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› Koolatron P20 Portable Cooler - Electric Cooler and Warmer User Manual

Koolatron P20

Koolatron Portable Cooler - Electric Cooler and Warmer

Model: P20 | Brand: Koolatron

PRODUCT OVERVIEW

The Koolatron P20 Portable Cooler is a versatile 12V electric cooler and warmer designed for convenience on the go. With an 18-quart (17-liter) capacity, it can hold up to 23 standard 12-ounce beverage cans. Utilizing thermoelectric technology, this unit efficiently cools items to approximately 40°F (22°C) below the ambient temperature or warms them up to 140°F (60°C), eliminating the need for ice. Its slim design allows it to fit easily in various vehicle spaces, making it ideal for road trips, camping, boating, and other outdoor activities.



This image displays the Koolatron P20 Portable Cooler with its lid partially open, revealing various food items and beverages stored within. The attached 12V power cord is visible, indicating its electric operation. The cooler's compact and upright design is highlighted.

KEY FEATURES

- **Dual Functionality:** Operates as both a cooler and a warmer, maintaining temperatures approximately 40°F (22°C) below ambient for cooling and up to 140°F (60°C) for warming.

- **Iceless Thermoelectric Technology:** Eliminates the need for ice, providing hassle-free cooling and more usable internal space.
- **Compact and Portable Design:** Slim profile (8.74"D x 17.24"W x 15.98"H) fits conveniently in vehicles, including between seats of most minivans. Features a sturdy fold-away carry handle for easy transport.
- **Generous Capacity:** 17-liter (18-quart) capacity, accommodating up to 23 standard 12-ounce beverage cans.
- **12V DC Powered:** Plugs directly into your vehicle's 12V DC outlet (cigarette lighter socket). AC adapter sold separately for home use.
- **Durable Construction:** Features an injection-molded hard exterior and a stain-resistant interior for easy cleaning and long-lasting use.



This image illustrates the key design elements of the Koolatron P20, pointing out its iceless thermoelectric cooling system, the robust fold-away carry handle for portability, and its overall space-saving form factor.

**SPACIOUS ENOUGH TO STORE
SNACKS AND DRINKS**



Road Trip



Tailgating



Picnics

An overhead view showing the interior of the Koolatron P20 cooler, filled with multiple beverage cans, emphasizing its generous storage capacity for snacks and drinks.



The Koolatron P20 fits snugly in the back seat of a vehicle, providing easy access to its contents during travel.

SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove the cooler from its packaging. Inspect the unit for any signs of damage.
2. **Placement:** Place the cooler in a stable location in your vehicle, ensuring adequate ventilation around the fan area (located on the side/bottom). The slim design is ideal for placement between seats or in cargo areas.
3. **Power Connection:** Locate the 12V DC power cord. Plug the smaller end into the cooler's power input.
4. **Vehicle Connection:** Insert the 12V DC plug into your vehicle's cigarette lighter or 12V accessory outlet. Ensure a secure connection.
5. **Optional AC Connection (Adapter Sold Separately):** If using indoors, connect the cooler to a compatible AC-to-12V DC adapter (not included) and then plug the adapter into a standard wall outlet.



Add ac adapter (sold separately) to seamlessly transfer from your vehicle to Indoors

This visual guide demonstrates the two primary ways to power the Koolatron P20: directly plugging into a vehicle's 12V DC outlet, and connecting via an optional AC adapter for use with standard household electrical outlets.

OPERATING THE COOLER/WARMER

The Koolatron P20 offers both cooling and warming functions. The mode is determined by the polarity of the power plug connection.

Cooling Mode:

To activate cooling, ensure the power cord's arrow aligns with the **BLUE** dot on the cooler's power input. In this mode, the unit will cool contents to approximately 40°F (22°C) below the surrounding ambient temperature. For optimal cooling, pre-chill items before placing them in the cooler.

Warming Mode:

To activate warming, ensure the power cord's arrow aligns with the **RED** dot on the cooler's power input. The unit can warm contents up to 140°F (60°C). This is suitable for keeping food warm during travel.

Capacity:

The 17-liter capacity can hold up to 23 standard 12-ounce (355 mL) cans. Arrange items to allow for proper air circulation inside the unit for best performance.

This official product video from Koolatron demonstrates the features and usage of the Slim Compact 18 qt 12V Cooler Warmer, including its dual cooling and warming capabilities and compact design.

CARE AND MAINTENANCE

- **Cleaning:** The interior of the cooler is stain-resistant and easy to clean. Wipe down the interior and exterior surfaces with a damp cloth and mild detergent. Do not submerge the unit in water.
- **Fan Maintenance:** Periodically check the fan vents for dust or debris accumulation. Gently clean with a soft brush or vacuum to ensure proper airflow and efficient operation.
- **Storage:** When not in use, ensure the cooler is clean and dry. Store it in a cool, dry place away from direct sunlight.

TROUBLESHOOTING GUIDE

Problem	Possible Cause	Solution
Unit not cooling/warming	No power connection	Ensure 12V DC plug is securely inserted into the vehicle outlet or AC adapter. Check vehicle's fuse for the 12V outlet.
Unit not cooling/warming	Incorrect mode selected	Verify the power cord's arrow aligns with the BLUE dot for cooling or RED dot for warming.
Insufficient cooling/warming	Poor ventilation	Ensure fan vents are clear of obstructions and there is adequate space around the unit for airflow.
Insufficient cooling/warming	High ambient temperature	Thermoelectric coolers perform best when the ambient temperature is not excessively high. Pre-chill items for better results.
Fan is noisy	Dust or debris in fan	Clean fan vents as described in the Maintenance section. If noise persists, contact customer support.

PRODUCT SPECIFICATIONS

Feature	Detail
Brand	Koolatron
Model Name	Koolatron P20
Capacity	17 Liters / 18 Quarts (holds up to 23 standard 12 oz cans)
Product Dimensions	8.74"D x 17.24"W x 15.98"H
Item Weight	5 Pounds
Power Source	12 Volts DC (48 watts)

Feature	Detail
Cooling Performance	Cools to 40°F (22°C) below ambient temperature
Warming Performance	Warms up to 140°F (60°C)
Material	Plastic, Polyurethane Foam (insulation)
Color	Gray
Country of Origin	Canada



This image provides a detailed diagram of the Koolatron P20's dimensions (17.25 inches length, 8.75 inches width, 16 inches height), its 17-liter capacity, and highlights its 12V DC power compatibility.

WARRANTY INFORMATION

The Koolatron P20 Portable Cooler comes with a **1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty

claims. For full warranty terms and conditions, refer to the official Koolatron website or contact customer support.

CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please contact Koolatron Customer Service.

Online Resources:

- [Download User Manual \(PDF\)](#)
- Visit the official [Koolatron Store on Amazon](#) for more products and information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question