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Koolatron P27UK

Koolatron 12V Electric Portable Cooler/Warmer User Manual

Model: P27UK

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Koolatron 12V Electric Portable Cooler/Warmer. Please read these instructions thoroughly before using the appliance and retain them for future reference. This unit is designed to keep food and beverages cool or warm, making it suitable for travel, camping, and other outdoor activities.



Image: The Koolatron 12V Electric Portable Cooler/Warmer shown with its lid open, revealing various food and drink items stored inside. The power cord is visible on the side.

IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions before operating the appliance.
- Do not immerse the unit, cord, or plug in water or other liquids.
- Supervise children to ensure they do not play with the appliance.
- Unplug from the outlet when not in use and before cleaning.
- Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or has been damaged in any manner.
- Use only the provided 12V DC power cord. An AC adapter (sold separately) is required for indoor use.

- Ensure proper ventilation around the unit. Do not block air vents.
- Do not use the appliance for purposes other than its intended use.
- Avoid placing hot items directly into the cooler when in cooling mode, or cold items when in warming mode, as this can reduce efficiency.

INCLUDED COMPONENTS

- Koolatron Electric Portable Cooler/Warmer Unit
- 12V DC Power Plug (attached)
- Removable Shelf/Divider



Image: A diagram illustrating the key features of the Koolatron portable cooler, including its easy carry handles, the reliable iceless cooling/warming vent, the removable internal divider, and the secure sliding latch on the lid.

SETUP

1. **Unpacking:** Carefully remove the cooler from its packaging. Inspect for any damage.

2. **Placement:** Place the cooler on a stable, level surface. Ensure adequate space around the unit for proper ventilation, especially around the air vents.
3. **Internal Configuration:** The unit can be used as a chest-style cooler or an upright mini-fridge. The removable shelf/divider can be inserted to organize contents.
4. **Power Connection (12V DC):** Connect the attached 12V DC power plug into your vehicle's cigarette lighter socket or a compatible 12V power outlet. Ensure the connection is secure.
5. **Power Connection (AC - Optional):** For indoor use, an AC adapter (110V) is required and sold separately. Connect the 12V DC plug to the AC adapter, then plug the adapter into a standard wall outlet.



Image: A hand inserting the 12V DC power adapter into a vehicle's power socket, demonstrating the primary power connection method.

OPERATING INSTRUCTIONS

Your Koolatron cooler/warmer utilizes thermoelectric technology to either cool or warm its contents. The mode is selected by adjusting the power cord connection.

Cooling Mode

- To activate cooling, ensure the arrow on the power cord connector is aligned with the **BLUE DOT**.
- The unit will cool to approximately 40°F (22°C) below the ambient temperature. For best results, pre-chill items before placing them in the cooler.

Warming Mode

- To activate warming, ensure the arrow on the power cord connector is aligned with the **RED DOT**.
- The unit will warm to approximately 135°F (57°C). For best results, pre-heat items before placing them in the warmer.



Image: A visual guide demonstrating how to switch between warming mode (matching arrow to red dot) and cooling mode (matching arrow to blue dot) by adjusting the power cord connection.

Versatile Design

The cooler can be used in two primary configurations:

- **Chest-Style:** Used horizontally with the lid opening upwards, similar to a traditional cooler.
- **Upright Mini-Fridge:** Used vertically with the lid opening like a refrigerator door. The secure sliding lock helps keep the door closed in this orientation.

VERSATILE ICELESS COOLING & WARMING



**READY FOR ANY
ADVENTURE**



Road Trip



Tailgating



Picnics



Camping

Image: The Koolatron cooler displayed in two configurations: a chest-style orientation with the lid opening upwards, and an upright mini-fridge orientation with the lid opening like a door.

MAINTENANCE

Cleaning

- Always unplug the unit before cleaning.
- Wipe the interior and exterior surfaces with a damp cloth and mild detergent.
- Do not use abrasive cleaners or harsh chemicals, as these can damage the surfaces.
- Ensure the unit is completely dry before plugging it back in.
- Periodically check and clean the air vents to ensure unobstructed airflow.

Storage

- When not in use, store the cooler in a clean, dry place.
- Leave the lid slightly ajar to prevent odors and mildew buildup.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit is not cooling/warming.	No power, incorrect mode selected, blocked vents.	Check power connection. Ensure the 12V plug is fully inserted. Verify the arrow on the connector aligns with the correct color dot (blue for cool, red for warm). Clear any obstructions from the air vents.
Cooling/warming is inefficient.	High ambient temperature, unit overloaded, poor ventilation.	Pre-chill or pre-heat items before placing them in the unit. Do not overfill. Ensure adequate space around the unit for airflow. Avoid direct sunlight when cooling.
Unit makes unusual noise.	Fan obstruction or malfunction.	Unplug the unit and check for any debris obstructing the fan. If the noise persists, contact customer support.
Power cord feels hot.	Loose connection or faulty socket.	Ensure the 12V plug is firmly seated in the socket. If the issue persists, try a different 12V socket or contact customer support.

SPECIFICATIONS

- **Brand:** Koolatron
- **Model:** P27UK
- **Capacity:** 27 Liters (29 Quarts)
- **Power Input:** 12V DC
- **Wattage:** 48 watts
- **Cooling Performance:** Cools to 40°F (22°C) below ambient temperature
- **Warming Performance:** Warms to 135°F (57°C)
- **Product Dimensions:** 17.25 x 15.25 x 15.25 inches (43.8 x 38.7 x 38.7 cm)
- **Item Weight:** 11.24 pounds (5.11 Kilograms)
- **Material:** Hard-sided Plastic
- **Color:** Dove Gray
- **Defrost System:** Manual



Image: A diagram illustrating the physical dimensions of the Koolatron cooler in centimeters, along with icons indicating the included 12V DC plug and compatibility with a 230V AC adapter (sold separately).

WARRANTY INFORMATION

For specific warranty details and terms, please refer to the documentation included with your purchase or contact Koolatron customer support directly. Warranty coverage typically applies to manufacturing defects and may vary by region.

CUSTOMER SUPPORT

If you have any questions, require assistance, or need to report an issue with your Koolatron Electric Portable Cooler/Warmer, please contact Koolatron customer service. Contact information can typically be found on the manufacturer's website or on the product packaging.

Online Support: Visit the official Koolatron website for FAQs and support resources.

Phone Support: Refer to your product packaging or the Koolatron website for regional contact numbers.

Related Documents - P27UK

	<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 KWC4-C Coca-Cola Retro Mini Thermoelectric Cooler User Manual & Warranty</p> <p>User manual and warranty details for Koolatron thermoelectric coolers, including the KWC4-C Coca-Cola model and Retro Mini. Covers features, operation, maintenance, and a 90-day limited warranty.</p>
	<p>Michelin 6L LED Fridge Thermoelectric Cooler User Manual</p> <p>User manual for the Michelin 6L LED Fridge thermoelectric cooler (Model MICHM6) by Koolatron. Includes warranty information, features, operating instructions, maintenance, and safety warnings.</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>Kenmore KKUF07 Convertible Upright Freezer/Fridge Use & Care Guide</p> <p>Comprehensive guide for the Kenmore KKUF07 Convertible Upright Freezer/Fridge, covering safety instructions, product overview, installation, operation, cleaning, maintenance, troubleshooting, and warranty information. Includes essential safety warnings, setup procedures, energy-saving tips, and problem-solving advice.</p>
	<p>Kenmore 7.0 cu. ft. Convertible Upright Freezer/Fridge Use & Care Guide</p> <p>Comprehensive use and care guide for the Kenmore KKUF07 7.0 cu. ft. convertible upright freezer/fridge, covering safety instructions, product overview, installation, operation, cleaning, maintenance, and troubleshooting.</p>

