

AKIRES AK-OL-A016JE05N3

AKIRES 8000 BTU Portable Air Conditioner Instruction Manual

Model: AK-OL-A016JE05N3

1. INTRODUCTION

This manual provides essential information for the safe operation, installation, and maintenance of your AKIRES 8000 BTU Portable Air Conditioner. This unit is designed to provide cooling, fan, and dehumidification functions for indoor spaces up to 350 sq.ft. Please read this manual thoroughly before use and retain it for future reference.



Figure 1.1: AKIRES Portable Air Conditioner in a living room, highlighting its rapid cooling capabilities and coverage area.

2. SAFETY INFORMATION

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

- Ensure the power supply matches the voltage specified on the unit's rating label.
- Do not operate the unit with a damaged cord or plug.
- Keep the air intake and exhaust vents clear of obstructions.
- Do not insert objects into the air vents.
- 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.

3. PRODUCT OVERVIEW AND COMPONENTS

The AKIRES Portable Air Conditioner is a compact and versatile unit designed for ease of use and mobility. Key components include:

- **Control Panel:** Touch-sensitive interface for operating the unit.
- **Air Outlet:** Adjustable louvers for directing airflow.
- **Hidden Handles:** Integrated for easy lifting and transport.
- **360° Wheels:** Four heavy-duty wheels for effortless movement across various surfaces.
- **Removable Filter Screen:** For easy cleaning and maintenance.
- **Drainage Outlets:** Multiple options for water removal.



Figure 3.1: The portable air conditioner features 360° wheels and hidden handles for easy movement between rooms.

4. SETUP

Follow these steps to set up your portable air conditioner:

1. Window Kit Installation:

Assemble the window panel kit by putting screws into the holes in the plates, installing washers and screws (do not secure tightly yet). Insert another inner plate to the outer plate and tighten the screws. Adjust the length of the window panel to fit your window opening (suitable for vertical and horizontal sliding windows). Attach the window plates to your window and close to clamp it. Ensure the air conditioner is placed approximately 20 inches away from the window.

2. Exhaust Hose Connection:

Attach the exhaust hose to the adaptors of the AC unit. Then, attach the hose to the window plate. Ensure all connections are secure to prevent air leakage.



Figure 4.1: Step-by-step guide for installing the window kit and exhaust hose.



Figure 4.2: Examples of applicable window types for installation.

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Video 4.1: Official installation guide for the AKIRES Portable Air Conditioner, demonstrating the setup process.

5. OPERATING INSTRUCTIONS

Your AKIRES Portable Air Conditioner offers multiple operating modes and features for customized comfort.

5.1. Operating Modes

- **Cooling Mode:** Provides powerful cooling with a temperature range of 62°F to 86°F.
- **Dehumidifier Mode:** Reduces humidity levels in the room, with an effective range of 30%-80% humidity.
- **Fan Mode:** Circulates air without cooling, offering high and low-speed settings.



Figure 5.1: The 3-in-1 functionality of the portable air conditioner.

5.2. Controls

- **Control Panel:** Located on the top of the unit, featuring touch buttons for Power, Mode selection, Temperature Up/Down, Timer, Sleep Mode, and Child Lock.
- **Remote Control:** Allows convenient operation from a distance of up to 22.9 feet. All functions available on the control panel can be accessed via the remote.



Figure 5.2: Remote control and unit display for convenient operation.

5.3. Special Features

- **24-Hour Timer:** Program the unit to turn on or off automatically within a 24-hour period.
- **Sleep Mode:** Activates quiet operation and gradually adjusts the temperature for comfortable sleep. The unit operates at less than 50dB in this mode.
- **3 Wind Speeds:** Choose between low, mid, and high fan speeds to suit your preference.
- **Auto Swing Mode:** The internal louvers oscillate from 30° to 120° to distribute cool air evenly throughout the room.
- **Child Lock:** Prevents accidental changes to settings.



Figure 5.3: Features like 24-hour timer and sleep mode enhance comfort.



Figure 5.4: Auto Swing Mode distributes air across a 120° range.

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Video 5.1: Overview of the AKIRES Portable Air Conditioner's features and operation modes.

6. MAINTENANCE

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

6.1. Filter Cleaning

The removable filter screen should be cleaned regularly (e.g., every two weeks, depending on usage) to maintain air quality and cooling efficiency. To clean, simply slide out the filter, wash it with mild detergent and warm water, rinse thoroughly, and allow it to air dry completely before reinserting.

6.2. Drainage

The unit features a condensate evaporation system that automatically evaporates most of the water through the exhaust pipe during cooling mode. However, manual drainage may be required under certain conditions:

- **Middle Drainage:** Used primarily in Dehumidifier Mode. Connect a water hose to the middle drainage outlet to continuously drain water.

- **Bottom Drainage:** Used when the internal water tank is full, typically indicated by an 'F1' error code on the display during Cooling Mode. Place a shallow pan under the bottom drainage outlet and remove the drain plug to empty the tank.



Figure 6.1: Explanation of the two drainage types for the unit.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Power cord not plugged in; Fuse blown/Circuit breaker tripped.	Check power outlet; Ensure cord is securely plugged in; Reset circuit breaker or replace fuse.
Unit does not cool effectively	Air filter dirty; Room too large; Doors/windows open; Exhaust hose not properly installed or blocked.	Clean air filter; Ensure unit is suitable for room size; Close all doors/windows; Check exhaust hose for proper installation and obstructions.
Water leakage	Drain plug loose; Water tank full (F1 error).	Ensure drain plug is secure; Drain water from the bottom drainage outlet.
Unit is noisy	Unit not on a level surface; Air filter dirty.	Place unit on a flat, stable surface; Clean air filter.

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

8. SPECIFICATIONS

- **Brand:** AKIRES
- **Model Name:** AK-OL-A016JE05N3
- **Cooling Capacity:** 8000 BTU ASHRAE (5000 BTU SACC)
- **Coverage Area:** Up to 350 sq.ft
- **Product Dimensions (D x W x H):** 11.38" x 11.93" x 27.36"
- **Operating Modes:** Cool, Fan, Dehumidify
- **Temperature Range:** 62°F - 86°F

- **Humidity Range (Dehumidifier):** 30% - 80%
- **Timer:** 24-hour programmable
- **Noise Level:** <50dB (in Sleep Mode)
- **Control Type:** Remote Control, Touch Panel

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact AKIRES customer service. Please have your model number (AK-OL-A016JE05N3) and purchase date available when contacting support.

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