole cap, screw cap from lower left corner; Dismantle the hinge shaft and adjustable foot and install them on other side of lower hinge; then install the lower hinge assembly on lower left corner by fitting screws, and install the hole cap and screw cap on lower right corner.
- Dismantle the stoppers, sleeve pipes of both refrigerator door, freezer door and the plastic support component under the refrigerator 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.



EN

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



● ATTENTION

Differences: Due to technical changes and different models, some of the illustrations in this manual may differ from your model.

Leveling the appliance

- To avoid vibration, the appliance must be leveled.
- If required, adjust the leveling feet to compensate for the uneven floor.
- The front should be slightly higher than the rear to aid in door closing.
- Leveling feet can be turned easily by tipping the cabinet slightly.
- Turn the leveling feet counter clockwise  to raise the unit, clockwise  to lower it.

Moving the appliance

- Remove all items from the appliance.
- Pull the power plug out, insert and fix it into the power plug hook at the rear or on top of the appliance.
- Tape parts such as shelves and the door to prevent from falling off while moving the appliance.
- Move the appliance with more than two people carefully. When transporting the appliance over a long distance, keep the appliance upright.

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.

Connecting the appliance

After installing the appliance, connect the power plug into a socket outlet.

ATTENTION

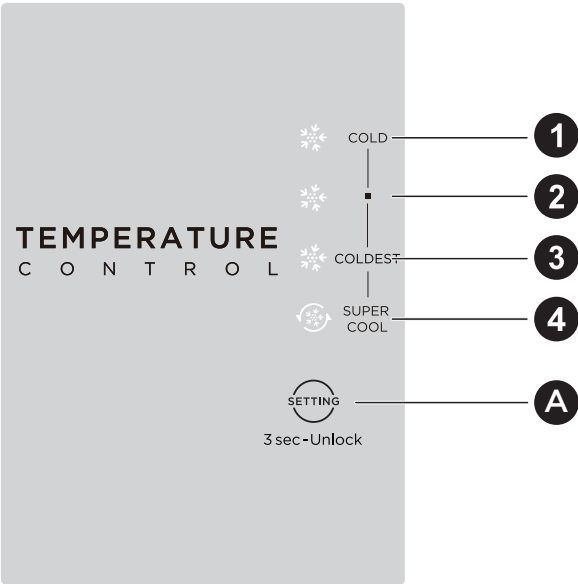
After connecting the power supply cord (or plug) to the outlet, wait 2 or 3 hours before you put food into the appliance. If you add food before the appliance has cooled completely, your food may spoil.

Tips for energy saving

- Do not place the appliance near cookers, radiators or other heat sources. If the ambient temperature is high, the compressor will run more frequently and for longer, resulting in increased energy consumption.
- Ensure that there is sufficient ventilation at the base of the appliance, on the sides of the appliance and at the back of the appliance.
- Please also observe the spacing dimensions in the chapter "Installation".
- The arrangement of drawers, shelves and trays as shown in the product overview offers the most efficient use of energy and should be retained as far as possible.
- To obtain a larger storage space (e.g. for large refrigerated/frozen goods), the middle drawers and shelves can be removed. The top and bottom drawers and shelves should be removed last if necessary.
- An evenly filled refrigerator/freezer compartment contributes to optimal energy use.
- Allow warm food to cool before placing it in the refrigerator/freezer compartment. Food that has already cooled down increases energy efficiency.
- Allow frozen food to defrost in the refrigeration compartment. The coldness of the frozen food reduces the energy consumption in the refrigerator compartment and thus increases the energy efficiency.
- Open the door only as briefly as necessary to minimise cold loss. Opening the door briefly and closing it properly reduces energy consumption.
- Setting the temperature no colder than necessary contributes to optimal energy use.
- The door gaskets of your appliance must be perfectly intact so that the doors close properly and energy consumption is not increased unnecessarily.

OPERATION INSTRUCTIONS

Control panel



	Display		Button
1	Setting 1 (COLD)	A	Temperature setting button of refrigerator compartment
2	Setting 2 (MID)		
3	Setting 3 (COLDEST)		
4	Setting 4 (SUPER COOL)		

Display

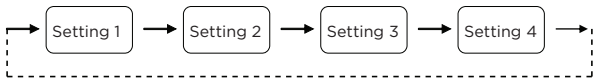
when electrify the refrigerator for first time,the display screen shines fully for 3 seconds, and then the refrigerator runs according to setting 3. In case of a failure, the corresponding LED blinks. In case of no failures, it shows the temperature setting of refrigerator.

The actual control panel may differ from model to model.

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:



Lock/Unlock

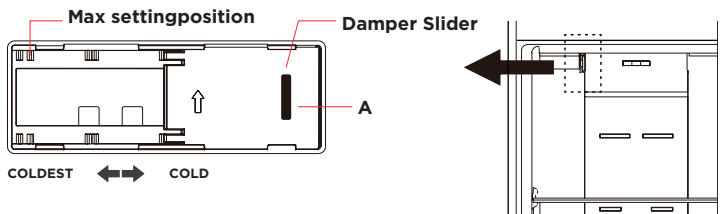
When the temperature control panel is in lock state, it needs to long press temperature setting key for 3 seconds for unlocking the panel, all LEDs will blink for 2 seconds when panel is unlocked. When the temperature control panel is in unlock state, if there is no operation on control panel within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

Fault indication

- The following warnings appearing on the display indicate corresponding faults of the refrigerator. Though the refrigerator may still have cold storage function with the following faults, the user shall contact a maintenance specialist for maintenance, so as to ensure optimized operation of the appliance.

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

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.

Tips on storing food

Freezer compartment

- The freezer compartment is designated for the low-temperature freezing of food, long-term storage of frozen food, and for the production of ice cubes.
- Pay attention to the star classifications (4 star, 2 star and 1 star) in the freezer compartment and the resulting storage periods for frozen food.
- Do not put fresh and frozen food next to each other. The frozen food may thaw.
- When freezing large amounts of fresh food (such as meat, fish or chopped meat), please divide them into several small pieces before putting in, so that they can be quickly frozen and pick up easily.
- Abide by the storage times recommended by food manufacturers on the packages, there is no information on the packaging, food should not be stored frozen for longer than three months from the date of purchase.
- When purchasing frozen food, make sure that it was frozen at a suitable temperature and that the packaging is not damaged.
- Frozen food should be kept in suitable individual packages to ensure that adjacent food cannot be contaminated. Consume thawed and defrosted foods immediately, do not refreeze them.
- In case of prolonged power failure or malfunction of the appliance, remove the stored frozen food and check whether they are still edible, then store them in a sufficiently cool place or in another appliance.
- To defrost food, remove it from the freezer and let it defrost at room temperature or in the refrigerator. To defrost food quickly, you can use the defrost function on your microwave, for example.
- If you only want to defrost part of a pack, remove the portion you need and immediately close the rest of the pack. In this way, you will avoid “freezer burn” and will reduce ice formation on the remaining foods.

Cooling compartment

- To reduce moisture and subsequent ice build-up, never put liquid into the fridge compartment in unsealed containers. Frost tends to concentrate in the coolest parts of the evaporator. Storing uncovered liquids results in a more frequent need for defrosting.
- Never put warm foods in the fridge compartment. These should first cool down at room temperature and then be placed so as to ensure adequate air circulation in the fridge compartment.
- Foods or food containers should not touch the back wall of the fridge because they could freeze to the wall. Do not keep regularly opening the door of the refrigerator.
- Meat and clean fish (packed in a package or plastic foil) can be placed in the fridge compartment, which can be used in 1–2 days.
- Fruit and vegetables without packaging can be placed in the part designated for fresh fruit and vegetables.

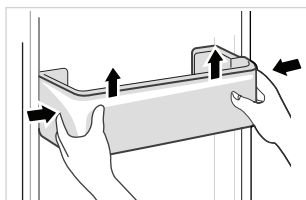
CLEANING AND MAINTENANCE

Defrosting

- The refrigerator is based on the air-cooling principle and thus has automatic defrosting function. Frost formed due to change of season or temperature can be manually removed by disconnection of the appliance from power supply or by wiping with a dry towel.

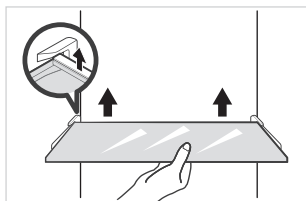
Cleaning of door tray

- According to the direction arrow in the figure, use both hands to squeeze the tray, and push it upward, then you can take it out.
- After cleaning the door tray, place the tray into the slot on the door and press down until it is in place. On some model products you can adjust its installing height.



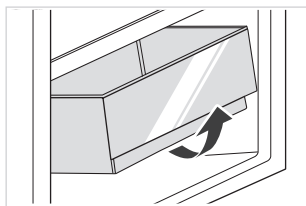
Cleaning of glass shelf

- As the innermost part of the refrigerator liner where contacting the shelves has a backstop, you shall slightly lift up the rear side of the shelf, then to take it out.
- After cleaning the glass shelf, place the shelf horizontally on the rails and push inwards until the backstop into the slot. On some model products you can adjust its installing height.



Cleaning the drawer

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

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.

Long-time nonuse:

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

Moving:

Before the refrigerator is moved, take all objects inside out, fix the glass 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°.



CAUTION

The appliance shall run continuously once it is started. Generally, the operation of the appliance shall not be interrupted; 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.

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	• Check whether the appliance is connected to power or whether the plug is in well contact
	• Check whether the voltage is too low
	• Check whether there is a power failure or partial circuits have tripped
Odor	• Odorous foods shall be tightly wrapped
	• Check whether there is any rotten food
	• Clean the inside of the refrigerator
Long-time operation of the compressor	• Long operation of the refrigerator is normal in summer
	• when the ambient temperature is high It is not suggestible having too much food in the appliance at the same time
	• Food shall get cool before being put into the appliance
	• The doors are opened too frequently
Light fails to get lit	• Check whether the refrigerator is connected to power supply and whether the illuminating light is damaged
	• Have the light replaced by a specialist
Door can not be properly closed	• The door is stuck by food packages Too much food is placed
	• The refrigerator is tilted.
Loud noises	• Check whether the floor is level and whether the refrigerator is placed stably
	• Check whether accessories are placed at proper locations

Problem	Possible reason
Door seal fails to be tight	• 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	• 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	• 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	• 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	• 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.

APPENDIX

Special for new European standard

The ordered parts in the following table can be acquired from Service provider channel

Ordered part	Provided by	Minimum time required for Provision
Thermostats	Professional maintenance personnel	At least 7 years after the last model is launched on the market
Temperature sensors	Professional maintenance personnel	At least 7 years after the last model is launched on the market
Printed circuit boards	Professional maintenance personnel	At least 7 years after the last model is launched on the market
Light sources	Professional maintenance personnel	At least 7 years after the last model is launched on the market
Door handles	Professional repairers and final users	At least 7 years after the last model is launched on the market
Door hinges	Professional repairers and final users	At least 7 years after the last model is launched on the market
Trays	Professional repairers and final users	At least 7 years after the last model is launched on the market
Baskets	Professional repairers and final users	At least 7 years after the last model is launched on the market
Door gaskets	Professional repairers and final users	At least 10 years after the last model is launched on the market

Dear customer

1. If you want to return or replace the product, please contact the store where you buy.

(Remember to bring the purchase invoice)

2. If your product breaks down which needs to repair, please contact after-sales service provider.



make yourself at home



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