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- › [Acekool](#) /
- › [Acekool 9,000 BTU Mini Split Air Conditioner & Heater User Manual \(Model 19S9K115Vt6S\)](#)

Acekool 19S9K115Vt6S

Acekool 9,000 BTU Mini Split Air Conditioner & Heater

Model: 19S9K115Vt6S

1. INTRODUCTION AND OVERVIEW

This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your Acekool 9,000 BTU Mini Split Air Conditioner and Heater. This high-performance system is designed to provide both cooling and heating for spaces up to 400 sq. ft., featuring advanced inverter technology, R454B refrigerant, and smart control capabilities.



Image 1.1: The Acekool mini split system, including indoor unit, outdoor condenser, remote control, smartphone app interface, copper line set, communication cable, and various installation accessories.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before installation and operation to prevent injury or damage. Keep this manual for future reference.

- **Professional Installation Recommended:** This is not a DIY mini split system. Professional installation by a qualified HVAC technician is strongly recommended to ensure proper setup, refrigerant handling, and electrical connections.
- **Electrical Safety:** Ensure the unit is connected to a dedicated 115V power supply with appropriate circuit protection. Do not operate with damaged cords or plugs.
- **Refrigerant Handling:** The system uses R454B refrigerant. Handling of refrigerants should only be performed by certified professionals.
- **Clearances:** Maintain adequate clearances around both indoor and outdoor units for proper airflow and maintenance.
- **Upright Position:** Keep the outdoor unit upright for at least 24 hours before installation to allow compressor oil to settle.
- **Children and Pets:** Keep children and pets away from the unit during operation and maintenance.

3. PACKAGE CONTENTS

Verify that all components are present upon delivery. The package typically includes:

- Indoor Unit (Evaporator)
- Outdoor Unit (Condenser)
- Copper Line Set (Pre-charged)
- Communication Cable
- Remote Control
- Drain Extension
- Installation Accessories (e.g., mounting plate, insulation tape, fasteners)



Image 3.1: This diagram illustrates that the Acekool mini split system components are shipped in two separate boxes, which may arrive on different days. Box 1 contains the outdoor unit and line set, while Box 2 contains the indoor unit, remote, and other accessories.

4. SETUP AND INSTALLATION

Due to the complexity involving refrigerant lines, electrical wiring, and vacuuming the lines, professional installation is highly recommended for this Acekool mini split system. Improper installation can lead to refrigerant leaks, electrical hazards, and reduced system performance or damage.

Key Installation Considerations:

- **Location:** Select appropriate locations for both indoor and outdoor units, ensuring proper airflow, drainage, and accessibility for maintenance.
- **Mounting:** Securely mount the indoor unit to a wall and the outdoor unit on a stable, level surface or wall bracket.
- **Line Set Connection:** Connect the pre-charged copper line set between the indoor and outdoor units. Ensure all connections are tight and leak-free.
- **Electrical Wiring:** Connect the communication cable and power wiring according to local electrical codes and the wiring diagram provided in the full installation manual.
- **Vacuuming:** A vacuum pump must be used to evacuate air and moisture from the refrigerant lines before opening the service valves. This is critical for system longevity and efficiency.
- **Drainage:** Ensure the condensate drain line is properly installed with a downward slope to allow for continuous drainage.

5. OPERATING INSTRUCTIONS

Your Acekool mini split system offers multiple modes and smart controls for personalized comfort.

Operating Modes:

- **Cooling Mode:** Provides efficient cooling, adjustable within a temperature range of 61°F–88°F.
- **Heating Mode:** Utilizes a built-in heat pump for effective heating, adjustable within a temperature range of 61°F–88°F.
- **Fan Mode:** Circulates air without cooling or heating. Offers four fan speeds.
- **Dry Mode (Dehumidification):** Reduces humidity in the air, with a capacity of up to 36 Pints per day.
- **Auto Mode:** Automatically selects the appropriate operating mode (cooling, heating, or fan) based on the ambient room temperature and your set temperature.



Image 5.1: The Acekool mini split system provides both cooling (blue air flow) and heating (orange air flow) from its built-in heat pump.



Image 5.2: This graphic details the versatile operating modes of the unit: Cool (down to 60°F), Dry (up to 36 Pints/Day dehumidification), Fan (low, mid, high speeds), and Heat (up to 90°F).

Special Features:

- **Sleep Mode:** Adjusts temperature and fan speed for quiet, comfortable sleep, with noise levels as low as 28 dB.
- **ECO Mode:** Optimizes energy consumption for increased savings.
- **I FEEL (Follow Me) Mode:** The remote control acts as a thermostat, sensing the temperature at its location and adjusting the unit's operation to maintain comfort around you.
- **Timer:** Program the unit to turn on or off automatically within a 0.5 to 24-hour period.



Image 5.3: The ultra-quiet operation of the Acekool mini split, with noise levels as low as 28 dB in Quiet mode, promotes a comfortable sleeping environment.

Smart Control:

Control your Acekool mini split using the included remote control, a smartphone application, or voice commands.

- **Remote Control:** The primary method for adjusting settings directly.
- **Smartphone App:** Download the dedicated Acekool app to control the unit remotely via WiFi. This allows you to manage settings from anywhere.
- **Voice Control:** The system integrates with smart home platforms like Amazon Alexa for convenient voice-activated control.

Smart Control System

WiFi Control & Smart Voice Control



Image 5.4: Smart control features include WiFi connectivity for smartphone app control and integration with voice assistants like Amazon Alexa.



Image 5.5: The smartphone application interface for controlling the Acekool mini split system remotely, allowing users to manage settings from anywhere.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Acekool mini split system.

Indoor Unit Maintenance:

- **Filter Cleaning:** The indoor unit features a Distributed Healthy Filter System. Regularly clean or replace the air filters to maintain air quality and system efficiency. Refer to the full manual for specific filter types and cleaning intervals.
- **Exterior Cleaning:** Wipe the exterior of the indoor unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.



Image 6.1: The multi-stage filtration system, including a top-opened filter and various healthy filters (Silver Ion, Active Carbon, Catechin, Photocatalyst, Anti-dust static, Vitamin C) designed to improve indoor air quality.

Outdoor Unit Maintenance:

- **Coil Cleaning:** Keep the outdoor coil free of dirt, leaves, and other debris. Use a soft brush or vacuum cleaner.
- **Base Pan Heater:** The outdoor unit includes a base pan heater with intelligent thermostatic control to prevent ice buildup during cold weather operation. Ensure it is functioning correctly.
- **Clearance:** Ensure the area around the outdoor unit remains clear of obstructions for optimal airflow.

7. TROUBLESHOOTING

If you encounter issues with your Acekool mini split system, refer to the following general troubleshooting steps. For complex problems, contact professional support.

- **No Power:** Check the circuit breaker and ensure the unit is properly plugged in. Verify the remote control batteries.
- **Unit Not Cooling/Heating:** Ensure the correct mode is selected and the temperature setting is appropriate. Check for blocked air filters or outdoor unit obstructions.
- **Remote Control Not Working:** Replace batteries. Ensure there are no obstructions between the remote and the indoor unit's receiver.

- **App Connectivity Issues:** Verify your WiFi connection and ensure the unit is properly paired with the app. Restart your router and the unit if necessary.
- **Unusual Noises:** Minor operational noises are normal. If you hear loud or unusual sounds, power off the unit and contact a technician.

8. SPECIFICATIONS

| Feature | Specification |
|---------------------------|---|
| Model Number | 19S9K115Vt6S |
| Cooling Capacity | 9,000 BTU |
| Heating Capacity | 9,000 BTU (Heat Pump) |
| SEER2 Rating | 19 |
| Refrigerant Type | R454B |
| Coverage Area | Up to 400 sq. ft. |
| Voltage | 115 Volts |
| Noise Level (Quiet Mode) | As low as 28 dB |
| Temperature Range | 61°F–88°F |
| Dehumidification Capacity | 36 Pints/Day |
| Product Dimensions | 34.84 x 27.6 x 32.99 inches |
| Item Weight | 63.5 pounds |
| Special Features | Inverter Technology, WiFi Control, Voice Control, Base Pan Heater |

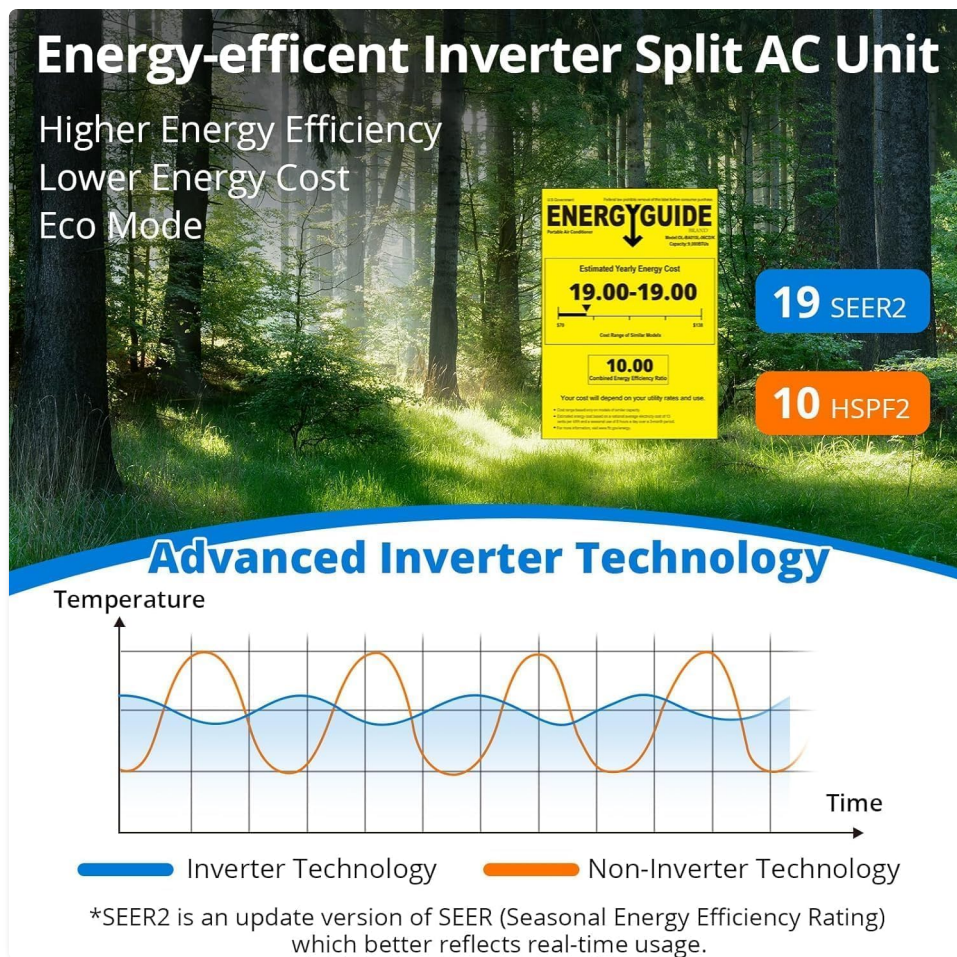


Image 8.1: This image details the energy efficiency of the unit, featuring a 19 SEER2 rating and advanced inverter technology that adjusts compressor speed for optimal performance and energy savings.

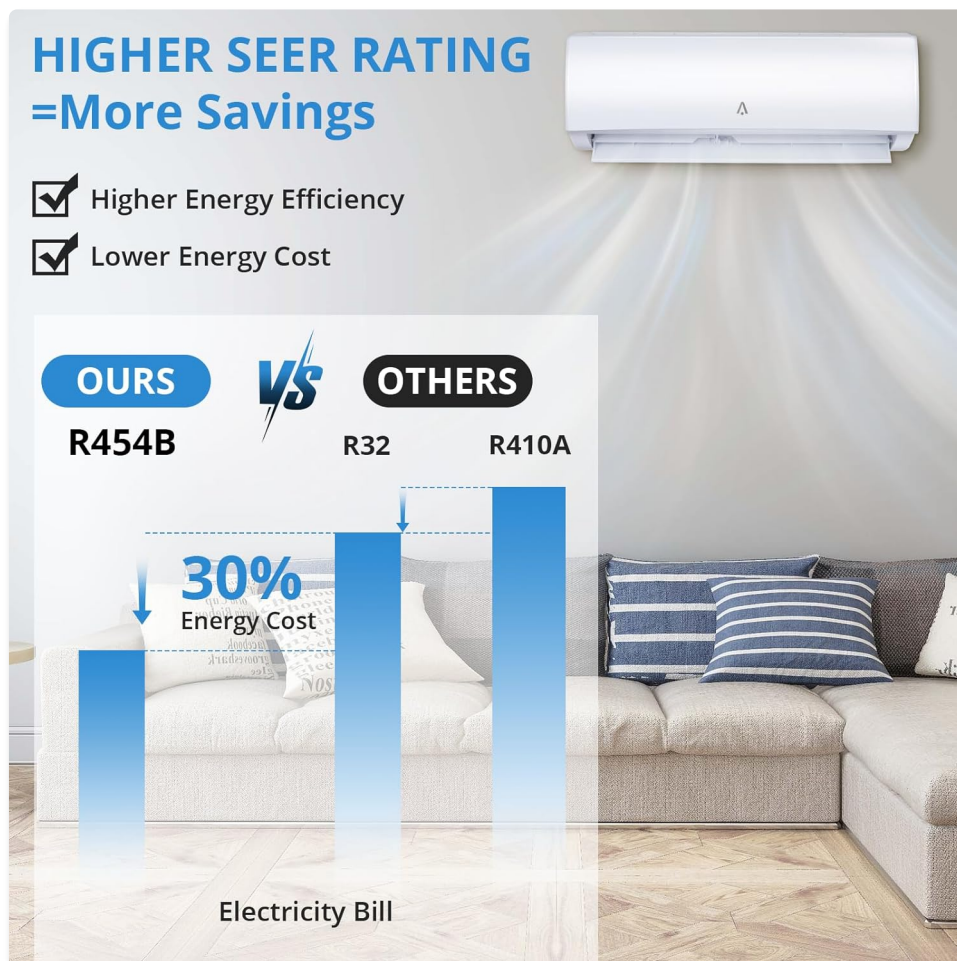


Image 8.2: This graphic explains that the higher SEER2 rating and use of R454B refrigerant contribute to significant energy savings, potentially reducing electricity bills by up to 30% compared to older refrigerants.

9. WARRANTY AND SUPPORT

Acecool is committed to providing reliable products and customer satisfaction.

Warranty Information:

- **Manufacturer's Warranty:** The product is covered by a 30-day manufacturer's warranty. Please refer to the warranty card included with your product for full terms and conditions.

Customer Support:

- **Email Support:** Receive email support within 12 hours for any inquiries or technical assistance.
- **Return Policy:** Enjoy a 30-day return policy.
- **Maintenance & Technology Support:** Benefit from 12 months of free maintenance and technology support.

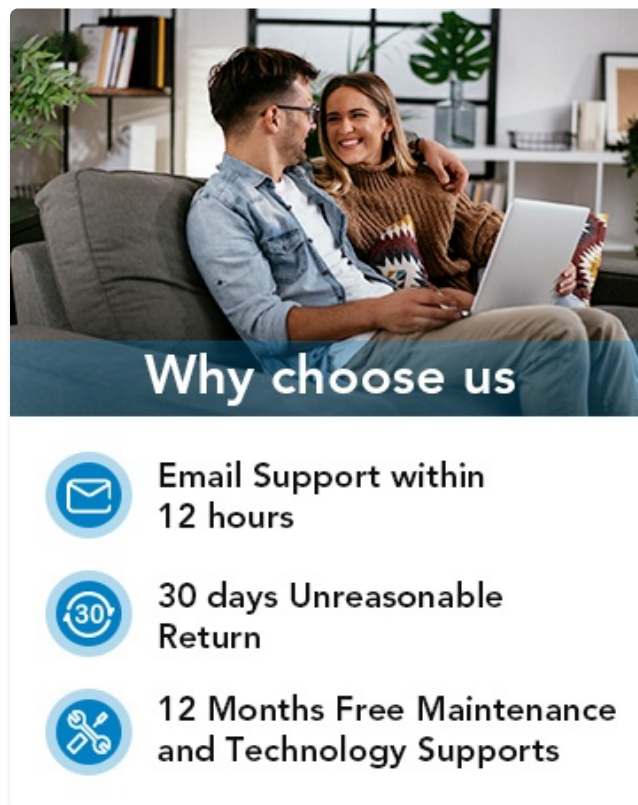
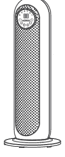
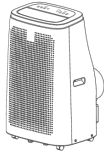

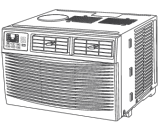

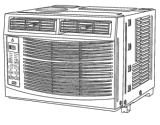




Image 9.1: This graphic outlines the customer support services provided, including prompt email responses, a 30-day return policy, and 12 months of free maintenance and technical support.

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| <p>Window Air Conditioner WIFI Instruction Manual</p> | <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> |
| <p>ACEKOOL Space Heater HF1 INSTRUCTION MANUAL</p>  <p>Thanks for your order. Please read the user manual thoroughly before using the product and keep this user manual for your future reference.</p> | <p>ACEKOOL HF1 Space Heater Instruction Manual</p> <p>Comprehensive instruction manual for the ACEKOOL HF1 Space Heater, covering safety guidelines, specifications, operation, maintenance, and troubleshooting for safe and efficient use.</p> |
| <p>Portable Air Conditioner CF14 INSTRUCTION MANUAL</p>  <p>Thank you for purchasing Acekool Portable Air Conditioner. Before operating this unit, please read these instructions carefully and keep this manual handy for future reference.</p> | <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> |
| <p> Window Air Conditioner CW3 USER MANUAL</p>  <p>Thank you for purchasing Acekool Window Air Conditioner. Before operating this unit, please read these instructions carefully and keep this manual handy for future reference.</p> | <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> |
| <p> Window Air Conditioner CW1 USER MANUAL</p>  <p>Thank you for purchasing Acekool Window Air Conditioner. Before operating this unit, please read these instructions carefully and keep this manual handy for future reference.</p> | <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> |
| <p> Window Air Conditioner CW2 USER MANUAL</p>  <p>Thank you for purchasing Acekool Window Air Conditioner. Before operating this unit, please read these instructions carefully and keep this manual handy for future reference.</p> | <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> |