

Refrigerator
BOTTOM MOUNTED FREEZER SERIES

USER MANUAL

MDRB424FGE

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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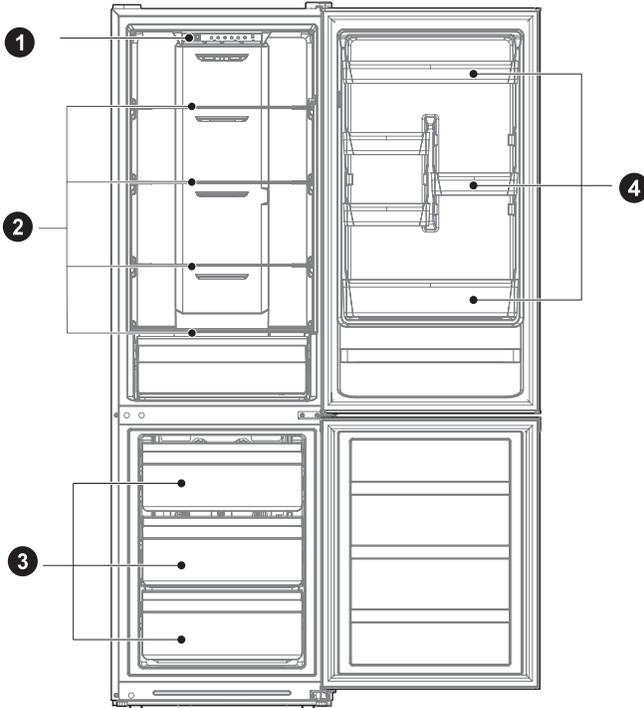
SPECIFICATIONS

Product model	MDRB424FGE
Fresh Food Storage Compartment Volume	224L
Frozen Food Storage Volume	86L
Defrosting Type	Auto-defrost
Temperature Rise Time	8h
Freezing Capacity	3.9kg/24h
Rated Voltage/Frequency	220-240V~/50Hz
Rated Current	0.8A
Overall Dimension (H x W x D)	1880x595x630mm

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PRODUCT OVERVIEW

Names of components



1 LED lighting

2 Shelf

3 Drawer

4 Door tray

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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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.

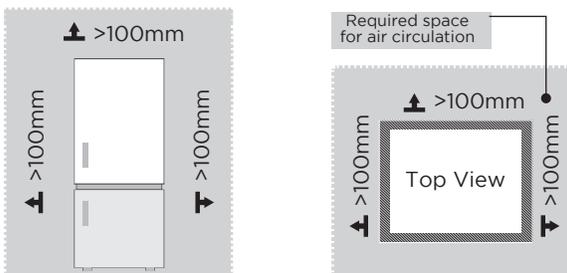
Effective temperature range

- 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

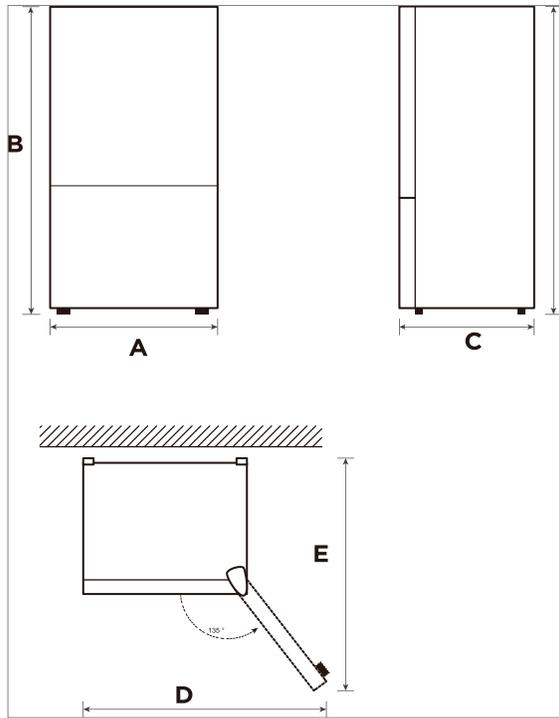
- Too small of a distance from adjacent items may result in the degradation of freezing capability and increased electricity costs. Allow over 100 mm of clearance from each adjacent wall when installing the appliance.



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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	1880	630	988	1074

Notice: All dimensions in mm

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:



Step

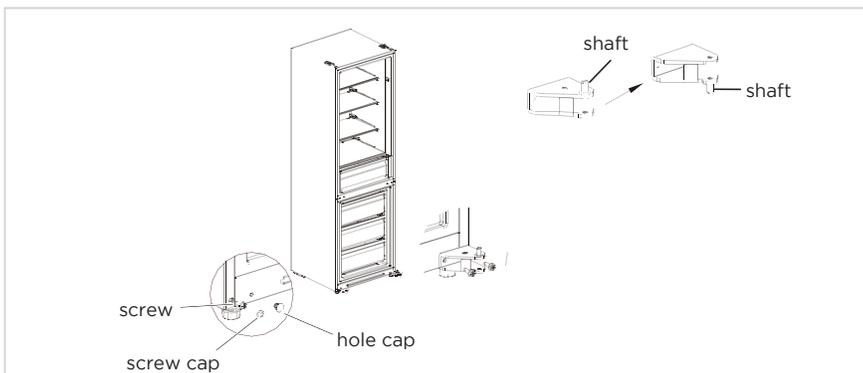
1. Power off the refrigerator, and remove all objects from the door trays.
2. Dismantle upper hinge cover, disconnect the signal wires, upper hinge and hole cap of the other side, remove the refrigerating door.



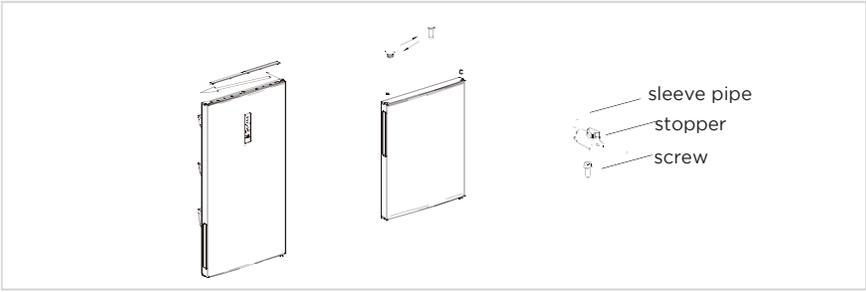
3. Dismantle the middle hinge, the screws, the screws hole caps and remove the freezer door.



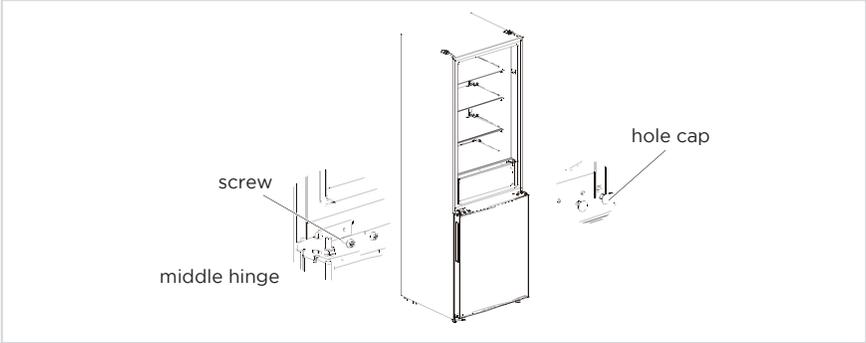
4. Dismantle the bottom hinge, hole caps and screws, Install the bottom hinge shaft on other side of the bottom hinge, then install the hinge on the other side.



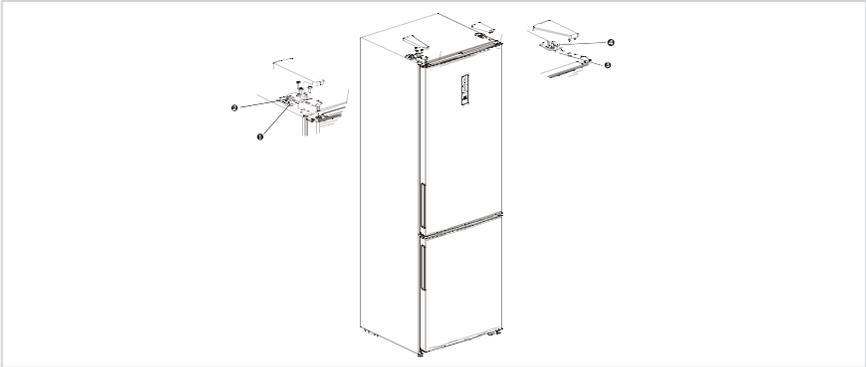
5. Dismantle the screws, sleeve pipe and stopper on the lower end cover of the two door bodies, and install them successively on the other side of the door bodies (the stopper needs to be replaced from the additional bag). Then remove the upper end cover of the cooler door and switch the wire harness with a sleeve pipe to the other side of the door body. Finally install the sleeve pipe of the upper hinge on the cooler door in the hole on the other side of upper end cover of the cooler door.



6. Put the freezer door on bottom hinge , install the middle hinge, the screws and the screw hole caps.



7. Place the door body for the refrigerator compartment on the middle hinge, then install the upper hinge to the other side of the cabinet, finally connect the terminals 1, 2 for the signal wires at the side of the upper hinge and terminals 3, 4 on the other side and cover the hinge cover and hole cover.



ATTENTION

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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).

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:

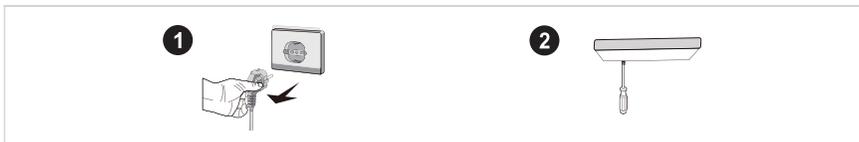
Before making changes the refrigerator must be disconnected from power. precautions should be taken to prevent any personal injury.

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. This product contains a light source of energy efficiency class <F>.

Step

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



- Take down the lamp panel.
- Remove the connection terminal.



Connecting the appliance

Before initial start, keep the refrigerator still for half an 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.

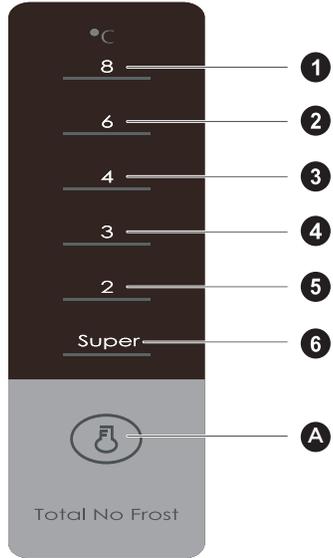
Tips for energy saving

- 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

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Control panel



ATTENTION

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

Key	
A	Temperature setting button

Display screen	
1	temperature setting 1
2	temperature setting 2
3	temperature setting 3
4	temperature setting 4
5	temperature setting 5
6	temperature setting 6

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.

Operating instructions

Gear setting

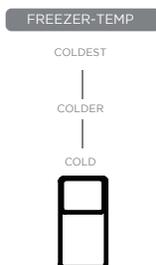
- The temperature setting will be changed once every time when you press the key SET. Then, the refrigerator will run under the new setting value after 15s.
Setting 1 → Setting 2 → Setting 3 → Setting 4 → Setting 5 → Setting 6 → Setting 1 →

Fast cool mode:

- Enter: Circulating modulation rapid cooling mode.
- Operate: Indicator of rapid cooling lights up, and the refrigerator operates at 2°C.
- Fast cool mode automatically disabled for 24H.
- Fast cool function can be used as Super freezing function.

Adjustment of manual air damper knob

- Turn the air damper slider up, the actual temperature inside the freezer room will drop, turn the air damper slider down, the actual temperature inside the freezer room will rise.



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
The LED 1 and LED 2 lit	Refrigerator temperature sensor circuit
The LED 1 and LED 3 lit	Freezer defrost sensor
The LED 1 and LED 4 lit	Ambient temperature sensor

ATTENTION

Note: The quick-freezing 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.

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.

ATTENTION

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

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.

ATTENTION

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

CLEANING AND MAINTENANCE

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Overall cleaning

- Dusts behind the refrigerator and on the ground shall be timely cleaned to improve the cooling effect and energy saving.
- 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 refrigerator should be cleaned regularly to avoid odor.
- Please turn off the power before cleaning interior, remove all foods, drinks, shelves, drawers, etc.
- Use a soft cloth or sponge to clean the inside of the refrigerator, 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 refrigerator (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.
- Do not use soap, detergent, scrub powder, spray cleaner, etc., as these may cause odors in the interior of the refrigerator or contaminated food.
- Clean the bottle frame, shelves and drawers with a soft cloth dampened with soapy water or diluted detergent. Dry with a soft cloth or dry naturally.
- Wipe the outer surface of the refrigerator 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, banana oil, 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.

ATTENTION

Please unplug the refrigerator for defrost and cleaning.

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.



make yourself at home



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