

**Chest Freezer**  
**ELECTRONIC CONTROL SERIES**

# **USER MANUAL**

**MDRC152FEE MDRC207FEE**  
**MDRC280FEE MDRC345FEE**  
**MDRC405FEE MDRC564FEE**

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.



# LANGUAGES

<b>EN</b>	English
<b>DE</b>	Deutsch
<b>IT</b>	Italian
<b>FR</b>	French
<b>ES</b>	Spanish
<b>PT</b>	Portuguese
<b>GR</b>	Greek
<b>PL</b>	Polish
<b>SR</b>	Serbian
<b>HR</b>	Republika Hrvatska
<b>HU</b>	Hungary
<b>SL</b>	Slovenia
<b>RO</b>	Romania
<b>BG</b>	Bulgaria
<b>AL</b>	Albanian
<b>CZ</b>	Czech
<b>SK</b>	Slovak
<b>LT</b>	Lithuania
<b>LV</b>	Latvian

## 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

EN

THANK YOU LETTER.....	01
SPECIFICATIONS .....	02
PRODUCT OVERVIEW .....	03
PRODUCT INSTALLATION.....	04
OPERATION INSTRUCTIONS .....	06
CLEANING AND MAINTENANCE.....	11
TROUBLESHOOTING .....	12
APPENDIX.....	14

# SPECIFICATIONS

EN

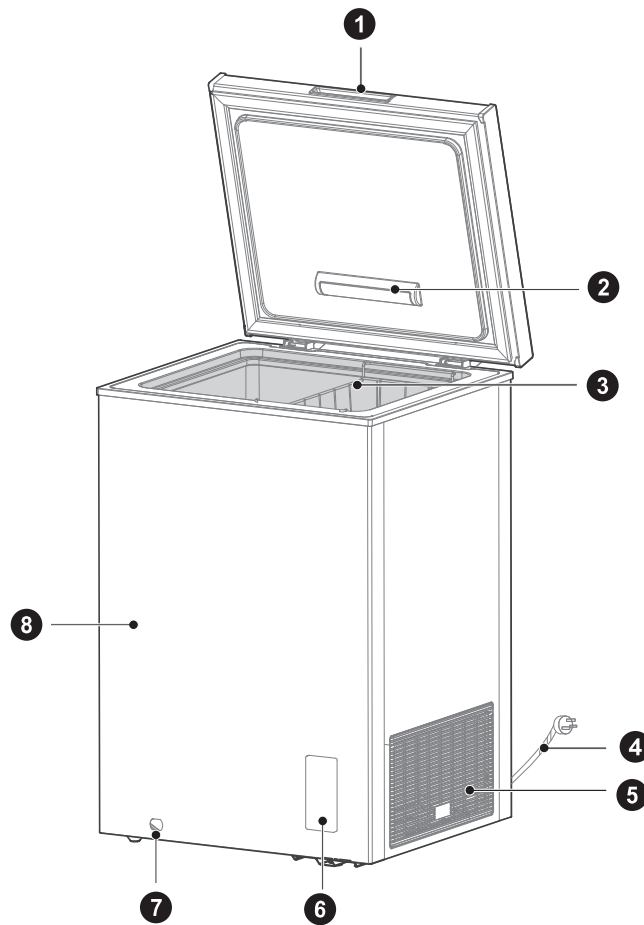
Product model	MDRC152FEE	MDRC207FEE	MDRC280FEE
Rated Voltage / Frequency	220-240V~/50Hz		
Freezer compartment Volume(L)	99	142	198
Freezing Capacity(kg/24h)	4.5	6.5	9
Temperature Rise Time(h)	17	15	21
Refrigerant,Amount(g)	R600a,42	R600a,46	R600a,56
Overall Dimension (WxDxH)mm	545*495*850	632*550*850	816*550*850

Product model	MDRC345FEE	MDRC405FEE	MDRC564FEE
Rated Voltage / Frequency	220-240V~/50Hz		
Freezer compartment Volume(L)	249	290	418
Freezing Capacity(kg/24h)	11.5	14	19
Temperature Rise Time(h)	28	45	50
Refrigerant,Amount(g)	R600a,66	R600a,62	R600a,100
Overall Dimension (WxDxH)mm	985*600*850	1115*670*850	1416*750*825

# PRODUCT OVERVIEW

## Names of components

EN



- |   |                            |   |               |
|---|----------------------------|---|---------------|
| 1 | Door handle(optional)      | 7 | Drainage hole |
| 2 | Lamp (optional)            | 8 | Cabinet       |
| 3 | Shelving basket (optional) |   |               |
| 4 | Power cord                 |   |               |
| 5 | Shutter                    |   |               |
| 6 | Temperature control panel  |   |               |

### **ATTENTION**

Images shown here are intended as examples only.

# 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.

EN

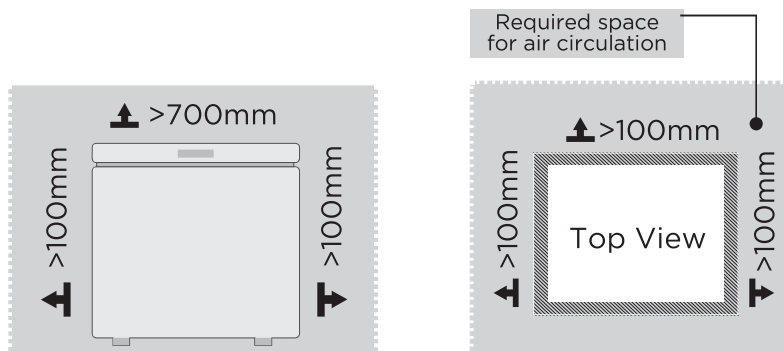
### Effective temperature range

- 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.

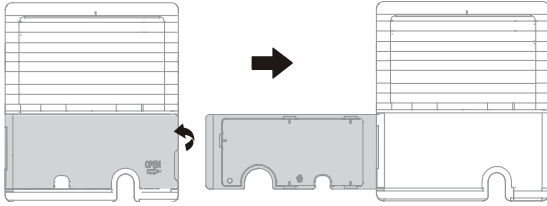


### ATTENTION

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

## Connecting the appliance

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



1. Open the cover plate from the side with the tool.
2. open the cover plate, take out the power cord, and then cover the cover plate.

EN

### **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.

## Changing the light (optional)

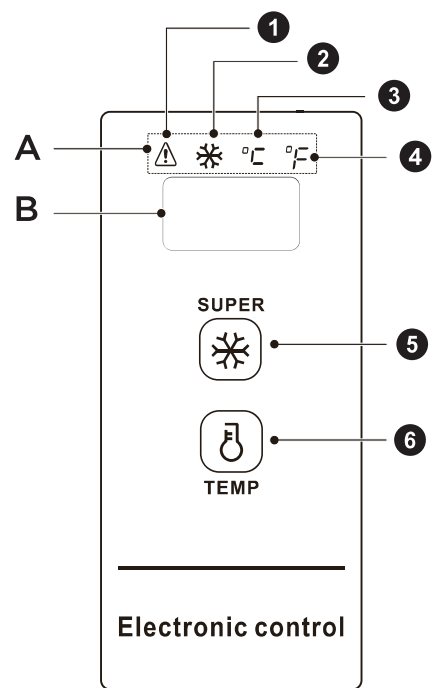
- Any replacement or maintenance of the LED lamps is intended to be made by the manufacturer, its service agent or similar qualified person.



# OPERATION INSTRUCTIONS

## Control panel

EN







Operation key and lamp	
1. High temperature warming indicator lamp	A. Indicator lamp display area
2. Super-freeze indicator lamp	B. Temperature display area
3. Centigrade temperature indicator lamp	
4. Fahrenheit temperature indicator lamp	
5. Super-freeze key	
6. Tempering key	

## Display control

- When power on the freezer , the display window will be on for 3s, and then it will enter normal operation display, the original electrified display shall be under 18°C
- Display of normal operation:
  1. If there is no failure, the set temperature or function mode will be displayed;
  2. If there is any failure, the failure code will be displayed;

Show sleep function:



- The sleep function will open by default after electrifying, after the temperature is confirmed, the display will extinguish after another 30s. The sleep mode could be switched via combined key:
- By pressing tempering key “” and super-freeze key “” for 5s simultaneously, when “ ON ” is displayed in the temperature display area once, it indicates the sleep function is opened.
- By pressing tempering key “” and super-freeze key “” for 5s simultaneously, when “ OF ” is displayed in the temperature display area once, it indicates the sleep function is closed.

Operation control:

- Open the sleep function. After temperature confirmation for tempering every time, the display area will extinguish for another 30s;
- Close the sleep function. After temperature confirmation for tempering every time, the display area will not extinguish and keep on.

## Lock/ Unlock


After the initial electrification, the key is in lock state by default; it is required to operate after unlocking.

- Lock: after pressing the super-freeze key “” for continuously 3s, the display area will blink once, and the set temperature will take effect immediately, once entering lock state, the display area will not blink; after no-key operation for 30s, it could also enter automatic lock state, and the display area will blink once.
- Unlock: after pressing the super-freeze key “” for continuously 3s, the display area will blink once to unlock. Under the lock state, it is required to conduct key operation after unlock.

### IMPORTANT:



The various following key operations shall be implemented under unlock state

## Fahrenheit and centigrade temperature conversion

- By long pressing the tempering key “” for 3s, Fahrenheit and centigrade temperature conversion could be implemented. When the centigrade temperature is displayed, the centigrade temperature indicator lamp on; and when the Fahrenheit temperature is display, the Fahrenheit temperature indicator lamp in the display area will be on.

EN

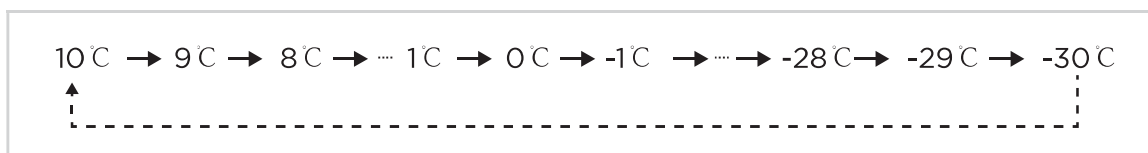
## Temperature Setting

- By pressing the tempering key “”, the display window will display the refrigerator temperature, by pressing the tempering key “” once every time, the refrigerator temperature will change 1 degree Celsius/Fahrenheit;

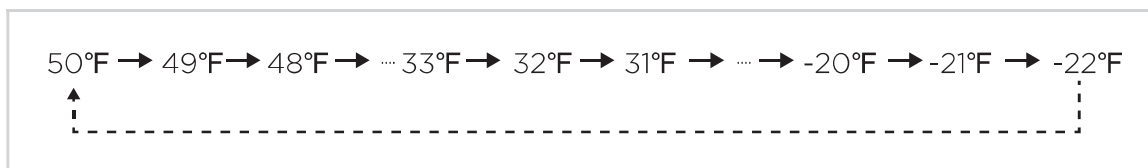
### ATTENTION

For settings of -30°C/-22°F, an ambient temperature of 25°C/77°F or less is recommended

The specific temperature change is cycled according to the figure below:






Fahrenheit temperature setting scope:




## Super-freeze function


Enter super-freeze:

By pressing the super-freeze key “”, the super-freeze indicator lamp “” will be on;

When setting the centigrade temperature, “-30 ” will be displayed in the temperature display area, if the compressor continuous operates, the centigrade temperature indicator lamp “” will be on.

When setting the Fahrenheit temperature, “-22 ” will be displayed in the temperature display area, if the compressor continuous operates, the Fahrenheit temperature indicator lamp “” will be on.

Quit super-freeze:

1. Power on after power failure;
2. Continuous operation of compressor for 24 hours;
3. If sensor failure occurs under super-freeze mode, you can quit super-freeze;
4. Under super-freeze mode, you can quit the super-freeze mode by repressing the super-freeze key “”.

## High temperature alarm

- The indicator lamp “  ” will be on for high temperature alarm.

## Power failure memory

- During power failure, the sudden operating state of power failure will be locked, after power is recovered, the operation shall be continued according to the setting before the power failure. The super-freeze function will be quitted after power failure.

## Failure code

- If the failure happens, the display area will show corresponding error codes as shown as below table, the user shall contact a specialist for maintenance, so as to make sure the normal use of freezer.

EN

Fault Code	Fault Description
E2	Temperature sensor failure

## Tips on storing food

EN

- The low temperature of freezer may keep food fresh for a long time and it is mainly used to store frozen foods and making ice.
- The freezer is suitable for storage of meat, fish, shrimp, pastries class and other foods not to be consumed in short term. Do not store fluids in bottled or closed containers Items such as bottled beer, beverages, etc.
- It is not suitable to store bottled or closed containers of fluid items for a long time, if you want to store bottled or closed containers of fluid items, the stored items should not be close to the wall of the freezer.
- There is a certain deviation between the temperature inside the box and the actual setting temperature, which does not affect normal use.
- Please be noted food shall be consumed within the shelf time.
- The fast-freezing function is designed to maintain the nutritional of the food. It can quickly freeze the food in a short time. If a large amount of food need to be frozen at one time, it is recommended that users turn on the fast-freezing function 5 hours in advance. In this case, freezing speed of the freezer increases, it can quickly freeze food and effectively keep the food nutrition.

### ATTENTION

- After long term using, there maybe a certain degree of wear with the hinge, it will cause the noise when open/close the door and reduce the service life of hinge. It is recommended to put the grease on hinge for maintenance regularly, it can effectively eliminate noise and extend the service life of the hinge.
- The weight of the objects in the basket should not exceed 5kg.
- If the product is packaged in thin film, there may be condensation on the surface of the box and the film when the temperature and humidity of the transportation environment change rapidly. This phenomenon is a normal physical phenomenon, does not affect the use of the product.

# CLEANING AND MAINTENANCE

Your freezer is designed for year-round use and requires minimal cleaning and maintenance. To keep your freezer running efficiently and odor free, we recommend that you clean the freezer regularly.

## Defrost

Freezer shall be manually defrosted.

- Unplug the freezer and open the freezer door, remove foods and shelving basket before defrosting; Open the outflow hole and drainage hole (and place water container at the outflow hole); indoor frost will naturally melt, wipe the defrost water with a dry, soft cloth. When the frost softens, an ice scraper might be used to the accelerate de-icing process.
- Please remove the food and put in a cool place when defrosting before removing accessories.

EN

## Stop using

- Power failure: 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 and do not put fresh foods into the freezer.
- Long-time nonuse: Please unplug the freezer left unused for a long time for cleaning. Keep the door open to avoid the bad odor.
- Moving: Do not turn upside or vibrate the freezer, the carrying angle can not be greater than 45°. Do not hold the door and hinge when moving this unit.

## ATTENTION

- Other mechanical devices or other means shall not be used to accelerate except those recommended by the manufacturer. Do not damage the refrigerant circuit.
- Continuous operation is recommended when the freezer is started. Please do not stop the freezer under normal circumstances so as not to affect the freezer's service life.

# TROUBLESHOOTING

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

EN

Problem	Possible reason
Not work	• Whether the freezer is plugged and connected to power;
	• Low voltage
	• Whether temperature control knob is in the work area
	• Failure power or tripping circuit.
Odor	• Odorous foods should closely wrapped;
	• Check whether there is any rotten food
	• Whether the interior shall be cleaned.
Long-term operation of compressor	• It is normal that freezer operates for longer time in summer when the ambient temperature is higher;
	• Do not put too much food in the freezer at one time;
	• Do not put foods until they are cooled;
	• Frequent opening of freezer door;
	• Thick frost layer (defrost is needed).
Light not work	• Whether the freezer is connected to power, whether the light is damaged.
Door can not be properly closed	• The freezer door is stuck by food packages;
	• Too much food;
	• Unbalanced freezer.

Problem	Possible reason
Loud noises	<ul style="list-style-type: none"> <li>• Whether the floor is flat, whether the placement of freezer is stable;</li> </ul>
	<ul style="list-style-type: none"> <li>• Whether the freezer accessories are properly placed.</li> </ul>
Transient difficulty in door opening	<ul style="list-style-type: none"> <li>• After refrigeration, there will be pressure difference between the inside and outside of the freezer to result in transient difficulty in door opening. This is a normal physical phenomenon.</li> </ul>
Over heat on sidewall	<ul style="list-style-type: none"> <li>• The freezer enclosure may emit heat during operation specially in summer, this is caused by the radiation of the condenser, and it is a normal phenomenon.</li> </ul>
Surface Condensation	<ul style="list-style-type: none"> <li>• Condensation: condensation phenomenon will be detected on the exterior surface and door seals of the freezer when the ambient humidity is high, this is a normal phenomenon, and the condensation can be wiped away with a dry towel.</li> </ul>
Airflow sound Buzz Clatter	<ul style="list-style-type: none"> <li>• Refrigerants circulating in the refrigerant lines will produce eruption of sound and grunts which is normal does not affect the cooling effect.</li> </ul>
	<ul style="list-style-type: none"> <li>• Buzz will be generated by running compressor specially when starting up or shutting down.</li> </ul>
	<ul style="list-style-type: none"> <li>• The solenoid valve or electric switch valve will clatter which is a normal phenomenon and does not affect the operation.</li> </ul>

EN



# APPENDIX

## Special for new European standard

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

EN

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

## Dear customer

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

(Remember to bring the purchase invoice)

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

## ATTENTION

The model information in the product database, as well as the model identifier, can be obtained through a weblink scanned by a QR code, if any, on the energy efficiency label of the product.

For more information about the energy efficiency of the appliance, visit <https://ec.europa.eu> and search using the model name.

The model name can be found on the rating label of the appliance.



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

© Midea 2022, všetky práva vyhradené