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› KoolMore KM-RUF-42C Convertible Refrigerator/Freezer User Manual

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Model: KM-RUF-42C

INTRODUCTION

Thank you for choosing the KoolMore KM-RUF-42C Convertible Refrigerator/Freezer. This versatile appliance is designed to meet your diverse storage needs, functioning as either a refrigerator or a freezer. Its compact design and efficient operation make it an ideal addition to any home, apartment, or dorm room. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety.





Image: Front view of the KoolMore KM-RUF-42C Convertible Refrigerator/Freezer in silver, showcasing its sleek, upright design.

SAFETY INFORMATION

Your safety and the safety of others are very important. We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.

- **Electrical Safety:** Ensure the appliance is connected to a properly grounded outlet. Do not use extension cords or ungrounded adapters.
- **Flammable Refrigerant Warning:** This appliance contains isobutane refrigerant (R600a), a natural gas with high environmental compatibility, which is nevertheless combustible. During transportation and installation, ensure that none of the components of the cooling circuit become damaged. If the cooling circuit is damaged:
 - Avoid open flames and sources of ignition.
 - Thoroughly ventilate the room in which the appliance is situated.

- Do not damage the refrigerant circuit.
- **Proper Disposal:** Dispose of the appliance according to local regulations for flammable refrigerants and gases.
- **Child Safety:** Supervise children to ensure they do not play with the appliance. Old refrigerators and freezers are dangerous because children can get trapped inside.
- **Ventilation:** Ensure adequate ventilation around the appliance to prevent overheating.





Image: Rear view of the appliance, displaying the compressor unit and important safety and refrigerant warning labels. Note the C5H10 marking for the refrigerant.

SETUP

Unpacking

1. Remove all packaging materials, including the foam base and adhesive tape.
2. Inspect the appliance for any shipping damage. Report any damage to your retailer immediately.
3. Keep packaging materials out of reach of children.

Placement

- Place the appliance on a flat, stable surface strong enough to support it when fully loaded.
- Allow at least 4 inches (10 cm) of space around the back and sides for proper air circulation.
- Avoid placing the appliance in direct sunlight or near heat sources (e.g., stoves, radiators).
- This unit is designed for freestanding installation only. Do not recess or build into a cabinet.



Image: Diagram showing the external dimensions of the appliance: approximately 43.5 inches in height, 21.25 inches in depth, and 20.62

inches in width.



Image: The appliance positioned in a kitchen setting, demonstrating its compact size and freestanding placement next to standard cabinetry.

Power Connection

- Before plugging in, allow the appliance to stand upright for at least 2-4 hours to allow the refrigerant to settle.
- Plug the appliance into a dedicated 115V, 60Hz, 15 Amp grounded electrical outlet.
- Do not overload the circuit.

OPERATING INSTRUCTIONS

Convertible Function

This unit can operate as either a refrigerator or a freezer. The conversion is controlled by the temperature dial located inside the unit.

- **Refrigerator Mode:** Set the dial towards "REFRIGERATOR" for temperatures ranging from 32°F to 50°F (0°C to 10°C).
- **Freezer Mode:** Set the dial towards "FREEZER" for temperatures ranging from -11°F to 10°F (-24°C to -12°C).
- **Conversion Time:** Allow approximately 60-120 minutes for the unit to fully convert between modes and reach the desired temperature.



Image: Close-up view of the internal temperature control dial, clearly marked for "REFRIGERATOR" and "FREEZER" settings, with MIN/MAX indicators.



Image: Interior view of the appliance configured as a freezer, showing frozen food items and multiple shelves for organized storage.



Image: Interior view of the appliance configured as a refrigerator, displaying fresh produce and beverages on adjustable glass shelves and in crisper drawers.

Adjustable Shelves and Drawers

- The unit comes with 2 adjustable glass shelves and 2 crisper drawers.
- Adjust the shelf height to accommodate items of various sizes.
- The crisper drawers are ideal for storing fruits and vegetables.



Image: Detailed view of the two transparent crisper drawers, designed for optimal storage of fresh produce.







Image: Interior shot of the appliance, highlighting the adjustable glass shelves and the two crisper drawers at the bottom, offering flexible storage solutions.

Reversible Door

The door hinges are reversible, allowing you to change the door swing direction to best suit your space and ensure easy access. Refer to the separate door reversal instructions if you wish to change the hinge orientation.

MAINTENANCE

Manual Defrost

This appliance features a manual defrost system. Frost buildup can reduce cooling efficiency. Defrost the unit when frost accumulation reaches approximately 1/4 inch (6 mm) thickness.

1. Turn the temperature control to "OFF" and unplug the appliance.
2. Remove all food items and place them in another cooler or freezer.
3. Leave the door open to allow frost to melt naturally. You can place towels at the bottom to absorb water. Do not use sharp objects or heating devices to speed up defrosting.
4. Once all frost has melted, clean and dry the interior thoroughly.
5. Plug the appliance back in and reset the temperature control. Allow it to cool down before returning food items.

Cleaning

- Unplug the appliance before cleaning.
- Clean the interior with a solution of mild detergent and warm water. Wipe dry with a soft cloth.
- The glass shelves and drawers can be removed for easier cleaning. Wash them with mild soap and water, then dry thoroughly.
- Clean the exterior with a soft cloth dampened with water and a mild detergent.
- Periodically vacuum the condenser coils at the back of the unit to maintain efficiency.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Appliance does not operate	Not plugged in. Circuit breaker tripped or fuse blown. Temperature control set to "OFF".	Ensure plug is securely in outlet. Reset circuit breaker or replace fuse. Adjust temperature control to desired setting.
Temperature is not cold enough	Door opened too frequently. Large amount of warm food added. Poor ventilation around the unit. Temperature control set too high.	Minimize door openings. Allow time for new items to cool. Ensure adequate clearance around the unit. Adjust temperature control to a colder setting.

Problem	Possible Cause	Solution
Excessive frost buildup	Door not closed properly. High humidity in the room.	Check door seal and ensure it closes completely. Defrost the unit manually.
Noisy operation	Appliance not level. Vibrating components.	Adjust leveling feet. This is normal operation for a compressor-based appliance.

SPECIFICATIONS

Feature	Detail
Model	KM-RUF-42C
Capacity	4.2 Cubic Feet
Dimensions (D x W x H)	21.26" x 20.71" x 43.31"
Item Weight	68.9 pounds
Voltage	115 Volts
Defrost System	Manual
Temperature Range (Refrigerator)	32°F to 50°F (0°C to 10°C)
Temperature Range (Freezer)	-11°F to 10°F (-24°C to -12°C)
Shelves	2 Glass Shelves (Adjustable)
Drawers	2 Crisper Drawers
Door Hinges	Reversible
Certification	CSA
Country of Origin	China

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your purchase or visit the official KoolMore website. Keep your proof of purchase for warranty claims.

Contact Information: Please refer to the contact details provided in your product packaging or on the manufacturer's official website for technical assistance and service inquiries.

ASK A QUESTION ABOUT THIS MANUAL

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