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AREBOS AR-HE-KB30R

AREBOS 25L Thermoelectric Cooler User Manual

Brand: AREBOS | **Model:** AR-HE-KB30R

1. Introduction and Product Overview

Thank you for choosing the AREBOS 25L Thermoelectric Cooler. This versatile appliance is designed to keep your food and beverages cool or warm, making it an ideal companion for picnics, road trips, camping, or as an auxiliary refrigerator. Its dual functionality allows for cooling up to 20°C below ambient temperature and heating up to approximately 50°C. Equipped with both 12V and 230V power options, it offers flexible use in vehicles or standard power outlets.



Image: The AREBOS 25L Thermoelectric Cooler in red, with its lid open, filled with various bottles and ice. The 12V car adapter and 230V mains plug are visible in the top right corner, indicating its dual power capability.

2. Safety Instructions

Please read these safety instructions carefully before using the appliance to prevent injury and damage. Keep this manual for future reference.

- Ensure the power supply voltage matches the rating label on the appliance (12V DC or 230V AC).
- Do not immerse the appliance, cord, or plug in water or other liquids.
- Do not block the ventilation openings. Ensure adequate air circulation around the cooler, especially around the fan and vents.
- Do not use the cooler in direct sunlight or near heat sources to maintain optimal performance and prevent overheating.
- Unplug the cooler from the power source before cleaning or when not in use.
- Do not use abrasive cleaners or sharp objects to clean the interior or exterior of the cooler.

- Keep out of reach of children. This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities unless supervised.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- Do not place hot food directly into the cooler when in cooling mode, or cold food when in heating mode, as this can affect efficiency. Allow items to reach desired temperature before placing them inside.

3. Package Contents

Upon unpacking, please verify that all components are present and undamaged:

- 1 x AREBOS 25L Thermoelectric Cooler
- 1 x 12V DC Car Power Cable (for cigarette lighter socket)
- 1 x 230V AC Mains Power Cable (for standard European power outlets)
- 1 x User Manual (this document)

4. Setup

The AREBOS cooler offers flexible power options for various environments.

4.1. Connecting to 230V AC Mains Power

1. Ensure the cooler is placed on a stable, flat surface with adequate ventilation around all sides.
2. Locate the 230V AC input port on the cooler.
3. Connect the 230V AC mains power cable to the cooler's input port.
4. Plug the other end of the cable into a standard 230V AC wall outlet.
5. The cooler is now ready for operation.

4.2. Connecting to 12V DC Car Power

1. Ensure the vehicle's engine is running or the ignition is in the accessory position to provide power to the cigarette lighter socket.
2. Locate the 12V DC input port on the cooler.
3. Connect the 12V DC car power cable to the cooler's input port.
4. Insert the cigarette lighter plug into your vehicle's 12V cigarette lighter socket.
5. The cooler is now ready for operation in your vehicle.



Image: The AREBOS cooler shown in an outdoor setting, illustrating its versatility with multiple connection possibilities including standard grid power, portable solar panels, and portable power stations, alongside a caravan and bicycle.

5. Operating Instructions

The AREBOS cooler features intuitive controls for both cooling and heating functions, along with an energy-saving mode.

5.1. Selecting Cooling or Heating Mode

- Once powered on, locate the mode switch on the control panel.
- To activate **Cooling Mode**, set the switch to the "COLD" position. An indicator light (usually green or blue) will illuminate. The cooler will begin to cool the interior down to approximately 20°C below the ambient temperature.
- To activate **Heating Mode**, set the switch to the "HOT" position. An indicator light (usually red) will illuminate. The cooler will begin to heat the interior up to approximately 50°C.
- To turn off the appliance, set the switch to the "OFF" position.



Image: A split image showing the AREBOS cooler in a snowy, cold environment on the left, and in a sunny, warm environment on the right, emphasizing its dual cooling and heating capabilities.

5.2. ECO Mode (Energy Saving)

- The cooler is equipped with an ECO-Save function for energy efficiency.
- When operating on 230V AC mains power, you can switch to "ECO" mode. In this mode, the cooler operates at a lower power consumption, maintaining a stable temperature with reduced energy use. This is ideal for prolonged use where maximum cooling/heating speed is not critical.
- For faster cooling/heating, use the "MAX" mode.



Image: A detailed view of the AREBOS cooler's control panel, highlighting the switch for MAX and ECO modes, indicating its energy-saving feature.

5.3. Handle Locking Mechanism

The cooler features a convenient handle that also serves as a lid lock.

- To lock the lid, rotate the handle forward until it clicks into place over the lid. This secures the lid during transport and helps maintain internal temperature.
- To unlock and open the lid, rotate the handle backward to release the locking mechanism.



Image: A close-up diagram illustrating the handle of the AREBOS cooler, showing how it rotates to lock (red padlock icon) and unlock (blue padlock icon) the lid, ensuring secure closure.

6. Maintenance

Proper maintenance ensures the longevity and efficiency of your AREBOS cooler.

6.1. Cleaning

- Always unplug the cooler before cleaning.
- Wipe the interior and exterior surfaces with a soft cloth dampened with mild soap and water.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the plastic surfaces.
- Ensure the cooler is completely dry before reconnecting to power.
- Periodically check and clean the ventilation grilles to prevent dust buildup, which can impair performance.

6.2. Storage

- When not in use for extended periods, ensure the cooler is clean and dry.
- Store the cooler in a cool, dry place, away from direct sunlight and extreme temperatures.
- The power cables can be conveniently stored in the integrated compartment within the lid.



Image: A top-down view of the AREBOS cooler's lid, highlighting the practical compartment designed for storing the power cables, with labels indicating maximum cable lengths.

7. Troubleshooting

If you encounter issues with your AREBOS cooler, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Cooler is not turning on.	No power supply; loose connection; faulty outlet/socket.	Check if the power cable is securely plugged into both the cooler and the power source. Test the outlet/socket with another device. Ensure vehicle ignition is on for 12V use.
Cooling/Heating performance is poor.	Blocked ventilation; lid not properly closed; ambient temperature too high/low; ECO mode active (for cooling/heating speed).	Ensure ventilation grilles are clear and not obstructed. Check that the lid is securely closed and the handle is locked. Avoid placing in direct sunlight or extreme heat. Switch to "MAX" mode if faster performance is desired. Pre-chill/pre-heat items before placing them in the cooler.
Excessive noise from the fan.	Dust buildup on fan; fan obstruction.	Unplug the cooler and carefully clean the fan and ventilation grilles. Ensure nothing is obstructing the fan blades.
Condensation inside the cooler.	Normal operation, especially in humid conditions; frequent opening of the lid.	Wipe away condensation with a dry cloth. Minimize opening the lid unnecessarily. The special sealing rubber in the lid helps reduce condensation.

If the problem persists after attempting these solutions, please contact AREBOS customer support.

8. Specifications

Brand	AREBOS
Model Number	AR-HE-KB30R
Capacity	25 Liters
Dimensions (L x W x H)	32 x 44 x 44.7 cm
Weight	4.6 Kilograms
Voltage	12 Volts DC / 230 Volts AC
Cooling Performance	Cools up to 20°C below ambient temperature
Heating Performance	Heats up to approximately 50°C
Material	Plastic (Double-walled casing)
Special Features	Portable, ECO-Save function, Special sealing rubber in lid, Integrated cable compartment



Image: A diagram showing the precise dimensions of the AREBOS 25L Thermoelectric Cooler: 44.7 cm height, 44 cm length, and 32 cm width.

9. Warranty and Support

AREBOS products are manufactured with high quality standards. For any questions, technical support, or warranty claims, please contact AREBOS customer service. Please have your model number (AR-HE-KB30R) and purchase information ready when contacting support.

Return Policy: The product is subject to a 30-day refund/replacement return policy from the date of purchase, as per standard terms.

For further assistance, you may visit the official AREBOS store on Amazon:AREBOS Amazon Store

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