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Acekool SEA6jPnnlJeD6umED0NwMAax

Acekool 9000 BTUs Mini Split AC/Heating System User Manual

Model: SEA6jPnnlJeD6umED0NwMAax

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Acekool 9000 BTUs Mini Split AC/Heating System. Please read this manual thoroughly before operating the unit to ensure safe and efficient use.



Figure 1: Overview of the Acekool Mini Split AC/Heating System, including indoor unit, outdoor unit, remote control, and installation accessories.

2. SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to the unit:

- Ensure the unit is installed by a qualified professional.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.
- Ensure the power supply matches the unit's specifications (230V).
- Keep the area around the outdoor unit clear of obstructions.
- Do not insert objects into the air inlet or outlet.
- Unplug the unit before cleaning or performing maintenance.

3. PACKAGE CONTENTS

The Acekool 9000 BTUs Mini Split AC/Heating System includes the following components:

- Indoor Unit
- Outdoor Unit
- 16.4 ft (approximately 5 meters) Copper Tubing Set
- Communication Cables
- Drain Hose Extension
- Remote Control
- Installation Kit (various accessories)

You will receive 2 Boxes & may be delivered on different days



Figure 2: Illustration of all components included in the two-box delivery for the Acekool Mini Split System.

4. SETUP AND INSTALLATION

Note: Professional installation is highly recommended for this mini split air conditioning system to ensure proper function and safety.

4.1 Pre-Installation Checks

- Verify the power supply (230V) is available at the installation site.
- Ensure adequate space for both indoor and outdoor units, allowing for proper airflow and maintenance access.
- Confirm the cooling capacity (9000 BTUs) is suitable for the room size (up to 450 sq. ft.).



Figure 3: Dimensions of the indoor and outdoor units, and the 16.4 ft copper wire length.

4.2 Installation Steps (Overview)

1. Mount the indoor unit securely on the wall, ensuring proper drainage.
2. Install the outdoor unit on a stable, level surface, away from direct sunlight and obstructions.
3. Connect the copper tubing and communication cables between the indoor and outdoor units.
4. Ensure proper vacuuming and refrigerant charging (unit comes pre-charged).
5. Connect the electrical wiring according to local codes and the wiring diagram.
6. Test the system for leaks and proper operation.

5. OPERATING MODES AND FEATURES

Your Acekool Mini Split system offers multiple operating modes and smart features for optimal comfort and energy efficiency.

5.1 Operating Modes

- **Cooling Mode:** Provides efficient cooling, adjustable to desired temperature.
- **Heating Mode:** Utilizes a built-in heat pump for effective heating, even in colder conditions.
- **Fan-Only Mode:** Circulates air without heating or cooling. Fan speed can be adjusted (low, mid, high).
- **Dehumidification (DRY) Mode:** Reduces humidity in the room, removing up to 46 Pints/Day.
- **Auto Mode:** Automatically selects cooling or heating based on the set temperature and ambient room temperature.
- **ECO Mode:** Optimizes energy consumption for maximum efficiency.



Figure 4: The system provides both cooling and heating capabilities, indicated by blue for cooling and orange for heating.



Figure 5: Visual representation of the four primary operating modes: Cool, Dry, Fan, and Heat.

5.2 Smart Features and Control

- **Remote Control:** Easily adjust settings, modes, and fan speed using the included smart remote control.
- **WIFI Connectivity:** Connect the unit to your home Wi-Fi network for remote control via a companion app.
- **Smart Voice Control (Alexa Compatible):** Seamlessly integrate with Alexa for voice commands to manage temperature and settings from anywhere.
- **Timer Function:** Program the unit to power on/off automatically with a 0.5-24 hour timer.
- **Ultra-Quiet Operation:** Designed for low noise levels (41 dB), ensuring undisturbed sleep.
- **Screen Off Function:** The display automatically turns off when not in use to prevent light disturbance.
- **Swing Function:** Adjusts airflow direction to avoid direct blowing and ensure even distribution.

Smart Control System

WiFi Control & Smart Voice Control



Remote control available
with network



Figure 6: The system supports WiFi control via a smartphone app and smart voice control through Alexa.



Figure 7: The unit operates at an ultra-quiet 41dB, suitable for bedrooms, with a timing function from 0.5 to 24 hours.



Figure 8: Inverter Technology and ECO Mode provide energy-efficient operation, reducing energy costs compared to non-inverter systems.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your mini split system.

6.1 Filter Cleaning

The unit features a detachable and easy-to-clean filter system. Clean filters regularly (e.g., every 2-4 weeks, depending on usage) to maintain air quality and efficiency.

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



Figure 9: The system includes a distributed healthy filter system with detachable and easy-to-clean filters for improved air quality.

6.2 Outdoor Unit Maintenance

- Keep the area around the outdoor unit free of debris, leaves, and other obstructions.
- Periodically clean the outdoor coil with a soft brush or vacuum to remove dirt and dust.
- Ensure the drain hose is not blocked and allows for proper water drainage.

7. TROUBLESHOOTING

Refer to the following table for common issues and their solutions. If the problem persists, contact qualified service personnel.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Remote control batteries dead	Check circuit breaker; Replace remote control batteries
Insufficient cooling/heating	Dirty air filters; Obstruction at air inlet/outlet; Incorrect mode selected; Room size too large	Clean air filters; Remove obstructions; Select appropriate mode; Verify unit capacity matches room size
Unusual noise	Loose parts; Obstruction in fan; Unit not level	Check for loose components; Remove obstructions; Ensure unit is level
Water leakage	Blocked drain hose; Improper installation	Clear drain hose; Contact professional installer

8. SPECIFICATIONS

Feature	Specification
Brand	Acecool
Model Number	SEA6jPnnlJeD6umED0NwMAax
Cooling Capacity	9000 BTUs
Heating Capacity	Heat Pump Functionality
SEER2 Rating	19 SEER2
Power Supply	230 Volts
Coverage Area	Up to 450 Sq. Ft.
Noise Level	41 dB
Item Weight	60.1 pounds
Product Dimensions	32.8 x 13.55 x 24.02 inches
Special Features	Heating & Cooling Function, WiFi Enabled
Included Components	Installation Kit

19 SEER2 Mini Split Air Conditioner

Cooling & Heating

How to Choose

Square Feet	Capacity
Up to 450 sq.ft	9000 BTU
Up to 750 sq.ft	12000 BTU
Up to 1250 sq.ft	18000 BTU
Up to 1500 sq.ft	24000 BTU
Up to 2000 sq.ft	36000 BTU

Figure 10: Guide for choosing the appropriate BTU capacity based on the square footage of the area to be cooled/heated.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or contact Acecool customer service. Professional installation is recommended to ensure warranty validity. For further assistance, visit the official Acecool website or contact their customer support line.

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

Answered questions about this manual

My Acekool 9000 BTU Mini Split has quit working and won't turn on at all. The remote batteries are fine, but the outside portion was making a humming noise before it stopped. How do I fix this?

Based on the Acekool Mini Split manual and the symptoms described (humming noise followed by total power failure), here are the recommended steps to troubleshoot the unit: Check the Circuit Breaker: The manual identifies...

[Read full answer](#)

My Acekool 9000 BTU Mini Split has quit working and won't turn on at all. The remote batteries are fine, but the outside portion was making a humming noise before it stopped. How do I fix this?

Based on the Acekool Mini Split manual and the symptoms described, here are the recommended steps to troubleshoot a unit that will not turn on: Check the Circuit Breaker: The manual identifies "No power..."

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