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Koolatron KTCF50

Koolatron KTCF50 Rolling Tool Chest with Mini Fridge User Manual

Model: KTCF50 | Brand: Koolatron

1. IMPORTANT SAFETY INFORMATION

Please read all safety instructions carefully before operating the Koolatron KTCF50 Rolling Tool Chest with Mini Fridge. Failure to follow these instructions may result in property damage or personal injury.

- Always secure the unit in place when in use to prevent accidental movement.
- Handle drawers carefully to avoid pinch points.
- Ensure proper ventilation for the compressor unit at the rear of the appliance. Do not block air vents.
- Avoid contact with cooling components inside the refrigerator compartment.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this 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 they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- **Legal Disclaimer:** Product may contain materials cautioned by California Proposition 65.

2. PRODUCT OVERVIEW

The Koolatron KTCF50 is a compact, heavy-duty rolling tool chest integrated with a 1.8 cubic foot (50L) mini fridge. Designed for garage and workshop environments, it combines tool storage with convenient refrigeration.





Figure 2.1: Front view of the Koolatron KTCF50 unit.

Key Features:

- **Tool Storage:** Three spacious, easy-glide drawers with aluminum handles for organizing hand tools.
- **Mini Fridge:** 1.8 cu ft (50L) capacity refrigerator with an interior light and an adjustable/removable wire shelf.
- **Mobility:** Durable heavy-duty 3-inch swivel casters allow for easy movement and secure locking.

- **Cooling System:** Efficient compressor technology with adjustable temperature control (32°F to 50°F / 0°C to 10°C) and a magnetic door seal.
- **Design:** Space-saving flat-back design with enclosed evaporator coils.

3. SETUP AND INSTALLATION

3.1 Unpacking

1. Carefully remove the unit from its packaging. Retain packaging materials for future transport or storage.
2. Inspect the unit for any shipping damage. Contact your retailer immediately if damage is found.
3. Remove all internal packing materials, including any tape or protective film.

3.2 Placement

- Place the unit on a firm, level surface capable of supporting its weight when fully loaded.
- Ensure adequate air circulation around the back and sides of the unit for proper compressor cooling. Maintain at least 4 inches (10 cm) of space from walls or other objects.
- Avoid direct sunlight or proximity to heat sources (e.g., heaters, stoves) to optimize cooling efficiency.
- The unit is designed for indoor use in environments like garages or workshops.

3.3 Caster Installation and Use

The unit comes with pre-installed heavy-duty swivel casters for mobility.

- To move the unit, ensure the caster locks are disengaged.
- Once the unit is in its desired position, engage the caster locks by pressing down on the lever on each wheel to prevent unintended movement.



Figure 3.1: Detail of the unit's swivel wheels and aluminum handles.

4. OPERATION

4.1 Refrigerator Operation

1. Plug the unit into a grounded electrical outlet.
2. Locate the temperature control dial inside the refrigerator compartment.
3. Turn the dial to your desired cooling level. The temperature range is typically between 32°F (0°C) and 50°F (10°C). A higher number usually indicates a colder setting.
4. Allow several hours for the refrigerator to reach the set temperature before storing items.
5. The interior light will illuminate when the refrigerator door is opened.
6. The wire shelf can be adjusted to different heights or removed to accommodate various item sizes.

3 SPACIOUS EASY-GLIDE DRAWERS



ADJUSTABLE WIRE SHELF

Figure 4.1: View of the open drawers and the refrigerator compartment with adjustable shelf.

4.2 Drawer Usage

- The three drawers are designed for tool storage. Pull them out smoothly using the aluminum handles.
- Avoid overloading drawers to ensure smooth operation and prevent damage to the slides.
- Close drawers completely after use to maintain a tidy and safe workspace.

5. MAINTENANCE

5.1 Cleaning

- **Exterior:** Wipe the exterior surfaces with a soft cloth and mild detergent. Avoid abrasive cleaners or solvents.
- **Interior (Refrigerator):** Unplug the unit before cleaning. Wipe the interior with a solution of mild soap and water. Rinse with clean water and dry thoroughly.
- **Drawers:** Remove tools and wipe drawers with a damp cloth.
- **Condenser Coils:** Periodically clean the condenser coils at the back of the unit with a soft brush or vacuum cleaner

to ensure efficient operation. Ensure the unit is unplugged before cleaning coils.



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Figure 5.1: Rear view of the unit, highlighting the compressor area and ventilation.

5.2 Defrosting

This unit features manual defrost. Frost buildup on the evaporator can reduce cooling efficiency.

1. Unplug the unit from the power outlet.
2. Remove all contents from the refrigerator compartment.
3. Leave the refrigerator door open to allow frost to melt naturally. Place a towel at the bottom to absorb water.
4. Do not use sharp objects or heating devices to remove frost, as this can damage the cooling system.
5. Once defrosted, clean and dry the interior before plugging the unit back in.

6. TROUBLESHOOTING

Review the following common issues and solutions before contacting customer support.

Problem	Possible Cause	Solution
Unit does not operate	No power; Power cord unplugged; Circuit breaker tripped.	Check power outlet; Ensure cord is securely plugged in; Reset circuit breaker.
Refrigerator not cold enough	Temperature setting too warm; Door not closed properly; Excessive door openings; Unit overloaded; Poor ventilation.	Adjust temperature dial to a colder setting; Ensure door is sealed; Reduce frequency of door openings; Do not overfill; Ensure adequate space around unit.
Excessive noise	Unit not level; Objects touching the unit; Normal compressor operation.	Adjust leveling feet (if applicable) or reposition unit on a level surface; Ensure nothing is touching the unit; Some compressor noise is normal.
Drawers stick or are difficult to open	Overloaded drawer; Debris in drawer slides; Damaged slides.	Reduce load in drawer; Clean drawer slides; Contact support if slides are damaged.

7. SPECIFICATIONS

Detailed technical specifications for the Koolatron KTCF50.



Figure 7.1: Product dimensions of the Koolatron KTCF50.

Feature	Specification
Brand	Koolatron
Model Name	KTCF50

Feature	Specification
Product Dimensions (D x W x H)	17"D x 18.75"W x 32.1"H
Item Weight	56 Pounds
Refrigerator Capacity	1.8 cu ft (50 Liters)
Cooling Technology	Compressor
Temperature Range	32°F (0°C) to 50°F (10°C)
Number of Drawers	3
Number of Refrigerator Shelves	1 (Adjustable)
Defrost Type	Manual
Voltage	240 Volts
Wattage	80 watts
Material Type	Stainless Steel (Handles, Top, Back, Frame)
Casters	Heavy-duty 3" swivel casters with locks
Assembly Required	No

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to inquire about spare parts, please contact Koolatron customer service.

- **EU Spare Part Availability Duration:** 5 Years
- Refer to your purchase documentation for specific warranty terms and conditions.
- For assistance, visit the official Koolatron website or contact their customer support line.

Related Documents - KTCF50

	<p>Koolatron Miller Lite ML90 Bar Fridge User Manual & Warranty</p> <p>Official user manual and warranty information for the Koolatron Miller Lite ML90 Bar Fridge (90L / 3.2 cu.ft.). Includes specifications, safety instructions, installation guide, operating procedures, care, energy saving tips, and troubleshooting.</p>
	<p>Koolatron SmartKool Portable Cooler Freezer User Manual and Warranty</p> <p>Detailed user manual and warranty information for Koolatron SmartKool portable cooler freezers (SK30, SK40, SK50). Covers setup, operation, safety guidelines, troubleshooting, technical specifications, and maintenance for optimal use in vehicles and camping.</p>

	<p>Koolatron Compact Fridge User Manual: KBC46-W & KBC88-W-CH Installation, Operation, and Maintenance Guide</p> <p>Official user manual for Koolatron compact refrigerators, models KBC46-W and KBC88-W-CH. Includes detailed instructions on warranty, safety precautions, installation, features, maintenance, and troubleshooting.</p>
	<p>Koolatron KTCF155 Chest Freezer User Manual</p> <p>Comprehensive user manual for the Koolatron KTCF155 chest freezer, covering warranty, installation, operating instructions, care and cleaning, and troubleshooting. Includes important safety information and practical tips.</p>
	<p>Koolatron WC12MG 12-Bottle Wine Cooler User Guide and Warranty</p> <p>Official user guide and warranty information for the Koolatron WC12MG 12-bottle thermoelectric wine cooler. Covers features, specifications, safety, installation, operation, maintenance, and troubleshooting.</p>
	<p>Koolatron WC12MG Slim Wine Cellar 12-Bottle Wine Cooler User Manual</p> <p>User manual for the Koolatron WC12MG Slim Wine Cellar, a 12-bottle thermoelectric wine cooler. Includes warranty, features, specifications, safety, installation, operation, maintenance, and troubleshooting information.</p>