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› Karinear Portable Tent Air Conditioner User Manual

Karinear Black Air Conditioner

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Model: Black Air Conditioner

Brand: Karinear

INTRODUCTION

Thank you for choosing the Karinear Portable Tent Air Conditioner. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new air conditioner. Please read this manual thoroughly before using the product and retain it for future reference.

IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions before using this appliance.
- Always plug the unit into a grounded 110V outlet.
- Do not operate the unit with a damaged cord or plug.
- Keep the unit away from water and moisture.
- Ensure proper ventilation around the unit during operation.
- Do not block air inlets or outlets.
- Unplug the unit before cleaning or performing any maintenance.
- 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.

PRODUCT OVERVIEW

The Karinear Portable Tent Air Conditioner is designed for versatile cooling in various environments such as tents, RVs, and small rooms. It features a robust compressor, multiple cooling modes, and a user-friendly interface.



Figure 1: Labeled components of the Karinear Portable Tent Air Conditioner. Key parts include the Control/Display Panel, Cold Air Extension Tubes, Heat Dissipation Ducts, Inlet Air Ducts, Cooling System, Overload Protection, and Drainage Outlet.

Key Features:

- **3300 BTU Cooling Capacity:** Rapidly cools spaces down to 60°F.
- **Quiet Operation:** Operates at less than 50 decibels for a peaceful environment.
- **Multiple Modes:** Cool, Dehumidify, and Fan modes for customized climate control.
- **24-Hour Timer:** Allows for scheduled operation.
- **Adjustable Fan Speeds:** High and Low settings.
- **Remote Control:** For convenient operation.
- **Compact and Portable:** Dimensions of 11.8 x 13.38 x 13.78 inches and 29.9 lbs.

SETUP INSTRUCTIONS

1. **Unpack the Unit:** Carefully remove the air conditioner and all accessories from the packaging. Ensure all components listed in the "What's in the Box" section are present.
2. **Positioning:** Place the unit on a stable, flat surface. Ensure there is adequate space around the unit for proper airflow (at least 12 inches from walls or other obstructions).
3. **Connect Air Ducts:**
 - Attach the Cold Air Extension Tubes to the designated outlets on the front of the unit.
 - Attach the Heat Dissipation Ducts to the designated outlets on the rear of the unit. Ensure these ducts are directed outside the tent/RV or towards an open area to exhaust hot air.
 - Attach the Inlet Air Ducts to the designated inlets, ensuring they draw in fresh air.
4. **Power Connection:** Plug the power cord into a standard 110V grounded electrical outlet.
5. **Drainage Setup (if applicable):** For dehumidification mode or prolonged use in high humidity, connect a drainage hose to the drainage outlet if continuous drainage is desired. Otherwise, the internal reservoir will collect condensate.



Figure 2: The Karinear Portable Tent Air Conditioner with its air ducts fully extended, ready for operation.

OPERATING INSTRUCTIONS

The unit can be operated using the control panel on top of the unit or the included remote control.



Figure 3: The control panel on the unit and the remote control, showing various buttons for operation.

Control Panel / Remote Control Functions:

- **Power Button (⏻):** Turns the unit ON or OFF.
- **Mode Button (☐):** Cycles through cooling modes: Cool, Dehumidify, Fan.



Figure 4: Visual representation of the three available working modes: Cool, Dehumidify, and Fan.

- **Temperature Adjustment (+ / -):** Adjusts the desired temperature in Cool mode.
- **Fan Speed Button (↔):** Selects between High and Low fan speeds.
- **Timer Button (⌚):** Sets the 0-24 hour timer for automatic ON/OFF.
- **Sleep Mode Button (☾):** Activates sleep mode for quieter and more energy-efficient operation. *Note: Sleep function cannot be activated in Dehumidification or Air Supply (Fan) modes.*



Figure 5: The air conditioner operating in sleep mode, designed for quiet and energy-efficient performance.

- **Lock Button (⏻):** Locks the control panel to prevent accidental changes.

Operating Tips:

- For optimal cooling, ensure all windows and doors in the area are closed.
- Regularly check and empty the water tank if not using continuous drainage in Dehumidify mode.
- The unit is designed for portability and can be used in various settings as shown below.



Figure 6: Examples of common usage scenarios for the portable air conditioner, including travel, camping, fishing, RVs, general outdoor use, and pet cooling.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your air conditioner.

Cleaning the Unit:

- **Exterior Cleaning:** Wipe the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Air Filter Cleaning:** The air filter should be cleaned every two weeks or more frequently depending on usage.
 - a. Unplug the unit from the power outlet.
 - b. Locate and remove the air filter (refer to product diagram if unsure).
 - c. Wash the filter with warm, soapy water. Rinse thoroughly.
 - d. Allow the filter to air dry completely before reinserting it into the unit.

Water Drainage:

The unit will accumulate condensate during cooling and dehumidifying operations. You can choose between manual drainage or continuous drainage.

- **Manual Drainage:** When the internal water tank is full, the unit may stop operating and indicate a full tank. Unplug the unit, place a shallow pan under the drainage outlet, and remove the drain plug to empty the water. Replace the plug securely after draining.
- **Continuous Drainage:** For continuous operation without manual draining, attach a suitable drainage hose (not included) to the drainage outlet and direct it to a floor drain or larger container.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	No power; Power cord unplugged; Circuit breaker tripped; Water tank full.	Ensure unit is plugged into a live 110V outlet; Check circuit breaker; Empty water tank.
Unit is running but not cooling.	Air filter clogged; Room temperature too low; Doors/windows open; Exhaust hose not properly installed.	Clean air filter; Ensure room temperature is above 60°F; Close all doors and windows; Ensure exhaust hose is properly vented outside.

Problem	Possible Cause	Solution
Unit is noisy.	Unit not on a flat surface; Obstruction in fan; Air filter clogged.	Place unit on a flat, stable surface; Check for and remove any obstructions; Clean air filter.
Water leaking from unit.	Drain plug loose; Drainage hose not properly connected or blocked.	Ensure drain plug is secure; Check drainage hose connection and clear any blockages.

SPECIFICATIONS

Feature	Specification
Brand	Karinear
Model Number	Black Air Conditioner
Cooling Capacity	3300 BTU
Rated Voltage	110V
Rated Frequency	60Hz
Input Power	436W
Noise Level	< 50 dB
Item Weight	28 pounds (approx. 12.7 kg)
Product Dimensions	15 x 17 x 13 inches (approx. 38.1 x 43.2 x 33 cm)
Working Temperature Range	60.8 - 86°F
Installation Type	Portable
Included Components	Portable Air Conditioner Unit



Figure 7: The air conditioner connected to power, with a summary of its key technical specifications.

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the purchase documentation or contact Karinear customer service directly. You can also visit the official Karinear store on Amazon for more information and contact options: [Karinear Store](#).

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