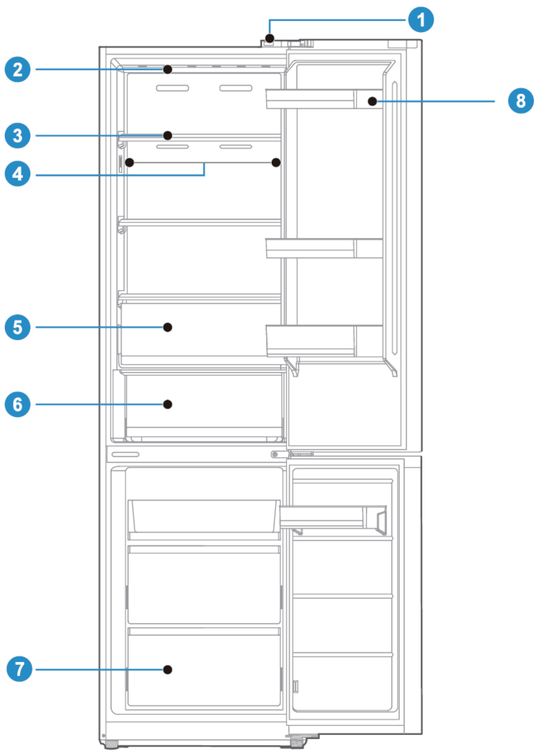
Product Overview

Product Introduction



1	Door switch	**2**	LED light
3	Shelf	**4**	LED light (for some models)
5	Fruits and vegetables box	**6**	Meat &fish box
7	Drawer	**8**	Door Tray

- For the most efficient use of energy, please keep the all internal items such as trays, drawers, shelves and ice cube box on the position supplied by manufacturer.
- This refrigerating appliance needs to be installed independently and cannot be used as a built-in. Otherwise, it will cause problems such the performance and life of the appliance are reduced. And the manufacturer does not provide basic appliance warrant.

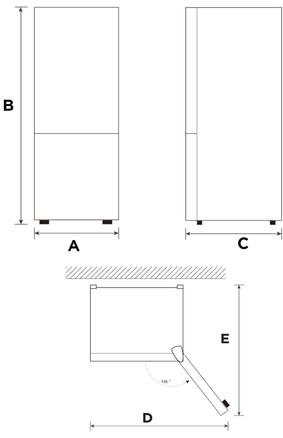
• | Attention

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

Product Installation

Space requirement diagram

Keep the air circulation free around the cabinet. When installing the unit, ensure 10cm of free space at both sides, 10cm at the top of the unit, and not more than 7.5cm at the rear of the unit.



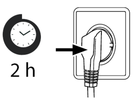
A	B	C	D	E
595	2010	700	920	1250

Notice: All dimensions in mm

Connecting the appliance

After installing the product, please let it stay for more than 2 hours before turning on the power, otherwise it will lead to a decrease in cooling capacity or a damage to the product.

Allow the appliance to run empty for 24 hours so the compartment can cool to the appropriate temperature.



• | CAUTION

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

When positioning the appliance, ensure the supply cord is not trapped or damaged.

Ambient Temperature

Depending on the climate class, this refrigerator is intended to be used at an ambient temperature range as specified in the 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.

Climate Class	Ambient Temperature
SN	+10 °C to +32 °C
N	+16 °C to +32 °C
ST	+16 °C to +38 °C
T	+16 °C to +43 °C

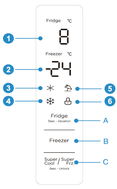
If you have any doubts regarding installation, please turn to the vendor, to our customer service or to the nearest Authorised Service Centre.

• | Tips

The cooling performance and power consumption of the refrigerator may be affected by the ambient temperature, the door-opening frequency, and the location of the refrigerator. We recommend adjusting the temperature settings as appropriate.

Product Operation

Control panel



Display

1	Refrigerating chamber temperature display area
2	Freezing chamber temperature display area
3	Quick cool icon
4	Quick freeze icon
5	Vacation icon
6	Lock icon

Button

A	Temperature setting button of refrigerating chamber
B	Temperature setting button of freezing chamber
C	Super cool/super freezing button

• | Attention

The actual control panel may differ from model to model.

Operation Instruction

a| Display

When power on the refrigerator for the 1st time, the whole display panel will shine for 3 seconds. Then the display panel enters the normal display. The first time for using the refrigerator,the default set temperatures of refrigerating chamber, freezing chamber is 5°C/ -18°C respectively.

When the error occurs, the display panel shows the error code (see next page); during normal running, the display panel shows the set temperature of refrigerating chamber, freezing chamber.

Under normal running, if there is no operation or opening door action within 30s, the display panel will be locked,the light of display panel will go out after the locked state "🔒" continued for 30s.

b| Lock /unlock

In the non-locking state, press and hold the super-cool /super-freezer button for 3 seconds to enter the locked state and the lock buzzer will sound.

In the locked state, press and hold the super-cool /super-freezer button for 3 seconds to enter the unlocked state and the unlocking buzzer will sound.

After 30 seconds of no button operation, it will automatically enter the locked state, and the external display board with a music buzzer will sound the lock buzzer at the same time.

The alarm sound release operation can be carried out in the locked state, and all other key operations must be carried out in the unlocked state.

If the operation is in the locked state, an error buzzer will be displayed.

c| Setting the temperature

Refrigerator compartment

Click the button **"Fridge"** change the set temperature of refrigerating chamber, each click of temperature adjusting button of the refrigerating chamber, the set temperature will be reduced 1° C.

The temperature setting range of refrigerating chamber is 2-8 °C.

Freezer compartment

Click the button **"Freezer"** to change the set temperature of freezing chamber, each click of temperature adjusting button of the freezing chamber, the set temperature will be reduced1°C.

The temperature setting range for freezing chamber is -24 - -16°C. When the temperature is -24 °C, click the button again, the set temperature of freezing chamber will switch to -16 °C.

d| Mode setting

Long press the **"Fridge"** button (3s) to set/cancel the holiday mode When setting the holiday mode, the refrigeration is turned off, the refrigeration temperature display area is extinguished, and the freezing is automatically set to -18°C;

Adjusting the refrigeration/freezing/ cool and freezer buttons will exit the holiday mode.

When exiting the holiday mode, the refrigeration set temperature will automatically return to the set temperature before the holiday mode; the freezing set temperature will automatically return to t he set temperature before the holiday mode; enter the normal operation mode.

e| Super freeze mode

Super cool and super freezer mode

press the super cool/super freezer button, the setting sequence is: super cool-> super freezer-> cancel

When setting/canceling the super cool mode, the corresponding super cool icon is on/off;

when setting the super cool mode, the refrigeration is automatically set to 2°C;

When exiting the super-cool mode, the set temperature of the refrigerating room will automatically return to the set temperature before the quick-cooling mode;

When the super-freezer mode is set, the corresponding super-freezer icon is lit; when the super-freezer mode is set, the freezing is automatically set to -24°C;

When exiting the super-freezer mode, the set temperature of the freezer compartment will automatically return to the set temperature before the super-freezer mode;

• | Attention

Super cool mode automatically disabled for 6h.
Super freezer mode automatically disabled for 24h.
Recommended setting: fridge chamber 4°C , freezing chamber -18°C.

Note: The super-freezer function is designed to maintain the nutritional value of the food in the freezer. It can freeze the food in the shortest time. If a large amount of food is frozen at one time, it is recommended that the user turn on the quick-freezing function and put the food in. At this time, the freezing speed of the freezer compartment is increased, which can quickly freeze the food, effectively lock the nutrition of the food, and facilitate storage.

f| Opening warning and alarm control

If the refrigerator door is open for 120 seconds without closing, the buzzer will alarm until the refrigerator door is closed; any key will cancel the buzzer alarm.

g| Fault indication

The following warnings appearing on the display indicate corresponding faults of the refrigerator.

Though the refrigerator may still have cooling a 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
E1	Temperature sensor failure of refrigerating chamber
E2	Temperature sensor failure of freezing chamber
E3	Temperature sensor failure of meat & fish zone
E5	Freezing defrost sensor detection circuit error
E6	Communication error
E7	Ambient temperature sensor error

h| 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.

• | Attention

This product contains a light source of energy efficiency class (G).

Maintenance Tips

Overall cleaning

- Disconnect the appliance from the electrical supply before undertaking any routine maintenance. Allow at least 5 minutes before restarting the appliance, as frequent starting may damage the compressor.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not try to repair, disassemble or modify the appliance by yourself. In case of repair please contact our customer service.
- Eliminate the dust on the back of the unit at least once in the year to avoid hazard by fire, as well as increased energy consumption.
- Check the door gasket regularly to make sure there are no debris. Clean the door gasket with a soft cloth dampened with soapy water or diluted detergent.
- The interior of the product should be cleaned regularly to avoid odor.
- Use a soft cloth or sponge to clean the inside of the product, with two tablespoons of baking soda and a quart of warm water. Then rinse with water and wipe clean. After cleaning, open the door and let it dry naturally before turning on the power.
- For areas that are difficult to clean in the product (such as narrow sandwiches, gaps or corners), it is recommended to wipe them regularly with a soft rag, soft brush, etc. and when necessary, combined with some auxiliary tools (such as thin sticks) to ensure no contaminants or bacterials accumulation in these areas.
- Wipe the outer surface of the product with a soft cloth dampened with soapy water, detergent, etc., and then wipe dry.
- 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, which may damage the fridge surface and interior. Boiling water and organic solvents such as benzene may deform or damage plastic parts.
- Do not rinse directly with water or other liquids during cleaning to avoid short circuits or affect electrical insulation after immersion.

• | Notes:

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

Defrosting

Although this appliance automatically defrosts, a layer of frost may occur on the freezer compartment's interior walls if the freezer door is opened frequently or kept open too long. If the frost is too thick, choose a time when the supply of food stocks are low and proceed as follows:

1. Remove existing food and accessories baskets, unplug the appliance from the mains power and leave the doors open. Ventilate the room thoroughly to accelerate the thawing process.
2. When defrosting is completed, clean your freezer as described above.

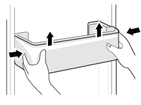
• | CAUTION!

Don't use sharp objects to remove frost from the freezer. Only after the interior completely dry should the appliance be switched back on and plugged back into the mains socket

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.

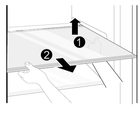
After washing the tray having been taken out, you can adjust its installing height in accordance with your requirement.



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.

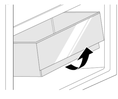
Adjust or clean the shelves according to your requirement.



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.



• | Notes:

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

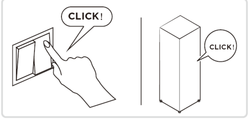
Troubleshooting

You may try to solve the following simple problems by yourself. If them cannot be solved, please contact the after-sales department.

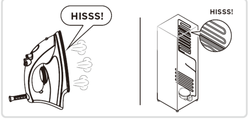
Failed operation	• Check whether the appliance is connected to power or whether the plug is in well contact • Check whether the voltage is too low • Check whether there is a power failure or partial circuits have tripped
Odor	• Odorous foods shall be tightly wrapped • Check whether there is any rotten 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 tiltedr.
Loud noises	• Check whether the floor is level and whether the refrigerator is placed stably • Check whether accessories are placed at proper locations
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.

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

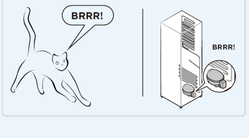
CLICK: Some electrical parts in the refrigerator, such as electric valve will make this noise when working. This is normal.



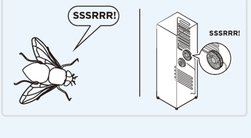
HISSS: When the refrigerant flows into the evaporator, it will make this noise. This is normal.



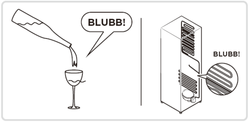
BRRR: The compressor will make this noise when working, and the buzzes are loud particularly upon start or stop. This is normal.



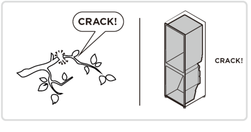
SSSRRR: The fan motor in the No frost refrigerator will make this noise when working. This is normal.



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.



Tips & Tricks

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.

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.

Refrigerator compartment

The Refrigerator compartment is the ideal storage location for ready meals, cakes and pastries, preserved food, condensed milk, milk, cheese, spreads, sauces, dips and eggs.

The freshness at point of purchase is important for the shelf-life of your food. In principle, the fresher the produce when placed in the crisper drawers, the longer it stays fresh. Therefore, when buying food, always pay attention to the degree of freshness.

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.

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.

- **Notes:**

Storage of too much food during operation after the initial connection to power may adversely affect the freezing effect of the refrigerator.

Storage times and temperature

Note: Overlong storage or storage at inappropriate freezing temperature may cause a quality loss or spoiled foods, which causes food waste, is inedible and may cause food poisoning. The minimum temperature in most cases should be -18°C or colder. Follow the maximum recommended storage times below:

- Stew, ice cream, sausages, bread: 2-6 months.
- Fish, shrimp, lamb, meat: 4-8 months.
- Vegetables, fruits, poultry, beef: 6-12 months.

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"**.

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.

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.

Doors Reversal

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

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

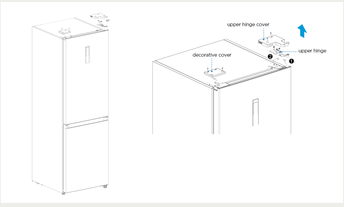
Preparing to reverse the door position

- 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.

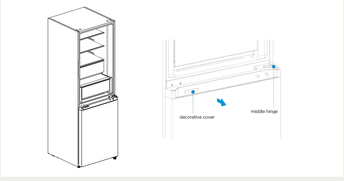
Steps:

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

2. Remove the upper left hinge cover decorative cover, upper right hinge cover and upper right hinge, and disconnect the right signal line (signal line terminal 1, 2) at the top of the box body.



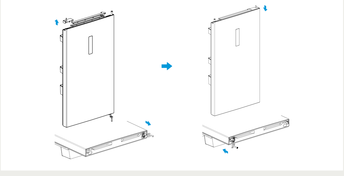
3. Remove the refrigerated door body (be careful not to lose small parts such as the shaft sleeve and stop on the door);
Remove the middle hinge and remove the decorative cover of hinge hole on the other side.



4. Remove the freezing door body (be careful not to lose small parts such as the shaft sleeve and stop on the door);
Remove the hinge and adjust the angle. Remove and install the lower hinge shaft to the other side of the hinge, and install the modified lower hinge to the other side of the box.

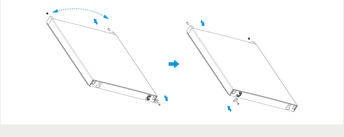
5. Change the refrigerator door

1. Remove the cover plate of the upper end cover of the refrigeration door and the left decorative cover. Install the upper shaft sleeve and the signal line of the door body to the other side and cover the upper end cover plate. Take out the right decorative cover from the accessory bag and install it to the other side of the upper end cover.
2. Remove the door self-locking, door stop and shaft sleeve of the refrigeration door, take out the left door self-locking from the accessory bag, install it on the left side of the lower end cover of the refrigeration door, change the door stop and shaft sleeve to the left side of the lower end cover of the refrigeration door.

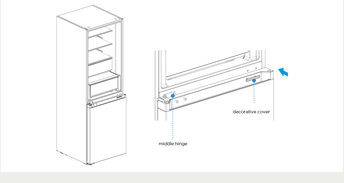


6. Change the freezing door:

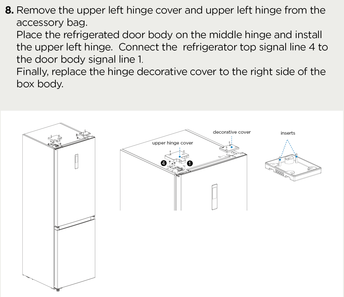
1. Remove the shaft sleeve and cap of the upper end cover of the freezing door and install them at the left and right swap positions.
2. Remove the door self-locking, door stop and shaft sleeve of the freezing door, take out the left door self-locking from the accessory bag, install it on the left side of the lower end cover of the freezing door, change the door stop and shaft sleeve to the left side of the lower end cover of the freezing door.



7. Install the replaced freezing door on the lower hinge, then install the middle hinge and cover the hinge hole decorative cover.



8. Remove the upper left hinge cover and upper left hinge from the accessory bag.
Place the refrigerated door body on the middle hinge and install the upper left hinge. Connect the refrigerator top signal line 4 to the door body signal line 1.
Finally, replace the hinge decorative cover to the right side of the box body.



NOTE

When replacing the hinge decorative cover to the right side of the box body, the two inserts on the hinge decorative cover (as shown in the figure) shall be cut off.

Statement of compliance for UK PSTI

We Hefei Hualing Co., Ltd.

hereby declare for below product that we meet mandatory below requirements and standards.

Brand:	**Midea**
Product Name:	**Refrigerator-Freezer**
Product Model/type:	**MDRB521MIC46 / MDRB521MIC01 / MDRS619FIE46 / MDRF632FIE46 / MDRF692FIC46 / MDRS791MIC46**
Batch/serial no.:	**See the serial no. in the machine**
Support period with end date Period:	**5 years** End date: **31st December 2028**

The product meets the following requirements of PSTI Schedule 1 or Schedule2:

Clause	Clause Requirements/Standards in PSTI we met
Passwords	☐ 1(1) to (4) of Schedule 1 ☑ 1(1) of Schedule 1 and 5.1-1&5.1-2 of ETSI EN 303645 v2.1.1(2020-06)
Information on how to report security issues	☐ 2(1) to (3) of Schedule 1 ☑ 2(1) of Schedule 1 and 5.2-1 of ETSI EN 303645 v2.1.1(2020-06) ☐ 2(1) and 2(3) of Schedule 1 and paragraph 6.2.2&6.2.5&6.5 of ISO/IEC 29147:2018(2018-10) &2(4) of Schedule 2
Information on minimum security update periods	☐ 3(1) to (6) of Schedule 1 ☑ 3(1)&3(3)&3(5)&3(6) of Schedule 1 and 3(3) to (4) of Schedule 2: 5.3-13 of ETSI EN 303645 v2.1.1(2020-06)

To which this Statement of compliance is presented, meeting the relevant requirements of 2023 No. 1007 The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023, Schedule 2 Conditions for Deemed Compliance with Security Requirements based on the test reports and technical documents.

Signed for and on behalf of:	Hefei Hualing Co., Ltd.
Address:	No.176 JinXiu Road, Hefei Economy & Technology Development Area, 230601, Hefei, Anhui, P.R. China
Name:	Teng Jianwen
Signature:	
Function:	QA Director
Date of issue:	15th April 2024
Place of issue:	Hefei, Anhui, People's Republic of China