

Acekool Portable Air Conditioner

Acekool Portable Air Conditioner User Manual

Model: Portable Air Conditioner

1. IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before using this appliance and retain for future reference. Failure to follow these instructions may result in electric shock, fire, or personal injury.

- Ensure the power supply matches the voltage specified on the rating label.
- Do not operate the unit with a damaged cord or plug. If the supply cord is damaged, it must be replaced by the manufacturer or a qualified service agent.
- Do not block air outlets or inlets. Maintain at least 20 inches (50 cm) clearance from walls or other objects.
- Do not insert fingers or foreign objects into the air inlet or outlet.
- Always place the unit on a flat, stable surface.
- Unplug the unit before cleaning or servicing.
- 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.
- Do not use the unit in wet environments such as bathrooms or laundry rooms.

2. PRODUCT OVERVIEW

The Acekool Portable Air Conditioner is a 3-in-1 unit offering cooling, dehumidification, and fan modes. It is designed for efficient cooling in areas up to 750 sq. ft. The unit features a compact design with castor wheels for easy mobility and an intuitive LED touch panel with remote control.



Figure 2.1: Front view of the Acekool Portable Air Conditioner with its remote control.

SilenceWrap™ Technology Compressor



Shock Absorption



Noise <50dB



Figure 2.2: Internal view highlighting the SilenceWrap™ Technology Compressor for reduced noise levels (below 50dB).

3. SETUP AND INSTALLATION

The Acekool Portable Air Conditioner is designed for effortless installation and portability. It includes a complete window mount exhaust kit.

3.1 Included Components

- Portable Air Conditioner Unit
- Remote Control
- Window Slider Bracket
- Air Exhaust Hose
- Inlet and Outlet Hoses
- Locking Screws
- Drain Hose

Come Everything You Need



Figure 3.1: Unit dimensions (17.32"D x 13.19"W x 27.95"H) and a visual representation of the included accessories: remote control, slide bar, slide bar connector, exhaust hose, and exhaust pipe joint.



Figure 3.2: Detailed view of the exhaust hose, window slider bracket, and connectors.

3.2 Exhaust Hose Installation Steps

Follow these steps to properly install the exhaust hose and window kit:

1. Connect the exhaust hose to the unit's exhaust port.
2. Attach the window adapter to the other end of the exhaust hose.
3. Adjust the window slider bracket to fit your window opening (suitable for hanging and sliding windows 25" to 49" wide).
4. Secure the window slider bracket in the window.
5. Insert the window adapter into the opening of the window slider bracket.
6. Ensure all connections are secure to prevent air leakage.



Figure 3.3: Step-by-step visual instructions for connecting the exhaust hose to the unit and installing the window kit.

Once installed, plug in the power cord. The unit can be easily rolled to any room using its 4 castor wheels.

4. OPERATING INSTRUCTIONS

The Acekool Portable Air Conditioner features an LED touch panel and comes with a full-function remote control for convenient operation.

4.1 Control Panel and Remote Control

LED Touch Panel with Remote Control



Figure 4.1: Overview of the LED touch panel and remote control buttons, including ON/OFF, SWING, UP, DOWN, MODES, SLEEP, TIMER, and FAN.

4.2 Operating Modes

This unit offers three primary operating modes:

- **Cool Mode:** Provides powerful cooling with 14,000 BTU (ASHRAE) capacity. Adjustable temperature range from 64°F to 90°F.
- **Dehumidifier Mode:** Efficiently removes up to 90 pints of moisture per 24 hours. Features automatic condensate treatment and bucket-less, self-evaporating operation.
- **Fan Mode:** Circulates air with three adjustable fan speeds.

4.3 Special Features

- **Sleep Mode:** Operates quietly (50-54 dBA) and adjusts temperature automatically for comfortable sleep.



Figure 4.2: Temperature progression in Sleep Mode, showing gradual adjustments for optimal comfort.

- **24-Hour Timer:** Program the unit to turn on or off at specific times.
- **Auto Swing Function:** Automatically adjusts the up and down direction of airflow for even distribution.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your portable air conditioner.

5.1 Cleaning the Air Filter

The unit is equipped with a sliding-out washable filter. Regular cleaning helps prevent dust buildup and maintains efficiency.

1. Unplug the unit from the power outlet.
2. Slide out the air filter from its designated slot.
3. Rinse the filter under tap water until clean.
4. Allow the filter to air dry completely before reinserting it into the unit.

It is recommended to clean the filter every two weeks or more frequently depending on usage and air quality.

5.2 Cleaning the Unit Exterior

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

6. TROUBLESHOOTING

If you encounter issues with your Acekool Portable Air Conditioner, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Power cord not plugged in; Circuit breaker tripped.	Check power outlet; Ensure cord is securely plugged in; Reset circuit breaker.
Insufficient cooling	Air filter dirty; Exhaust hose blocked or disconnected; Room size too large; Doors/windows open.	Clean air filter; Check exhaust hose for blockages/proper connection; Ensure room is within specified area (up to 750 sq. ft.); Close all doors and windows.
Unit is noisy	Unit not on a flat surface; Obstruction in fan.	Place unit on a flat, stable surface; Check for and remove any obstructions.
Water leakage	Drain plug not properly sealed; Unit tilted.	Ensure drain plug is securely closed; Place unit on a level surface.

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

7. SPECIFICATIONS

Feature	Specification
Model Number	Portable Air Conditioner
Cooling Power	14,000 BTU (ASHRAE)
Coverage Area	Up to 750 sq. ft.
Functions	Cool, Dehumidify, Fan
Dehumidification Capacity	90 Pints/24 hours
Noise Level	51 dB
Voltage	115V
Refrigerant	R 410A
Product Dimensions (D x W x H)	17.32" x 13.19" x 27.95"
Item Weight	68.3 pounds
Window Type Compatibility	Hanging windows, Sliding windows
Window Size Compatibility	25" to 49"
Exhaust Hose Length	Extendable to 4.9 ft.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please contact Acekool customer service. Refer to your purchase documentation for specific warranty terms and contact details.

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