

FOTILE

FOTILE



* Some images in this manual are for illustrative purposes only. In case of any discrepancies between the images and the actual product, the actual product shall take precedence.

* FOTILE reserves the right to change designs and specifications of the product without prior notice.

User Manual

Refrigerator
H508W-F20

1119000306800

Please keep this manual properly for future reference
Please read this manual carefully before using the product

Table of Contents

Dear valued users, Thank you for choosing the product from FOTILE. As a provider of integrated smart kitchen solutions for a healthier, more fulfilling life, FOTILE is committed to consistently delivering high-quality products and services, with the aim of promoting a lifestyle that is healthy, eco-friendly, tasteful, and culturally refined, enabling millions of families to enjoy a happier and more secure life.

FOTILE embraces the service philosophy of "Sincere Service," striving to move customers emotionally while offering peace of mind, convenience, comfort, and trust—always placing the customer at the heart of everything we do.

Please ensure that you read this manual in its entirety prior to commencing the use of the product.

Safety Precautions	01
Installation Instructions	06
Installation Precautions	06
Packing List	07
Installation Diagram	08
Installation Procedures	09
Product Information	13
Product Diagram	13
Main Technical Specifications	14
Food Storage in Functional Areas	15
Use Instructions	17
Usage Precautions	17
Interactive/Control Interface	18
Operating Instructions	18
Cleaning, Maintenance, and Care	25
Cleaning and Maintenance Precautions	25
Daily Cleaning	25
Refrigerator Downtime	27
Electrical Connection Diagram	28
Identification and Handling of Common Faults	29
Non-Malfunction Conditions During Operation	30

Safety Precaution

The following are all important safety precautions. Please strictly observe them and ensure proper use based on a full understanding of the content.

Special Precaution

- Before cleaning this appliance, providing installation or repair services, it is essential to disconnect the power supply to avoid electric shock.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- The maximum permissible altitude for operating the refrigerator is 4000 meters.
- This appliance incorporates an earth connection for functional purposes only. It must be plugged into a dedicated, properly grounded outlet. The power cord of the refrigerator is equipped with a three-prong (grounding) plug and must be connected to a standard three-prong (grounding) socket.
- For moving the appliance, please refer to the installation instructions.
- **WARNING:** Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- **WARNING:** Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- **WARNING:** Do not damage the refrigerant circuit.
- **WARNING:** Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- The refrigerator contains flammable refrigerants and foaming materials. It is essential that these substances are managed by qualified recycling companies, ensuring that the refrigerant pipelines and foaming cabinets remain intact prior to disposal.
- Do not store explosive substances such as aerosol cans with a flammable propellant or strongly corrosive chemicals (e.g., acids, alkalis) in this appliance.

- This appliance is intended to be used in household and similar applications such as:
 - staff kitchen areas in shops, offices and other working environments;
 - farm houses and by clients in hotels, motels and other residential type environments;
 - bed and breakfast type environments;
 - catering and similar non-retail applications. **Warning:** When positioning the refrigerator, ensure the power cord is not pinched or damaged.
- **WARNING:** When positioning the appliance, ensure the supply cord is not trapped or damaged.
- **WARNING:** Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- The precautions to be observed during installation are detailed in the "Installation Instructions".
- **WARNING:** To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.
- The space dimensions required for the installation of the appliance, the dimensions and positions of devices for supporting and securing the appliance within this space, the minimum clearances between various parts of the appliance and surrounding structures, and the connection to the power supply are detailed in "Installation Instructions".
- After the installation of the appliance, if the power plug is not accessible, a fixed wiring switch that complies with relevant wiring regulations should be used to disconnect the power supply for maintenance or in case of emergencies.
- When disconnecting the power cord from the socket, avoid pulling on the cord. Instead, firmly grasp the plug and pull it directly out of the socket. Before any cleaning, maintenance, or replacement of damaged lighting equipment, the refrigerator's power plug must be disconnected to prevent the risk of electric shock. If the power cord is found to be damaged, it must be replaced by the manufacturer, its service agencies, or similar professionals to avoid danger.
- Users are prohibited from disassembling the refrigerator independently or modifying any internal wiring, components, or protective devices. The refrigeration system pipeline contains refrigerant and must not be damaged. Repairs to the refrigerator must be performed by professionals.
- During operation, please ensure that the power plug is fully inserted into the socket and maintains good contact. Failure to do so may result in a fire hazard!

- When an extension cord socket is necessary, please use an extension cord socket that complies with national standards.
- If the product demonstrates any abnormal noise, odor, elevated temperature, or malfunctions, please cease usage immediately, turn off the switch and disconnect the power supply.
- Due to the flammable nature of R600a refrigerant, it vaporizes into a gas upon leakage, which is heavier than air and may accumulate in low-lying areas and pose a flashover hazard when exposed to open flames at concentrations around 38g/m³. The piping of the refrigerator contains refrigerant. In the event of an abnormal situation, please ensure to open doors and windows for ventilation before disconnecting the power supply. This precaution helps prevent the accumulation of refrigerant in low-lying areas, thereby mitigating potential hazards!
- Power must not be drawn from the lamp base with a socket to supply household appliances.
- If an extension cord is used, the total rated current of household appliances connected to the extension cord must not exceed the rated current of the original fixed socket or circuit.
- The refrigerator must not be operated in proximity to flammable or explosive materials, nor in similar environments to avoid fire hazards.

Warning: If product damage occurs as a result of your actions (e.g., improper use, installation, or repair), you will not qualify for the company's five-year complimentary warranty service.

Please carefully read this manual prior to use and adhere strictly to the requirements provided, particularly those concerning critical safety matters. The company disclaims any legal liability for personal injury or property damage resulting from improper use of the product.

Caution: Tempered glass is applied to the products of the company and the tempering treatment of the glass determines the extremely little possibility of spontaneous explosion. If the occurrence of spontaneous explosion is not due to improper use, our company promises free replacement of the accessories. The possibility of tempered glass breaking can be significantly increased in the following situations, which should be avoided: For instance, hitting the glass, especially the corners of the glass, with cooking utensils or other hard objects; Put the glass in an extremely hot or cold environment or an environment where heat and cold are excessively alternated.

If any provision in this manual conflicts with mandatory national laws or regulations, the applicable legal provisions shall prevail.

Warning

- To prevent damage to the power cord, ensure that the refrigerator body does not exert pressure on the power cord and avoid stepping on it. Exercise caution when moving the refrigerator away from the wall to prevent rolling over the cord.
- For safety reasons, it is advisable to avoid placing power sockets, voltage stabilizers, microwave ovens, or any other appliances on the refrigerator top. Do not use electrical appliances inside the refrigerator (except for those models that are recommended) to avoid electromagnetic interference or other accidents.
- If the illumination light or the ambient lighting of the refrigerator is not functioning properly, do not attempt to replace it yourself. Instead, please contact FOTILE customer service hotline for on-site repair.
- Do not spray or rinse the refrigerator with water, as this may lead to rust formation and compromise electrical insulation.
- Under no circumstances should the third prong (grounding) of the power cord be removed or detached.
- The product generates trace amounts of ozone during operation, which pose no harm to the surrounding environment or human health.
- Do not place unstable items (heavy objects, containers filled with water) on top of the refrigerator to prevent injury or water spillage that could lead to electric shock.
- Power supply: This series of products operates on AC 220~240V/50Hz. Significant voltage fluctuations (beyond the range of 187 V ~ 264V) may lead to malfunctions or damage to the refrigerator. In such cases, an automatic voltage stabilizer at 750W or above must be used.
- Before performing maintenance or repairs, unplug the power cord from the socket or disconnect the power supply by other equivalent means, and allow sufficient time for the refrigerator to cool down to room temperature.
- Upon completion of maintenance, please ensure that there are no abnormalities prior to restoring power, and check that all functions are operating normally.

Caution

- The product is a household refrigerator. In accordance with national standards, household refrigerators are only intended for the storage of food items and are not suitable for other purposes, such as the preservation of blood, pharmaceuticals, or biological products.

Installation Instructions

Caution

- The product is a household refrigerator. In accordance with national standards, household refrigerators are only intended for the storage of food items and are not suitable for other purposes, such as the preservation of blood, pharmaceuticals, or biological products.
- Special Precautions for Children:
When the refrigerator is no longer in use and has been discarded, keep it away from sources of fire to prevent any accidents. Additionally, the door seal, and shelves should be removed. The door and shelves must be positioned appropriately to prevent children from accessing the interior of the refrigerator and potentially causing accidents. Avoid allowing children to hang on the door to prevent the door from tilting or the refrigerator from toppling, causing personal injury.
- During power outages or cleaning, it is essential to disconnect the power cord or shut off the power supply. Please allow a minimum of 7 minutes before reconnecting the power to avoid damage to the compressor caused by continuous startup.
- Refrain from touching the cold metal surface of the freezer compartment with your hands after the refrigerator has commenced operation, particularly if your hands are wet. Otherwise, your skin may stick to these cold metal surfaces.
- When opening or closing the refrigerator door, please do not put your hand into the gaps between the doors or between the door and the refrigerator body, as these spaces are very narrow and may cause finger injury.
- It is essential to keep children at a safe distance when opening or closing the refrigerator door in order to prevent any potential injuries.
- Do not place bottled beer, beverages, and similar items in the freezer compartment to avoid breakage.

Advertisement

- The refrigerator should be positioned away from heat sources and direct sunlight to prevent any adverse effects on its performance.
- The refrigerator should be placed in a well-ventilated area, avoiding locations that are damp or prone to splashing. Splashed water and dirt should be wiped promptly with a soft cloth to prevent rust and affect the electrical insulation performance.

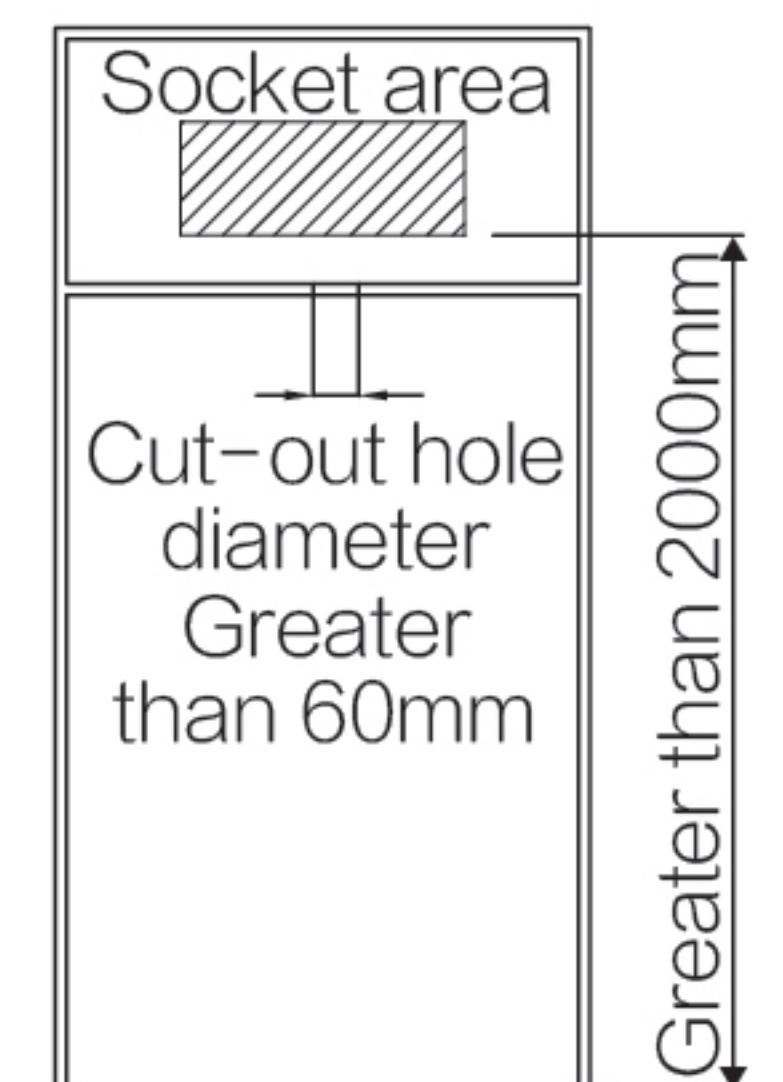
■ Installation Precautions

1. Position the refrigerator in an area that satisfies the following criteria.
 - (1) The refrigerator should be placed on a level and sturdy surface.
 - (2) Avoid placing it in proximity to heat sources or exposing it to direct sunlight.
 - (3) Ensure that there is unobstructed ventilation at the bottom of the refrigerator.

Caution: Failure to install as instructed may lead to increased noise and changes in power consumption.

2. Recommended location for power socket installation.

The socket is recommended to be installed above the rear of the refrigerator at a height exceeding 2000 mm. The diameter of the power cord outlet hole in the cabinet panel located beneath the socket should be greater than 60 mm.

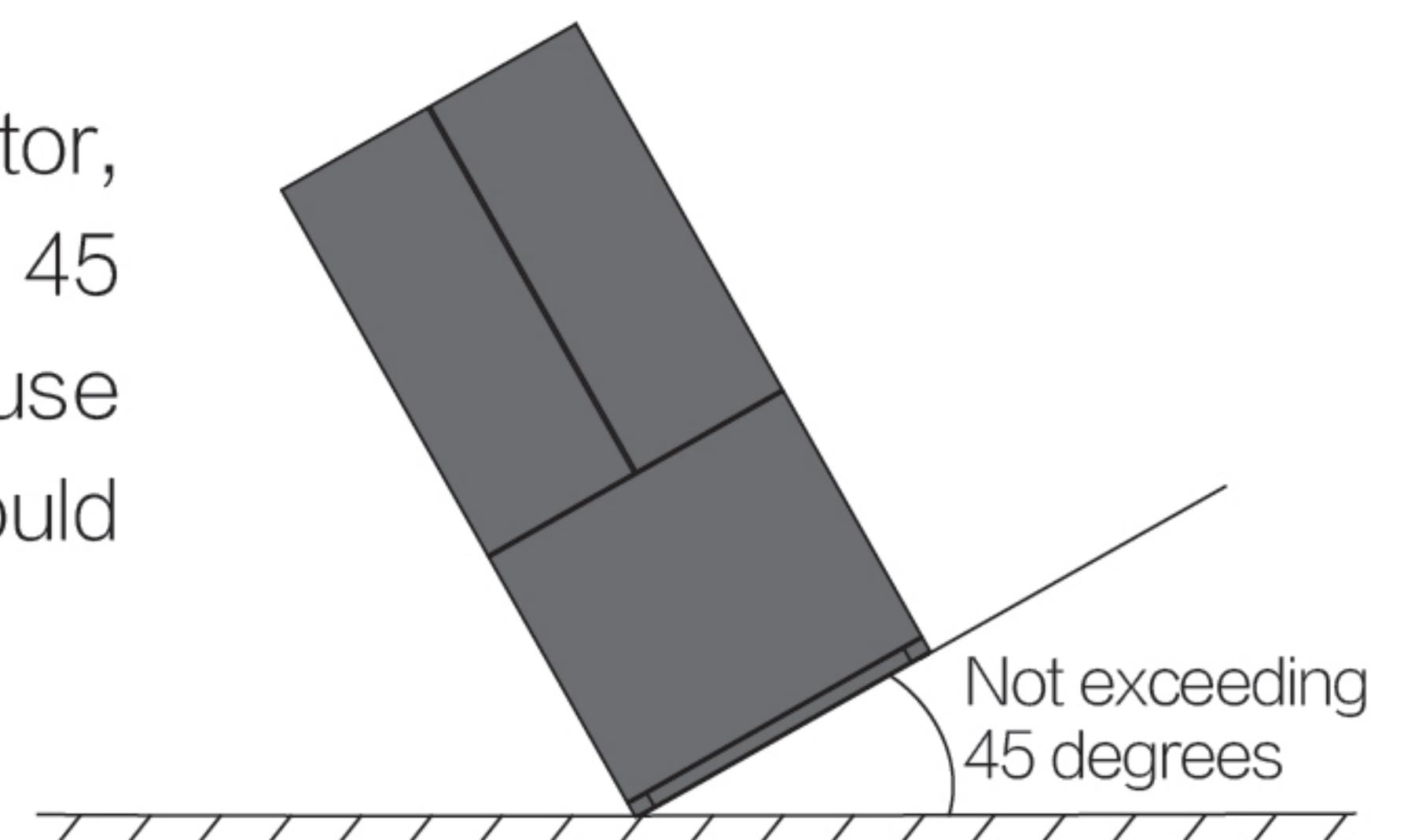


3. Refrigerator transportation

- (1) Unplug the power cord or disconnect the power supply.
- (2) Remove all food items from the refrigerator.
- (3) Secure movable parts such as refrigeration shelves, drawers in the refrigerator compartment, and drawers in the freezer compartment with tape.
- (4) Close the refrigerator doors tightly and secure them with tape to prevent them from opening during transportation.

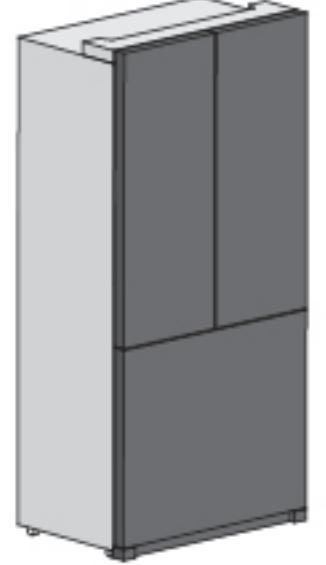
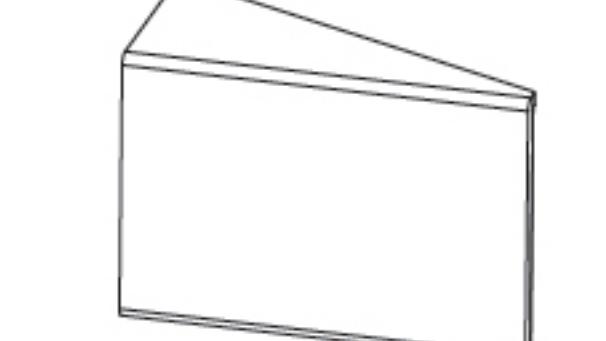
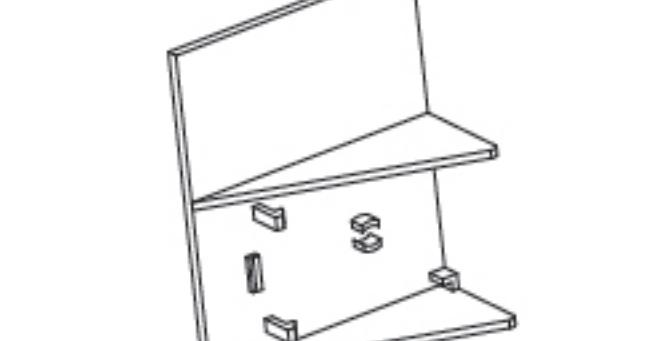
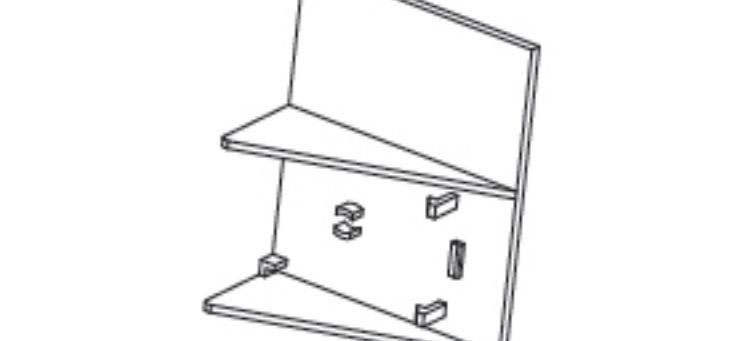
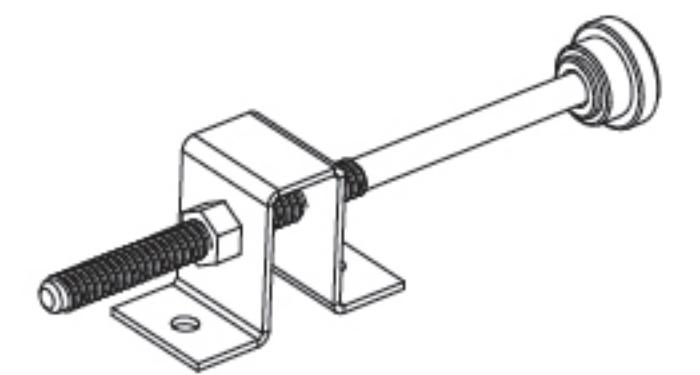
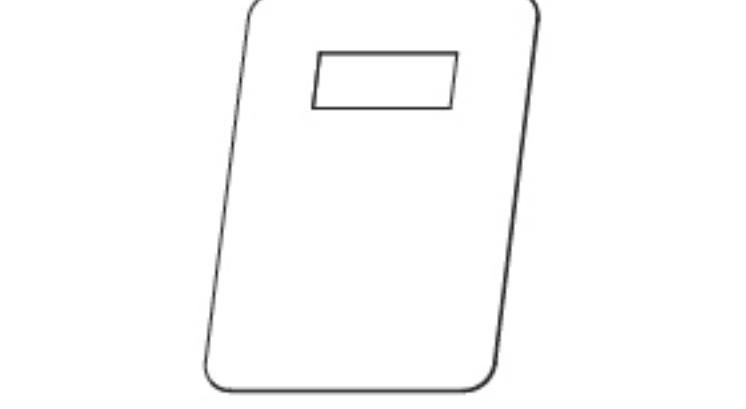
The refrigerator should never be laid flat at any time.

Caution: When transporting the refrigerator, the maximum tilt angle must not exceed 45 degrees. Exceeding this limit may cause damage to the cooling system, which could adversely affect its normal operation.



■ Packing List

Please check the following components for any missing item after unpacking

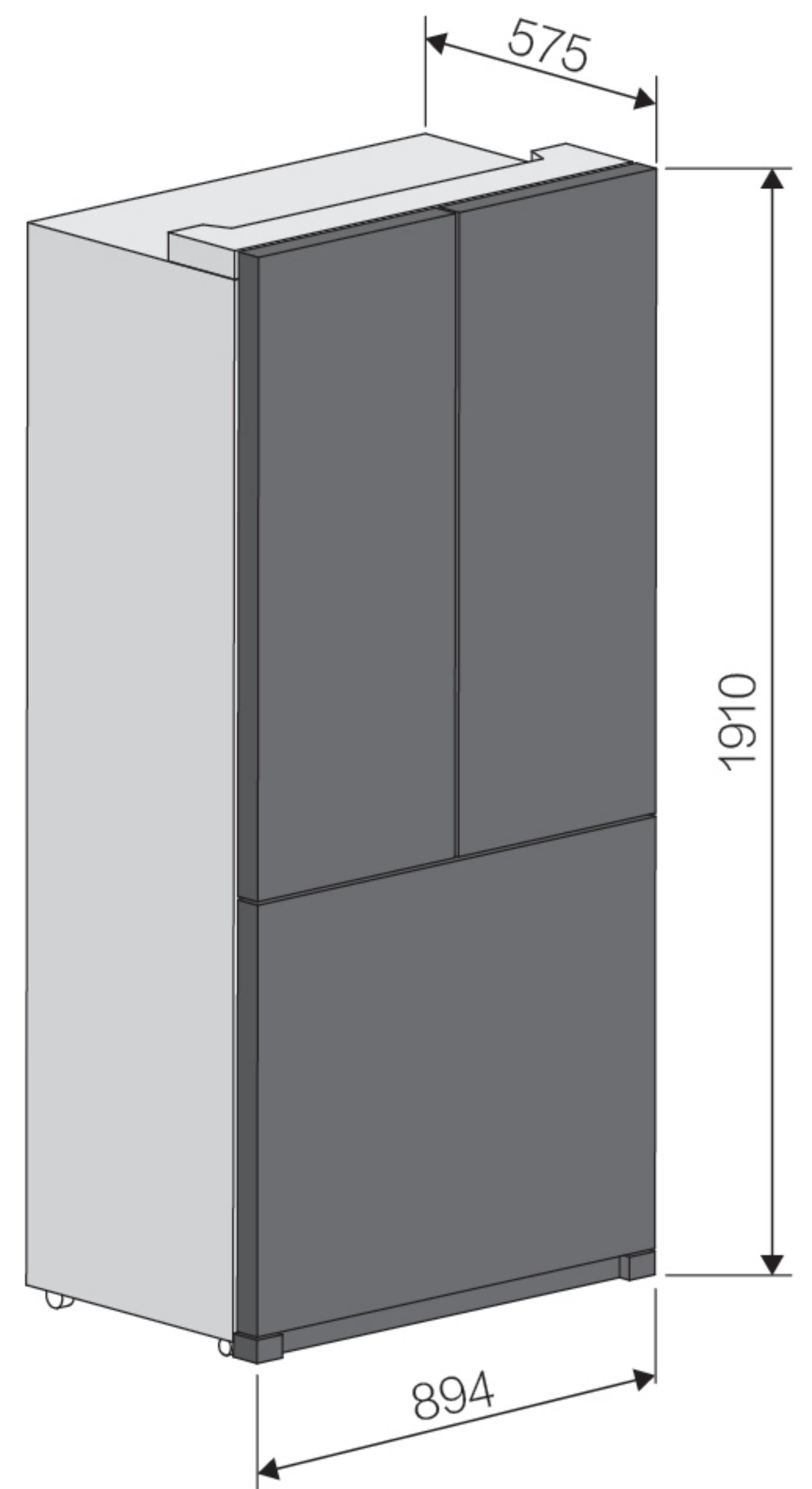
			
Main unit 1 x	User Manual 1 x	Lower Hinge Cover 1 x	Adjustable Spacer 4 x
			
Adjustment Column 2 x	Middle Hinge Cover 2 x	Right Upper Hinge Cover 1 x	Left Upper Hinge Cover 1 x
			
Depth Adjustment 2 x	Screw M4*16 4 x	Warranty Card 1 x	Height-Adjustment Spacer 2 x

If any items are found to be missing or damaged:

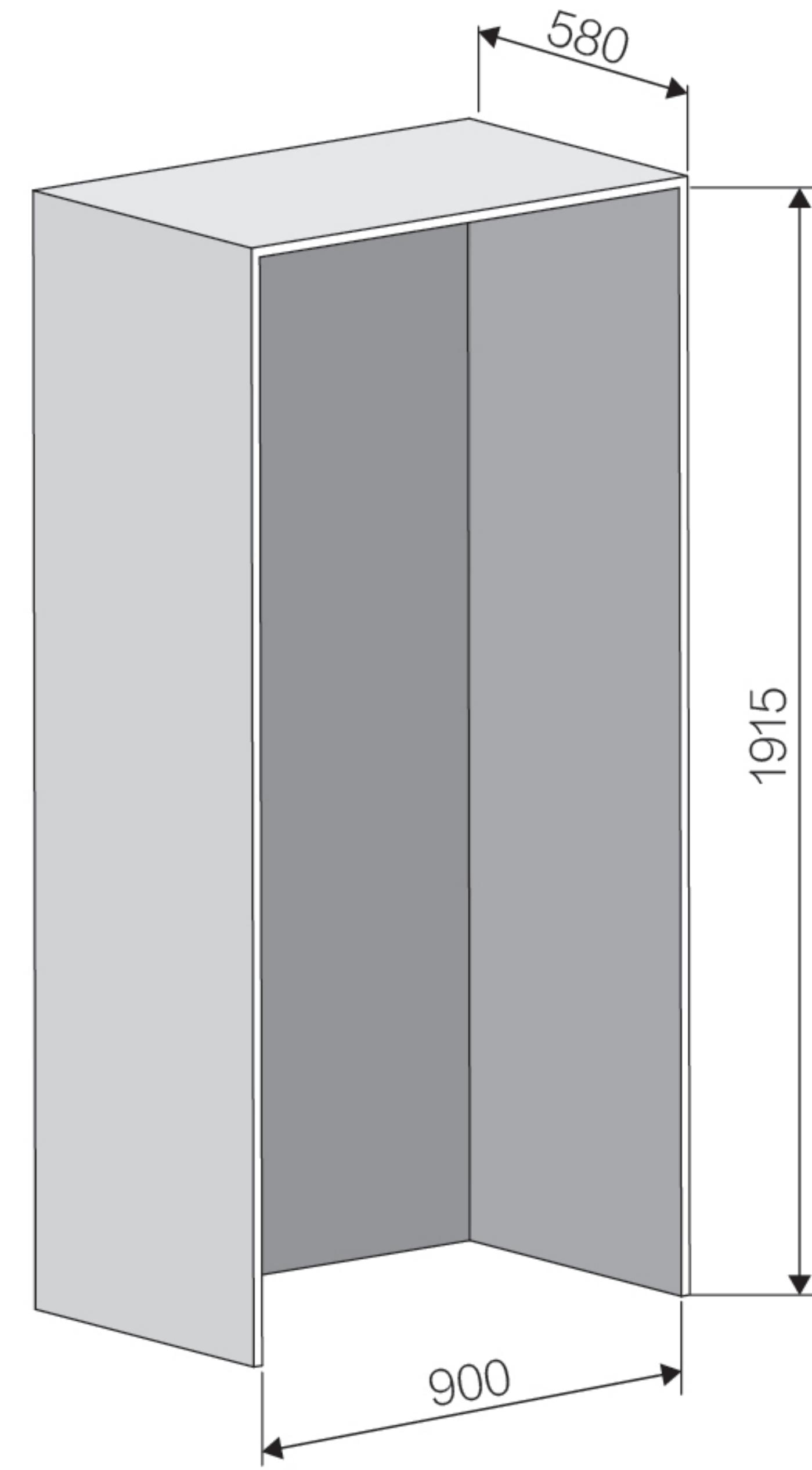
1. If the responsibility lies with our company or the retailer, please reach out to the retailer for assistance.
2. If it is the user's responsibility, please contact the FOTILE customer service hotline. Due to continuous updates of the product, if there is any discrepancy between the actual product and the picture, please refer to the actual product.

■ Installation Diagram

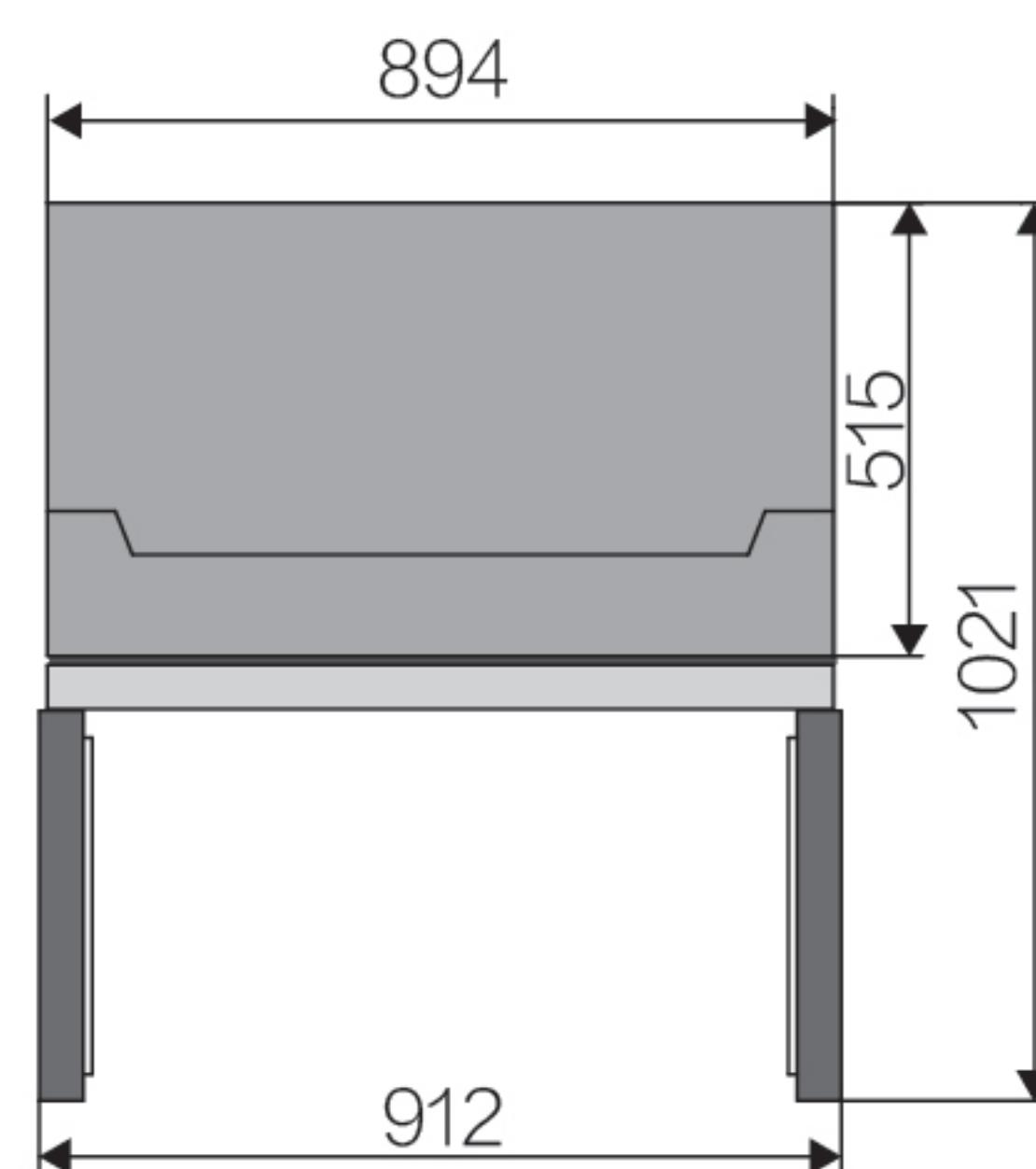
Required space and reserved installation dimensions inside the cabinet



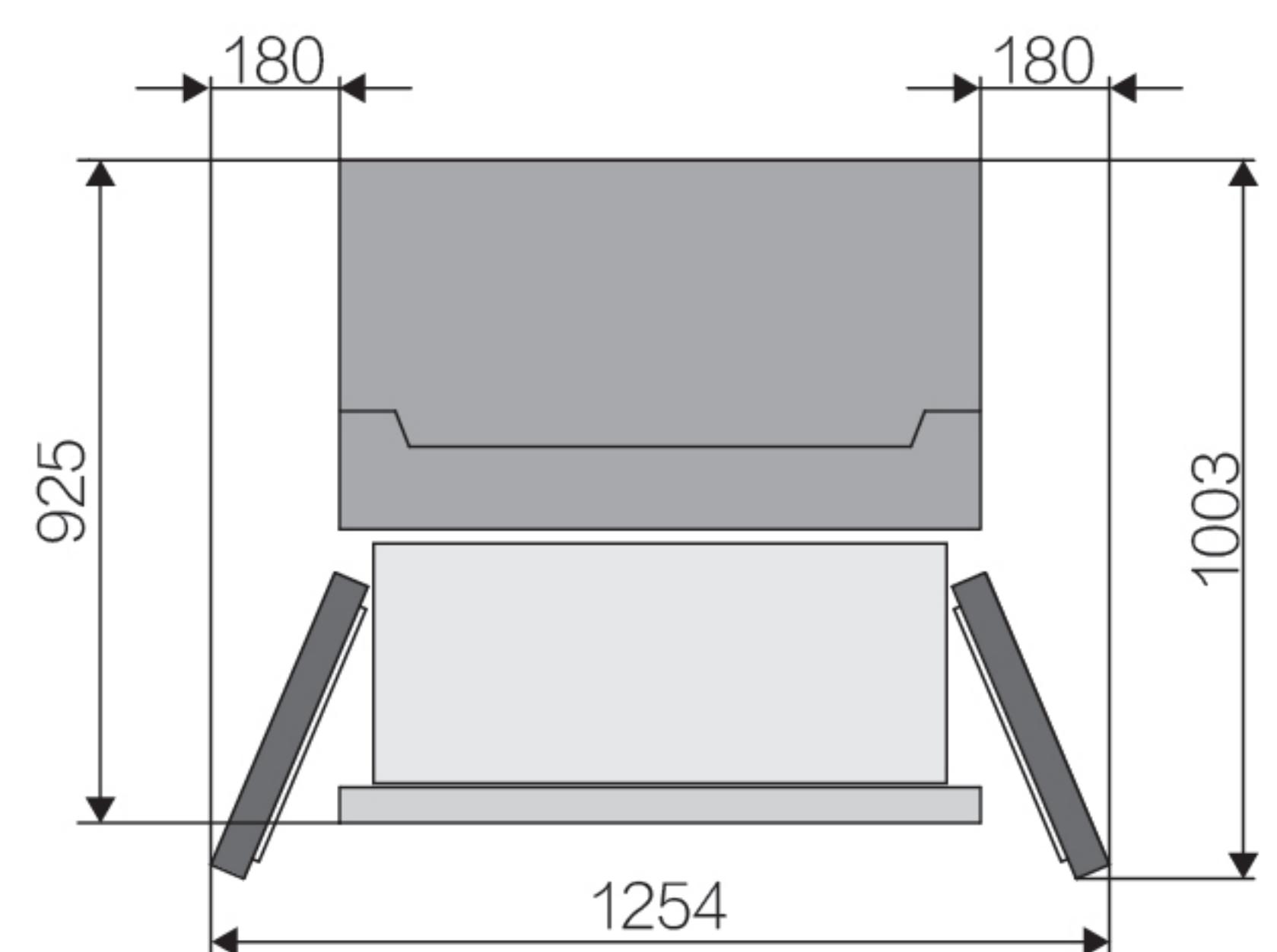
External dimensions of the refrigerator



Minimum internal dimensions of the cabinet



Top view
(Refrigerator compartment door opened to 90 degrees)



Top view
(Refrigerator compartment door opened to the maximum angle, freezer compartment door fully extended)

Note: The above dimensions are design dimensions in millimeters.

Discrepancies may occur due to variations in measurement techniques.

The minimum installation clearance between the refrigerator and surrounding structures is 0. However, due to factors such as cabinet deformation, uneven flooring, and manufacturing tolerances of the refrigerator, the internal dimensions of the cabinet must meet the following minimum requirements when the refrigerator is installed as a built-in unit:

	External dimensions of the refrigerator (mm)	Minimum internal dimensions of the cabinet (mm)
Width	894	900
Depth	575	580
Height	1910	1915

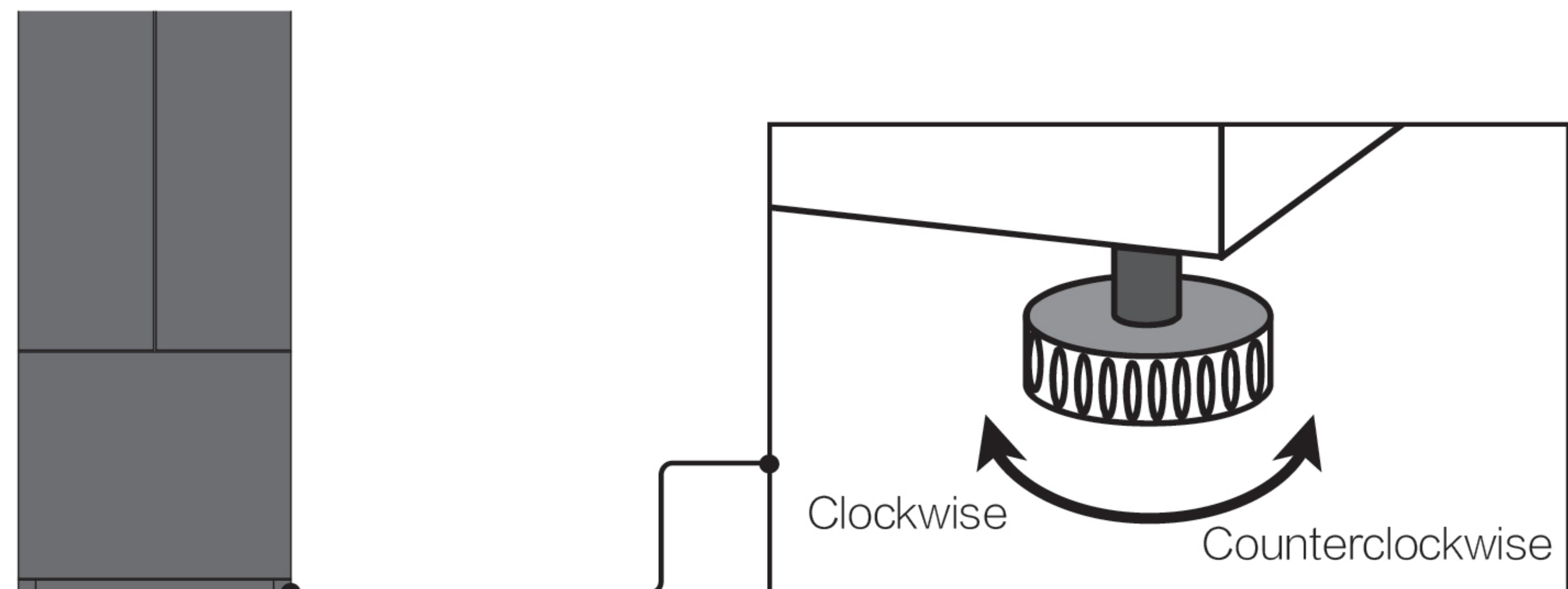
Notice: 1.If the internal dimensions of the cabinet are smaller than the specified minimum, the refrigerator may not be able to be installed.
2.The vertical deviation of the cabinet side panels must be within 1 mm. If this tolerance is exceeded, the refrigerator may not fit properly, or uneven gaps may occur after installation, affecting the overall appearance.

■ Installation Procedures

1. Leveling the refrigerator

After transportation and handling, the refrigerator may be lean forward, tilt backward, or become uneven top. The refrigerator can be leveled using adjustable feet and height adjustment spacer.

- Rotate clockwise to increase the height of the refrigerator.
- Rotate counterclockwise to decrease the height of the refrigerator.



Notice: (1)The diameter of the adjustable feet is approximately 3.5 cm. The adjustable feet can also prevent the refrigerator from moving.

(2)The adjustable range is approximately 10mm. If the uneven ground affects the adjustment height, height-adjustable shims can be placed under the feet to increase the adjustment range.

2. Leveling the door

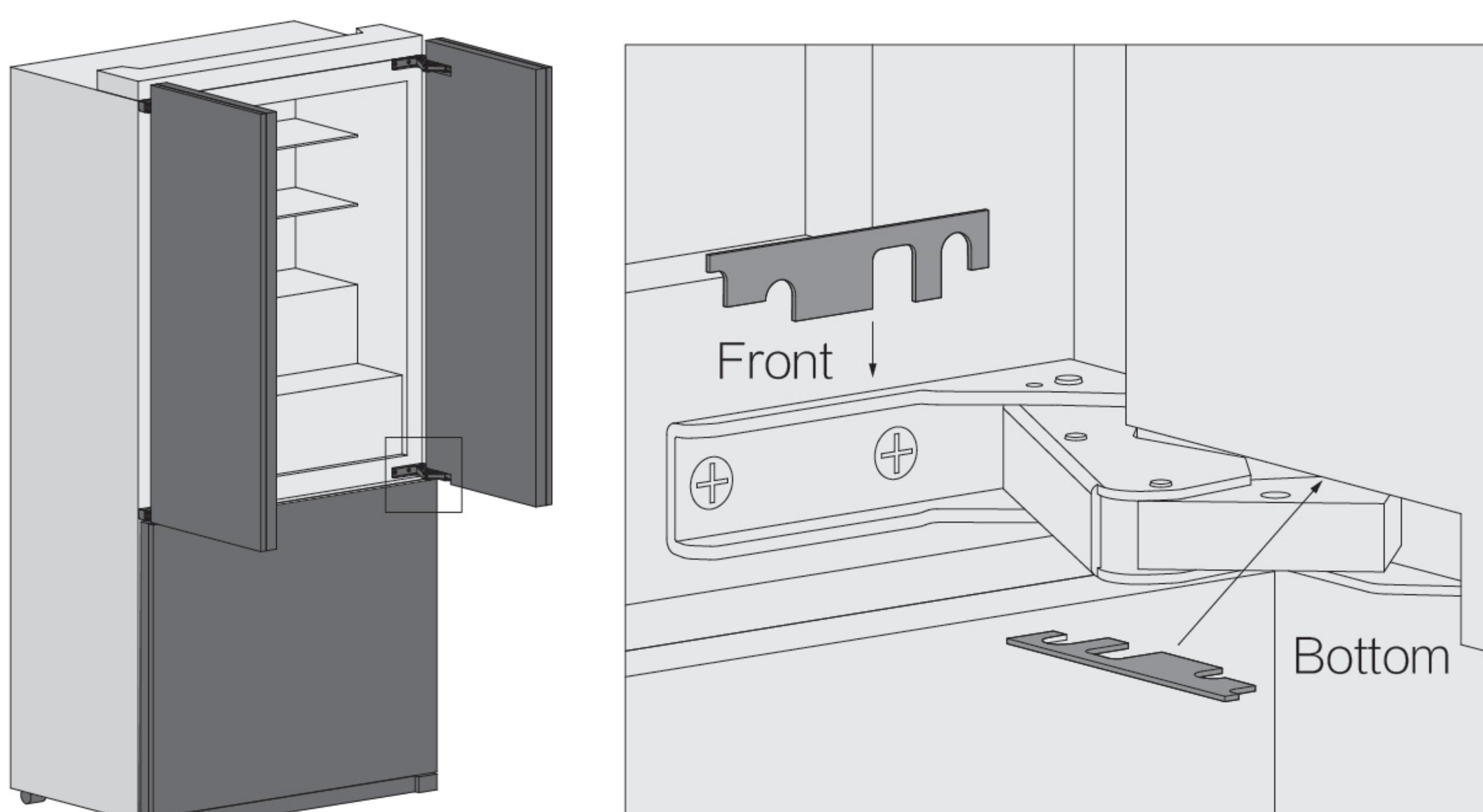
After transportation and handling, the refrigerator door may become uneven. To adjust the door's height or front-to-back leveling, you can add adjustable shims at the hinge connection points.

Before adjustment, gently push the screw covers on the front of the hinges toward the center of the refrigerator and remove them to expose the front screws.

If the door is uneven front-to-back, loosen the two screws on the front of the hinge and place shims at the positions indicated in the diagram before tightening the screws again. If the door is uneven top-to-bottom, loosen the corresponding screw at the bottom of the hinge (or at the top if it's the upper hinge) and insert the shim.

The following diagram illustrates the positions for installing shims on the middle hinge.

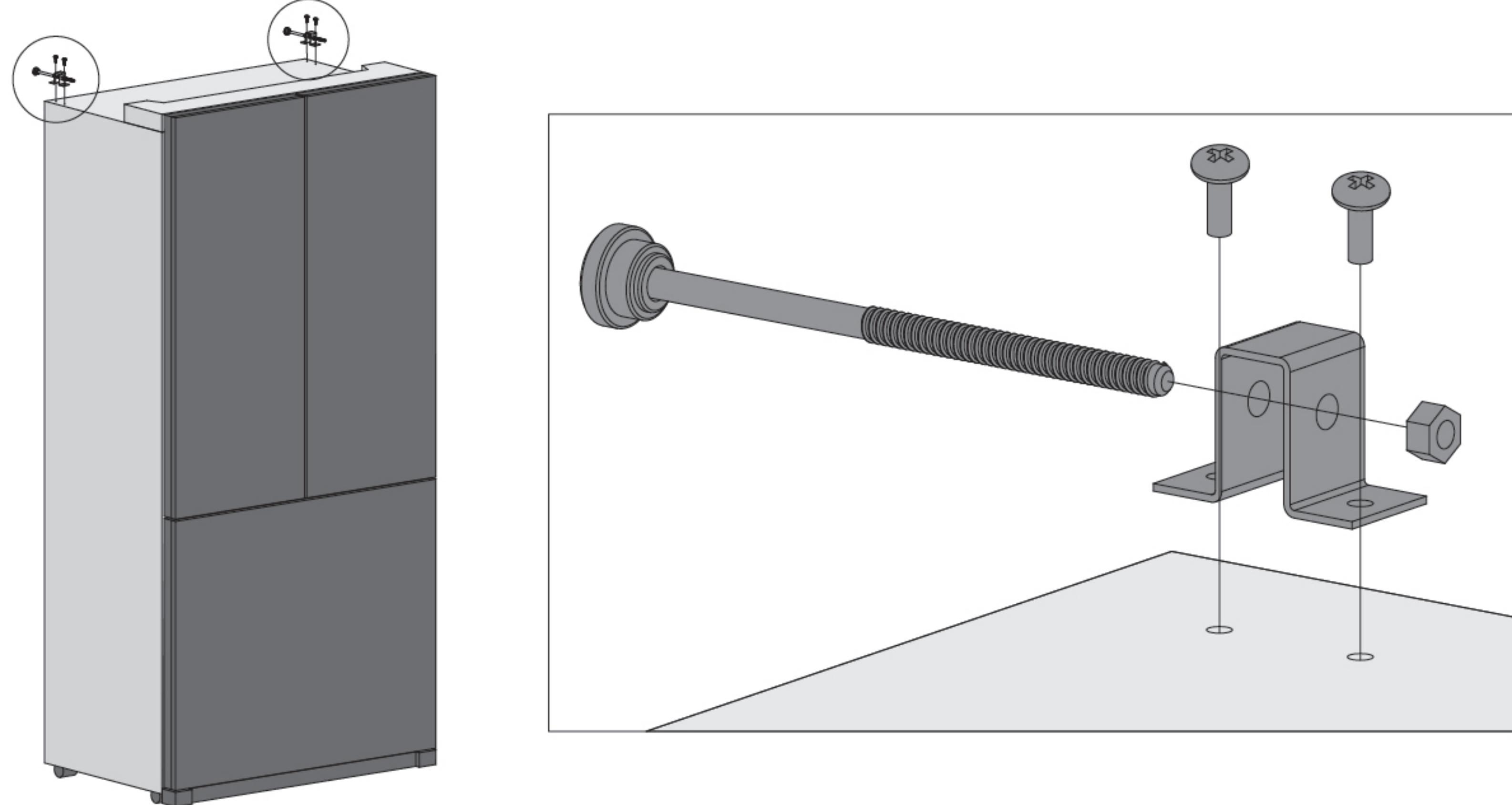
Notice: Both the middle and upper hinges can be adjusted by adding shims, but it is preferable to prioritize adjusting the middle hinge for convenience.



3. Install the middle hinge cover, left upper hinge cover, and right upper hinge cover.

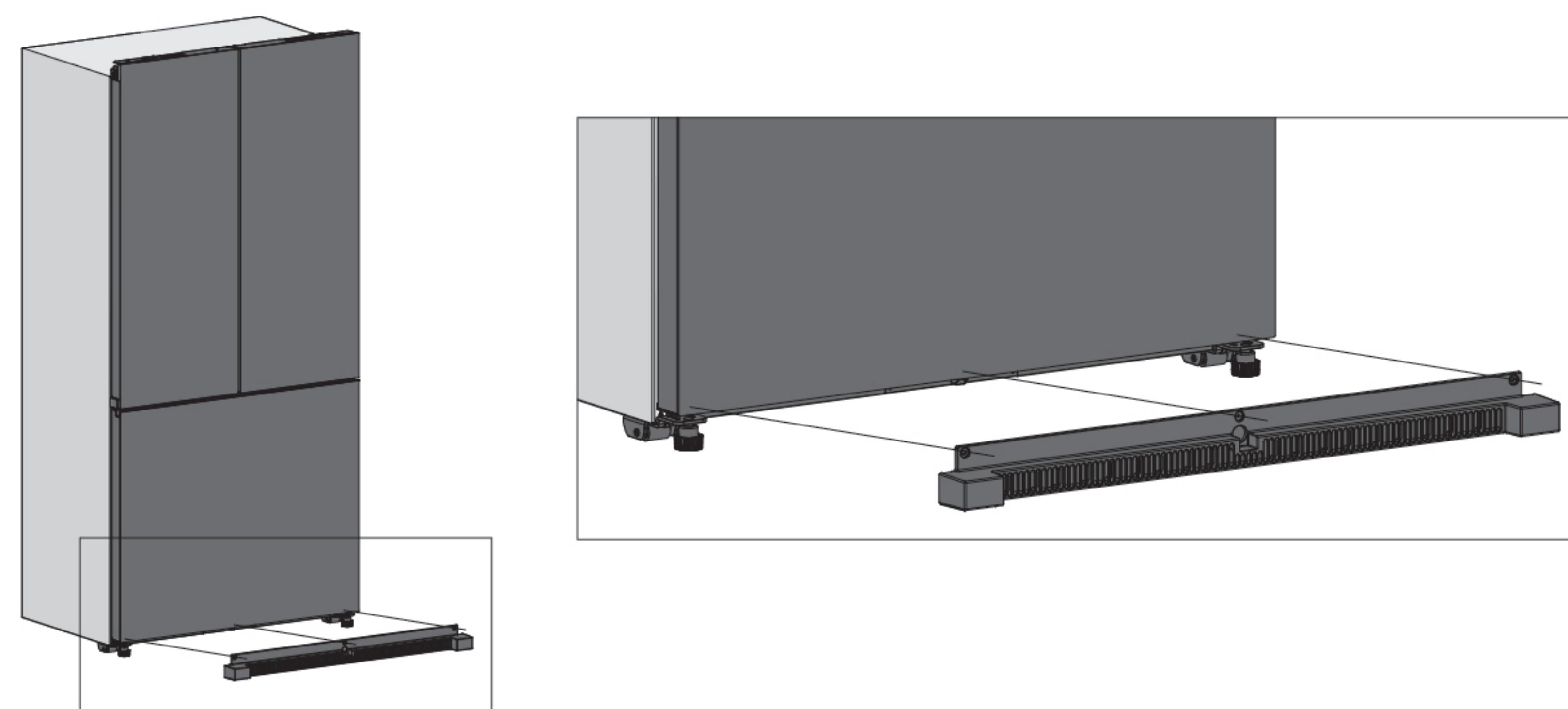
4. Install the depth adjustment

If the refrigerator moves backward during the opening or closing process, you can install the depth adjustment component on the upper rear side of the refrigerator using the M4*16 screw and rotate the screw on the adjustment component to the appropriate position (until the silicone pad on its back touches the wall).



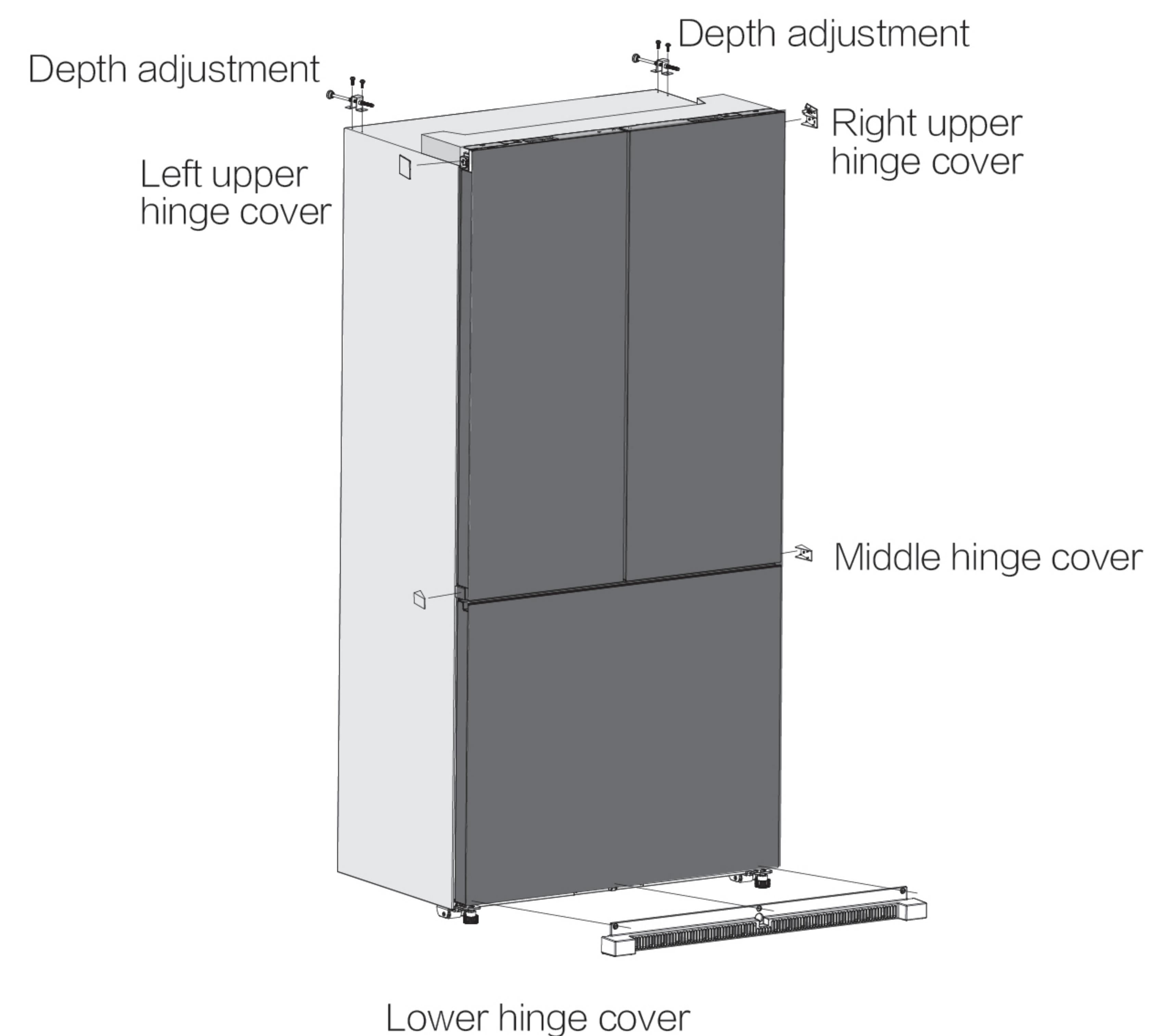
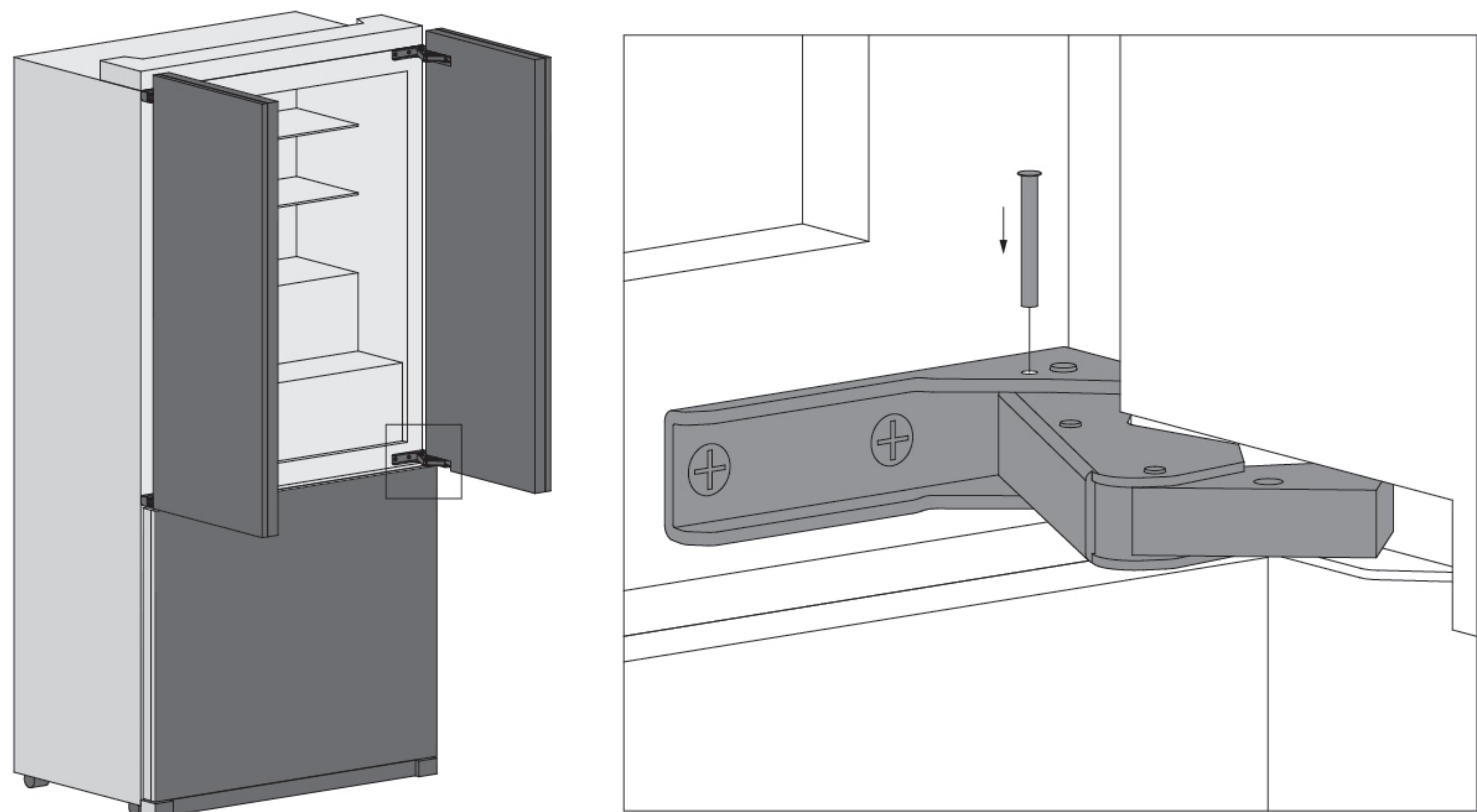
5. Install the Lower Hinge Cover

Remove the lower freezer drawer (specific methods can be found in the Cleaning, Maintenance, and Care section).Unscrew the three corresponding screws at the bottom (one on the left, one in the middle, and one on the right).Place the lower hinge cover in the corresponding position and reinstall the three screws onto the refrigerator. Once the lower hinge cover is securely fastened, replace the lower freezer drawer back into its original position.



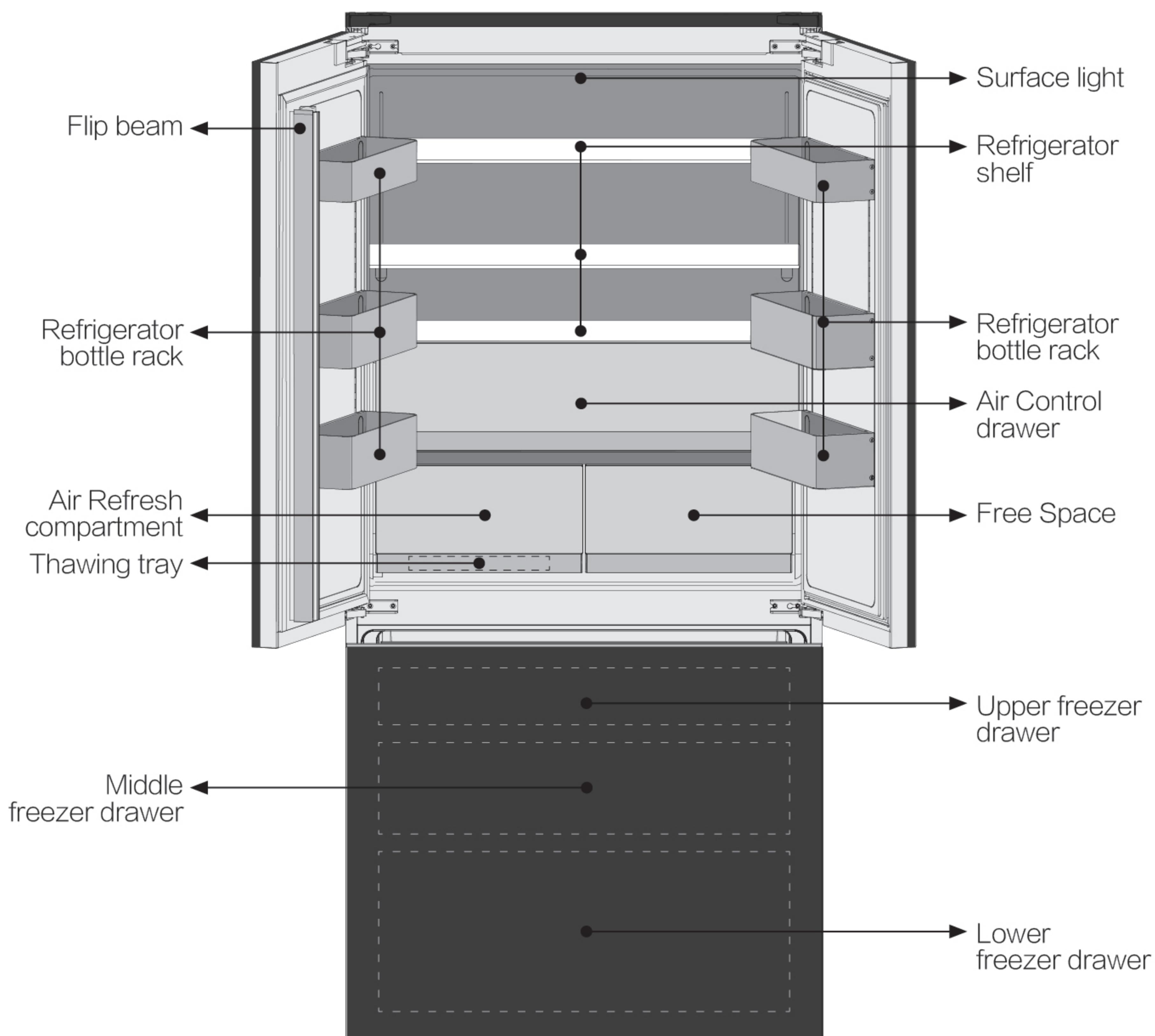
6. Install the Adjustment Column

If the refrigerator is flush against the wall on the side, you can open the refrigerator door and install the adjustment column on the corresponding middle hinge (refer to the positions shown in the figure below).Adjust the door opening angle to approximately 90 degrees.



■ Main Technical Specifications

■ Product Diagram



Notice: The product diagram may slightly differ from the actual product. Please refer to the actual product.

Model	H508W-F20
Climate Class	SN, N, ST, T
Electric Shock Protection Class	I
Total Volume	508L
Refrigerator Compartment Volume	320L
Freezer Compartment Volume	170L
Variable Temperature Compartment Volume	18L
Rated Voltage	220-240V~
Rated Frequency	50Hz
Rated Current	1.4A
Defrost Input Power	250W
Levels of Noise	36dB(A)
Refrigerant Charge Amount	R600a 65g
Absorption Or Decomposition Rate	>99%
Sterilization Rate	≥99%
Net Weight (kg)	161
External Dimensions (Width x Depth x Height) (mm)	894x575x1910

Due to continuous research and improvements, parameters of the product may change without prior notice. Please refer to the parameters on the refrigerator nameplate.

Technical Data Description:

The product is a built-in appliance.

1. The operating ambient temperature for the refrigerator is 10-43°C when the climate type is SN, N, ST or T.

Warning: The refrigerator is not designed for operation in excessively high or low ambient temperatures. Operating outside the rated climate type (ambient temperature range) may lead to unsatisfactory compartment temperatures.

2. The labeled "Noise (sound power level)" is tested in a sound-insulated chamber as specified by the national standard IEC62552, at an ambient temperature of 23°C. After operating for at least 16 hours, and once the refrigerator and freezer compartments have reached the specified

temperatures and stable operation is achieved, the noise is measured. According to the standard, the refrigerator is placed as if positioned against a wall, and measurements are taken from six test points located 1 meter away from the front, left, right, and top surfaces, forming a rectangular hexahedron. Noise levels are recorded over at least three on/off compressor cycles. During use, various factors such as the loading of food items, environmental noise, door opening and closing, and compressor on-off cycles may cause the actual noise levels to differ from the labeled value. This variation is considered normal.

3. The variable temperature compartment is composed of the refrigerator compartment and the 0-star compartment.
4. The labeled absorption or decomposition rate refers to that of trimethylamine is adsorbed or decomposed in the refrigerator compartment when the instant deodorization function is activated.
5. The product is manufactured using the plasma sterilization technology. The labeled sterilization rate is the rate of sterilization against *Escherichia coli* and *Staphylococcus aureus* when the Air-Circle Pro function is activated in the refrigerator compartment.

■ Food Storage in Functional Areas

Due to the circulation of cold air and the settings of functional areas inside the refrigerator, temperature differences exist across different areas. Consequently, it is essential to place various food items in their respective temperature areas.

1. Refrigerator compartment

The temperature for the refrigerator compartment is set between 2°C and 8°C and can be adjusted according to needs, making it suitable for storing a variety of items including cooked foods, eggs, beverages, condiments, as well as various canned and bottled foods.

2. Air control drawer

The Air Control drawer is suitable for storing fruits and vegetables. This drawer generates elevated concentrations of nitrogen, thereby prolonging the storage time of fruits and vegetables. Fresh leafy vegetables tend to release moisture, which can lead to condensation within the compartment. To prevent this from impacting the freshness of other fruits and vegetables, it is advisable to place leafy greens in a packaging bag prior to storing them in the drawer.

3. Air refresh compartment

The air refresh compartment is a variable temperature compartment featuring 3 modes: thawing, soft freeze, and ice-fresh.

The thawing mode is designed for defrosting of meat or seafood. In soft freeze mode, temperatures are maintained below zero, rendering it ideal for the short-term storage of meat and seafood. However, this mode is not suitable for preserving vegetables, fruits, or eggs. In ice-fresh mode, the temperature remains above zero, suitable for storing beverages, bottled foods, etc.

4. Free Space

The free storage drawer is suitable for storing cooked food, beverages, various canned goods, etc.

5. Freezer compartment

The temperature for the freezer compartment is set between -15°C and -24°C. This range can be adjusted as needed. The compartment is intended for storing ice cream, frozen foods, and food items intended for long-term storage.

Precautions for using the freezer compartment:

- (1) It is best to wrap frozen foods prior to freezing
- (2) Avoid excessively loading the drawer with an abundance of food items
- (3) Avoid refreezing thawed foods

Use Instructions

■ Usage Precautions

1. Energy-saving precautions

- (1) Minimize the duration and frequency of door openings. For example: Systematically organize food storage to minimize the time spent opening the door when retrieving items.
- (2) Cover or wrap food items prior to storage.

2. Allow to stand

After the delivery and transportation of the refrigerator, it is required to allow it to stand for a minimum of 2 hours prior to installation and powering on. This practice ensures normal operation of the refrigerator.

3. Cleaning

The interior of the refrigerator has been cleaned at the factory. However, it is best to wipe it with warm water and a small amount of neutral detergent prior to use. Subsequently, rinse thoroughly with clean water and completely dry the refrigerator (electrical components such as "switches" and "illumination light" should only be wiped with a dry cloth).

4. Power supply

The refrigerator is designed for a voltage range of 187–264V and a frequency of 50 Hz. If the voltage falls outside this range, a suitable AC voltage stabilizer must be installed to ensure the refrigerator functions properly.

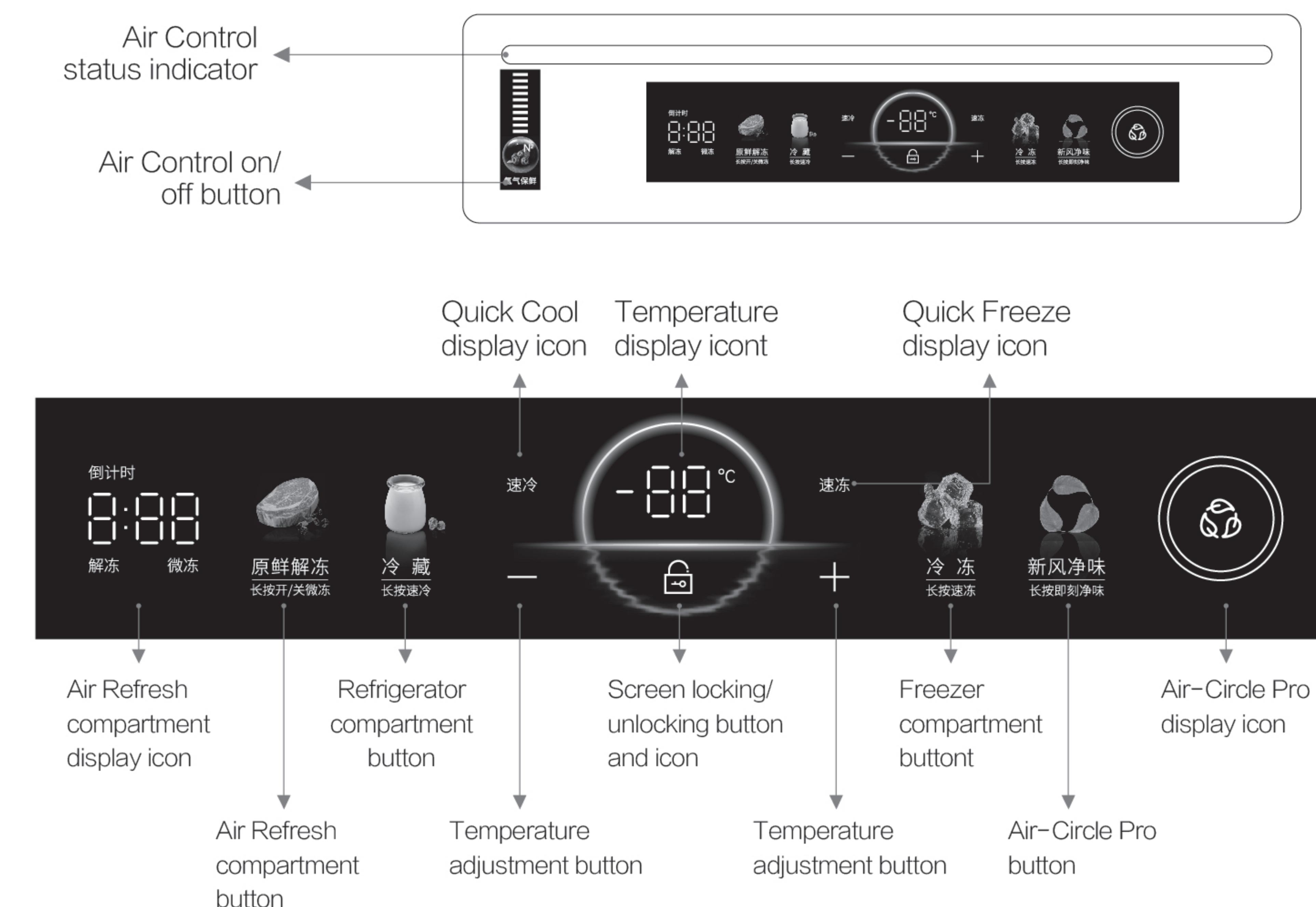
5. Initial power-on

When the refrigerator is initially connected to the power supply, users may operate it using the default settings. The default setting for the refrigerator compartment is 4°C, and the freezer compartment is set to -18°C.

6. Cooling

When the power is connected, the illumination light of the refrigerator compartment turns on, and the compressor starts up automatically. The freezer compartment door can be opened after 30 minutes. A decrease in the temperature of the freezer compartment signifies that the cooling system is functioning properly. Once the refrigerator has reached its optimal cooling temperature, food items may be placed inside. Typically, it takes approximately 2–3 hours for food items to cool completely. However, due to elevated ambient temperatures in summer, this process may extend beyond 4 hours.

■ Interactive/Control Interface



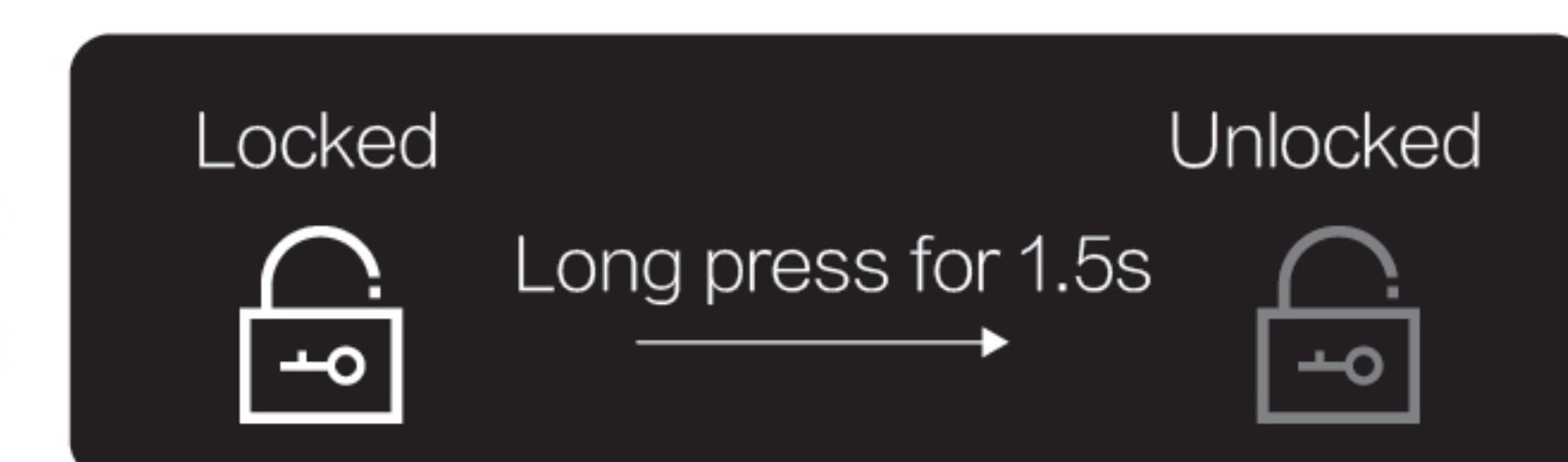
■ Operating Instructions

Description of function buttons

1. Screen Unlock and Lock

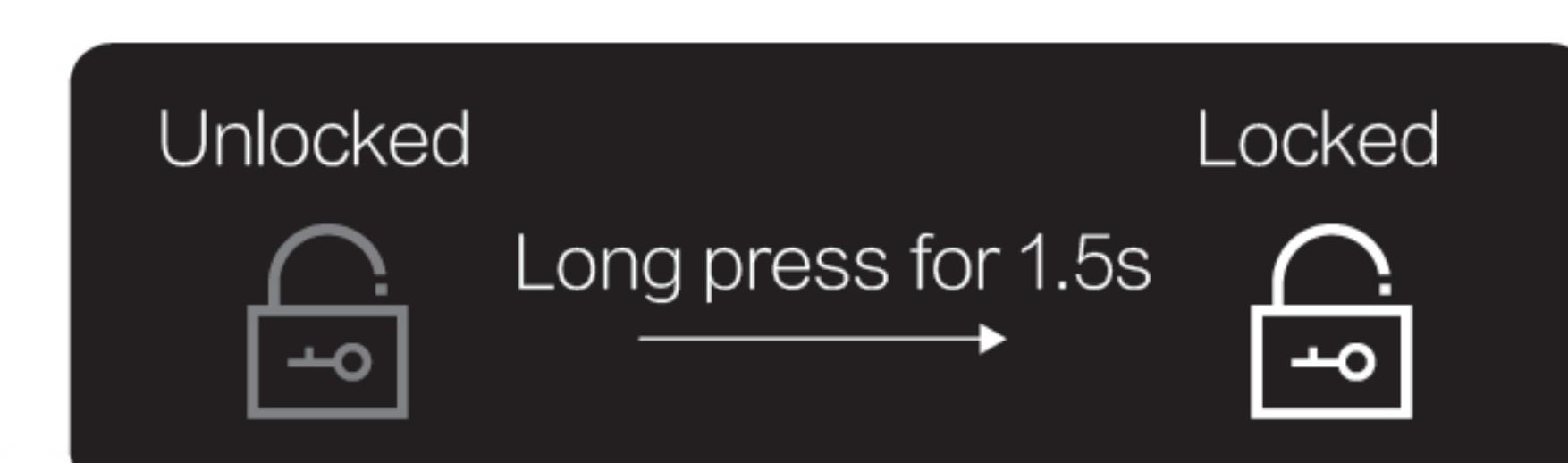
(1) Manual unlock

In the locked state, press and hold the "Screen Lock" icon for 1.5s. The buzzer will emit a single beep, the "Screen Lock" icon will dim, and the screen will subsequently unlock.



(2) Manual screen lock

In the unlocked state, press and hold the "Screen Lock" icon for 1.5s. The buzzer will emit a single beep, the "Screen Lock" icon will fully light up, and the screen will be locked.



(3)Automatic screen lock

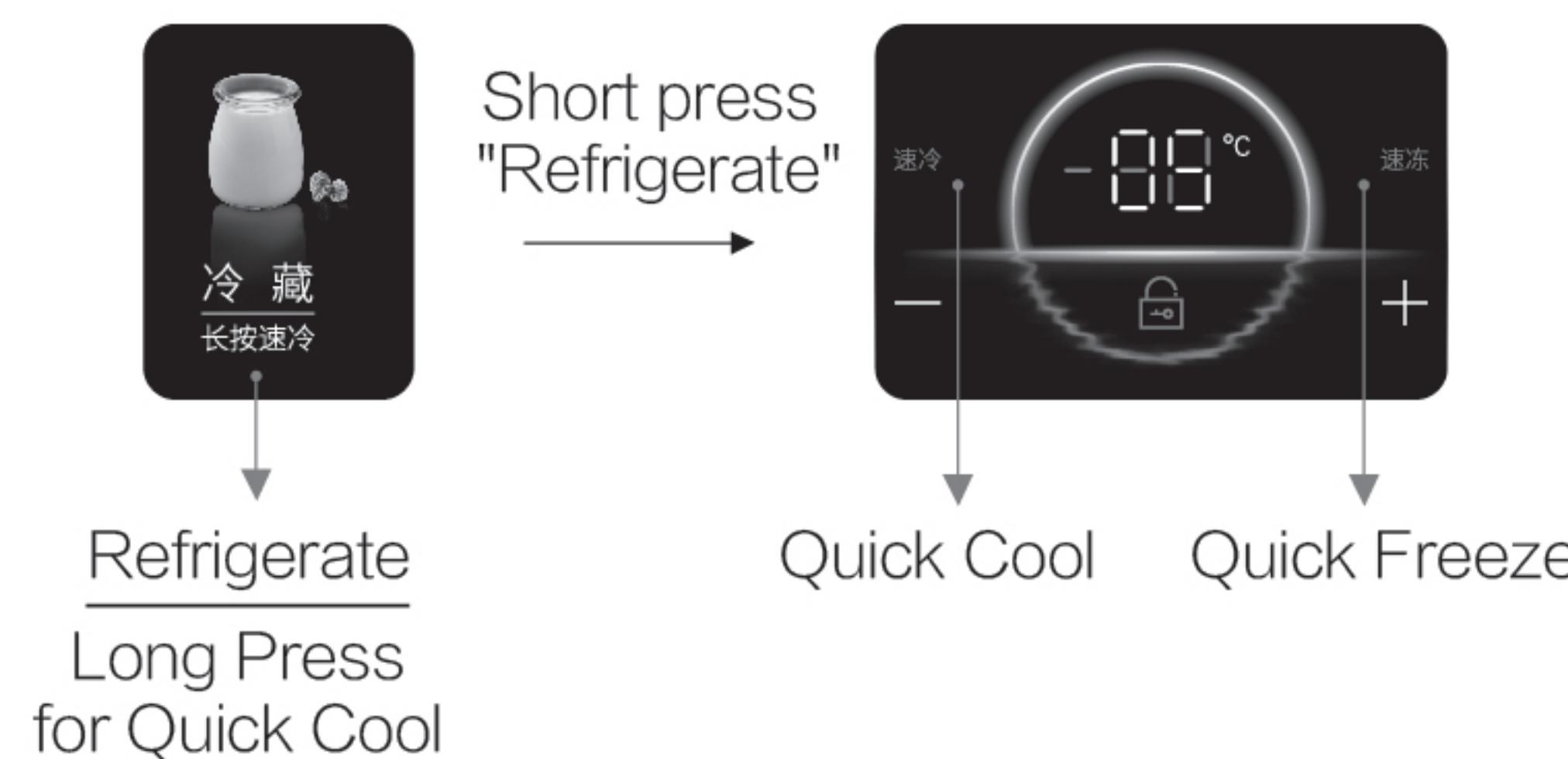
In the unlocked state, the screen will lock automatically if no buttons are pressed for 2 minutes.

Note: In the locked state, pressing any other buttons will have no effect. During this time, the "Screen Lock" icon will flash twice, accompanied by a beep from the buzzer as a reminder. Normal operation can resume once the screen is unlocked.

2. Refrigerator temperature adjustment (range: 2°C ~ 8°C)

(1) Short press the "Refrigerate" button in the unlocked state. The buzzer will emit a single beep, and the refrigerator will enter the refrigerator temperature setting state.

(2) In the refrigerator temperature setting state, short press the "+" or "-" button. The buzzer will emit a single beep, and the refrigerator temperature will adjust by 1°C either upward or downward until the set temperature is achieved. Refrigerator temperature adjustment range: 2°C ~ 8°C.



3. Quick Cool function

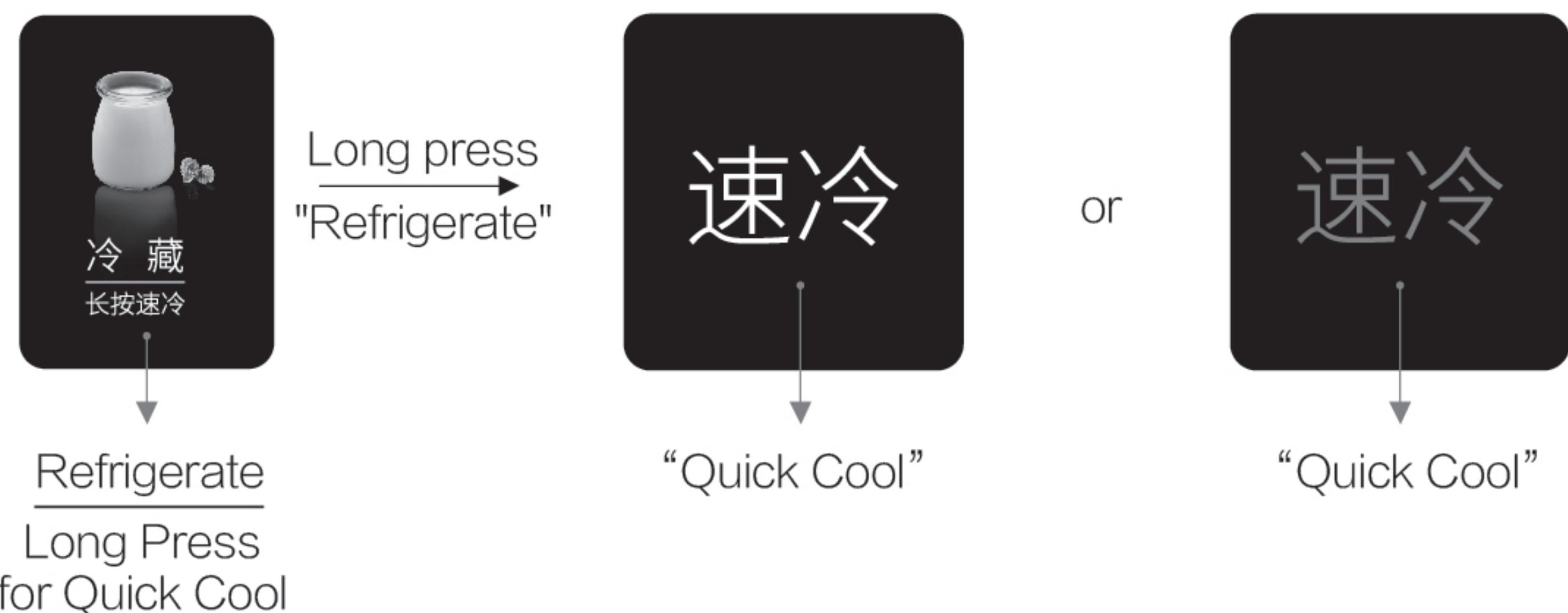
(1) Activation of "Quick Cool"

In the unlocked state, press and hold the "Refrigerate" button for 1.5s. The buzzer will emit a single beep, the "Quick Cool" icon will illuminate, and the quick cooling function will be activated.

(2) Deactivation of Quick Cool

Manual deactivation: In the unlocked state, while the quick cooling function is active, press and hold the "Refrigerate" button for 1.5s. The buzzer will emit a single beep, the "Quick Cool" icon will dim, and the quick cooling function will be deactivated.

Automatic deactivation: The quick cooling function will be deactivated automatically after 6h.

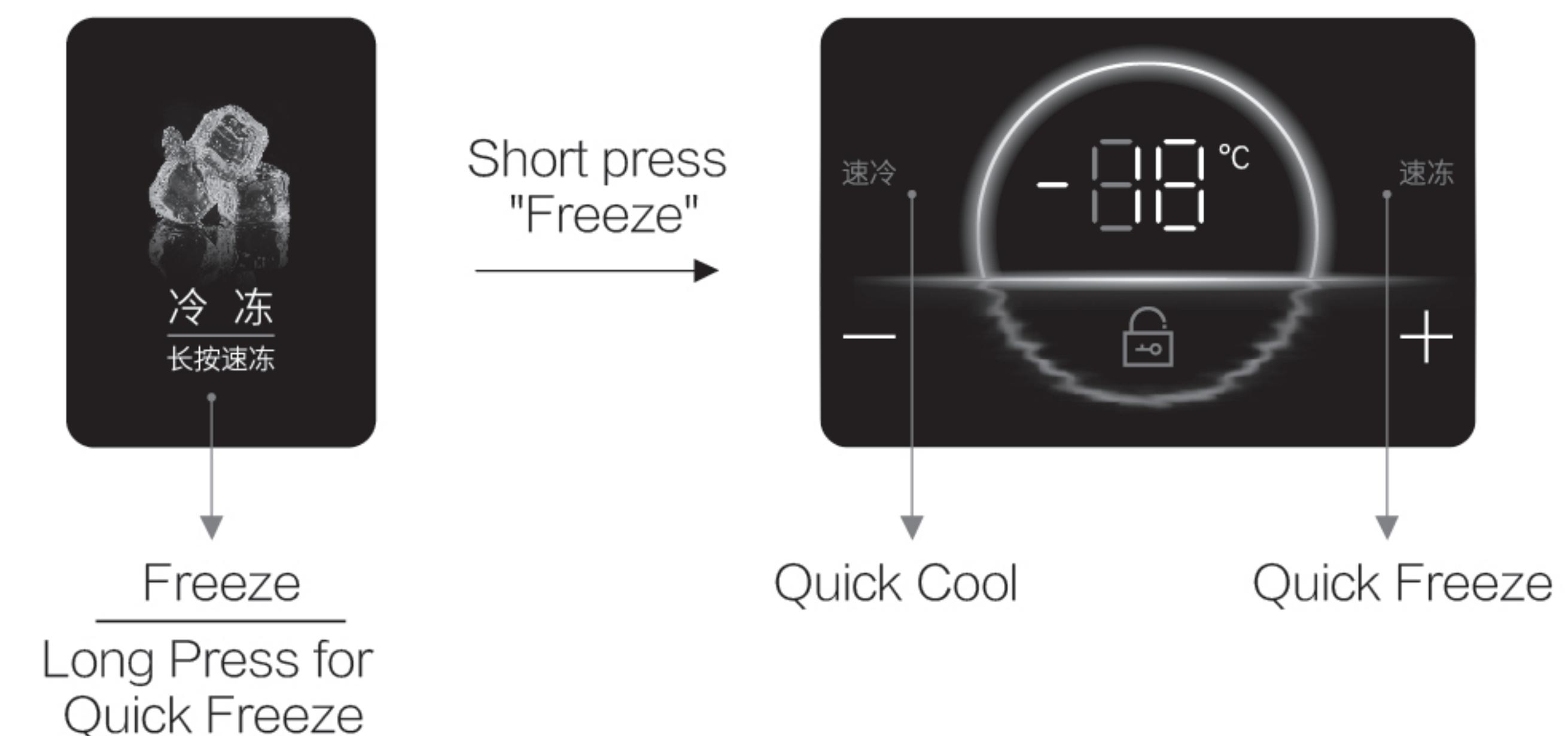


Note: The temperature of the refrigerator compartment cannot be adjusted under the "Quick Cool" mode.

4. Freezer temperature adjustment (range: -15°C to -24°C)

(1) Short press the "Freeze" button in the unlocked state. The buzzer will emit a single beep, and the refrigerator will enter the freezer temperature setting state.

(2) In the freezer temperature setting state, short press the "+" or "-" button. The buzzer will emit a single beep, and the freezer temperature will adjust by 1°C either upward or downward until the set temperature is achieved. Freezer temperature adjustment range: -15°C to -24°C.



5. Quick Freeze function

(1) Activation of "Quick Freeze"

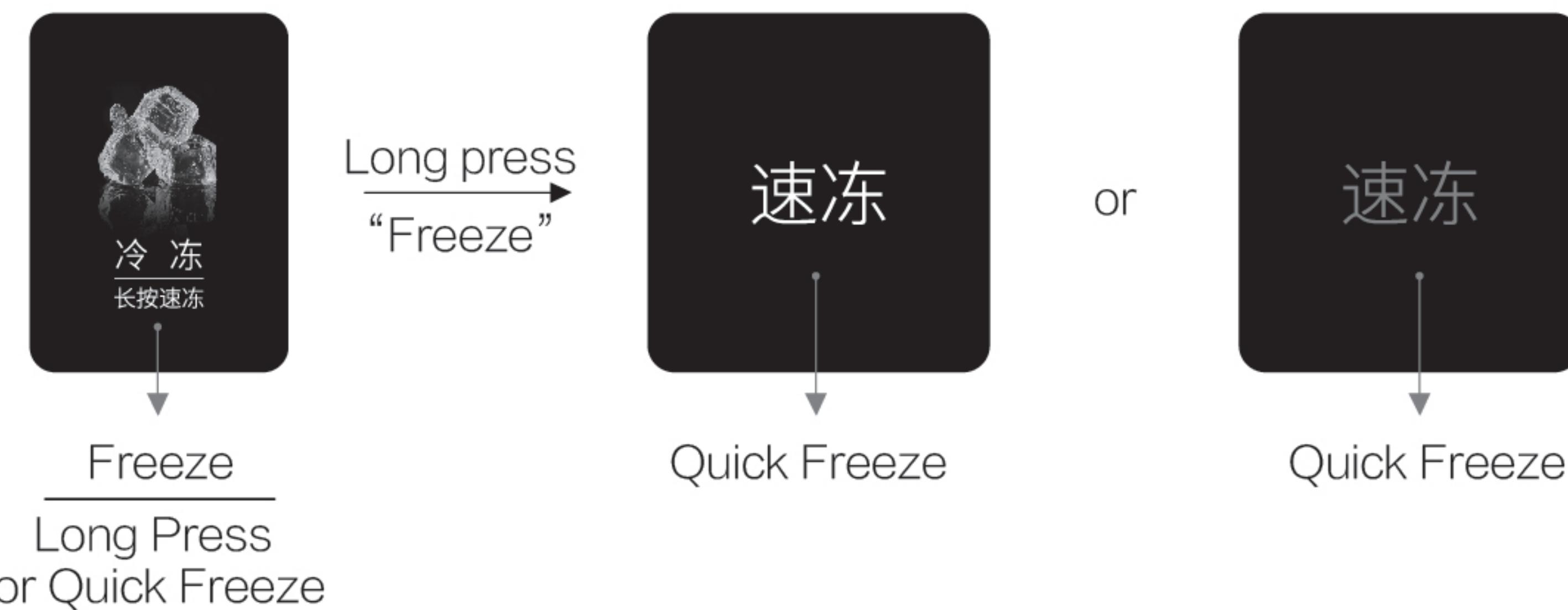
In the unlocked state, press and hold the "Freeze" button for 1.5s. The buzzer will emit a single beep, the "Quick Freeze" icon will illuminate, and the "Quick Freeze" function will be activated.

(2) Deactivation of "Quick Freeze"

Manual deactivation: In the unlocked state, while the "Quick Freeze" function is active, press and hold the "Freeze" button for 1.5s. The buzzer

will emit a single beep, the "Quick Freeze" icon will dim, and the "Quick Freeze" function will be deactivated.

Automatic deactivation: The "Quick Freeze" function will be deactivated automatically after 52h.



Note: The temperature of the freezer compartment cannot be adjusted in the "Quick Freeze" mode.

6. Air refresh compartment

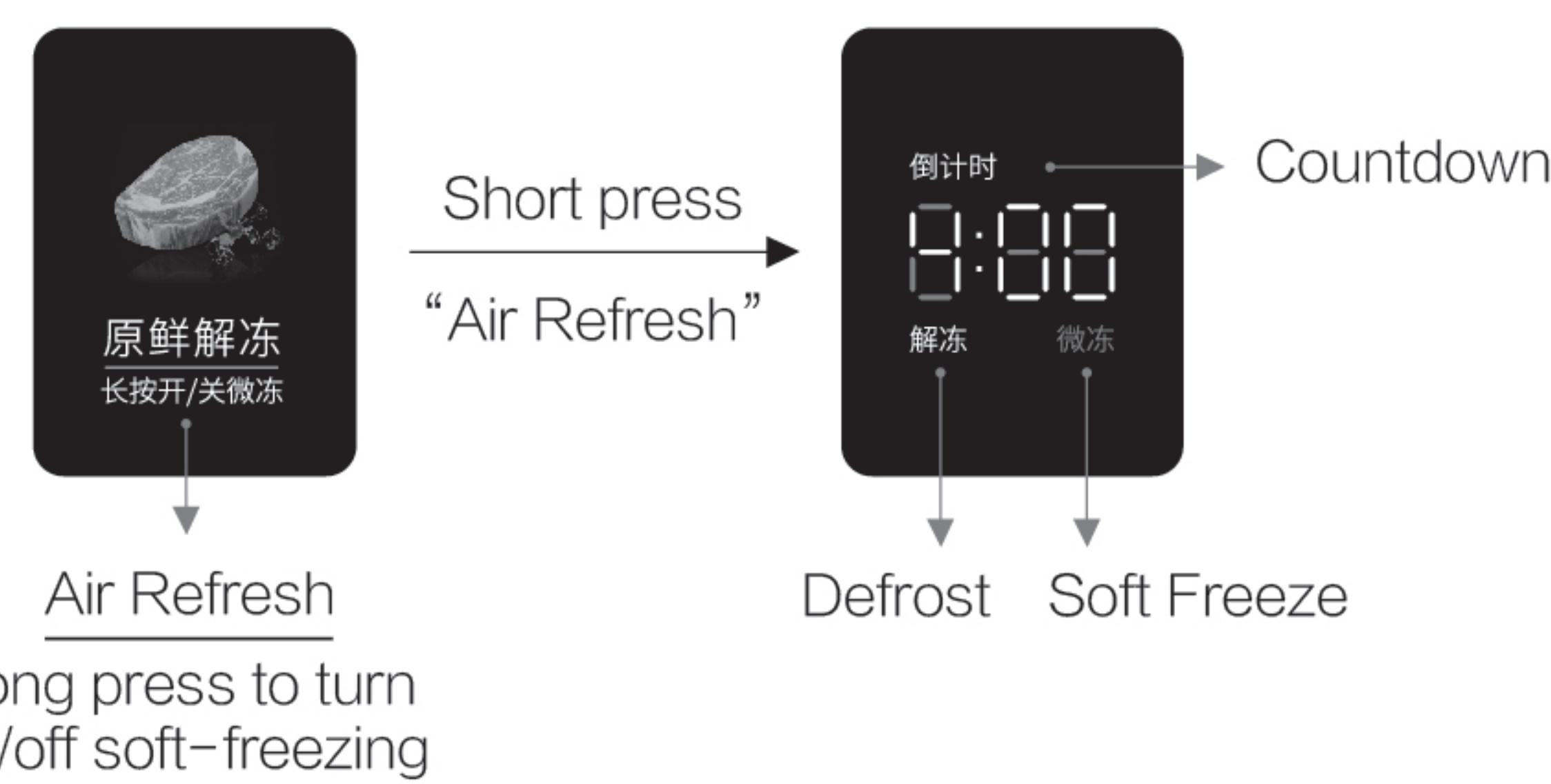
The air refresh compartment serves three functions: "Thawing," "Soft Freeze," and "Ice-Fresh." The default setting is the "Soft Freeze" function.

(1) Defrost function

Function activation: In the unlocked state, short press the "Air Refresh" button. The buzzer will emit a single beep, and both the "Countdown" and "Defrost" icons will illuminate, thereby activating the defrosting function.

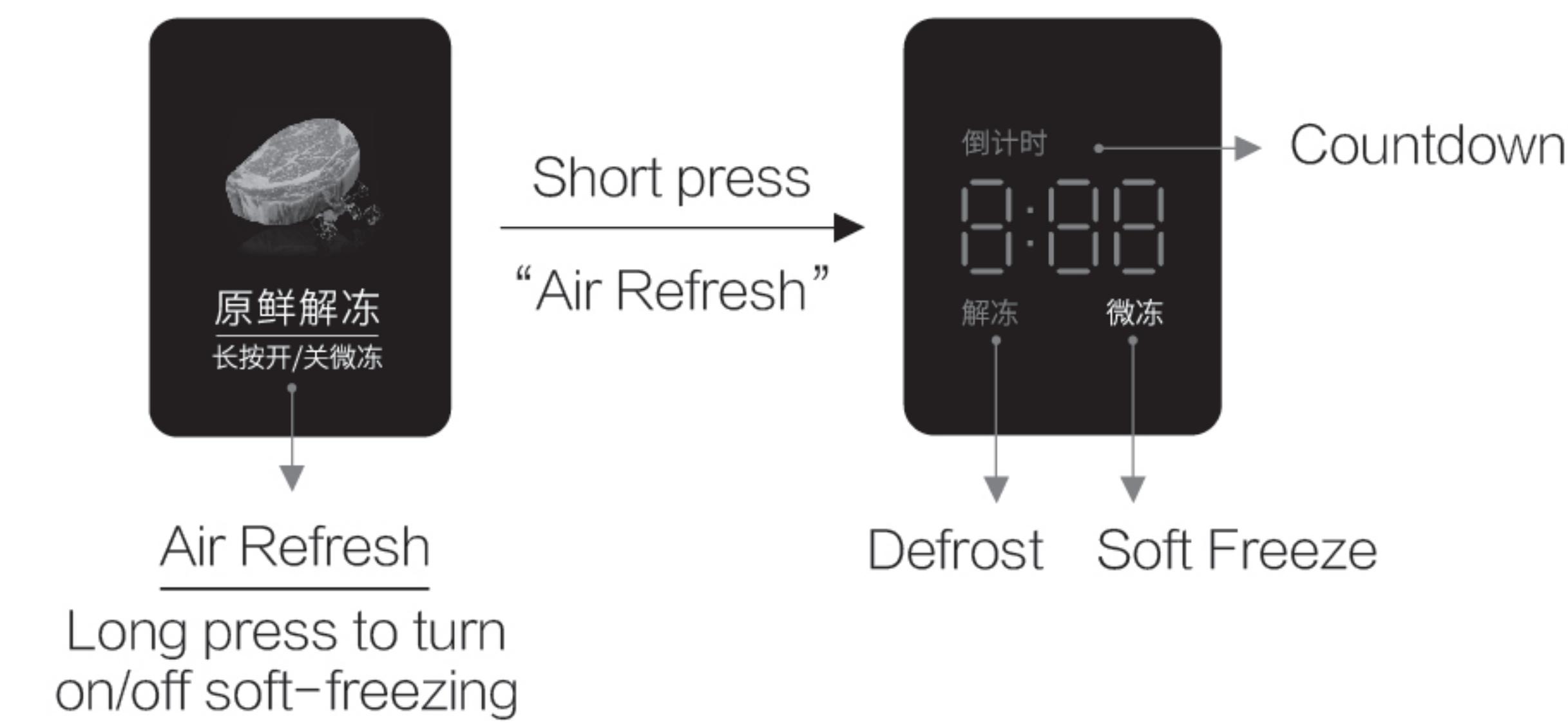
Function automatic deactivation: After the thawing function has been active for 4h and the countdown concludes, the thawing function will be deactivated. The "Soft Freeze" icon will illuminate, signaling the activation of the soft freeze function.

Function manual deactivation: While the thawing function is in operation, short press the "Air Refresh" button in the unlocked state. The buzzer will emit a single beep, thereby deactivating the thawing function. The "Soft Freeze" icon will light up, indicating the activation of the "Soft Freeze" function.



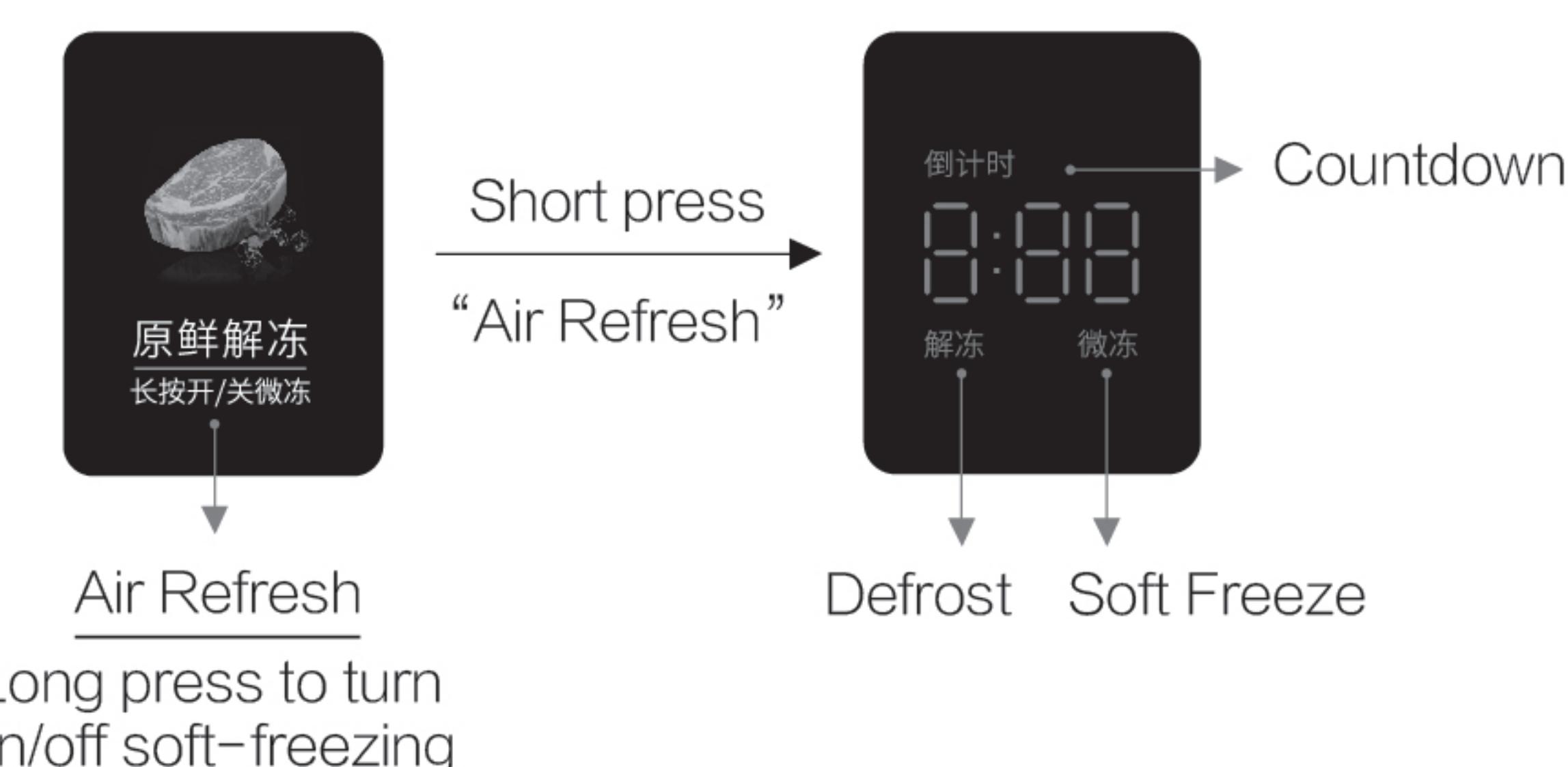
(2) Soft freeze function

Function activation: While the ice-fresh function is in operation, press and hold the "Air Refresh" button. The buzzer will emit a single beep, and the "Soft Freeze" icon will light up.



(3) Ice-fresh function

Function activation: While the Soft freeze function is in operation, press and hold the "Air Refresh" button. The buzzer will emit a single beep, and the "Soft Freeze" icon will dim.



7. Deodorization function

The deodorization function comprises two modes: "Air-Circle Pro" and "Quick Air-Circle Pro."

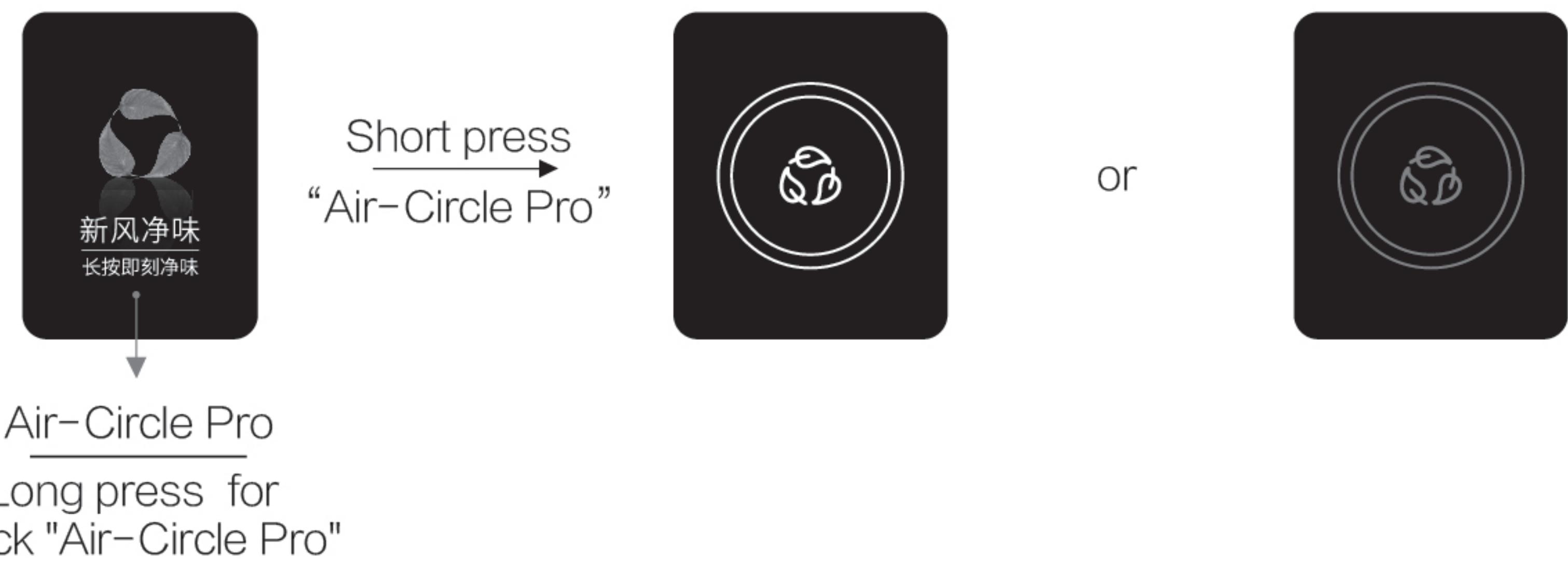
The "Air-Circle Pro" is the standard deodorization mode and is enabled by default in the refrigerator.

The "Quick Air-Circle Pro" is a powerful deodorization mode, which can be activated in response to noticeable smells, such as those emanating from fermented tofu or durian, that linger within the refrigerator.

(1) Air-Circle Pro function

Function activation: In the unlocked state, when the "Air-Circle Pro" function is deactivated, short press the "Air-Circle Pro" button. The buzzer will emit a single beep, and the "Air-Circle Pro" icon will illuminate, indicating that the function is activated.

Function deactivation: In the unlocked state, when the "Air-Circle Pro" function is activated, short press the "Air-Circle Pro" button. The buzzer will emit a single beep, and the "Air-Circle Pro" icon will dim, indicating the function is deactivated.

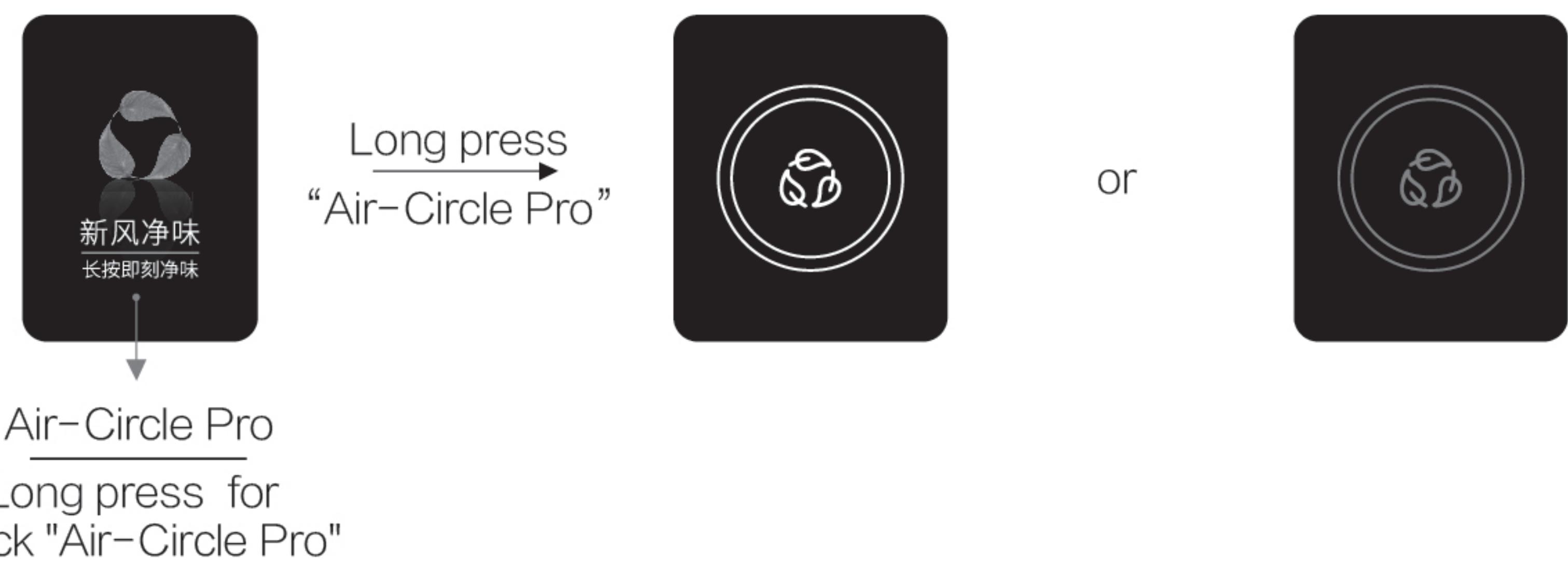


(2) Quick Air-Circle Pro function

Function activation: In the unlocked state, long press the "Air-Circle Pro" button. The buzzer will emit a single beep, and the "Air-Circle Pro" icon will flash in a breathing pattern, indicating the "Quick Air-Circle Pro" function is activated.

Manual deactivation: In the unlocked state, when the "Quick Air-Circle Pro" function is activated, long press the "Air-Circle Pro" button. The buzzer will emit a single beep, indicating the deactivation of the "Quick Air-Circle Pro" function.

Automatic deactivation: After approximately 110 minutes of activating the "Quick Air-Circle Pro" function, the function will be deactivated, and the "Air-Circle Pro" function will resume operation.



8. Air Control function

The Air Control function of the refrigerator is enabled by default. When this function is activated, the Air Control compartment generates a high concentration of nitrogen to prolong the storage duration of fruits and vegetables.



(1) Function activation

In the unlocked state, when the "Air Control" function is deactivated, short press the "Air Control" button. The buzzer will emit a single beep, and the "Pulse Light" will illuminate sequentially, indicating the function is activated.

(2) Function deactivation

In the unlocked state, when the "Air Control" function is activated, short press the "Air Control" button. The buzzer will emit a single beep, and the "Pulse Light" will turn off sequentially, indicating the function is deactivated.

Cleaning, Maintenance, and Care

■ Cleaning and Maintenance Precautions

Warning: To prevent electrical shock, use a dry cloth to clean electrical components such as "switches" and "illumination light".

Caution: To prevent damage to the refrigerator, avoid using the following substances during cleaning:

1. Acidic or alkaline kitchen cleaners
2. Powdered detergents, such as abrasive powders
3. Benzene, xylene, alcohol, various acids, petroleum, etc.
4. Hard brushes, abrasive sponge scrubbers, etc.
5. Hot water above 40°C

The refrigerator is heavy. When moving it for cleaning or maintenance purposes, please take appropriate measures to protect the floor. Always keep the refrigerator in an upright position during movement. Do not shake or drag the unit, as this may cause damage to the flooring. Do not use hot water to clean cold glass shelves. Sudden temperature changes may cause the glass to break, leading to personal injury or property damage. Avoid touching the surfaces of freezer compartment components with wet hands to prevent skin from sticking to frozen parts. Do not reach directly under the refrigerator to clean the floor, as this may cause injury. If cleaning underneath is necessary, carefully move the refrigerator before proceeding.

■ Routine Cleaning

Food residues remaining in the refrigerator can generate unpleasant odors; therefore, regular cleaning is essential.

Cleaning procedures:

1. Unplug the power cord or disconnect the power supply.
2. Use a soft cloth or sponge dipped in warm water (with neutral detergent if necessary) to clean the refrigerator.
3. Wipe the refrigerator surface dry with a clean cloth.
4. Upon completion of the cleaning, please reconnect the power supply if you wish to continue using the refrigerator.
5. The metal air duct panel can be cleaned with a soft cloth dipped in appropriate alcohol.

Note: Door seals are susceptible to dirt accumulation. Regular cleaning is recommended to maintain optimal hygiene. A clean seal ensures a proper seal, which helps preserve cooling efficiency and reduces unnecessary energy consumption.

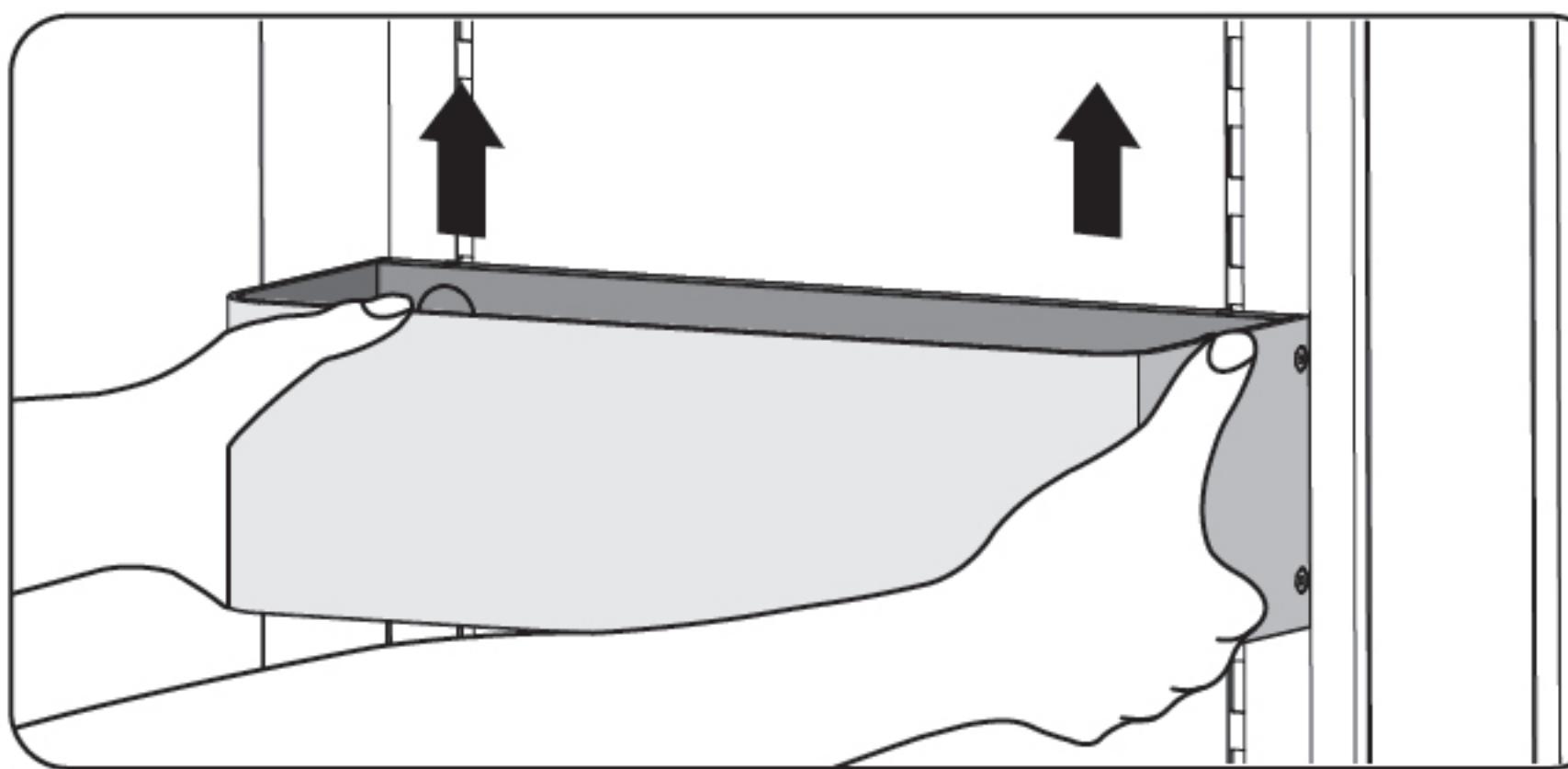
Automatic defrosting

The frost-free refrigerator-freezer features automatic defrost. The water collected after defrosting is gathered in an evaporation tray, where it undergoes evaporation. Therefore, manual defrosting is not necessary.

Warning: During maintenance or cleaning, the internal temperature of the refrigerator may increase, which can reduce the storage duration of food items.

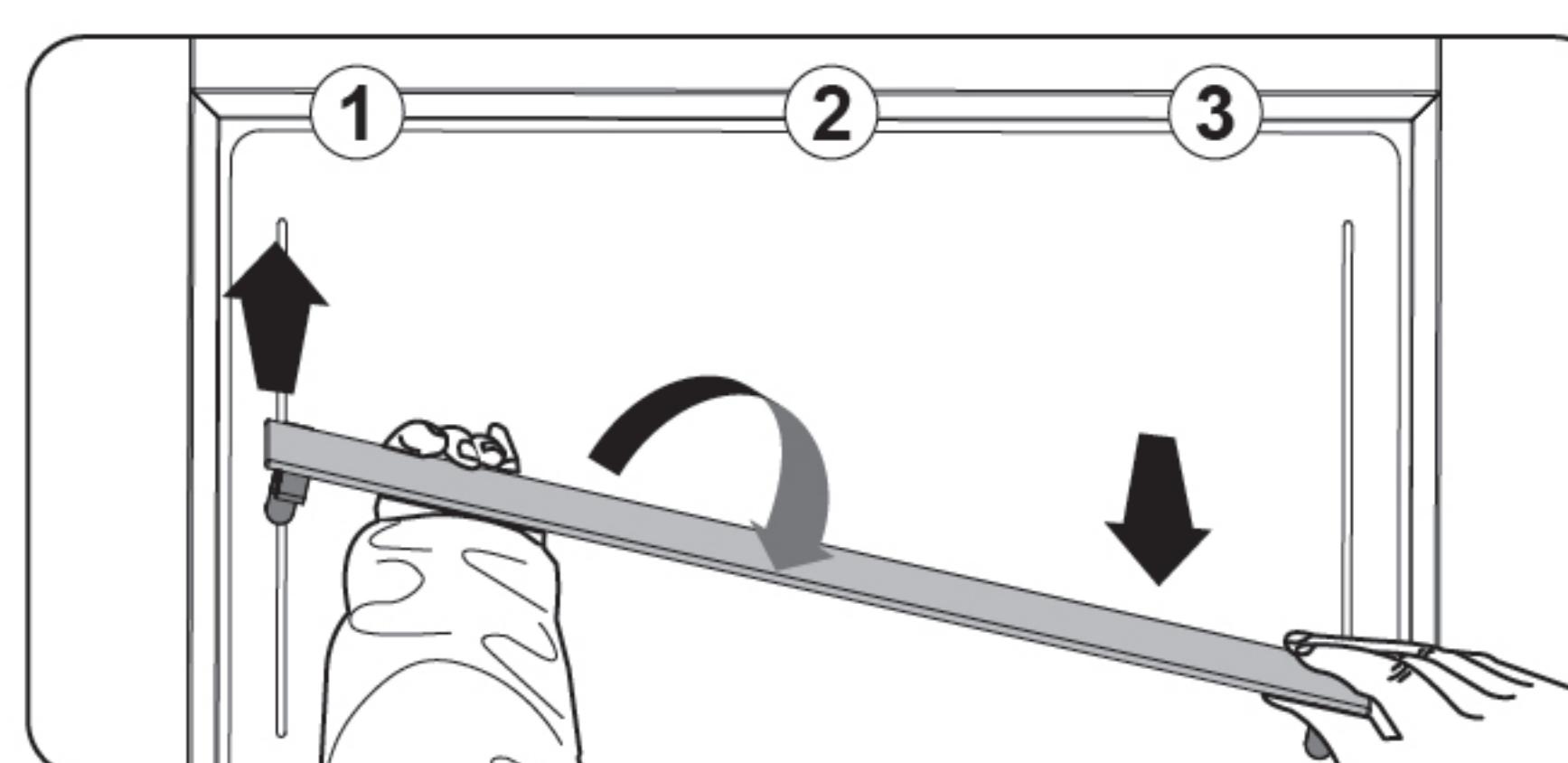
Refrigerator bottle rack

Hold with both hands and gently lift upward to detach.



Refrigerator Shelf

1. Open the refrigerator compartment door to its maximum angle and remove the bottle rack.
2. Hold the glass shelf with both hands, lift it upward, and subsequently extend it outward.
3. Tilt the shelf at an angle and remove it outward.



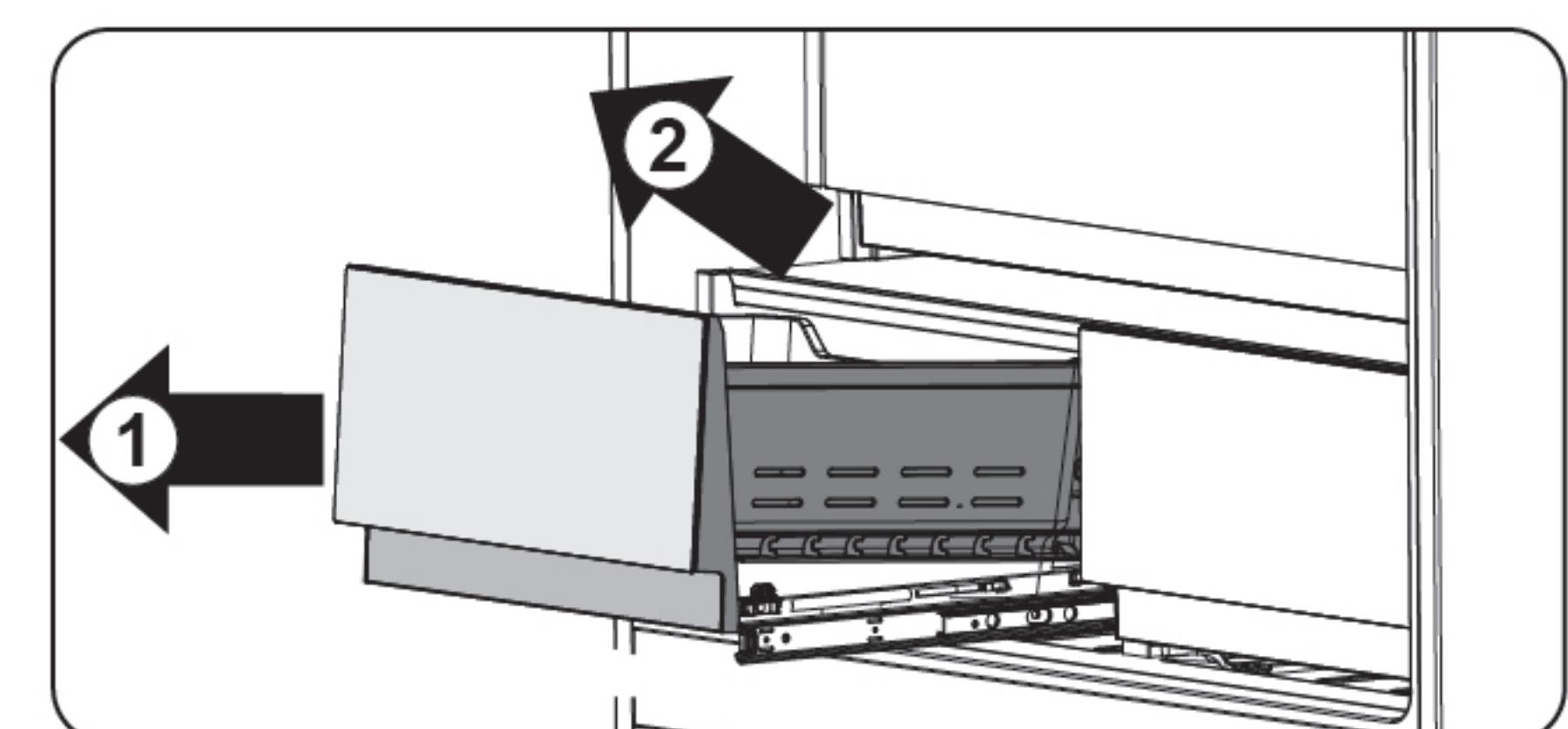
Air Control drawer

Air Refresh compartment

Free Space

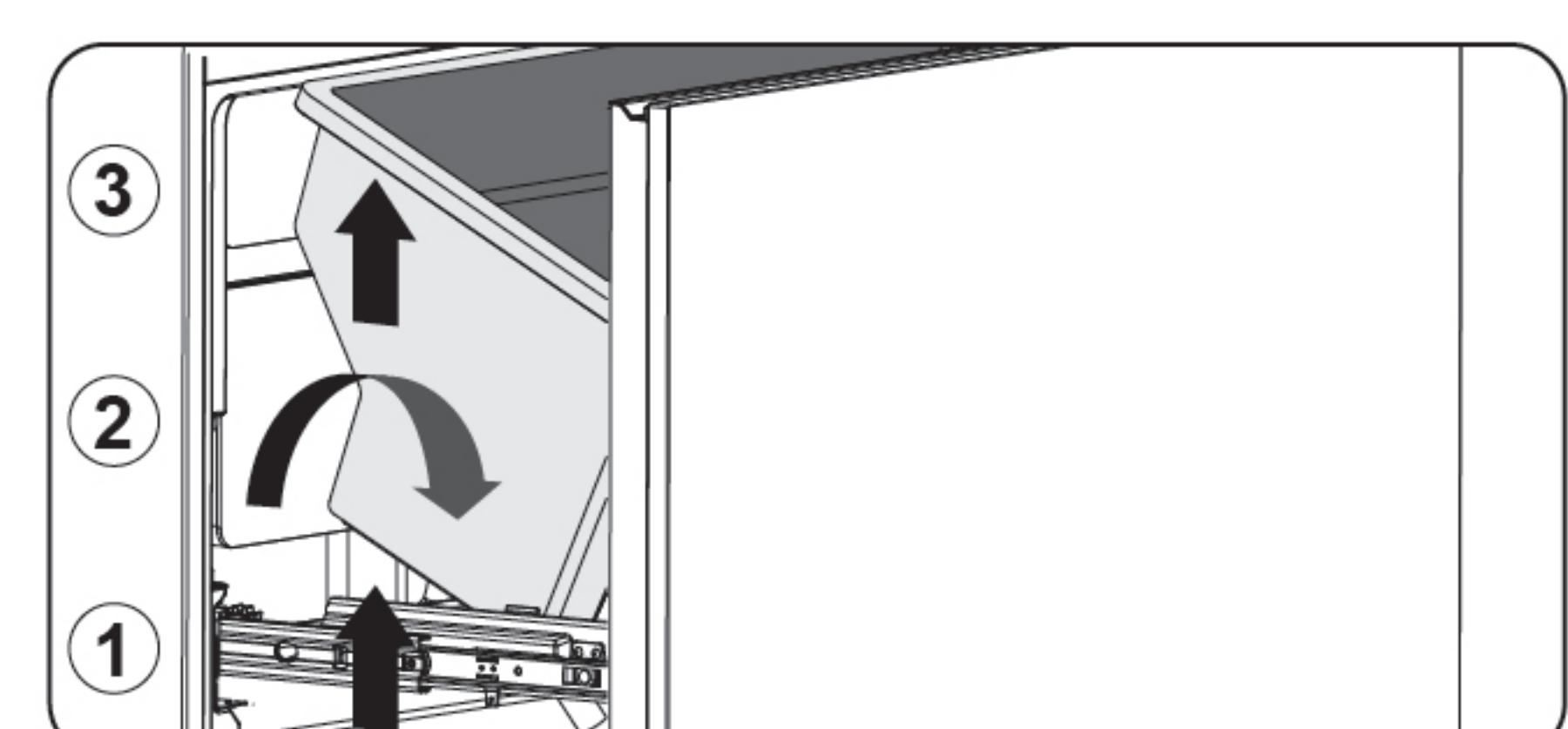
1. Extend the drawer fully outward and remove the bottle rack.

2. Lift the drawer upward and extract it at an upward angle.



Lower freezer drawer

1. Open the freezer compartment door and the refrigerator compartment door to their fullest extent.
2. Lift the freezer drawer upward, rotate and then remove it by lifting upward.



■ Refrigerator Downtime

During power outage

1. During power outage, avoid loading new food items into the refrigerator and minimize the frequency of door openings (prevent a rapid increase in internal temperature). If the power outage is anticipated, activate the "Quicik Cool" or "Quick Freeze" function in advance to further reduce the internal temperature.

Caution: Power outages or other malfunctions that lead to an increase in the temperature of the freezer compartment can significantly shorten the storage duration of food items and diminish its quality for consumption.

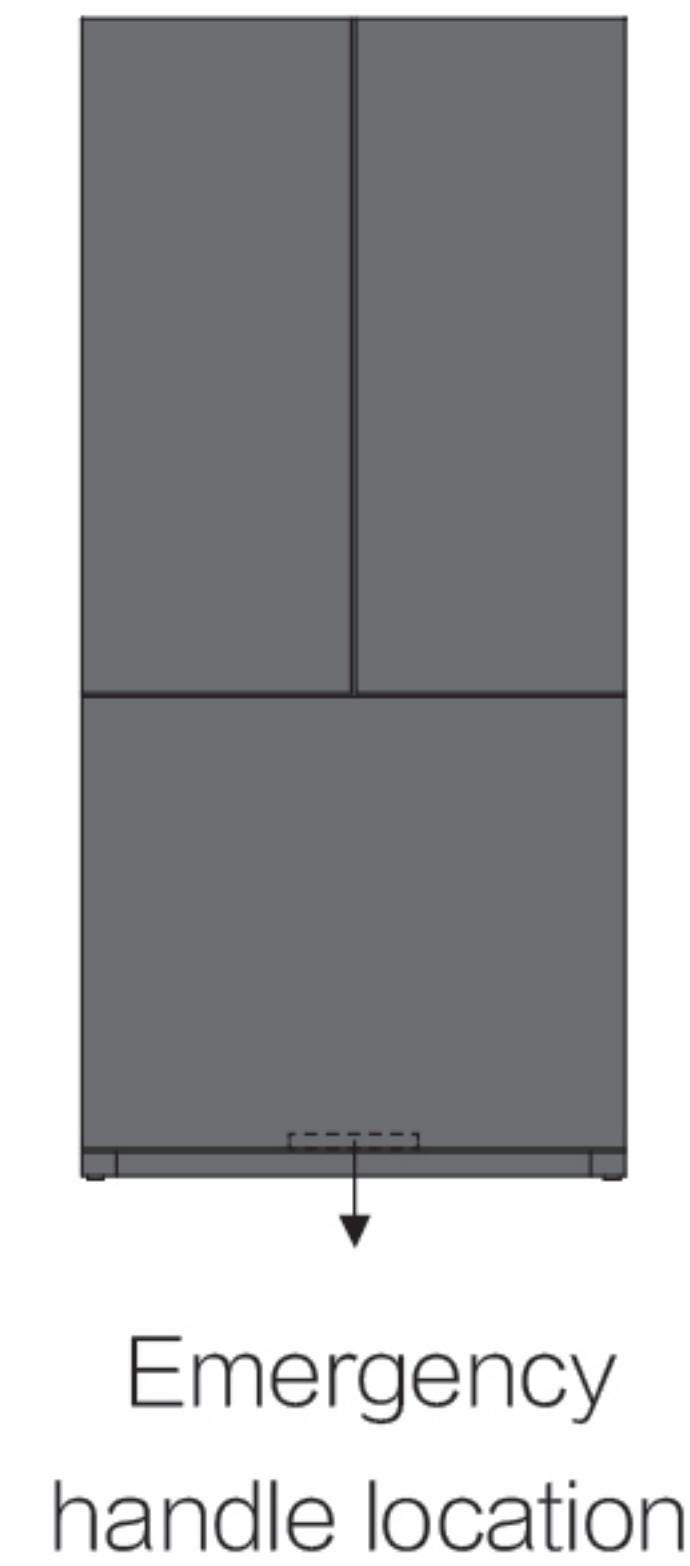
2. Methods for opening and closing the refrigerator door during power outage

Open the refrigerator door:

Start by opening the freezer compartment door using the emergency handle located at the bottom, and then proceed to open the refrigerator compartment door.

Close the refrigerator door:

If the push rod does not fully retract during power outage, resulting in the door remaining open, please apply firm pressure to either the refrigerator compartment door or the freezer compartment door to close the refrigerator door.



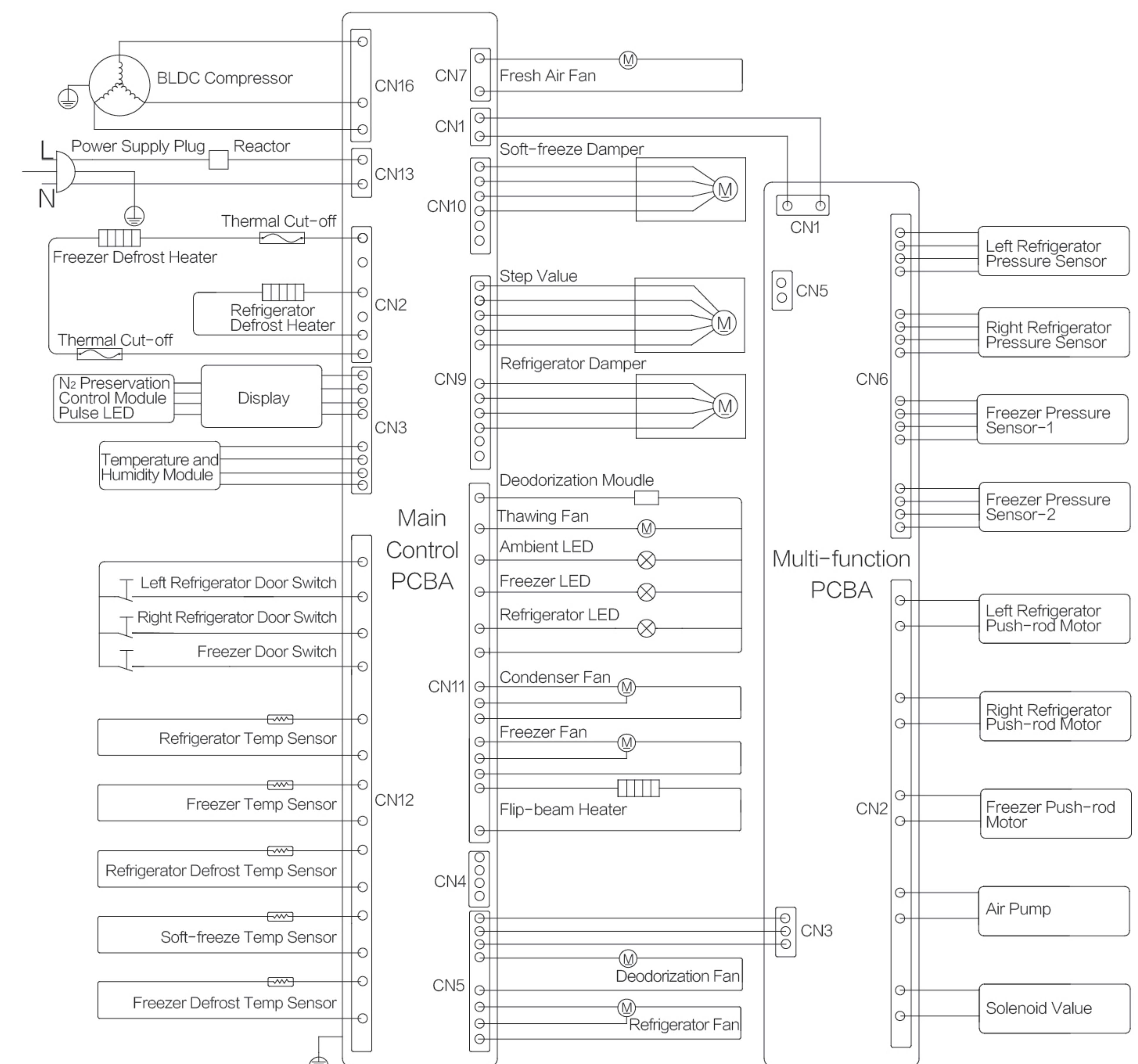
Shutdown and discontinued use

If the refrigerator is not going to be used for an extended period, unplug the power cord, disconnect the power supply, and clean the refrigerator using the methods previously outlined. Leave the refrigerator door open when it is not in use to prevent unpleasant odors from traces of food residues.

Warning: After unplugging the power, please allow a minimum of 7 minutes before reconnecting it. Generally, it is advisable to refrain from discontinuing the use of the refrigerator to prevent affecting its lifespan.

Notice: When disposing of the refrigerator, it is essential to handle it properly or entrust the task to professionals. Avoid casual disposal to prevent environmental damage or other hazards.

■ Electrical Connection Diagram



■ Identification and Handling of Common Faults

If you observe any irregularities while using the refrigerator, please cease its use. Unplug the power cord or disconnect the power supply, and then proceed to check the following:

Malfunction Symptoms	Possible Causes	Troubleshooting Methods
The internal illumination light of the refrigerator does not turn on, and the compressor is not operating.	1. External power supply issue 2. Poor contact of the power plug/socket	Contact qualified electrical professionals for troubleshooting
The internal illumination light of the refrigerator does not turn on, the compressor does not start, and a buzzing sound is heard.	The power supply voltage is below the specified lower limit of 187V	Immediately disconnect the power supply and wait for the voltage return to normal before restarting
The compressor is functioning properly; however, the internal temperature of the refrigerator fails to attain the specified level.	1. The refrigerator door is not properly closed. 2. Excessive food items are either loaded or improperly placed	1. Check and close the refrigerator door properly 2. Arrange the food items appropriately
Excessive noise	1. The refrigerator is not placed on a level surface 2. The noise is generated by the fan operating at high speed under elevated ambient temperatures	1. Adjust the adjustable feet to level the refrigerator 2. As the ambient temperature decreases, the level of noise will diminish
Difficulties are encountered when attempting to open or close the freezer compartment door	Prolonged door opening can lead to significant frost or ice accumulation on the metal rails of the freezer compartment	Fully open the freezer compartment door and clean the metal rails with a warm cloth to remove ice residue

Warning: If the above issues persist despite troubleshooting efforts, please contact the FOTILE Customer Service Hotline.

Special instructions

To ensure safety and proper use, installation and maintenance of the product must be conducted exclusively by authorized service personnel designated by the company. If the product is installed or repaired by individuals not authorized by the company, or by the consumer, resulting in malfunction, such issues will not be covered under the free warranty service, even within the warranty period.

Non-Malfunction Conditions During Operation:

1. Foggy condensation on the outer surface of the refrigerator: This phenomenon occurs in environments with high humidity. To address this issue, please wipe the surface with a dry, soft cloth.
2. Compressor heating: The temperature of the compressor shell increases during the operation of the refrigerator.
3. "Hissing" sound of flowing water inside the refrigerator: This is the sound produced by refrigerant as it circulates through the cooling pipes during operation of the cooling system.
4. "Buzzing" vibration sound inside the refrigerator: The compressor produces a subtle "buzzing" sound when the refrigerator is in operation. If the refrigerator is not positioned on a stable surface, it may experience vibrations and generate noise. This issue can be resolved by adjusting the adjustable feet located beneath the refrigerator.
5. "Clicking" sound inside the refrigerator: This phenomenon is attributed to the thermal expansion and contraction of components.
6. Slight "whooshing" sound upon opening the door: The sound is produced when the fan stops its operation.
7. Extended power-on duration: In summer, elevated ambient temperatures result in more frequent compressor startup, consequently leading to an extended power-on duration.
8. Heating of the refrigerator housing and vertical beam: This phenomenon is attributed to the operation of the heating devices designed to prevent condensation inside the refrigerator housing and vertical beam. It does not impact the food items stored within the refrigerator.

DATE: / /

FOTILE

DATE: / /

FOTILE