



Refrigerator
BOTTOM MOUNTED FREEZER SERIES

USER MANUAL

MDRB548MME*

MDRB600MME*

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

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

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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EN

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SPECIFICATIONS

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Product model	MDRB548MME*
Rated Voltage/Frequency	220-240V~/50Hz
Rated Current	1.4A
Total Volume	401L
Fresh Food Storage Compartment Volume	271L
Four-star Compartment Volume	130L
Freezing Capacity	8.0kg/24h
Temperature Rise Time	8h
Overall Dimension (W x D x H)	595x670x1860mm

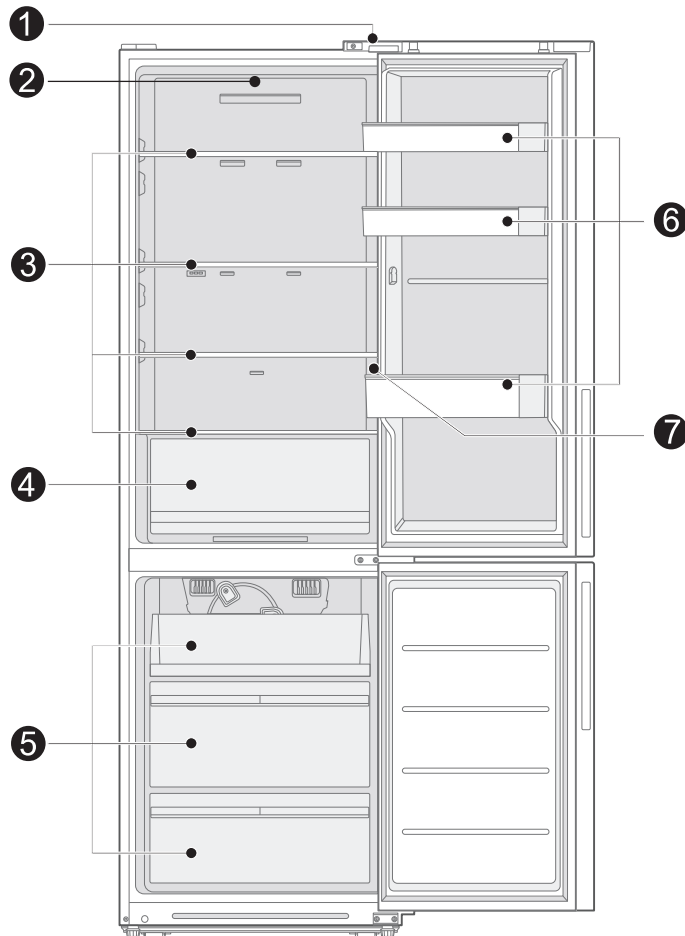
Product model	MDRB600MME*
Rated Voltage/Frequency	220-240V~/50Hz
Rated Current	1.4A
Total Volume	443L
Fresh Food Storage Compartment Volume	313L
Four-star Compartment Volume	130L
Freezing Capacity	8.0kg/24h
Temperature Rise Time	8h
Overall Dimension (W x D x H)	595x670x2010mm

PRODUCT OVERVIEW

Names of components

MDRB548MME*

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1 Door switch

2 LED light

3 Shelf

4 Fruits & vegetables box

5 Drawer

6 Door tray

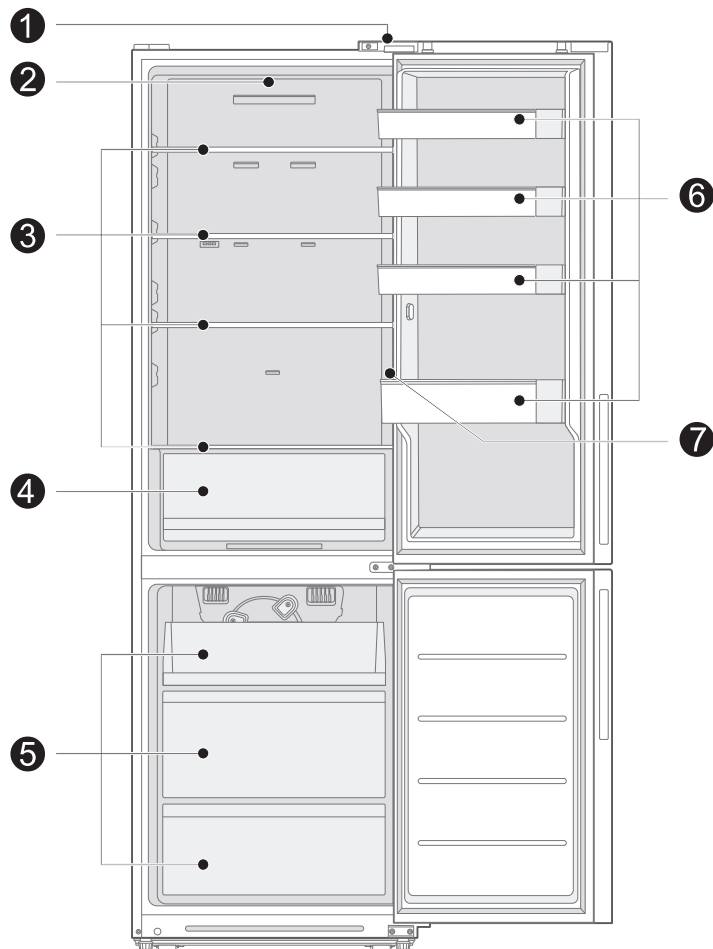
7 Control panel

ATTENTION

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

MDRB600MME*

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- | | | | |
|----------|-------------------------|----------|---------------|
| 1 | Door switch | 5 | Drawer |
| 2 | LED light | 6 | Door tray |
| 3 | Shelf | 7 | Control panel |
| 4 | Fruits & vegetables box | | |

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 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.

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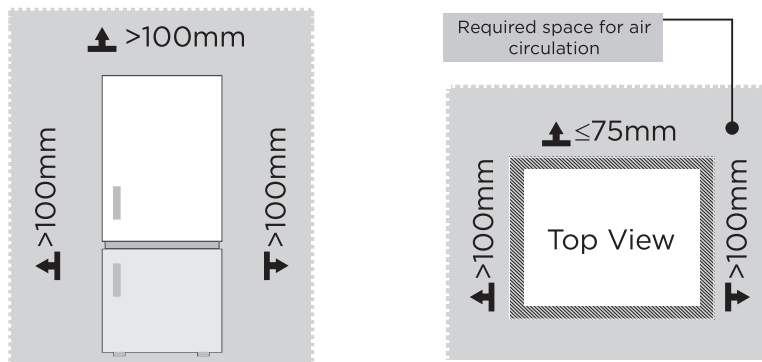
Effective temperature range

- 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

- 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.

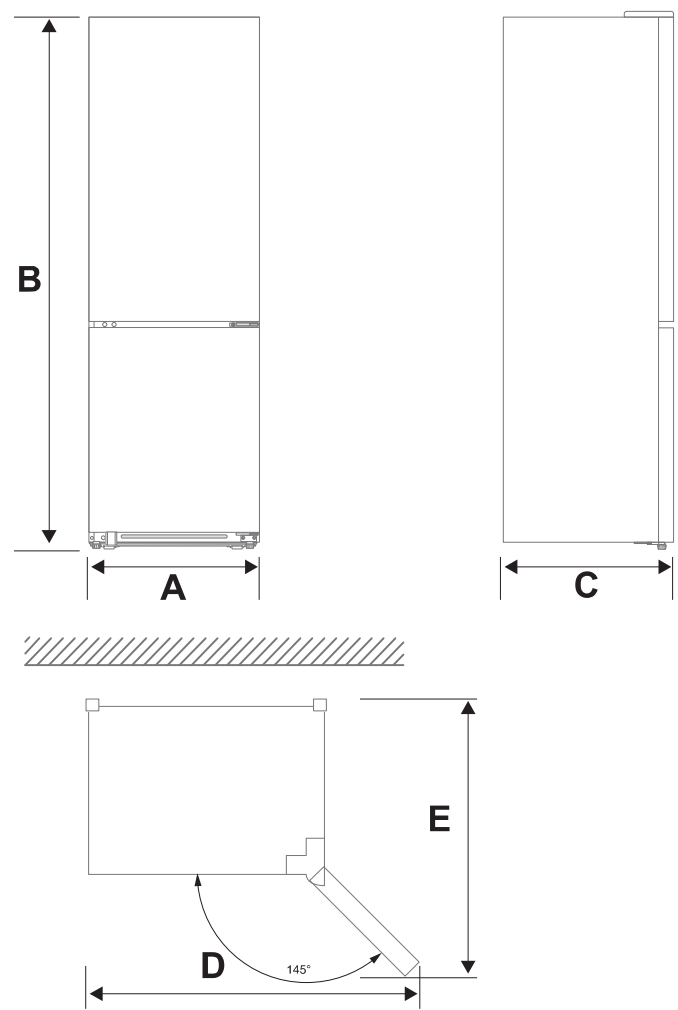


ATTENTION

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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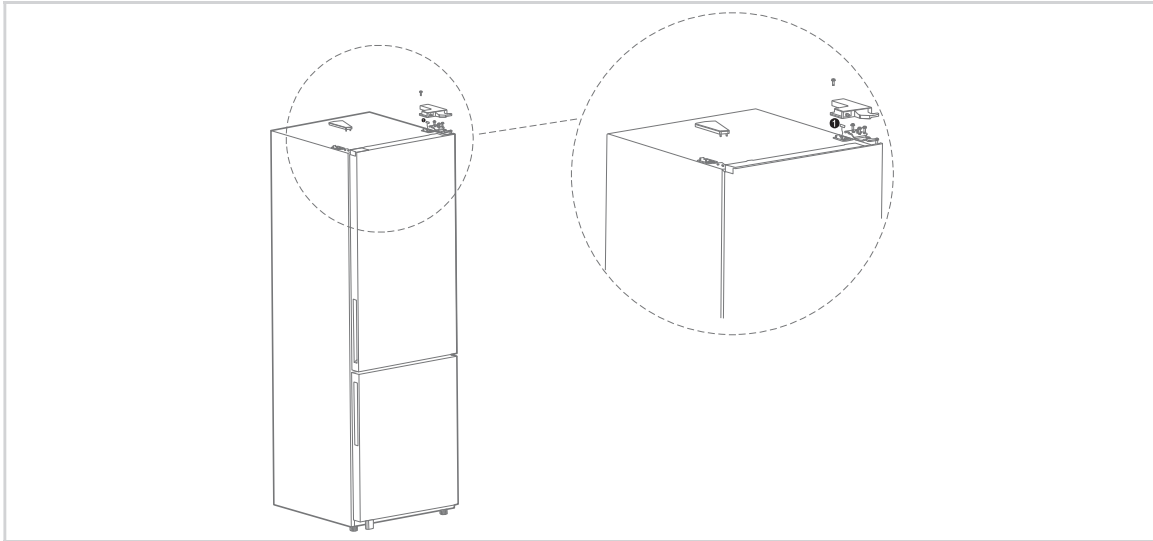
Model	Width	Overall Height	Depth	Width doors open 145°	Depth doors open 145°
	A	B	C	D	E
MDRB548MME*	595	1860	670	960	1070
MDRB600MME*	595	2010	670	960	1070

Notice: All dimensions in mm

Door reversal

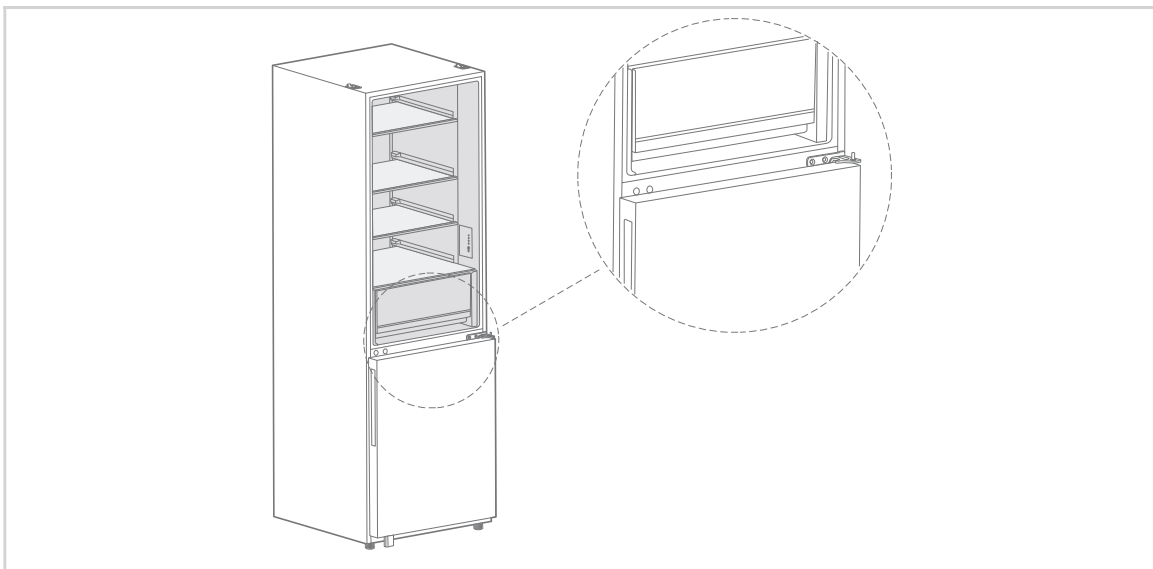
Based on the location where you plan to use your refrigerator, you may find it more convenient to reverse the position of the door.

1. Remove the items from the door body.
2. Remove the upper left hinge cover decorative cover, upper right hinge cover, upper right hinge, disconnect the signal line on the top right side of the refrigerator's body (❶ signal line).

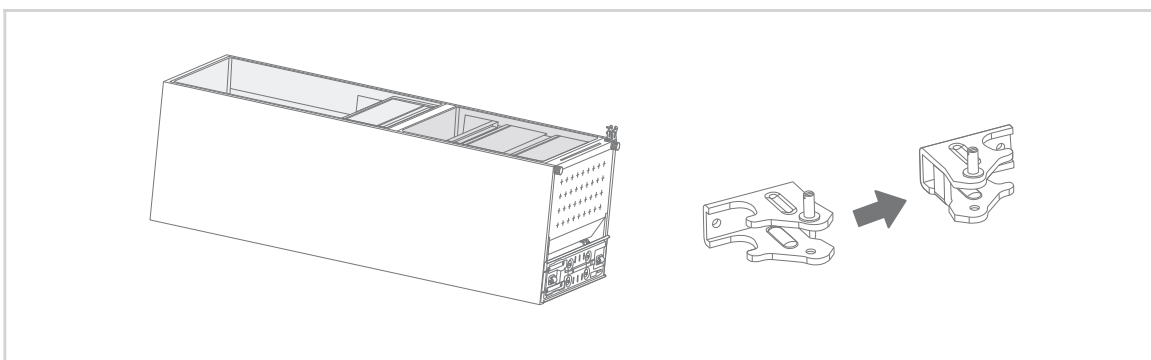


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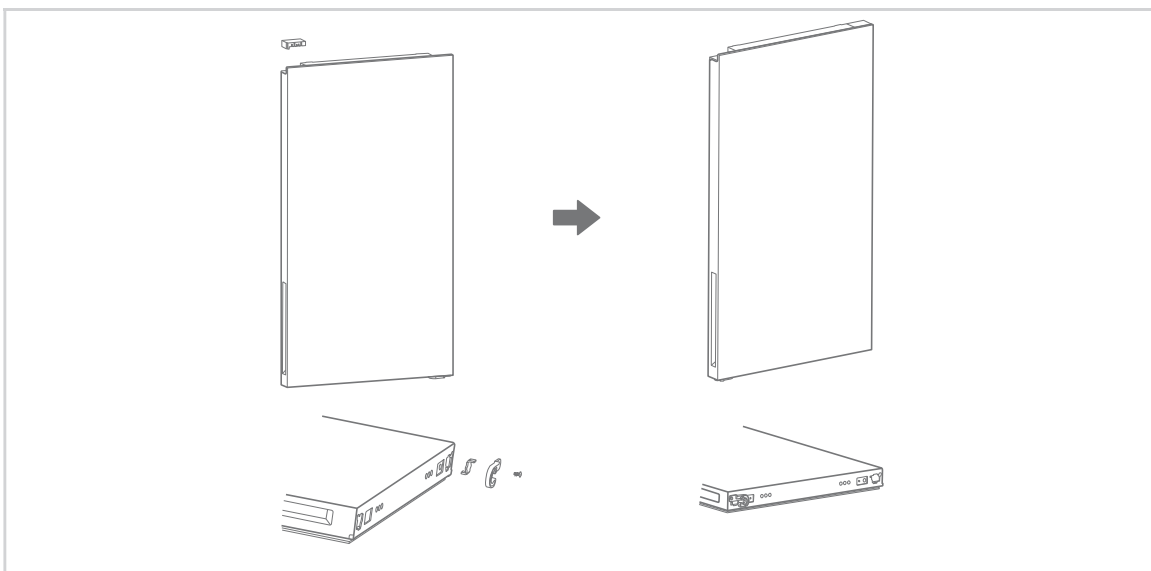
3. Remove the refrigeration door body (pay attention not to lose small parts such as door stoppers); Remove the middle hinge for backup use and remove the hinge hole decorative cover, cap, and screws on the other side.



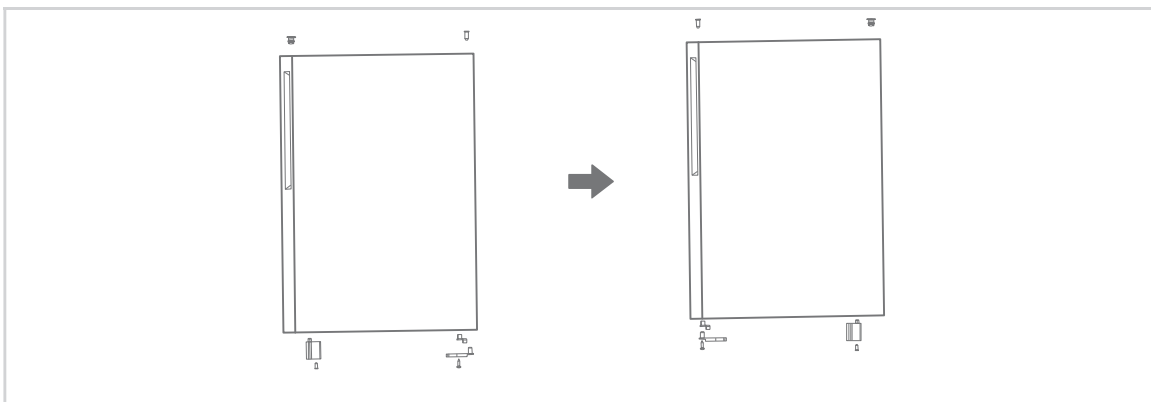
4. Remove the freezer door body (be careful not to lose small parts such as the shaft sleeves and door stoppers); Remove the lower hinge, remove the lower hinge shaft and install it on the other side of the hinge, remove the lower hinge, remove the lower hinge shaft and install it on the other side of the hinge for backup use.



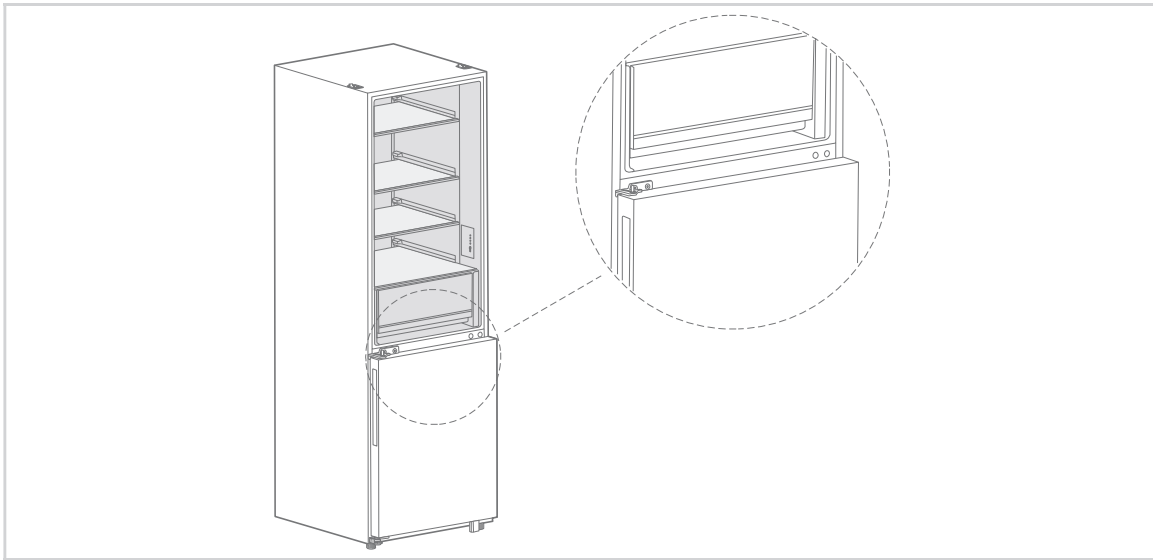
5. Refrigeration door replacement; Remove the left decorative cover, remove the right decorative cover from the accessory package and install it on the other side of the upper end cover; remove the refrigeration door self-locking, the door stop, remove the left door self-locking from the accessory package, and install the door stopper and the left door self-locking to the left side of the lower end cover in turn.



6. Freezer door switch; Remove the upper end cap sleeve of the freezer door, and install the cap in the left and right interchangeable positions; Remove the freezer door self-locking, the door stopper and the door support, remove the left door self-locking from the accessory package, install the door stopper and the left door self-locking to the left side of the freezer lower end cover in turn, and install the door support to the right side of the freezer lower end cover.

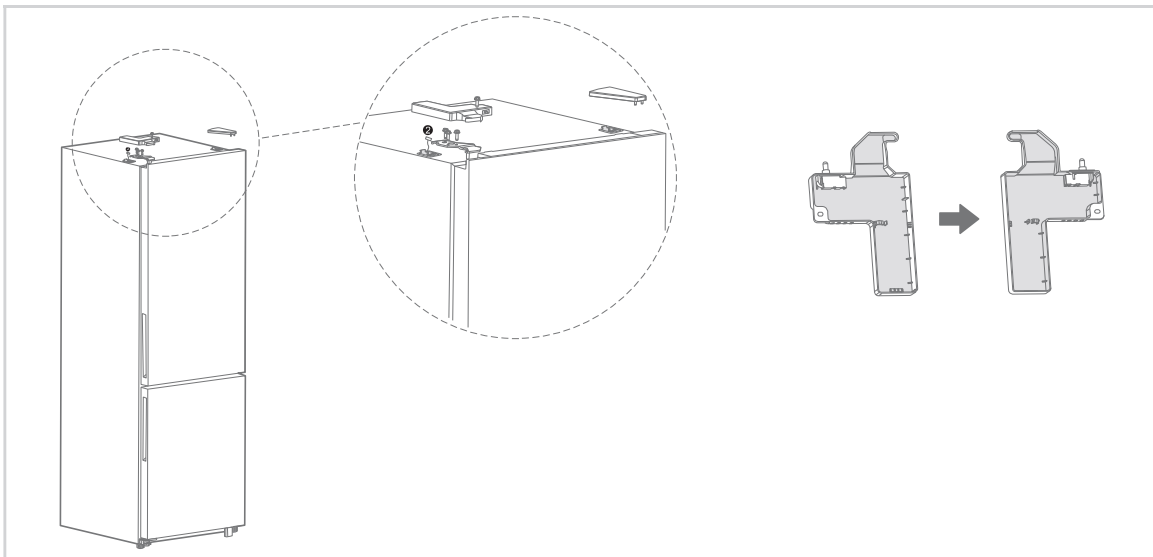


7. Install the middle hinge and install the refrigeration door on the middle hinge, then install the lower hinge and cover the hinge hole decorative cover.



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8. Remove the left upper hinge cover from the accessory package, left upper hinge, remove the switch installed on the right hinge cover and install it on the left upper hinge cover; place the refrigeration door body on the middle hinge and install the left upper hinge; connect the top signal line ② on the left side of the refrigerator and the switch on the left hinge cover, cover and fix the left hinge cover, and finally install the hinge cover decorative cover to the right side of the refrigerator's body.



● ATTENTION

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

- 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.



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.

ATTENTION

This product contains a light source 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

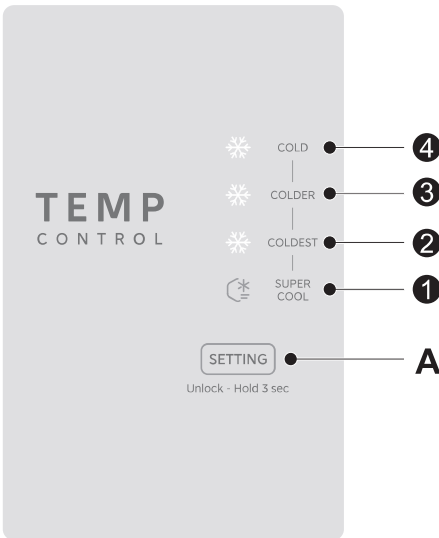
- Do not place the appliance near cookers, radiators or other heat sources. If the ambient temperature is high, the compressor will run more frequently and for longer, resulting in increased energy consumption.
- Ensure that there is sufficient ventilation at the base of the appliance, on the sides of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

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OPERATION INSTRUCTIONS

Control panel

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Button

A	Temperature setting button
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Display screen

1	LED1 (SUPER COOL)
2	LED2 (2°C/COLDEST)
3	LED3 (4°C/COLDER)
4	LED4 (8°C/COLD)

Display

- When it is powered on for the first time, it will be fully displayed for 3 seconds, and then display normally; (set at 4°C gear for the first time).
- When a snag happens, it presents the snag code (in a cycle display mode). In a normal state, the fridge's set gear instead of a snag code is shown.
- Under normal circumstances, after 15 seconds of no key operation, the setting will take effect.

Lock and Unlock

- Press and hold for 3 seconds to unlock, the LED flashes to indicate that the unlock is successful, and the lock is automatically locked after 15 seconds without pressing the button.

ATTENTION

The actual control panel may differ from model to model.

Operating instructions

Gear setting

- Press the SETTING button once to change the temperature setting.
- Adjust by gear to: LED4 - > LED3 - > LED2 - > LED1 - > LED4

Quick-cooling mode

Mode entry:

- Press the temperature control key to light up LED1.

Mode operation:

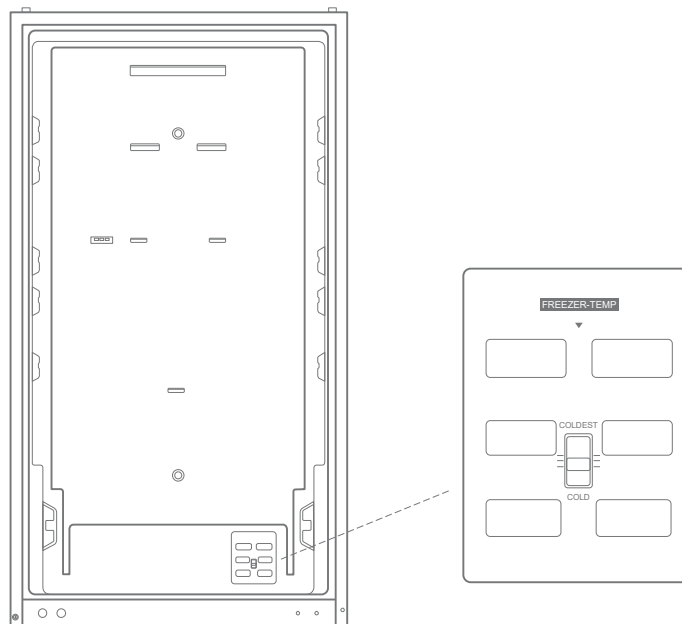
- The compressor operates at the maximum speed of the current ambient temperature.
- The fan is running at the current speed -1 gear (Priority is lower than overload).
- Run according to the start-stop point of the quick-cooling 2 degree gear, and do not defrost during the quick freezing period (except for power-on defrosting).
- Defrosting once after quickcooling exit.

Mode exit:

- Adjust the temperature to exit the quick-cooling mode.
- Exit after 16 hours of operation in quick-cooling mode.

Air Duct Paddle Adjustment

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



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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
LED 1 and LED2 are flashing	Fault of the fridge's temperature sensor
LED 1 and LED3 are flashing	Fault of the freezer's defrosting sensor
LED 1 and LED4 are flashing	Ambient temperature sensor fault

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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.


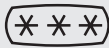


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Cooling compartment

- 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	$+2 \leq x \leq +8$	Eggs, cooked food, packaged food, fruits and vegetables, dairy products, cakes, drinks and other foods not suitable for freezing.
2	 Four-star rating frozen	$x \leq -18$	With freezing capacity, fast freezing speed, can quickly freeze and store food. Suitable for frozen fresh food such as seafood (fish, shrimp, shellfish), freshwater aquatic products and meat products. Recommended for 3 ~ 6 months, the longer the storage time, the worse the taste and nutrition.
3	 Three-star rating frozen	$x \leq -18$	With freezing capacity. Suitable for frozen fresh food such as seafood (fish, shrimp, shellfish), freshwater aquatic products and meat products. Recommended no more than 3 months.
4	 Two-star rating frozen	$x \leq -12$	Only suitable for medium-term storage of already frozen food, e.g. ice cream. Recommended no more than 1 month.
5	 One-star rating frozen	$x \leq -6$	Only suitable for refrigeration, and short-term storage of small quantities of already frozen food. Recommended no more than 1 week.
6	0-star	$-6 \leq x \leq 0$	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	$-2 \leq x \leq +3$	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	$0 \leq x \leq +4$	Fresh pork, beef, fish, chicken, cooked food, etc. (Recommended to eat within the same day, preferably no more than 3 days)
9	Wine	$+5 \leq x \leq +20$	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

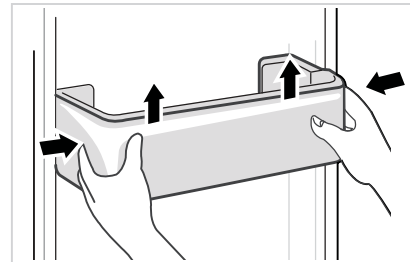
Defrosting

- 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.

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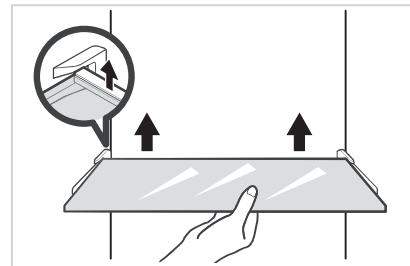
Cleaning of door tray

- 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.



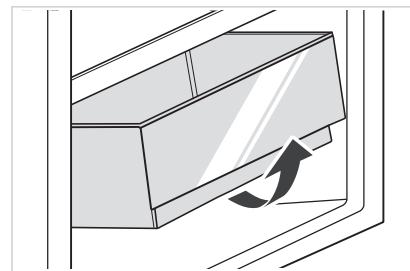
Cleaning of glass shelf

- 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

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.

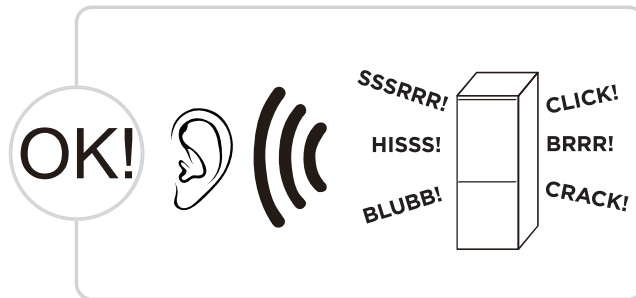
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Problem	Possible reason
Failed operation	• Check whether the appliance is connected to power or whether the plug is in well contact
	• Check whether the voltage is too low
	• Check whether there is a power failure or partial circuits have tripped
Odor	• 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
	• 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"> • Remove foreign matters on the door seal
	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • There is too much food in the chamber or food stored contains too much water, resulting in heavy defrosting
	<ul style="list-style-type: none"> • The doors are not closed properly, resulting in frosting due to entry of air and increased water due to defrosting
Hot housing	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Buzz: The compressor may produce buzzes during operation, and the buzzes are loud particularly upon start or stop. This is normal.
	<ul style="list-style-type: none"> • Creak: Refrigerant flowing inside of the appliance may produce creak, which is normal.

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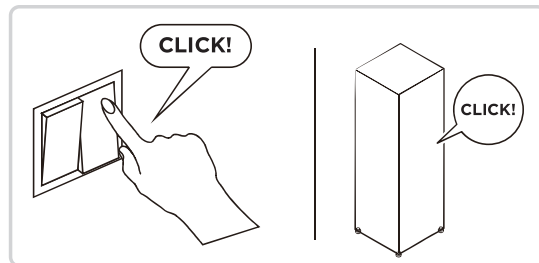
Do you hear these abnormal sounds as below? Usually these sounds are normal.



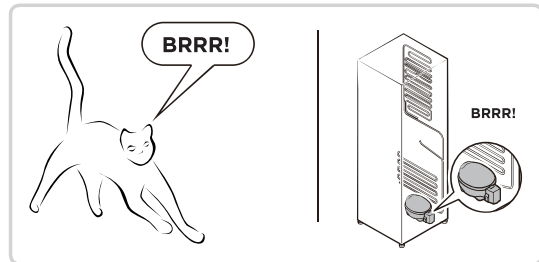
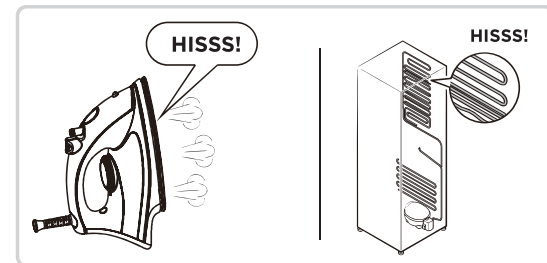
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CLICK: Some electrical parts in the refrigerator, such as electric valve will make this noise when working. This is normal.

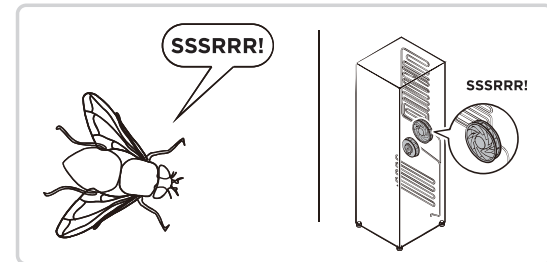
HISS: When the refrigerant flows into the evaporator, it will make this noise. This is normal.



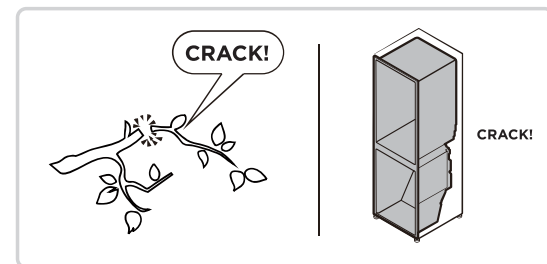
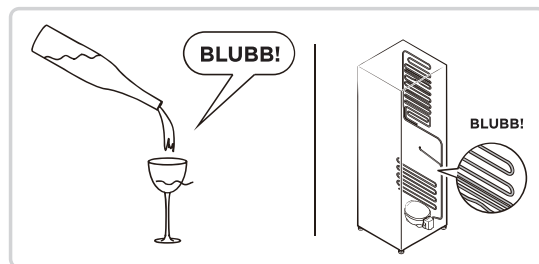
BRRR: The compressor will make this noise when working, and the buzzes are loud particularly upon start or stop. This is normal.



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.



APPENDIX

Special for new European standard

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

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

EN

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.

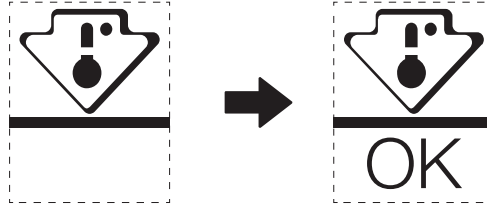
For more information about the energy efficiency of the appliance, visit <https://ec.europa.eu> and search using the model name.

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

Coldest zone in the refrigerator

OPTIONAL: OK-temperature indicator

- The OK-temperature indicator can be used to determine temperatures below +4°C. Gradually reduce the temperature if the sign does not indicate “OK”.



EN

- To ensure the temperature in this area, do not change the positioning of the shelf. In forced air refrigerators (equipped with a fan or No Frost models), the symbol of the coldest zone is not represented because the temperature inside is homogeneous.

Temperature indicator setting

- To help you set your refrigerator well, it is equipped with a temperature indicator that will monitor the average temperature in the coldest zone.
- **WARNING:** This indicator is intended to work only with your refrigerator, do not use it in another refrigerator (in fact, the coldest zone is not the same), or for any other use.

Checking the temperature in the coldest zone

- With the temperature indicator, you can check regularly that the temperature of the coldest zone is correct. Indeed, the internal temperature of the refrigerator depends on several factors such as the ambient temperature of the room, the amount of food stored and the frequency of door opening. Take these factors into consideration when setting the device.
- When the indicator shows « OK », this means that your thermostat is well adjusted and the internal temperature correct.
- If the indicator of temperature turns WHITE, this means that the temperature is too high; in this case, increase the refrigerator temperature control setting and wait for 12 hours before performing a new visual inspection of the indicator. When fresh food has been introduced or the door has been left open, it is possible for the indicator of temperature to turn WHITE after a while.

