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› [Acekool 9000 BTU Split-System Air Conditioner User Manual](#)

Acekool 0gwKVDEXy23CNauNFFTdfhrth

Acekool 9000 BTU Split-System Air Conditioner User Manual

Model: **0gwKVDEXy23CNauNFFTdfhrth**

Brand: **Acekool**

1. PRODUCT OVERVIEW

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Acekool 9000 BTU Split-System Air Conditioner. This unit is designed to provide both heating and cooling for spaces up to 450 square feet, featuring advanced inverter technology and smart WiFi control.

Key Features:

- Cutting-Edge Compressor Technology:** Engineered for reliable performance in extreme temperatures, from 131°F (55°C) heat to -13°F (-25°C) cold.
- Remarkable Energy Efficiency:** 9,000 BTU capacity effectively cools up to 450 sq. ft. with an impressive 19 SEER2 rating, potentially reducing energy costs by up to 30%.
- Self-Cleaning and Auto-Defrost:** Features a self-cleaning function that activates at 134.6°F (57°C) for hygienic operation, and an auto-defrost feature for the outdoor unit to prevent ice buildup.
- Washable Filter:** Improves indoor air quality and simplifies maintenance.
- Whisper-Quiet Operation:** Operates at a low noise level of 43 dB, with a dedicated sleep mode for undisturbed rest.
- Smart WiFi Control:** Manage settings remotely using your smartphone for convenience and comfort.
- 4-in-1 Functionality:** Offers Cooling, Heating, Fan, and Dry (dehumidification) modes.



Figure 1.1: Overview of the Acekool Split-System Air Conditioner and its components.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before installing, operating, or performing maintenance on this appliance. Failure to follow these instructions may result in electric shock, fire, property damage, or personal injury.

- Ensure the unit is installed by a qualified professional in accordance with all local and national electrical and building codes.
- Always disconnect power to the unit before performing any maintenance or cleaning.
- Do not insert fingers or objects into the air inlet or outlet.
- Keep flammable materials away from the unit.
- Do not operate the unit with wet hands.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- 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. PACKAGE CONTENTS

Upon receiving your Acekool Split-System Air Conditioner, please verify that all components listed below are included in the packaging. The product is typically shipped in two separate boxes which may arrive on different days.

- 1 x Indoor Unit
- 1 x Outdoor Condenser
- 1 x Copper & Aluminum Connection Pipe
- 1 x Wall Mounting Bracket (for indoor unit)
- 1 x Drain Hose
- 1 x Communication Wires
- 1 x Remote Control
- 1 x User Guide (this manual)
- Additional installation accessories (e.g., insulation tape, sealant, fasteners)

4. INSTALLATION GUIDE

Installation of this split-system air conditioner requires specialized tools and knowledge. It is highly recommended that installation be performed by a certified HVAC technician to ensure proper function, safety, and compliance with warranty terms.

4.1 Pre-Installation Considerations:

- **Location:** Choose a location for the indoor unit that allows for optimal air distribution and easy access for maintenance. The outdoor unit should be placed on a stable, level surface with adequate clearance for airflow.
- **Electrical Requirements:** Ensure the electrical supply meets the unit's specifications (230V). A dedicated circuit is often required.
- **Drainage:** Plan for proper condensate drainage from the indoor unit.
- **Pipe Length:** The included copper pipe is 16.4 feet. Ensure the distance between indoor and outdoor units is within this limit.

4.2 Unit Dimensions:



Figure 4.1: Indoor and Outdoor Unit Dimensions. Indoor Unit: 31.92" (W) x 11.49" (H) x 8.07" (D). Outdoor Unit: 28.14" (W) x 19.61" (H) x 11.42" (D). Copper Wire: 16.4 FT.

4.3 Basic Installation Steps (Summary for Professional Reference):

1. Mount the indoor unit's wall plate securely.
2. Drill a hole through the wall for refrigerant pipes, drain hose, and communication wires.
3. Connect the refrigerant pipes, drain hose, and electrical wiring to the indoor unit.
4. Secure the indoor unit to the wall plate.
5. Place the outdoor unit on a stable base.
6. Connect the refrigerant pipes and electrical wiring between the indoor and outdoor units.
7. Evacuate the refrigerant lines using a vacuum pump.
8. Check for leaks.
9. Open the service valves to release refrigerant.
10. Insulate all connections and pipes.

5. OPERATING INSTRUCTIONS

Your Acekool Split-System Air Conditioner offers multiple modes and smart control options for optimal comfort.

5.1 Control Options:

- **Remote Control:** Use the included wireless remote for direct control of all functions. The remote features an LED digital display.
- **Smart WiFi Control:** Download the dedicated smartphone application to control your unit remotely from anywhere with an internet connection. This feature also supports smart voice control via compatible devices (e.g., Alexa).



Figure 5.1: Smart Control System via WiFi and Remote Control.

5.2 Operating Modes:

4 in 1 Split Air Conditioner



Figure 5.2: 4-in-1 Split Air Conditioner Modes.

- **Cooling Mode:** Reduces room temperature. Can cool down to 60.8°F (16°C). Ideal for hot climates, even up to 131°F (55°C) ambient temperature.
- **Heating Mode:** Increases room temperature. Can heat up to 89.6°F (32°C). Effective in cold climates, down to -13°F (-25°C) ambient temperature.
- **Fan Mode:** Circulates air without heating or cooling. Adjustable fan speeds (Low, Medium, High, Auto).
- **Dry (Dehumidification) Mode:** Removes excess moisture from the air. Capacity of 36 pints per day.

5.3 Special Functions:

- **Sleep Mode:** Adjusts temperature and fan speed automatically to maintain comfort and reduce noise during sleep.
- **Timer Function:** Set the unit to turn on or off automatically at specified times.

6. MAINTENANCE

Regular maintenance ensures optimal performance, energy efficiency, and longevity of your air conditioner. Always disconnect power before performing any maintenance.

6.1 Filter Cleaning:

The indoor unit is equipped with a washable filter that should be cleaned regularly (e.g., every 2-4 weeks, depending on usage and air quality).

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Clean the filters with a vacuum cleaner or wash them with lukewarm water and mild detergent.
4. Allow filters to dry completely before reinserting them.

Figure 6.1: Detachable and Easy-to-Clean Filter System.

6.2 Self-Cleaning Function:

The indoor unit features a self-cleaning function that helps maintain internal hygiene by activating at 134.6°F (57°C). Refer to your remote control or app instructions for how to initiate this cycle.

6.3 Outdoor Unit Auto-Defrost:

The outdoor unit is equipped with an auto-defrost feature that automatically melts ice buildup during heating operation in cold weather, ensuring efficient performance and preventing damage.

6.4 General Cleaning:

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

7. TROUBLESHOOTING

If you encounter issues with your air conditioner, refer to the following common problems and solutions. If the problem persists, contact a qualified service technician.

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; circuit breaker tripped; remote control batteries dead.	Check power connection; reset circuit breaker; replace remote control batteries.
Insufficient cooling/heating.	Dirty air filter; blocked outdoor unit; wrong mode selected; room too large.	Clean air filter; clear obstructions from outdoor unit; select correct mode; ensure unit capacity matches room size.
Unusual noise.	Loose parts; foreign object; unit not level.	Check for loose components; remove any foreign objects; ensure unit is installed on a level surface.
Water leakage from indoor unit.	Clogged drain hose; improper installation.	Clear drain hose; contact installer to check installation.
WiFi control not working.	No internet connection; app not configured correctly; unit not connected to WiFi.	Check router and internet connection; reconfigure app settings; ensure unit is properly connected to your home WiFi network.

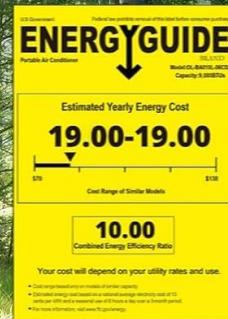
8. SPECIFICATIONS

Detailed technical specifications for the Acekool 9000 BTU Split-System Air Conditioner.

Attribute	Value
Brand	Acekool
Model Number	0gwKVDEXy23CNauNFFRdfhrth
Cooling Capacity	9000 BTU
Heating Capacity	(Equivalent to 9000 BTU cooling capacity)
Coverage Area	Up to 450 sq. ft.
SEER2 Rating	19
HSPF2 Rating	10
Voltage	230V
Noise Level (Indoor)	43 dB (Whisper-Quiet Operation)
Noise Level (Outdoor)	52 dB (Max)
Dehumidification Capacity	36 Pints/Day
Indoor Unit Dimensions (W x H x D)	31.92" x 11.49" x 8.07"
Outdoor Unit Dimensions (W x H x D)	28.14" x 19.61" x 11.42"
Item Weight	88.1 pounds (Total shipping weight)
Color	White
Installation Type	Split System
Refrigerant Type	(Not specified, typically R410A or R32 for pre-charged units)
Date First Available	January 2, 2025

Energy-efficient Inverter Split AC Unit

Higher Energy Efficiency
Lower Energy Cost
Eco Mode

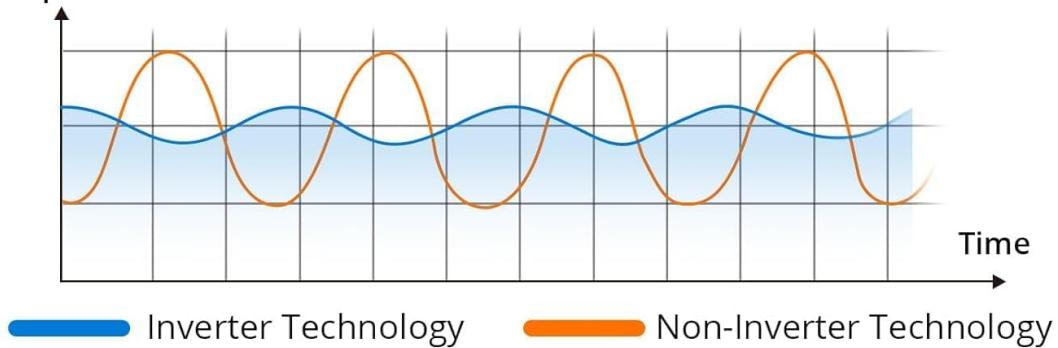


19 SEER2

10 HSPF2

Advanced Inverter Technology

Temperature



*SEER2 is an update version of SEER (Seasonal Energy Efficiency Rating) which better reflects real-time usage.

Figure 8.1: Energy Efficiency Ratings and Inverter Technology.

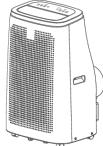
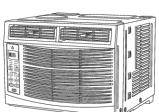
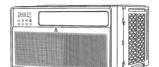
9. WARRANTY AND SUPPORT

Specific warranty details for the Acekool 9000 BTU Split-System Air Conditioner are not provided in the available product information. Please refer to the warranty card included with your product or contact Acekool customer support directly for detailed warranty terms and conditions.

For technical support, service inquiries, or to purchase replacement parts, please contact Acekool customer service through their official website or the contact information provided in your product packaging.

Online Resources:

- Visit the Acekool Store on Amazon: [Acekool Amazon Store](#)

 Portable Air Conditioner CF14 INSTRUCTION MANUAL <small>Thank you for purchasing Acekool Portable Air Conditioner. Before operating this unit, please read these instructions completely and keep the manual ready for future reference.</small>	<p>Acekool PAC-M01 Portable Air Conditioner: Instruction Manual</p> <p>This instruction manual provides detailed information on operating, installing, maintaining, and troubleshooting the Acekool PAC-M01 Portable Air Conditioner. Includes safety precautions, features, and control settings.</p>
 Window Air Conditioner CW1 USER MANUAL <small>Thank you for purchasing Acekool Window Air Conditioner. Before operating this unit, please read these instructions completely and keep the manual ready for future reference.</small>	<p>Acekool CW1 Window Air Conditioner User Manual</p> <p>User manual for the Acekool CW1 Window Air Conditioner, providing comprehensive guidance on safety, installation, operation, maintenance, and troubleshooting.</p>
 Window Air Conditioner CW4 USER MANUAL <small>Thank you for purchasing Acekool Window Air Conditioner. Before operating this unit, please read these instructions completely and keep the manual ready for future reference.</small>	<p>Acekool Window Air Conditioner CW4 User Manual</p> <p>User manual for the Acekool Window Air Conditioner CW4, providing comprehensive safety instructions, assembly guides, operating procedures, and troubleshooting tips for efficient and safe operation.</p>
 Window Air Conditioner WiFi Instruction Manual	<p>Acekool Smart Window Air Conditioner WIFI Instruction Manual</p> <p>This manual provides comprehensive instructions for setting up and operating the Acekool Smart Window Air Conditioner via WIFI and the SmartLife-SmartHome app. Learn about installation, app control, device management, and troubleshooting.</p>
 Window Air Conditioner CW3 USER MANUAL <small>Thank you for purchasing Acekool Window Air Conditioner. Before operating this unit, please read these instructions completely and keep the manual ready for future reference.</small>	<p>Acekool Window Air Conditioner CW3 User Manual - Installation, Operation, and Troubleshooting Guide</p> <p>Comprehensive user manual for the Acekool Window Air Conditioner CW3. Includes important safety instructions, electrical requirements, installation guide, operating procedures, care and cleaning tips, and troubleshooting solutions.</p>
 Window Air Conditioner CW2 USER MANUAL <small>Thank you for purchasing Acekool Window Air Conditioner. Before operating this unit, please read these instructions completely and keep the manual ready for future reference.</small>	<p>Acekool CW2 Window Air Conditioner User Manual</p> <p>Comprehensive user manual for the Acekool CW2 Window Air Conditioner, covering installation, operation, safety, and troubleshooting. Includes model TWC-08CRD1/L0U(ES) and important safety guidelines.</p>