Refrigerator

SIDE BY SIDE SERIES

USER MANUAL

MDRS710FGE46AP

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	MDRS710FGE46AP
Rated Voltage/Frequency	220-240V~/50Hz
Rated Current	1.55A
Total Volume	548L
Fresh Food Storage Compartment Volume	347L
Freezer compartment Volume	201L
Overall Dimension (W x D x H)	897x761x1765mm

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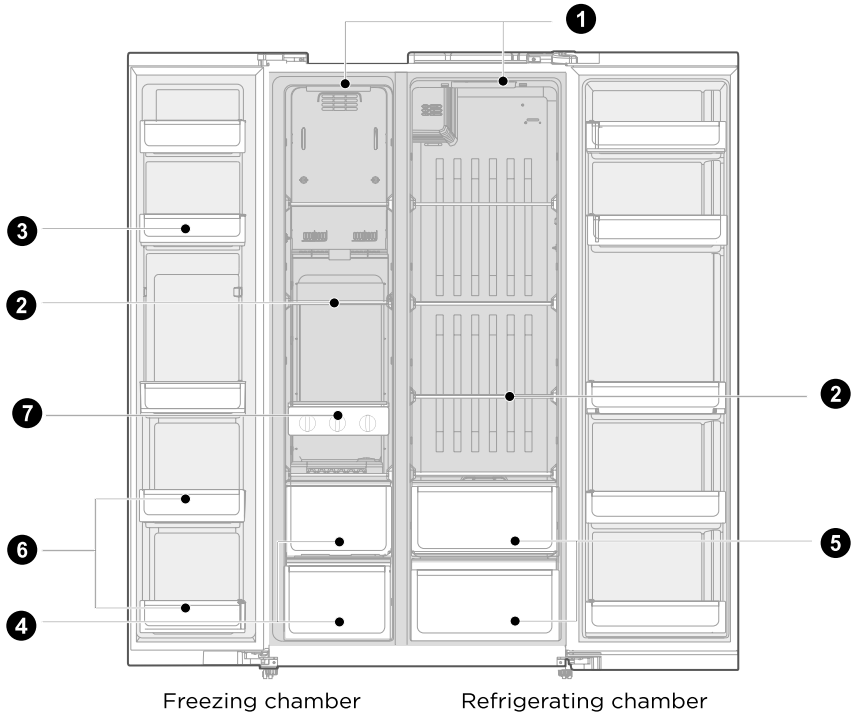
PRODUCT OVERVIEW

Names of components

Normal type



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1	LED Lamp	**5**	Fruits And Vegetables Box
2	Glass Shelf	**6**	Two-Star Door Tray
3	Door Tray	**7**	Ice Tray (Optional)
4	Drawer		

ATTENTION

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

PRODUCT INSTALLATION

Install Instruction

For refrigerating appliances with climate class

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

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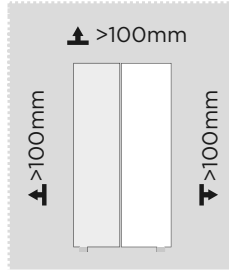
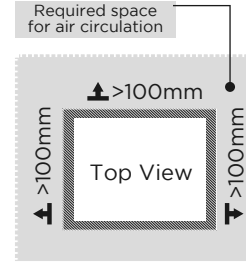
Class	Symbol	Ambient temperature range °C	
		IEC 62552 (ISO 15502)	ISO 8561
Extended temperate	SN	+ 10 to + 32	+ 10 to + 32
Temperate	N	+ 16 to + 32	+ 16 to + 32
Subtropical	ST	+ 16 to + 38	+ 18 to + 38
Tropical	T	+ 16 to + 43	+ 18 to + 43

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.

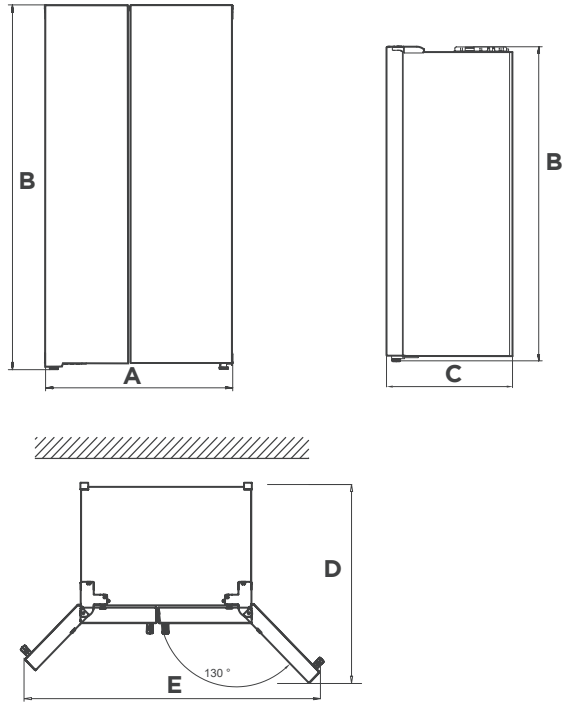




ATTENTION

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)



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Width	Overall Height	Depth	Depth doors open 130°	Width doors open 130°
A	B	C	D	E
897	1765	761	1130	1600

Notice: All dimensions in mm.

Leveling feet

To avoid vibration, the unit must be leveled.

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

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

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

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

Leveling doors

If the doors are not at the same height, the door can be adjusted with a spanner.

A- To raise the door, turn the nut (1) anticlockwise.

B- To lower the door, turn the nut (1) clockwise.

C- When the door is correctly aligned, fix it with the nut (2).

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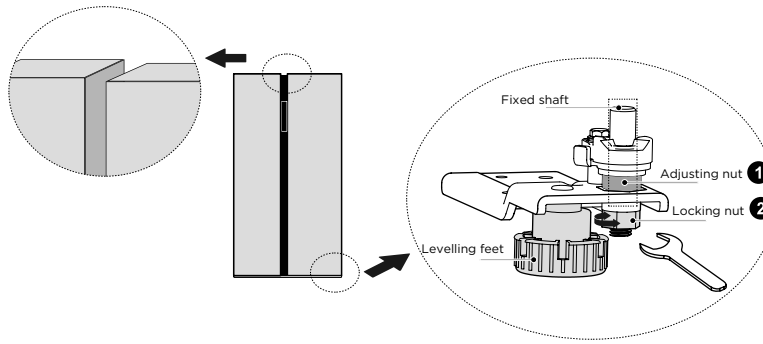

Moving the appliance

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.

ATTENTION

This product contains two light sources of energy efficiency class (G).

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

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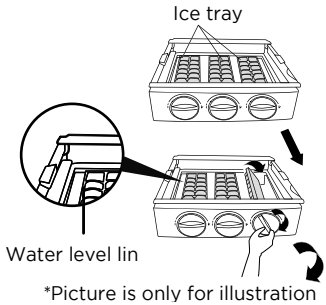
- Do not place the appliance near cookers, radiators or other heat sources. If the ambient temperature is high, the compressor will run more frequently and for longer, resulting in increased energy consumption.
- Ensure that there is sufficient ventilation at the base of the appliance, on the sides of 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 minimize 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.

How to make ice (optional)



*Picture is only for illustration

- Gently pull out the ice tray and fill the ice tray with water to the water level line. Then carefully replace the ice tray horizontally.

- When the ice cubes are ready, turn the knob clockwise (turn to the end and release), the ice cubes will drop from the ice tray into the ice box.

ATTENTION

- In order to make ice cubes quickly, set the freezer to the lowest temperature, or select the SUPER FRZ. Mode. This will make the temperature of the freezer lower.
- Do not over-fill with wate . It may become difficult to remove the ice cubes from ice tray and any trickle of wate into the ice box will make the ice cubes freeze together.
- If the knob is turned before the ice cubes are ready, any remaining water will trickle into the ice box and cause the ice cubes to freeze together.

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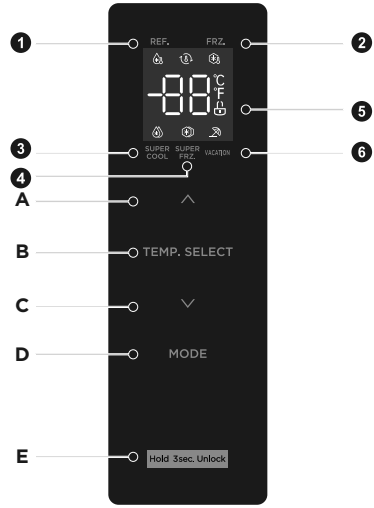
OPERATION INSTRUCTIONS

Control panel



	Display		Button
1	Refrigeraor	A	Temperature up
2	Freezer	B	Temperature range selection
3	Super cool	C	Temperature down
4	Super freezer	D	Mode / function setting
5	Lock / unlock	E	Lock / unlock
6	Vacation		

ATTENTION

The actual control panel may differ from model to model.
The control panel will turn off automatically for energy saving.

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Lock / unlock

- In the non locking state, press the key **"Hold 3sec.Unlock"** for 3 seconds to enter the operation locking state, and the locking pattern is displayed .
  In the locked state, press the key **"Hold 3sec.Unlock"** for 3 seconds to display the unlocking pattern and unlock.
  After 30 seconds without key operation, the refrigerator will automatically enter the locked state. The following functions must be operated in the unlocked state.

Mode setting

- Press the key **"MODE"** , and the super cooling , super freezing and vacation modes cycle in the following ways:

In vacation mode, the temperature of the freezer is automatically set to -18°C , tthe refrigerating chamber is closed.
In the super cooling mode, the temperature of the refrigerating chamber is automatically set to 2°C ; When exiting the super cooling mode, the set temperature of the refrigerating chamber will automatically return to the set temperature before the super cooling mode.

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Exit the super cooling mode if one of the following conditions is met:
A- Exit the super cooling mode through key operation;
B- Rapid cooling time ≥ 6h;

In the super freezing mode, the freezing chamber temperature is automatically set to -24°C ; When exiting the super freezing mode, the set temperature of the freezing chamber will automatically return to the set temperature before the super freezing mode.

Exit the super freezing mode when one of the following conditions is met:
A- Exit the super freezing mode by pressing the key;
B- super freezing time ≥ 24h;

ATTENTION

The super-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 super-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.

Temperature setting

- Press the key **"TEMP.SELECT"** to select the refrigerating chamber freezing chamber , and the temperature zone icon and the set temperature of the corresponding icon will be displayed;
  Select the room to be adjusted, and press the up temperature key ∧ to adjust the temperature upward. Each time you press it, the temperature will be increased by 1 degree;
  Select the room to be adjusted, press the down temperature key ∨ to adjust the temperature downward. Each time you press it, the temperature will be reduced by 1 degree;
  The setting range of refrigerating chamber is 2 and 8°C, and the setting range of freezing chamber is -24 and -16°C; The new set temperature takes effect after locking.When it is set to the boundary value, pressing the corresponding temperature adjustment key will prompt the key invalid sound.
  Recommended setting: Refrigerated chamber 4°C, freezing chamber - 18°C.

Door opening prompt tone

- When the refrigerator door is opened, the door opening music ring. At the same time, long press the "up temperature key + down temperature key" combination key for 3 seconds to turn on / off the door opening prompt tone (on by default).

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Door opening alarm

- When the refrigerator door is not closed for more than 120 seconds, the refrigerator sounds an alarm sound, indicating that the door is not closed. Please close the door in time or click any key in the operation area of the display screen to close the alarm sound.(If the door is not closed for a long time, the food will be damaged. Please close the door in time)

Storage upon power failure

- In case of power failure, the instant working state will be locked and maintained till re-electrification.

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
E1	Temperature sensor failure of refrigerating chamber
E2	Temperature sensor failure of freezing chamber
E5	Freezing defrost sensor detection circuit error
E6	Communication error
E7	Ambient temperature sensor error

Tips on storing food

Freezer compartment

- The freezer is designated for the storage of food frozen at very low temperature, long-term storage of frozen food, and for the production of ice.
- Only use the shelves in the door of the freezer to store frozen food, not for storing hot food designated for freezing.
- Do not put fresh and frozen food next to each other. The frozen food may thaw.
- When freezing fresh food (such as meat, fish or chopped meat), cut them into parts that can be used at the same time.
- Storing frozen food: instructions are usually stated on the packages, which must be followed. If there is no information on the packaging, food should not be stored 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 packages to retain the quality and should be returned to the freezer compartment as soon as possible.
- If a package of frozen food shows moisture or abnormal bulging, it is probable that it was stored at the wrong temperature and the content is spoiled.
- The storage period for frozen food depends on the room temperature, the thermostat setting, the frequency of opening the door of the freezer, the type of food and the time of transporting the product from the shop to the household. Always follow the instructions printed on the packaging and never exceed the maximum storage time stated on the package.

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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.

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.

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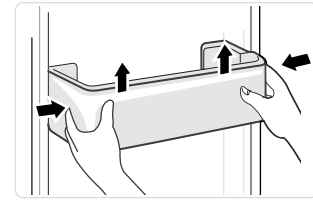
CLEANING AND MAINTENANCE

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.



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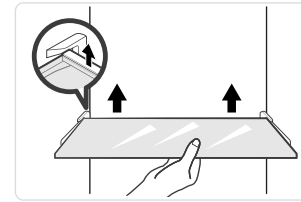
Cleaning of glass shelf

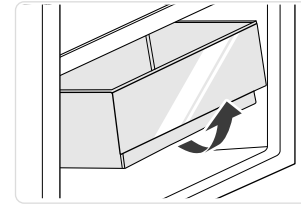
- As the innermost part of the refrigerator liner where contacting the shelves has a backstop, you shall raise the shelves upward, then you can be able to take it out.
- Adjust or clean the shelves according to your requirement.



Cleaning the vegetable drawer

1. Remove the contents of the drawer. Hold the handle of the vegetable drawer and pull it out completely until it stops.

2. Lift the vegetable drawer up and remove it by pulling it out.



ATTENTION

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

TROUBLESHOOTING

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

Problem	Possible reason
Failed operation	• 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

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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

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