

**Upright Freezer**  
**SINGLE DOOR SERIES**

# **USER MANUAL**

**MRU21F5BWW**  
**MRU21F5BST**

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

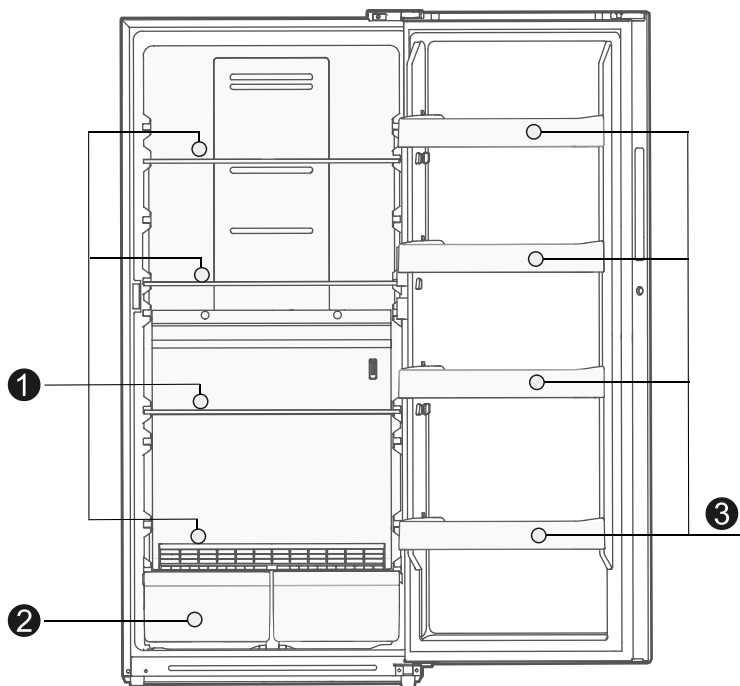
Thank you for choosing Midea! Before using your new Midea product, please read this manual thoroughly to ensure that you know how to operate the features and functions that your new appliance offers in a safe way.

# CONTENTS

THANK YOU LETTER .....	03
PRODUCT OVERVIEW.....	04
PRODUCT INSTALLATION .....	05
OPERATION INSTRUCTIONS .....	12
CLEANING AND MAINTENANCE.....	15
TROUBLESHOOTING .....	17

# PRODUCT OVERVIEW

## Names of components



- 1 Shelf
- 2 Drawer

- 3 Door tray

### ATTENTION

This model can be optionally equipped with a lock configuration. If you choose this configuration, please keep the lock key safe to avoid loss.

# PRODUCT INSTALLATION

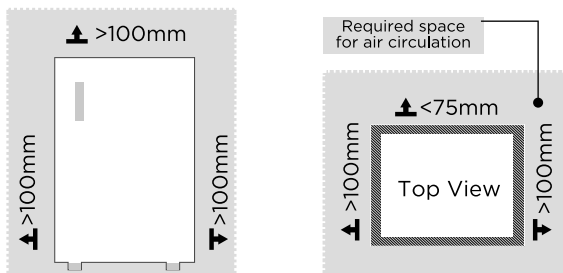
## Install Instruction

### Finding a suitable location

- This refrigerator is designed to be free standing only, and should not be recessed or built-in.
- The refrigerator should be placed in a well-ventilated indoor place; the ground shall be flat and sturdy.
- Keep away from heat and avoid direct sunlight. Do not place the refrigerator in moist or watery places to prevent rust or reduction of insulating effect.

### 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 75mm.



### Providing a proper power supply

- Check your local power source. This refrigerator requires a 115 V, 60 Hz power supply.
- Use a receptacle that accepts the grounding prong. The power cord is equipped with a 3-prong (grounding) plug which mates with a standard 3-prong (grounding) wall outlet to minimize the possibility of electric shock hazard from this refrigerator.



## CAUTION

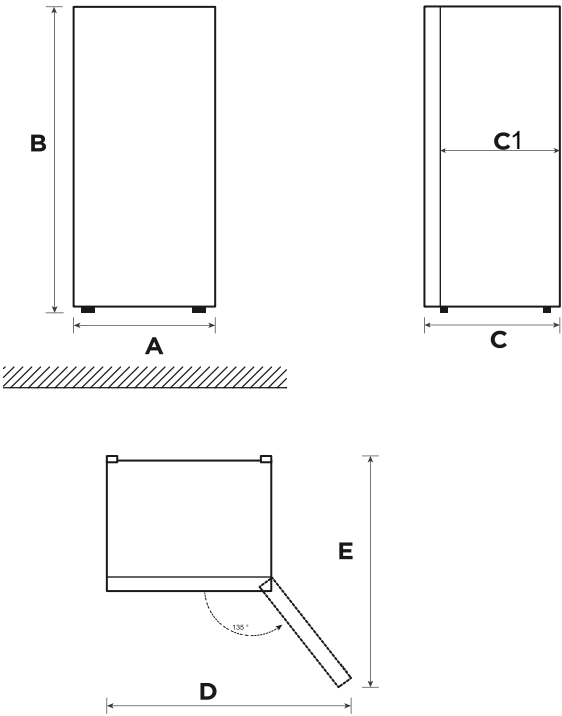
The freezer should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating plate.

Never unplug your freezer by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet.

## Start to use

- The freezer shall stay for half an hour before connecting power when it is firstly started.
- The freezer shall run 2 to 3 hours before loading fresh or frozen foods; the freezer shall run for more than 4 hours in summer in advance considering that the ambient temperature is high.

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



Width	Overall Height	Depth	Depth Only Cabinet	Width doors open 135°	Depth doors open 135°
A	B	C	C1	D	E
755	1692	830	734	1275	1395

Notice: All dimensions in mm

## Door reversal (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

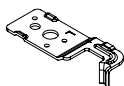
CAUTION: To avoid injury to yourself or your property, we recommend that someone assist you during the door reversal process.

Preparing to reverse the door position

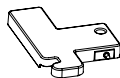
You will need: A standard screwdriver, a Phillips screwdriver.

- 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.

### Parts included with the hinge kit:



Left top hinge

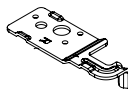


Left top hinge cover

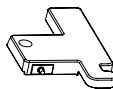
### Parts already mounted on the door (as shipped):



Bottom hinge



Right top hinge



Right top hinge cover



Hole cover



Stop block

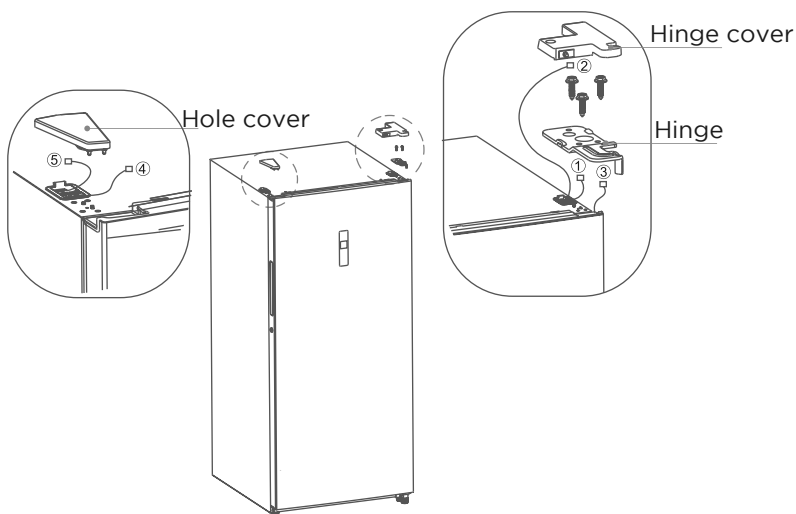
### Step

1. Unplug your refrigerator and remove all food from the refrigerator.
2. Dismantle the upper hinge cover, screws and upper hinge, and remove the hole cover from the other side. Unplug the wiring connector on the right side of refrigerator top.

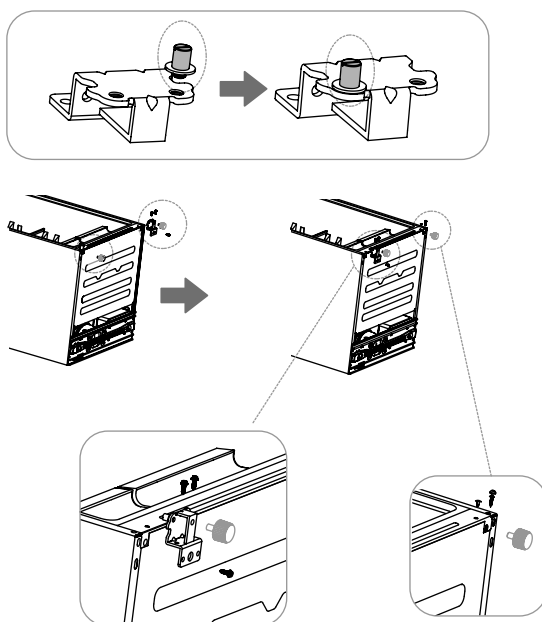


### ATTENTION

- Images shows a refrigerator that opens to the right. Your refrigerator may be a refrigerator that opens to the left.
- If you need to change the door left and right, please contact professional after-sales personnel.

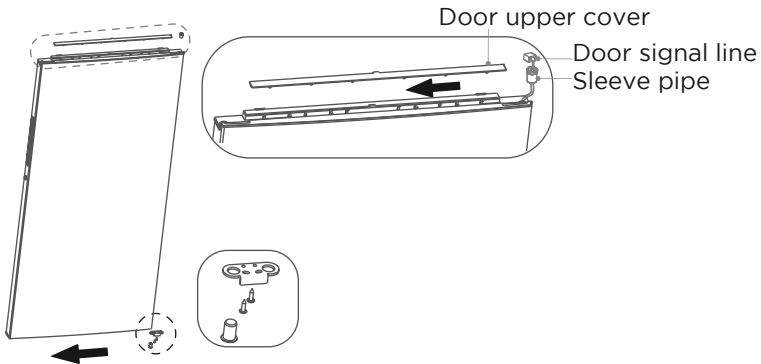


3. Remove the door, set it aside, then lay the back of the refrigerator on the ground and remove the right bottom hinge assembly and adjustable feet. Pry off the insert pin, screw cap and adjustable feet on the left side and remove the screw, then install them on the other side of the refrigerator. Use a flathead screwdriver to replace the hinge shaft of the bottom hinge assembly to the other side of the bottom hinge assembly, and then assemble the entire hinge assembly on the other side of the refrigerator. Swap the adjustable feet on the left and right sides.

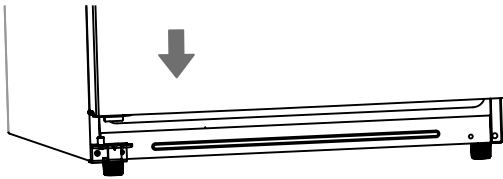




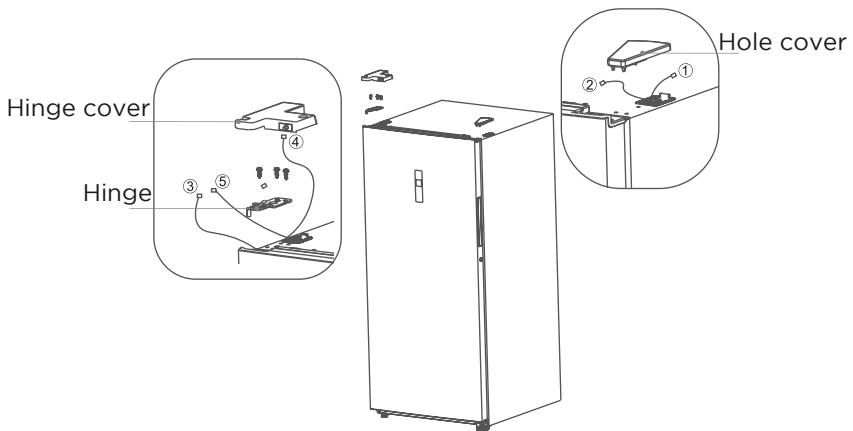
4. Place the door horizontally, remove the stop block and shaft sleeve and install them on the other side of the door body.



5. Lift the refrigerator and place the door onto the hinge pin of the bottom hinge.



6. Take out the left top hinge, left top hinge cover from accessories package. Connect signal line terminal ③ with signal line terminal ⑤, connect signal line terminal ④ to the door switch.
7. Mount left top hinge, left top hinge cover and hole cover.



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



## 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.

### ATTENTION

Precautions before operation:

Before making changes the refrigerator must be disconnected from power.

Precautions should be taken to prevent any personal injury.

## 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

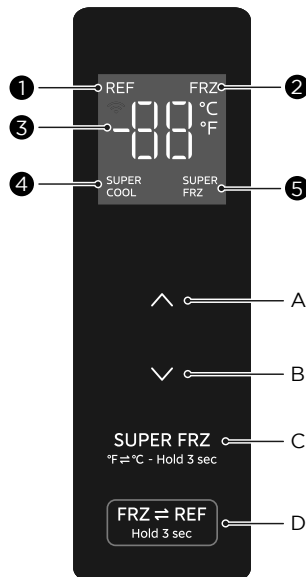
After connecting the power supply cord (or plug) to the outlet, wait 2 or 3 hours before you put food into the appliance. If you add food before the appliance has cooled completely, your food may spoil.

## 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. Never cover ventilation openings.
- Please also observe the spacing dimensions in the chapter "Installation".
- The arrangement of drawers, shelves and racks as shown in the illustration offers the most efficient use of energy and should therefore be retained as far as possible. All drawers and shelves should remain in the appliance to keep the temperature stable and save energy.
- To obtain a larger storage space (e.g. for large refrigerated/frozen goods), the middle drawers 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. Therefore, avoid empty or half-empty compartments.
- Allow warm food to cool before placing it in the refrigerator/freezer. Food that has already cooled down increases energy efficiency.
- Allow frozen food to defrost in the refrigerator. 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.
- The door seals 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	Fridge icon	A	Temperature up
2	Freezer icon	B	Temperature down
3	Temperature display	C	Super cooling / Super freezing
4	Super cooling icon	D	Fridge/Freezer switch
5	Super freezing icon		

**Display**

All temperature icons shine within 3 seconds after power on, for power on at the first time, the default set temperature is -20°C.

### ATTENTION

The actual control panel may differ from model to model.

## Operating instructions

### Fridge/Freezer conversion

- Press the button  $\overset{\text{REF}}{\underset{\text{HOLD 3SEC}}{\rightleftharpoons}} \text{FRZ}$  for 3 seconds to achieve Fridge/Freezer conversion, the corresponding temperature REF / FRZ icons shine.

## Temperature settings

- Press the temperature up button  $\wedge$  can adjust the temperature, each click of the temperature up button  $\wedge$ , the set temperature will be rised 1°C; Press the temperature down button  $\vee$  can adjust the temperature, each click of the temperature down button  $\vee$ , the set temperature will be reduced 1°C; The temperature setting range of refrigerating chamber is 2-8°C (freezing chamber is -12~-24°C). When the temperature is adjusted to the boundary value, the refrigerator will sound an alarm if the temperature up button  $\wedge$  or the temperature up button  $\wedge$  still have been pressed.

## Super cooling mode

- Press the  $\vee$  button after the temperature of the refrigeration room is adjusted to 2°C or press the button  $\overset{\text{SUPER FRZ}}{\text{TEMP}} \text{Hold 3 sec}$  to enter the super cooling mode. In the super cooling mode, the temperature of the refrigerating chamber is automatically set to 2°C.
- Press the button  $\overset{\text{SUPER FRZ}}{\text{TEMP}} \text{Hold 3 sec}$  to exit the super cooling mode or automatically exit the super cooling mode after 6h. After exiting the super cooling mode, the temperature of the refrigerator will automatically return to the temperature set before the super cooling mode.

## Super freezing mode

- Press the  $\vee$  button after the temperature of the freezing chamber is adjusted to -24°C or press the button  $\overset{\text{SUPER FRZ}}{\text{TEMP}} \text{Hold 3 sec}$  to enter the super freezing mode. In the super freezing mode, the temperature of the freezing chamber is automatically set to -24°C.
- Press the button  $\overset{\text{SUPER FRZ}}{\text{TEMP}} \text{Hold 3 sec}$  to exit the super freezing mode or automatically exit the super freezing mode after 40h. After exiting the super freezing mode, the freezing chamber temperature will automatically return to the temperature set before the super freezing mode.
- It is suggested to turn on super freeze mode for 12 hours before placing large amount of frozen food in freezer compartment at one time.

## Opening alarm control

- If the door keeps unclosed for 120 seconds, three alarms beeps will sound, thereafter the alarm beeps will increase by one every one minute. Close the door or press any button to cancel this alarm beep.

## Fault indication

- When the error occurs, the display panel shows the error code. Otherwise, the display panel shows the set temperature.
- The display panel will light up in case of error with "visible error code", then the display panel will go out after 30 seconds.

Fault Code	Fault Description
E1	Refrigerating temperature sensor fault
E2	Freezing temperature sensor fault
E5	Defrost sensor fault
E6	Communication fault
E7	Ambient temperature sensor fault

## Tips on storing food

### Cooling compartment

- To reduce moisture and subsequent ice build-up, never put liquid into the refrigerator 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 refrigerator. These should first cool down at room temperature and then be placed so as to ensure adequate air circulation in the refrigerator.
- Foods or food containers should not touch the back wall of the refrigerator 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 refrigerator, 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.

### ATTENTION

The optimal temperature setting of each compartment depends on the ambient temperature. Above optimal temperature is based on the ambient temperature of 25 °C.

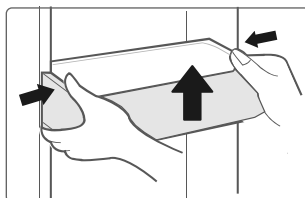
# CLEANING AND MAINTENANCE

## Defrosting

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

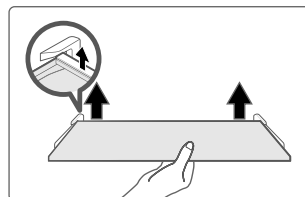
## Cleaning of door tray

- According to the direction arrow in the figure 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.



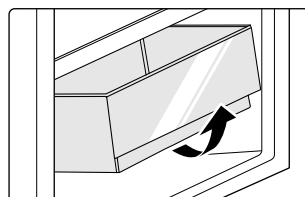
## Cleaning of glass shelf

- 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

- 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, Isoamyl acetate, etc.), boiling water, acid or alkaline items clean refrigerator considering that this may damage the fridge surface and interior.

## Stop using

### Power failure:

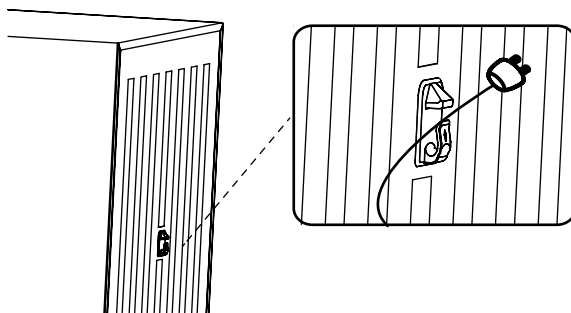
- In case of power failure, even if it is in summer, foods inside the appliance can be kept for several hours; during the power failure, the times of door opening shall be reduced, and no more fresh food shall be put into the appliance.

### 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°.
- When the refrigerator is not connected to electricity, the power cord hook is used to hang the power cord.



### ● ATTENTION

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	<ul style="list-style-type: none"> <li>Remove foreign matters on the door seal.</li> </ul>
	<ul style="list-style-type: none"> <li>Heat the door seal and then cool it for restoration (or blow it with an electrical drier or use a hot towel for heating).</li> </ul>
Water pan overflows	<ul style="list-style-type: none"> <li>There is too much food in the chamber or food stored contains too much water, resulting in heavy defrosting.</li> </ul>
	<ul style="list-style-type: none"> <li>The doors are not closed properly, resulting in frosting due to entry of air and increased water due to defrosting.</li> </ul>
Hot housing	<ul style="list-style-type: none"> <li>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.</li> </ul>
Surface condensation	<ul style="list-style-type: none"> <li>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.</li> </ul>
Abnormal noise	<ul style="list-style-type: none"> <li>Buzz: The compressor may produce buzzes during operation, and the buzzes are loud particularly upon start or stop. This is normal.</li> </ul>
	<ul style="list-style-type: none"> <li>Creak: Refrigerant flowing inside of the appliance may produce creak, which is normal.</li> </ul>





*make yourself at home*



[www.midea.com](http://www.midea.com)

© Midea 2022 all rights reserved