

Arctic King AKTW10CR71E

Arctic King AKTW10CR71E Air Conditioner User Manual

Model: AKTW10CR71E

INTRODUCTION

Thank you for choosing the Arctic King AKTW10CR71E Air Conditioner. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new air conditioning unit. Please read these instructions thoroughly before installation and use, and retain them for future reference.

IMPORTANT SAFETY INFORMATION

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

- Ensure the power supply matches the voltage requirements (120 Volts).
- Do not operate the unit with a damaged power cord or plug.
- Do not insert fingers or objects into the air inlet/outlet.
- Always disconnect power before cleaning or servicing.
- This unit uses R 410A refrigerant. Servicing should only be performed by qualified personnel.

SETUP AND INSTALLATION

The Arctic King AKTW10CR71E is designed for easy installation due to its lightweight and compact design. It is a split system type, meaning it typically involves an indoor and outdoor unit connected by refrigerant lines.

1. Unpacking

Carefully remove the air conditioner from its packaging. Inspect the unit for any shipping damage. Retain the packaging materials for future transport or storage.

2. Choosing a Location

Select a location that can support the unit's weight (approximately 68.2 pounds) and allows for proper airflow. Ensure the area is within the recommended floor area coverage of 450 square feet for optimal cooling.

3. Installation Steps

Due to the nature of a split system, professional installation is recommended to ensure proper connection of refrigerant lines and electrical wiring. Refer to the detailed installation guide provided with your unit for specific instructions on mounting the indoor and outdoor units, connecting the refrigerant lines, and electrical connections.



Image: The Arctic King AKTW10CR71E Air Conditioner unit, illustrating its compact design.

4. Power Connection

Connect the unit to a dedicated 120 Volt, 60 Hz grounded electrical outlet. Do not use extension cords or adapter plugs. Ensure the electrical circuit can handle the 10000 BTU cooling power of the unit.

OPERATING INSTRUCTIONS

Your Arctic King AKTW10CR71E Air Conditioner is equipped with a remote control for convenient operation.

1. Remote Control Functions

The remote control allows you to adjust settings from a distance. Common functions include:

- **Power On/Off:** Turns the unit on or off.
- **Mode Selection:** Cycles through operating modes such as Cool, Fan, Dry, and Auto.
- **Temperature Adjustment:** Increases or decreases the desired room temperature.
- **Fan Speed:** Adjusts the fan speed (Low, Medium, High, Auto).
- **Timer:** Sets a time for the unit to turn on or off automatically.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep.

2. Setting the Temperature

Press the 'Temp Up' or 'Temp Down' buttons on the remote control to set your desired temperature. The unit will operate to maintain this temperature within the room.

3. Operating Modes

- **Cool Mode:** The unit cools the room to the set temperature.
- **Fan Mode:** The fan circulates air without cooling.
- **Dry Mode:** Reduces humidity in the room.
- **Auto Mode:** The unit automatically selects the operating mode (Cool, Fan, Dry) based on the room temperature and the set temperature.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner. Always disconnect power before performing any maintenance.

1. Air Filter Cleaning

The air filters should be cleaned every two weeks or more frequently depending on usage and air quality. Dirty filters reduce cooling efficiency and airflow.

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Wash the filters with lukewarm water and a mild detergent. Rinse thoroughly.
4. Allow the filters to air dry completely before reinstalling. Do not expose to direct sunlight.

2. Unit Cleaning

The galvanized steel chassis is designed for easy maintenance and cleaning.

- Wipe the exterior of the indoor and outdoor units with a soft, damp cloth.
- Do not use harsh chemicals, abrasives, or solvents.
- Ensure the drainage hose is clear and free of obstructions.

3. Seasonal Maintenance

Before the cooling season, check the outdoor unit for any debris (leaves, dirt) and clear them. Ensure the outdoor coil is clean for efficient heat exchange. Consider professional inspection annually.

TROUBLESHOOTING

Before contacting customer support, review the following common issues and solutions.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply Remote control batteries dead	Check power connection and circuit breaker Replace remote control batteries
Insufficient cooling	Dirty air filter Windows/doors open Temperature setting too high Outdoor unit obstructed	Clean air filter Close windows and doors Lower the set temperature Clear obstructions from outdoor unit
Unusual noise	Loose parts Unit not level	Check for loose components Ensure unit is installed on a level surface

Problem	Possible Cause	Solution
Water leakage	Clogged drain hose Improper installation	Clear drain hose Contact a qualified technician for inspection

SPECIFICATIONS

Model Name: AKTW10CR71E

Brand: Arctic King

Cooling Power: 10000 British Thermal Units (BTUs)

Capacity: 0.8 tons

Voltage: 120 Volts

Refrigerant: R 410A

Seasonal Energy Efficiency Ratio (SEER): 2.6

Item Weight: 68.2 Pounds

Floor Area Coverage: 450 Square Feet

Installation Type: Split System

Control Method: Remote Control

Special Feature: Lightweight design

UPC: 813084024462

GTIN: 00813084024462

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official Arctic King website. Keep your purchase receipt as proof of purchase for warranty claims.

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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