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› [Koolatron Kenmore 21.0 Cu. Ft. Convertible Upright Freezer/Refrigerator User Manual](#)

Koolatron KKUF21

Koolatron Kenmore 21.0 Cu. Ft. Convertible Upright Freezer/Refrigerator User Manual

Model: KKUF21

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and efficient operation of your Koolatron Kenmore 21.0 Cubic Feet Convertible Upright Freezer/Refrigerator, model KKUF21. Please read these instructions thoroughly before installation and use, and retain them for future reference.

Your appliance offers a generous 21 cubic feet (600L) of storage capacity and features a convertible design, allowing it to function as either a freezer or a refrigerator. Key features include a digital control panel, automatic defrost, and a garage-ready design for versatile placement.



Image 1.1: Front view of the Koolatron Kenmore 21.0 Cu. Ft. Convertible Upright Freezer/Refrigerator.

FREEZER
-12°C (10°F) to -24°C (-11°F)

REFRIGERATOR
2°C (35°F) to 8°C (46°F)

CONVERTIBLE DESIGN

EASILY SWITCHES BETWEEN FREEZING & REFRIGERATION TO SUIT YOUR STORAGE NEEDS

2. 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.

General Safety Precautions:

- **Electrical Safety:** Ensure the appliance is connected to a grounded electrical outlet with the correct voltage and frequency. Do not use extension cords or adapter plugs.
- **Ventilation:** Allow adequate space around the appliance for proper ventilation. Blockage of air vents can lead to overheating and reduced efficiency.
- **Flammable Materials:** Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance. Keep flammable materials and vapors away from the appliance.
- **Child Safety:** Supervise children to ensure they do not play with the appliance. Old appliances should be disposed of safely to prevent child entrapment.
- **Placement:** Place the appliance on a firm, level surface. Avoid direct sunlight or heat sources.
- **Cleaning:** Always unplug the appliance before cleaning or performing maintenance.

3. SETUP AND INSTALLATION

Unpacking Your Appliance:

1. Remove all packaging materials, including foam bases and adhesive tape.
2. Inspect the appliance for any shipping damage. Report any damage to your retailer immediately.
3. Clean the interior and exterior of the appliance with a damp cloth and mild detergent before use.

Location and Placement:

- This appliance is designed to be "garage-ready," meaning it can operate effectively in a wider range of ambient temperatures compared to standard units.
- Ensure there is at least 4 inches (10 cm) of space at the back and sides of the appliance for proper air circulation.
- Avoid placing the unit near heat sources (e.g., oven, radiator, direct sunlight) or in excessively damp areas.



Image 3.1: Appliance dimensions: 74.6" H x 30.8" W x 33.1" D.



Image 3.2: The upright freezer integrated into a kitchen environment.

Leveling the Appliance:

It is crucial for the appliance to be level for proper operation. Adjust the leveling feet at the bottom of the unit by turning them clockwise to raise or counter-clockwise to lower until the appliance is stable and level.

Electrical Connection:

Plug the appliance into an exclusive, grounded 115V, 60Hz AC outlet. Do not use a power strip or extension cord. Allow the appliance to stand upright for at least 2-4 hours before plugging it in to allow refrigerants to settle.

4. OPERATING INSTRUCTIONS

Digital Control Panel:

Your appliance is equipped with an external digital control panel with an LED display for easy temperature management and mode selection.



Image 4.1: Detailed view of the external digital control panel.

Switching Between Freezer and Refrigerator Modes:

Press the "FRIDGE" or "FREEZER" button on the control panel to switch between the two operating modes. The LED display will indicate the current mode and temperature setting.

- **Freezer Mode:** Temperature range typically 7°F to -8°F (-14°C to -22°C). Ideal for long-term storage of frozen goods.
- **Refrigerator Mode:** Temperature range typically 35°F to 47°F (2°C to 8°C). Suitable for fresh food storage.

Temperature Adjustment:

Use the temperature adjustment buttons (usually indicated by up/down arrows or +/-) to set your desired temperature within the operating range of the selected mode.

Quick Freeze Feature:

Activate the Quick Freeze function for rapid cooling of newly added items. This helps to preserve food quality by quickly bringing items to freezing temperatures. Refer to the control panel for the specific button or sequence to activate this feature.

Alarms:

- **Door Open Alarm:** An audible alarm will sound if the door is left open for an extended period, helping to prevent energy waste and food spoilage.

- **High Temperature Alarm:** This alarm alerts you if the internal temperature rises above a safe threshold, indicating a potential issue that needs attention.



Image 4.2: Visual representation of the door open alarm feature.



Image 4.3: Visual representation of the high temperature alarm feature.

Interior Organization:

The appliance includes four removable shelves and door storage bins, allowing for flexible organization of your food items. Adjust shelves as needed to accommodate various sizes of containers and packages.



Image 4.4: Interior view showcasing shelves and door bins with various food items.

5. MAINTENANCE AND CARE

Automatic Defrost:

Your appliance features a total no-frost design, eliminating the need for manual defrosting. This system automatically prevents ice buildup, ensuring optimal operating condition and efficiency.

Cleaning:

- **Interior:** Unplug the appliance. Wash the interior surfaces, shelves, and door bins with a solution of mild detergent and warm water. Rinse and dry thoroughly.
- **Exterior:** Clean the exterior surfaces with a soft cloth and mild detergent. Avoid abrasive cleaners or solvents.
- **Door Gaskets:** Regularly clean the door gaskets to ensure a tight seal.

Power Outage:

In case of a power outage, keep the appliance door closed to maintain the internal temperature for as long as possible. Avoid opening the door unnecessarily.

Vacation Care:

- **Short Vacations:** Leave the appliance operating.
- **Long Vacations:** If you will be away for an extended period, consider emptying the appliance, unplugging it, cleaning it thoroughly, and leaving the door ajar to prevent odors.

6. TROUBLESHOOTING

Before contacting customer service, please review the following common issues and their potential solutions:

Problem	Possible Cause	Solution
Appliance does not operate.	Not plugged in; circuit breaker tripped; power outage.	Check power cord connection; reset circuit breaker; verify power supply.
Temperature is too warm.	Door not closed properly; frequent door openings; large amount of warm food added; poor ventilation; temperature setting too high.	Ensure door is sealed; reduce door openings; allow time for new food to cool; ensure proper clearance; adjust temperature setting lower.
Excessive noise.	Appliance not level; objects vibrating against the unit; normal operating sounds.	Level the appliance; ensure nothing is touching the unit; some sounds (e.g., refrigerant flow, compressor) are normal.
Door does not close completely.	Appliance not level; door gasket dirty or damaged; shelves/baskets out of place.	Level the appliance; clean or replace gasket; reposition shelves/baskets.

If the problem persists after checking these points, please contact Koolatron customer support for assistance.

7. SPECIFICATIONS

Feature	Detail
Brand	Koolatron
Model Name	KKUF21
Capacity	21.0 Cubic Feet (600 Liters)

Feature	Detail
Product Dimensions (D x W x H)	33.1" x 30.8" x 74.6" (84.1 cm x 78.2 cm x 189.5 cm)
Item Weight	180 Pounds (81.6 kg)
Color	White
Door Material Type	Painted Metal
Defrost Type	Automatic (No-Frost)
Shelves	4 Removable Shelves
Special Features	Convertible Refrigerator/Freezer, Garage Ready, Digital Controls, LED Interior Lighting, Door Open Alarm, High Temperature Alarm, Quick Freeze Mode

8. WARRANTY AND SUPPORT

Product Warranty:

Koolatron products are backed by a **2-year warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official Koolatron website.

Customer Support:

If you have any questions, require technical assistance, or need to make a warranty claim, please contact Koolatron customer support. Contact information can typically be found on the manufacturer's website or on the product packaging. You can also visit the [Koolatron Store on Amazon](#) for more information and support resources.

