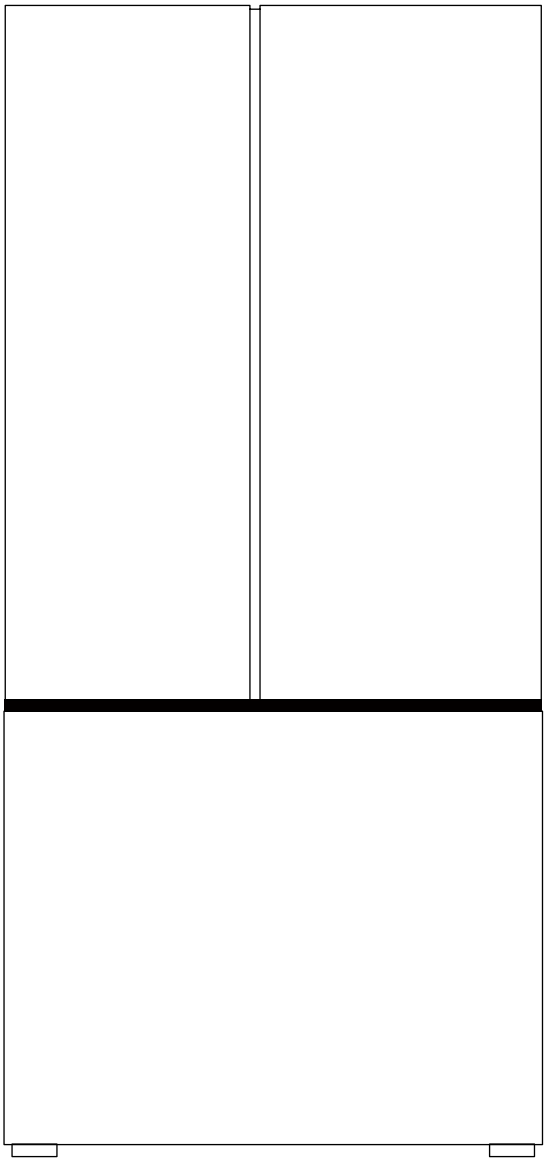
KoolMore

USER MANUAL

FRENCH DOOR

17.5 Cu. Ft. 30-Inch French Door Refrigerator with Automatic Ice Maker, Stainless Steel

Model: KM-RERFDSSI-17



Before use, please read this manual carefully to ensure proper installation and operation.

For any service related issues, please contact us:

718-576-6342 support@koolmore.com

Stay informed with the latest information for your KoolMore appliance.

Scan the QR code below to access the most up-to-date user manual on our website.

If you need any assistance or have questions, our customer support team is here to help.
Phone: 718-576-6342 Email: support@koolmore.com

Please write down the model number and serial number below for future reference. Both numbers are located on the rating label on the back of your unit or inside of the unit and are needed to obtain warranty service. You may also want to staple your receipt to this manual as it is your proof of purchase and may also be needed for service under warranty.

Model Number: _____
Serial Number: _____
Date of Purchase: _____

To better serve you, please do the following before contacting customer service:

If you received a damaged product, immediately contact the retailer or dealer that sold you the product.
Read and follow this User Manual carefully to help you install, use, and maintain your unit.
Refer to the Troubleshooting section of this manual as it will help you diagnose and solve many common issues.

Contents

Safety **4**

Product Overview **7**

Installation **9**

Operation **13**

Maintenance **17**

Troubleshooting **19**

Warranty **20**

Safety

Important Safety Instructions

Read all instructions before using this appliance.

- This refrigerator is intended for household use and similar applications, such as:
    - Residential kitchens
    - Office break rooms
    - Farmhouses
    - Hotels, motels, and similar accommodations
- Children should be supervised to ensure they do not play with the appliance.
- 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 supervised or instructed by a responsible person.
- Keep this manual for future reference.



WARNING – Flammable Refrigerant

This refrigerator contains **R600a (isobutane)** refrigerant, a flammable refrigerant.

- Do not damage the refrigerant tubing.
- Keep ventilation openings clear of obstruction.
- Do not use mechanical devices or other methods to accelerate the defrosting process unless recommended by the manufacturer.
- Do not attempt to repair or service the refrigerant system yourself. Servicing must be performed by qualified personnel.
- If a refrigerant leak is suspected:
    - Do not touch the appliance, power plug, or nearby electrical switches.
    - Keep open flames and other ignition sources away.
    - Ventilate the area immediately.
    - If it is safe to do so from outside the affected area, disconnect power at the circuit breaker.
    - Contact qualified service personnel.
    - If refrigerant comes into contact with the skin or eyes, seek immediate medical attention.
    - If the power cord is damaged, it must be replaced by the manufacturer, an authorized service agent, or a similarly qualified person to avoid a hazard.
    - If you are unsure whether the outlet is properly grounded, consult a qualified electrician.

Electrical Safety

- Plug the refrigerator into a properly grounded 115 V / 60 Hz outlet.
- Use a dedicated electrical circuit.

- Do not use extension cords or power strips.
- Do not place multiple portable outlets or power supplies behind the appliance.
- Ensure the power cord is not pinched, damaged, or routed beneath the refrigerator.
- Do not touch the power plug with wet hands.
- Disconnect the power before cleaning or servicing the refrigerator.
- If the power cord is damaged, it must be replaced by the manufacturer, an authorized service agent, or a similarly qualified person to avoid a hazard.
- If you are unsure whether the outlet is properly grounded, consult a qualified electrician.

Installation Safety

- This refrigerator is designed for freestanding installation only. Do not install it as a built-in appliance.
- Install the refrigerator on a level, stable floor capable of supporting its weight.
- Maintain a minimum clearance of 4 inches above the refrigerator and 2 inches on each side and at the rear.
- Keep away from direct sunlight, heat sources, and moisture.
- Position the refrigerator so the power plug remains accessible.
- Do not block the rear air vents.

Safe Operation

- Do not store gasoline, solvents, or other flammable vapors or liquids near the refrigerator.
- Do not store explosive substances such as aerosol cans with flammable propellants inside the appliance.
- Do not use electrical appliances inside the food compartments unless recommended by the manufacturer.
- Do not climb, hang, or stand on the doors or shelves.
- Do not place heavy objects on top of the refrigerator.
- Do not use sharp tools to remove frost.
- Do not touch frozen food or freezer surfaces with wet hands.
- Do not use a hair dryer, open flame, or other heating device to dry or deodorize the interior.
- Do not place glass containers that are unsuitable for freezing inside the freezer compartment.
- Do not disassemble, modify, or repair the refrigerator yourself. Servicing must be performed by qualified personnel unless otherwise instructed by the manufacturer.
- After disconnecting the refrigerator from power, wait at least 5 minutes before reconnecting it.

Food Safety

To reduce the risk of food contamination:

- Minimize the amount of time the doors remain open.
- Store raw meat and seafood in sealed containers.
- Clean food-contact surfaces regularly.
- Do not block interior air vents with food.
- If the refrigerator will not be used for an extended period:
    - Unplug the appliance.
    - Remove all food.
    - Clean and dry the interior.
    - Leave the doors slightly open to prevent odors and mold.

Water Supply Safety

WARNING: Connect to a potable water supply only.

- Connect the factory-installed water supply tubing to a compatible cold-water supply.
- Do not cut, modify, kink, or damage the factory-installed tubing.
- Ensure all water connections are secure and free from leaks before operating the automatic ice maker.
- Do not connect the refrigerator to a hot-water supply.
- Follow the water-pressure requirements specified in the Installation section.

Disposal

WARNING — Risk of Child Entrapment and Fire

Before disposing of the refrigerator:

- Remove the doors.
- Leave the shelves in place to make it more difficult for children to climb inside.
- Keep the appliance away from open flames and extreme heat.
- Do not puncture or damage the refrigerant circuit.
- Follow all applicable local regulations for disposing of appliances containing refrigerants and flammable insulation materials.
- Have the appliance processed by an appropriately qualified disposal or recycling facility.

Product Overview

Key Features

Frost-Free Cooling

- Frost-free refrigeration eliminates the need for manual defrosting.
- R600a refrigerant provides efficient cooling performance.

Electronic Temperature Control

- Independently control the refrigerator and freezer temperatures.
- LED display provides a clear view of current temperature settings.

Energy-Efficient Operation

- Designed for efficient cooling while minimizing energy consumption and operating noise.

Door Alarm

- An audible alarm sounds if a refrigerator door is left open for an extended period.

Tempered Glass Shelves

- Durable tempered glass shelves provide strong support and are easy to clean.

Removable Door Bins

- Door bins can be removed for convenient cleaning.

Interior LED Lighting

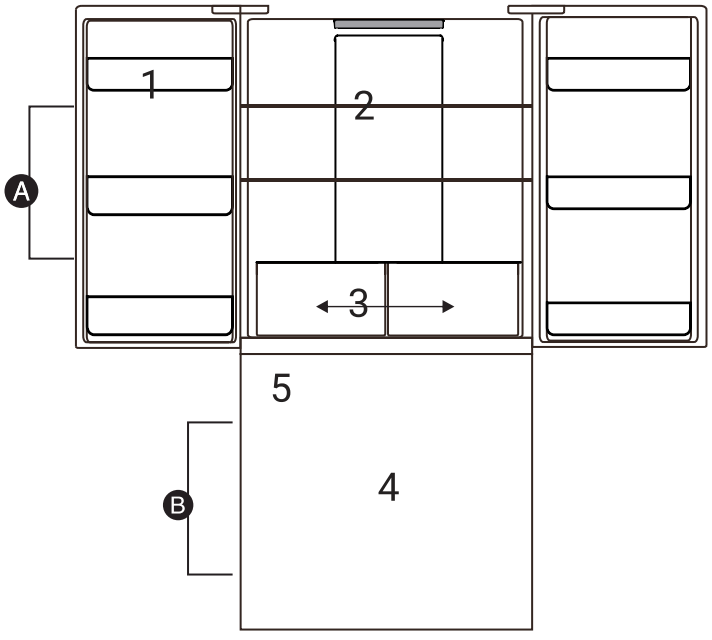
- Bright LED lighting provides clear visibility throughout the refrigerator compartment.

Automatic Ice Maker

- Built-in automatic ice maker provides a continuous supply of ice.

Product Layout

The appearance and features of your refrigerator may vary slightly depending on the model.



A. Refrigerator Compartment

1. Door Bins
2. Glass Shelves
3. Crispers

B. Freezer Compartment

4. Freezer Drawers
5. Automatic Ice Maker (inside)

NOTE: For optimum cooling performance and energy efficiency, keep all shelves, drawers, and door bins installed in their original positions.

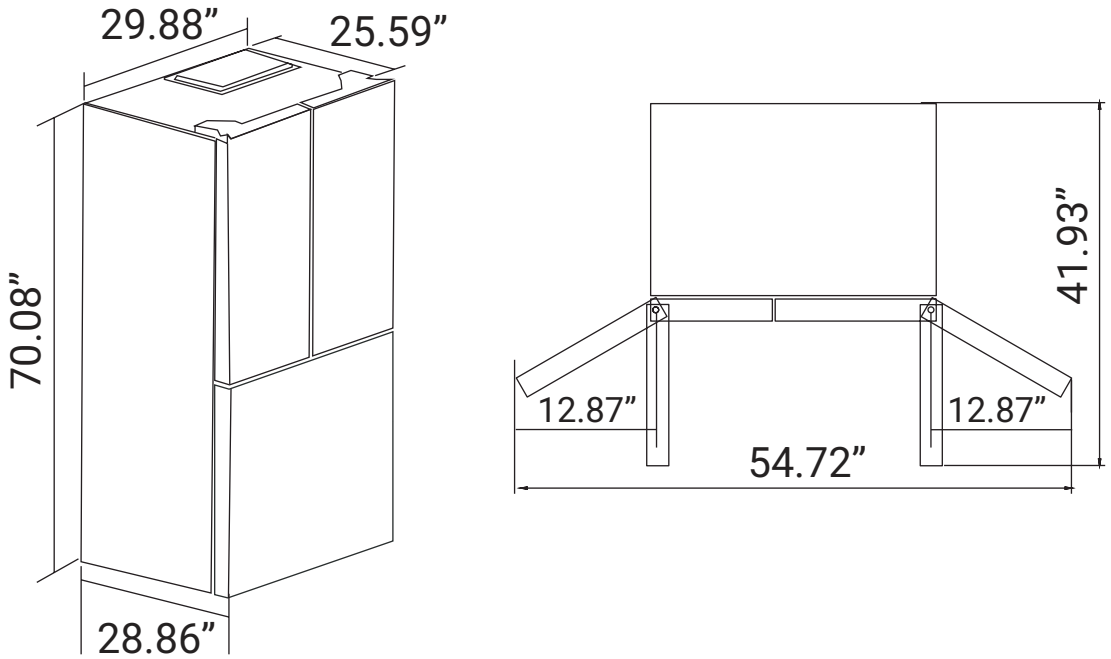
Installation

Installation Dimensions

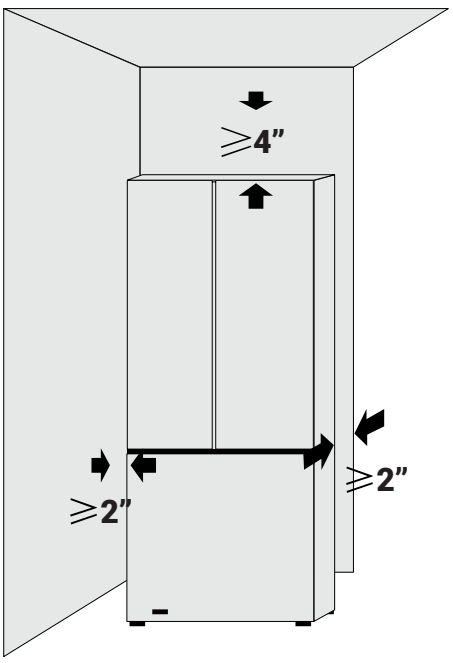
The dimensions shown are for installation reference only. Actual product dimensions may vary slightly.

Minimum Installation Clearances:

Top: 4 in.
Sides: 2 in. each
Rear: 2 in.



IMPORTANT: This refrigerator is designed for freestanding installation only. Do not install it as a built-in appliance or in an enclosed cabinet.



Transportation

Keep the refrigerator upright during transportation. Do not lay it on its side or back.
Do not lift or carry the refrigerator by the doors or handles. Always lift from the bottom of the cabinet.
Two people are required to safely move and install the refrigerator.

Choose an Installation Location

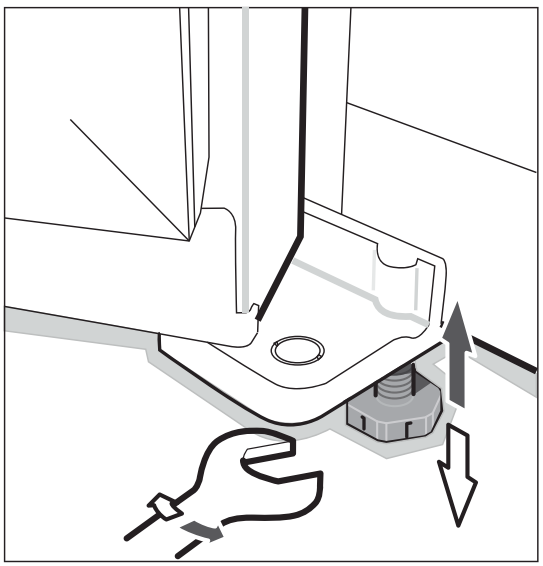
- Install the refrigerator on a hard, level surface capable of supporting its weight.
- Do not use shipping foam or packaging materials to support or level the refrigerator.
- Install the refrigerator in a dry, well-ventilated area.
- Keep the appliance away from direct sunlight, heat sources, and excessive moisture.
- Maintain the recommended clearances around the refrigerator and do not block the rear ventilation openings.

Before First Use

- Remove all packaging materials, including the foam beneath the refrigerator and any tape securing the shelves, drawers, and door bins.
- Position the refrigerator in its final location and adjust the leveling feet.
- Clean the interior with a soft cloth and warm, mild soapy water. Dry thoroughly.
- Allow the refrigerator to stand upright for at least 4–6 hours before connecting it to power. This allows the compressor oil to settle.
- Connect the refrigerator to a properly grounded electrical outlet.
- Refer to the Operation section for initial temperature settings and cooling instructions.

Leveling the Refrigerator

- The front leveling feet are fully retracted for shipping.
- After placing the refrigerator in its final location, adjust the front leveling feet until the refrigerator is level and stable.
- Turn the leveling feet by hand or with a wrench as needed.
- The front leveling feet should rest firmly on the floor while the rear rollers remain in contact with the floor.
- To move the refrigerator, raise the front leveling feet by turning them counterclockwise until the rollers support the weight of the unit. Carefully roll the refrigerator into position, then lower the leveling feet again.



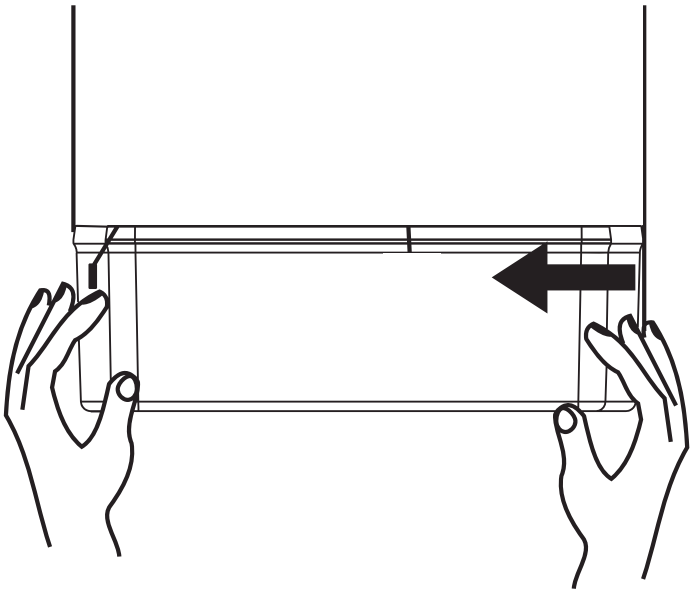
Door Bin

Removing a Door Bin

- Hold both ends of the door bin.
- Slide the bin toward the side shown in the illustration until one end disengages from the guide.
- Lift the door bin away from the door.

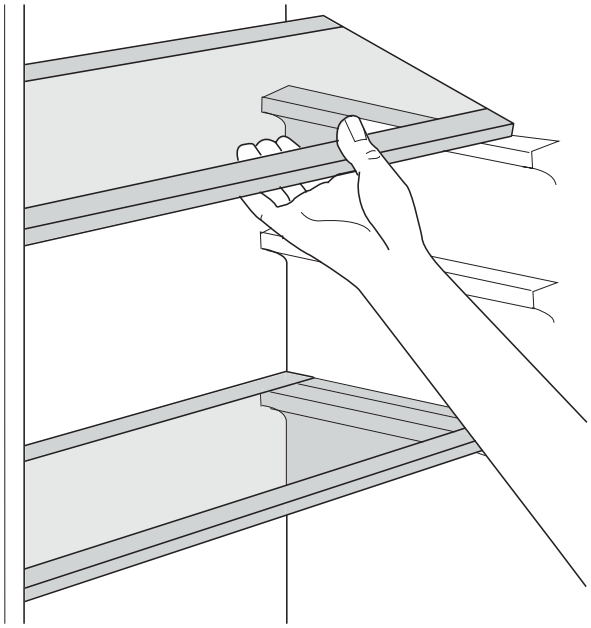
Installing a Door Bin

- Insert one end of the door bin into the guide.
- Press the opposite end inward until it clicks into place.
- Ensure both sides are fully engaged before use.



Removing Glass Shelves

- Lift the rear of the shelf slightly.
- Carefully pull the shelf forward to remove it.
- To reinstall, slide the shelf back into position and ensure it is securely supported before placing items on it.



Water Supply Connection

WARNING: Connect to a potable cold-water supply only.

- The refrigerator is equipped with a factory-installed 1/4-inch OD water supply tube and brass connection fitting at the rear of the appliance.
- Ensure the refrigerator is disconnected from electrical power.
- Locate the factory-installed water supply tube at the rear of the refrigerator.
- Remove the protective cap from the brass fitting.
- Connect the fitting to a compatible cold-water supply connection.
- Open the water supply valve and inspect all connections for leaks.
- Ensure the tubing is not kinked, pinched, or damaged when positioning the refrigerator.
- Water Supply Pressure: 20–100 PSI (approximately 140–690 kPa).

IMPORTANT: Do not cut, remove, or modify the factory-installed water supply tubing. The water connection should be completed by a qualified technician.

Operation

Starting the Refrigerator

- Ensure the refrigerator has been installed and leveled according to the Installation instructions.
- Connect the refrigerator to a properly grounded electrical outlet.
- When powered on, the display will illuminate and show the factory default temperature settings:
    - Refrigerator: **41°F (5°C)**
    - Freezer: **-2°F (-19°C)**
- After approximately 20 seconds, the display will turn off automatically to conserve energy. Press any control button to reactivate the display.

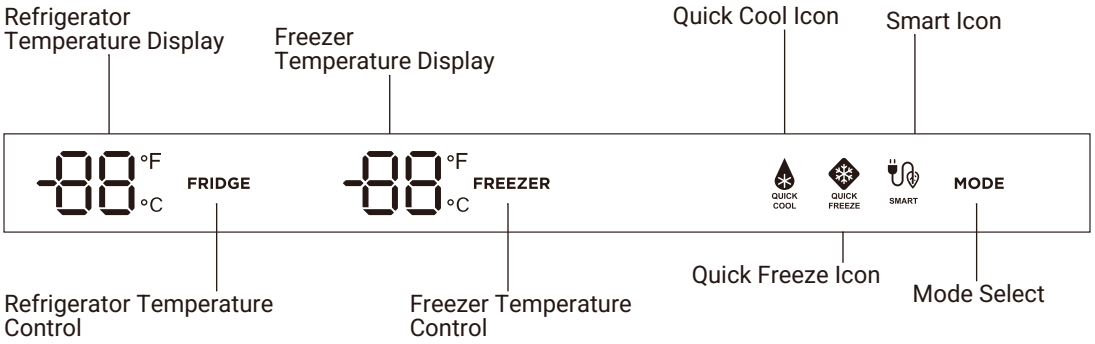
Automatic Ice Maker

- The automatic ice maker and ice storage bin are located in the upper freezer compartment.
- Ensure the refrigerator is connected to a potable cold-water supply and the water supply valve is open.
- Move the ice maker lever to the ON position to activate the ice maker.
- The ice maker will produce ice automatically and will stop when the ice storage bin is full.
- To stop ice production, move the ice maker lever to the OFF position.
- The ice maker can produce approximately 4 lb (1,800 g) of ice every 24 hours under normal operating conditions.

The first batch of ice may take several hours after the freezer reaches its set temperature.

NOTE: During ice production, you may hear the water valve activate, water flowing into the ice maker, and ice cubes dropping into the storage bin. These are normal operating sounds.

Control Panel



Temperature Display

- The control panel displays temperatures in Fahrenheit (°F) by default.
- Press and hold the MODE button for 5 seconds to switch between °F and °C.

Compartment	Celsius	Fahrenheit
Refrigerator	2°C–8°C	35°F–46°F
Freezer	-23°C–-15°C	-10°F–5°F

Setting the Temperature Control

- The refrigerator and freezer temperatures can be adjusted independently.
  Factory Default Settings:
    - Refrigerator: **41°F (5°C)**
    - Freezer: **-2°F (–19°C)**
- Before storing food for the first time, set the refrigerator compartment to 38°F (3°C) and allow the appliance to operate for at least 4 hours. This allows both compartments to cool before food is loaded. Afterward, adjust the temperature settings as desired.
- To change a temperature, press the corresponding **FRIDGE** or **FREEZER** button. Each press cycles through the available temperature settings.

Freezer Temperature Settings

- Factory default: **-2°F (–19°C)**.
- Adjustable range: **–10°F to 5°F (–23°C to –15°C)**.
- Press the **FREEZER** button to cycle through the available settings.

Refrigerator Temperature Settings

- Factory default: **41°F (5°C)**.
- Adjustable range: **35°F to 46°F (2°C to 8°C)**.
- Press the **FRIDGE** button to cycle through the available settings.



QUICK FREEZE MODE

- Quick Freeze rapidly lowers the freezer temperature when freezing large quantities of fresh food.
- The mode operates for up to 24 hours or until the freezer reaches **–18°F (–28°C)**, whichever occurs first.
- The freezer then returns to its previous temperature setting.
- To activate Quick Freeze, press the **MODE** button until the **QUICK FREEZE** icon illuminates.
- To deactivate it, press the **MODE** button until the **QUICK FREEZE** icon turns off.
- Quick Freeze and Quick Cool can operate simultaneously.



QUICK COOL MODE

- Quick Cool rapidly lowers the refrigerator temperature to **36°F (2°C)** after large quantities of food are added.
- The mode operates for up to 2 hours and 30 minutes or until the refrigerator reaches **36°F (2°C)**, whichever occurs first.
- The refrigerator then returns to its previous temperature setting.
- To activate Quick Cool, press the **MODE** button until the **QUICK COOL** icon illuminates.
- To deactivate it, press the **MODE** button until the **QUICK COOL** icon turns off.



SMART MODE

- Smart Mode is intended for extended absences when most food has been removed from the refrigerator compartment while frozen food remains in the freezer.
  When activated, Smart Mode automatically sets:
    - Refrigerator: **41°F (5°C)**
    - Freezer: **0°F (–18°C)**
- The appliance remains in Smart Mode until the feature is deactivated.
- To activate Smart Mode, press the **MODE** button until the **SMART** icon illuminates.
- To deactivate it, press the **MODE** button until the **SMART** icon turns off.

Sabbath Mode

Sabbath Mode disables the interior lighting and changes the display behavior while maintaining normal cooling and defrosting operation.

Activating Sabbath Mode

1. Open the refrigerator doors and freezer drawer.
2. Press and hold the **FREEZER** button for 10 seconds.
3. When the display turns off, Sabbath Mode is activated.

During Sabbath Mode

- The **LED** lights in the refrigerator and freezer compartments remain off.
- Opening the refrigerator doors or freezer drawer will not turn on the display.
- Touching the control panel will turn on the display and allow temperature adjustments.
- Normal cooling and defrosting operation will continue.

Exiting Sabbath Mode

1. With the refrigerator doors and freezer drawer open, press and hold the **FREEZER** button for 10 seconds.
2. Sabbath Mode will also automatically turn off after 80 hours of operation.

Refrigerator Compartment On/Off

Press and hold the **FRIDGE** button for 10 seconds to turn off the refrigerator compartment. Its temperature display will turn off.

To restore normal operation, press and hold the **FRIDGE** button again for 10 seconds.

Food Storage

Refrigerator Compartment

Storage of Foods

The refrigerator compartment is designed for storing fresh foods and beverages.

For best results:

- Allow hot foods and beverages to cool before placing them in the refrigerator.
- Cover or wrap foods before storage whenever possible.
- Store food in suitable containers to help prevent odors, moisture loss, and cross-contamination.
- Do not block the interior air vents. Proper air circulation is necessary to maintain an even temperature throughout the compartment.
- Do not place food directly against the rear interior wall.
- Avoid leaving the doors open for extended periods.
- Arrange food so that the doors can close completely.
- Clean spills promptly.

Crisper Drawers

Use the crisper drawers for storing fruits and vegetables.

For best results, keep produce appropriately packaged or contained and avoid overfilling the drawers. Remove spoiled produce promptly.

Door Bins

The refrigerator door bins may be used for beverages, condiments, and other frequently used refrigerated items.

Do not overload the door bins. Make sure all containers are securely positioned before closing the door.

Freezer Storage

The freezer compartment is designed for storing frozen food and freezing fresh food.

For best results:

- Package food securely before freezing.
- Use freezer-safe containers or packaging.
- Remove as much air as practical from packaging before sealing.
- Label and date frozen food when appropriate.
- Do not place hot food directly into the freezer.
- Avoid placing large quantities of unfrozen food into the freezer at one time.
- Allow adequate space around stored food for proper air circulation.
- Do not block the freezer air vents.
- Avoid leaving the freezer drawer open for extended periods.
- Do not refreeze food that has completely thawed.

Freezer Drawers

Use the freezer drawers to organize frozen foods and provide convenient access to stored items.

Do not overload the drawers or store items in a way that prevents the freezer drawer from closing completely.

Energy-Saving Tips

- Keep the refrigerator doors and freezer drawer closed as much as possible.
- Do not leave the doors open longer than necessary.
- Allow hot food to cool before placing it in the appliance.
- Do not overload the refrigerator or freezer compartments.
- Keep interior air vents unobstructed.
- Make sure the refrigerator doors and freezer drawer close completely and the gaskets form a proper seal.
- Maintain the required installation clearances around the appliance for proper ventilation.

Maintenance

Defrosting

- This refrigerator features an automatic defrost system and does not require manual defrosting.

Cleaning

- Always disconnect the refrigerator from the electrical outlet before cleaning.
- Clean the exterior with a soft cloth and mild detergent. Wipe dry with a clean cloth.
- Clean the interior with a soft cloth dampened with warm water or mild detergent. Dry thoroughly.
- Clean the door gaskets with water and a soft cloth. Wipe dry before closing the doors.
- Do not allow water to enter the control panel, switches, interior lighting, or other electrical components.
- Do not spray or rinse the refrigerator directly with water.
- Do not use metal scrapers, wire brushes, abrasive cleaners, strong alkaline detergents, or flammable or toxic cleaning products.
- Avoid allowing oily foods or grease to come into direct contact with the interior liner. Clean oily spills immediately to prevent possible damage, including cracking.
- After cleaning, ensure all surfaces are dry before reconnecting the refrigerator to power.

General Information

Vacation and Extended Nonuse

- For short vacations, the refrigerator may remain operating with food stored inside.
- If the refrigerator will not be used for an extended period:
- Remove all food.
- Disconnect the refrigerator from the electrical outlet.
- Clean and thoroughly dry the interior.
- Leave the doors slightly open to prevent odors and mold.

Power Failure

- During a power outage, keep the refrigerator doors and freezer drawer closed as much as possible to help maintain their internal temperatures.
- If the outage is expected to last for an extended period, avoid adding fresh food and minimize door openings.
- If a power outage is planned, activate Quick Freeze in advance to help lower the freezer tem perature before power is interrupted.

NOTE: After power is restored, check refrigerated and frozen foods for safe storage temperatures before consuming them.

Normal Operating Conditions

Delayed Compressor Startup

- At high ambient temperatures, the compressor may operate for longer periods to maintain the set temperature. A brief delay before the compressor restarts may also occur during normal operation.

Warm Center Divider

- The center divider between the refrigerator doors may feel warm during operation. This is normal and helps prevent condensation.

Condensation

- Moisture may form on the refrigerator's exterior surfaces during periods of high humidity. Wipe away condensation with a soft, dry cloth.

Normal Operating Sounds

- During operation, you may hear the compressor running, refrigerant flowing, or components expanding and contracting as temperatures change.
- You may also hear water entering the automatic ice maker or ice cubes dropping into the storage bin.
- These sounds are normal and do not indicate a malfunction.

Hot Compressor

- The compressor may become very hot during operation. Do not touch the compressor while the refrigerator is running or immediately after it has been turned off.

Extended Compressor Operation

- The compressor may run for extended periods when the surrounding temperature is high or after large quantities of food have been added. This is normal as the refrigerator works to reach its set temperatures.

Troubleshooting

Before contacting customer service, review the troubleshooting guide below. Many common issues can be resolved without professional service.

Problem	Possible Cause	Recommended Solution
Display panel is not illuminated.	• Display is in energy-saving mode. Power cord is disconnected.	• Press any control button to wake the display. Ensure the power cord is securely connected to a grounded outlet.
Door alarm sounds.	• One or more doors have been left open for more than 1 minute.	• Close all doors completely and check for obstructions.
Compressor does not run.	• Refrigerator is in an automatic defrost cycle. Power supply is interrupted.	• This is normal during defrosting. Verify that the refrigerator is receiving power.
Compressor runs continuously.	• Refrigerator was recently connected to power. Large quantities of warm food were added. Doors are opened frequently.	• Allow several hours for the refrigerator to reach its set temperature. Minimize door openings.
Refrigerator or freezer is not cooling sufficiently	• Temperature setting is too high. Air vents are blocked. Doors are not closing properly.	• Check the temperature settings, remove obstructions from air vents, and ensure the doors close completely.
Automatic ice maker is not producing ice	• Ice maker lever is OFF. Water supply valve is closed. Water supply is disconnected. Freezer has not reached its set temperature.	• Move the ice maker lever to ON. Verify the water supply connection and valve position. Allow the freezer to reach its set temperature.
Water leaking from the refrigerator	• Water supply connection is loose or tubing is damaged.	• Turn off the water supply and inspect accessible connections for leaks or damage. Contact qualified service personnel if the leak persists.
Doors do not close properly	• Food or containers obstruct the doors. Refrigerator is not properly leveled.	• Remove obstructions and check the leveling feet.
Excessive condensation	• High humidity, frequent door openings, or doors not sealing properly.	• Minimize door openings, check the door gaskets, and wipe away condensation with a soft cloth.
Vibrating or rattling noise.	• Floor is uneven. Loose objects are on top of the refrigerator. Refrigerator is touching a wall or cabinet.	• Level the refrigerator, remove loose objects, and maintain the required installation clearances.

If the problem persists after following the recommended troubleshooting steps, discontinue use if a safety hazard is suspected and contact KoolMore Customer Service. Do not attempt to repair electrical or refrigerant components yourself.

WARRANTY

LIMITED WARRANTY

KoolMore Supply Inc. extends a limited warranty to the original purchaser, guaranteeing that this KoolMore product is free from manufacturing defects in material or workmanship for one year from the date of purchase.

Should you discover any such defect within the warranty period, KoolMore Supply Inc. reserves the right to repair or replace the product without charge, or to cover the cost of replacement parts and repair labor needed to correct defects present at the time of purchase or resulting from regular usage, when the appliance has been installed, operated, and maintained as per the instructions provided.

At its sole discretion, KoolMore Supply Inc. may decide to replace the product. In such an event, your replacement appliance will carry the warranty for the remaining term of the original unit's warranty period.

This warranty is valid exclusively to the original purchaser of the product and only applicable within the United States. The warranty commences from the date of original consumer purchase. Proof of the original purchase date will be required to obtain service under this warranty.

Under this limited warranty, your sole and exclusive remedy will be product repair, as outlined above. All services must be provided by a KoolMore designated service company.

KoolMore shall not be responsible or liable for any loss, spoilage, or damage to food, beverages, pharmaceuticals, medical supplies, or any other contents stored in the unit resulting from failure, malfunction, defects, improper installation, improper use, power interruption, or any other cause. Any such losses are expressly excluded from coverage under this warranty.

To claim warranty or request repair service:
Email support@koolmore.com. Please include your name, address, phone number, warranty repair request, and a copy of your proof of purchase receipt. Alternatively, visit koolmore.com and use the Contact Us page. A KoolMore customer service representative will promptly arrange service for your appliance.

We thank you for choosing KoolMore.

WARRANTY EXCLUSIONS

This limited warranty will not cover:

1. Failure of the product to perform during power failures or interruptions, or due to inadequate electrical service.
2. Damage incurred during transportation or handling.
3. Damage caused by accidents, vermin, lightning, winds, fire, floods, or acts of God.
4. Damage resulting from accidents, alterations, misuse, abuse, improper installation, repair, or maintenance. This includes using any external device that alters or converts the voltage or frequency of electricity.
5. Unauthorized product modifications, repairs by unauthorized centers, or use of non-approved replacement parts.
6. Abnormal cleaning and maintenance not aligned with the user's manual.
7. Use of incompatible accessories or components.
8. Any costs associated with repairs or replacements under these excluded circumstances shall be the responsibility of the consumer.


KoolMore