

Midea AKPD14HR4

Midea AKPD14HR4 Arctic King 14000 BTU Portable AC/Heater User Manual

Model: AKPD14HR4

INTRODUCTION

Thank you for choosing the Midea AKPD14HR4 Arctic King 14000 BTU Portable AC/Heater. This appliance is designed to provide both cooling and heating comfort for your indoor environment. Please read this manual thoroughly before installation and use to ensure proper operation, maintenance, and safety. Keep this manual for future reference.

SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- Read all instructions before using the appliance.
- Connect to a properly grounded outlet only.
- Do not operate the unit with a damaged cord or plug.
- Do not block air inlets or outlets.
- Keep flammable materials away from the unit.
- Unplug the unit before cleaning or servicing.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.

PRODUCT OVERVIEW

The Midea AKPD14HR4 is a versatile portable air conditioner and heater unit. It features a compact design with integrated handles for easy relocation.



Figure 1: Front view of the Midea AKPD14HR4 Arctic King Portable AC/Heater. This image displays the main unit in a light gray finish, featuring the 'Arctic King' logo in blue on the front panel. The top panel includes control buttons, and a handle is visible on the side for portability. The exhaust port is visible on the right side.

Key Components:

- Control Panel
- Air Outlet Louvers
- Air Inlet (with filter)
- Exhaust Air Outlet
- Drainage Port
- Power Cord
- Remote Control

SETUP

Proper setup is crucial for efficient operation.

1. Placement:

- Place the unit on a flat, stable surface.
- Maintain at least 20 inches (50 cm) of clearance from walls or other objects to ensure proper airflow.
- Ensure the unit is near a grounded 110-volt electrical outlet.

2. Window Kit Installation:

1. Assemble the window slider kit to fit your window opening.
2. Insert the exhaust hose into the adapter and then into the window kit opening.
3. Secure the window kit in the window frame, ensuring a tight seal to prevent air leakage.

3. Exhaust Hose Connection:

- Attach one end of the exhaust hose to the exhaust air outlet on the back of the unit.
- Connect the other end of the hose to the window kit adapter.
- Ensure the hose is not kinked or sharply bent, as this can restrict airflow and reduce efficiency.

4. Power Connection:

Plug the power cord into a grounded 110-volt electrical outlet. The unit is UL rated for electrical safety.

OPERATING INSTRUCTIONS

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

Control Panel:

The control panel typically includes buttons for Power, Mode, Fan Speed, Timer, and Temperature Adjustment.

Remote Control:

The remote control provides full functionality from a distance. Ensure batteries are installed correctly.

Operating Modes:

- **Cool Mode:** For cooling the room. Set desired temperature and fan speed.
- **Heat Mode:** For heating the room. Set desired temperature and fan speed.
- **Fan Mode:** Circulates air without cooling or heating. Select desired fan speed.
- **Dry (Dehumidify) Mode:** Reduces humidity in the room. Fan speed is typically fixed in this mode.

Temperature and Fan Speed Adjustment:

- Use the Up/Down arrows to set the desired temperature.
- Press the Fan Speed button to cycle through Low, Medium, and High settings.

Timer Function:

Set the unit to turn on or off automatically after a specified period (1-24 hours).

Sleep Mode:

Activates a quiet operation mode with gradual temperature adjustments for comfortable sleep.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your unit.

1. Air Filter Cleaning:

- The air filter should be cleaned every two weeks or more frequently depending on usage.
- Unplug the unit.
- Remove the filter from the back of the unit.
- Wash the filter with warm, soapy water. Rinse thoroughly and allow to air dry completely before reinstalling.

2. Drainage:

The unit collects condensate during operation. It may have a self-evaporative system, but manual drainage may be required, especially in high humidity or when using Dry mode.

- When the internal water tank is full, the unit may stop operating and display an error code.
- Unplug the unit.
- Place a shallow pan under the drainage port.
- Remove the drain plug to allow water to flow out. Replace the plug securely after drainage.

3. Storage:

- Before storing, drain all condensate from the unit.
- Clean the air filter.
- Wrap the power cord.
- Store the unit in a cool, dry place, covered to protect from dust.

TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Unit does not turn on	No power; Power cord not plugged in; Circuit breaker tripped	Check power supply; Plug in cord; Reset breaker
Unit not cooling/heating effectively	Air filter dirty; Exhaust hose blocked/leaking; Room too large; Doors/windows open	Clean filter; Check hose connection; Ensure proper room size; Close doors/windows
Water leakage	Drain plug loose; Unit tilted; Internal water tank full	Secure drain plug; Place on level surface; Drain water
Noisy operation	Unit not on level surface; Obstruction in fan	Place on level surface; Check for obstructions (unplug first)

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

SPECIFICATIONS

Feature	Detail
Model Number	AKPD14HR4
Cooling/Heating Capacity	14,000 BTUs (1.1 Tons)
Power	110 Volts, Corded Electric
Electrical Rating	UL rated
Energy Efficiency Rating	8.9
Seasonal Energy Efficiency Ratio (SEER)	13
Refrigerant	R 410A
Heating Method	Convection, Radiant
Control Method	Remote
Product Dimensions (L x W x H)	18.4 x 15.6 x 30.1 inches
Item Weight	71 pounds
Color	White
Assembly Required	No
Batteries Required	No (for unit, remote may require)

WARRANTY AND SUPPORT

This Midea product is covered by a limited warranty. Please refer to the warranty card included with your purchase for specific terms and conditions. For technical assistance, troubleshooting not covered in this manual, or to inquire about warranty service, please contact Midea customer support. Contact information can typically be found on the Midea official website or on your product registration card.

When contacting support, please have your model number (AKPD14HR4) and purchase date available.

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

Anonymous

Email

you@example.com

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