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**ACiQ ACiQ-K09W-W-HP115B / ACiQ-K09Z-HP115B**

# ACiQ 19 SEER2 Essentials Mini Split AC/Heating System User Manual

Brand: ACiQ | Model: ACiQ-K09W-W-HP115B / ACiQ-K09Z-HP115B

## PRODUCT OVERVIEW

The ACiQ 19 SEER2 Essentials Mini Split AC/Heating System is a highly efficient, ductless solution designed for year-round comfort. This system provides both cooling and heating capabilities, making it suitable for various spaces such as bedrooms, offices, attics, sheds, or small garages.



Image: The complete ACiQ 19 SEER2 Essentials Mini Split AC/Heating System, showing the indoor unit, outdoor condenser, remote control, and installation kit components.

Key features include a 19 SEER2 efficiency rating for energy savings, a wide operating temperature range for both cooling and heating, and built-in WiFi for smart control via a mobile application. The system is designed for quiet operation and comes with an installation kit.

## WHAT'S INCLUDED

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Your ACiQ Essentials Mini Split system package includes all necessary components for installation and operation:

- Indoor Unit
- Outdoor Unit
- Remote Control
- 16ft Line Set
- Wall Cap

- Drain Lines
- Power Cords
- Mounting Hardware
- AAA Batteries (for remote)
- User Manual



## What's Included?

- |                      |                     |
|----------------------|---------------------|
| 1) Air Handler       | 9) Condenser        |
| 2) Drain Elbow       | 10) Mounting Plate  |
| 3) Rubber Feet       | 11) Remote Control  |
| 4) Line Set (16feet) | 12) 2 AAA Batteries |
| 5) Remote Mount      | 13) Power Cable     |
| 6) Plastic Wrap      | 14) Screws          |
| 7) Plasticene        | 15) Screw Anchors   |
| 8) Wall Cap          | 16) Drain Line      |

Image: A visual representation of all components included in the ACiQ Mini Split system package, clearly labeled for identification.

## SETUP AND INSTALLATION

The ACiQ Mini Split system is designed for efficient climate control. Please note that this is **NOT** a DIY mini split AC system and requires professional installation. The inverter compressor comes pre-charged with enough refrigerant for up to a 25ft length of line set. A professional is required to vacuum the lines before operation.

### Installation Considerations:



- **Professional Installation:** Ensure installation is performed by a certified HVAC technician.
- **Line Set Vacuum:** The refrigerant lines must be properly evacuated (vacuumed) by a professional to remove air and moisture before releasing refrigerant.
- **Mounting:** The indoor unit is designed for ductless wall-mounting. The outdoor unit should be placed on a stable, level surface.
- **Electrical Requirements:** This 9,000 BTU unit operates on 115V. Ensure appropriate electrical supply is available.



Image: The outdoor unit of the ACiQ Mini Split system shown in a snowy environment, highlighting its heating capability down to -4°F and cooling up to 122°F.

Your browser does not support the video tag.

Video: An overview of the ACiQ Essentials Mini Split system, demonstrating its features and ease of use. This video highlights the system's simplicity, affordability, and year-round comfort capabilities.

## OPERATING INSTRUCTIONS

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The ACiQ Mini Split system offers flexible control options for optimal comfort.

### Remote Control Operation:

Use the included remote control to adjust settings. The remote features various modes for enhanced comfort and energy efficiency:

- **I Feel Mode:** Adjusts temperature based on the remote's sensor for localized comfort.
- **Sleep Mode:** Optimizes temperature and fan speed for comfortable sleep and energy savings.
- **Eco Mode:** Reduces energy consumption while maintaining comfort.
- **Mute Mode:** Silences operational beeps and sounds.
- **Timers:** Schedule on/off times for automated operation.
- **Turbo Mode:** Provides rapid cooling or heating for quick temperature changes.

## Remote Features



**I Feel  
Mode**



**Sleep  
Mode**



**Eco  
Mode**



**Mute  
Mode**



**Timers**



**Turbo  
Mode**

Image: Icons representing the various operational modes and features available on the ACiQ Mini Split remote control, including I Feel, Sleep, Eco, Mute, Timers, and Turbo modes.



## WiFi Control (Smart Device):

The ACiQ system is WiFi-enabled, allowing you to control it from anywhere using your smart device (iOS or Android). The compatible app integrates with Amazon Alexa, Google Assistant, and IFTTT for smart home flexibility.

- Download the recommended smart home application (e.g., Tuya Smart app).
- Follow the in-app instructions to connect your ACiQ unit to your home WiFi network.
- Once connected, you can adjust temperature, change modes, set schedules, and monitor your unit remotely.



Image: A person comfortably operating the ACiQ Mini Split system using a smartphone application, demonstrating the convenience of WiFi control from anywhere.

## MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your ACiQ Mini Split system. It is recommended to consult your professional installer or a qualified HVAC technician for detailed maintenance procedures.

General Maintenance Tips:

- **Filter Cleaning:** Regularly clean or replace the air filters in the indoor unit to maintain air quality and system efficiency. Refer to the full user manual for frequency.
- **Outdoor Unit Cleaning:** Keep the outdoor condenser unit free from debris, leaves, and obstructions to ensure proper airflow.
- **Drain Line Check:** Periodically check the drain lines for blockages to prevent water overflow.
- **Professional Servicing:** Schedule annual professional servicing to check refrigerant levels, electrical connections, and overall system health.

TROUBLESHOOTING

If you encounter issues with your ACiQ Mini Split system, consider the following common troubleshooting steps. For complex problems, contact a qualified HVAC technician.

Common Issues and Solutions:

Problem	Possible Cause	Solution
Unit not turning on	No power, remote batteries dead, circuit breaker tripped.	Check power supply, replace remote batteries, reset circuit breaker.
Insufficient cooling/heating	Dirty air filters, blocked outdoor unit, low refrigerant.	Clean/replace filters, clear obstructions from outdoor unit, contact technician for refrigerant check.
Unusual noise	Loose parts, fan obstruction, compressor issue.	Inspect for loose parts or obstructions. If persistent, contact technician.
Water leakage from indoor unit	Clogged drain line, improper installation.	Check and clear drain line. If issue persists, contact professional installer.
WiFi connectivity issues	Weak WiFi signal, incorrect app setup.	Ensure strong WiFi signal. Re-follow app setup instructions.

Always refer to the complete user manual for a comprehensive troubleshooting guide.

SPECIFICATIONS

Detailed technical specifications for the ACiQ 19 SEER2 Essentials 9000 BTU Mini Split AC/Heating System:

- Model Info:** ACiQ-K09W-W-HP115B / ACiQ-K09Z-HP115B
- Cooling Power:** 9000 British Thermal Units (BTU)
- Seasonal Energy Efficiency Ratio (SEER):** 19 SEER2
- Electrical:** 115 Volts, 60Hz, 1 Phase
- Wattage:** 1840 watts
- Refrigerant:** R454B
- Noise Level (Indoor Unit):** As low as 28 dB
- Operating Cooling Range:** 5°F to 122°F outdoor temperatures
- Operating Heating Range:** -4°F to 86°F outdoor temperatures
- Estimated Coverage Area:** 250-400 sq. ft.

**Product Dimensions (Indoor Unit):** 11.49"D x 31.92"W x 7.99"H

**Installation Type:** Ductless Wall-Mounted

**Special Features:** Built-in WiFi, Ultra-quiet operation, Full install kit, Heats in -4°F temps, White color.

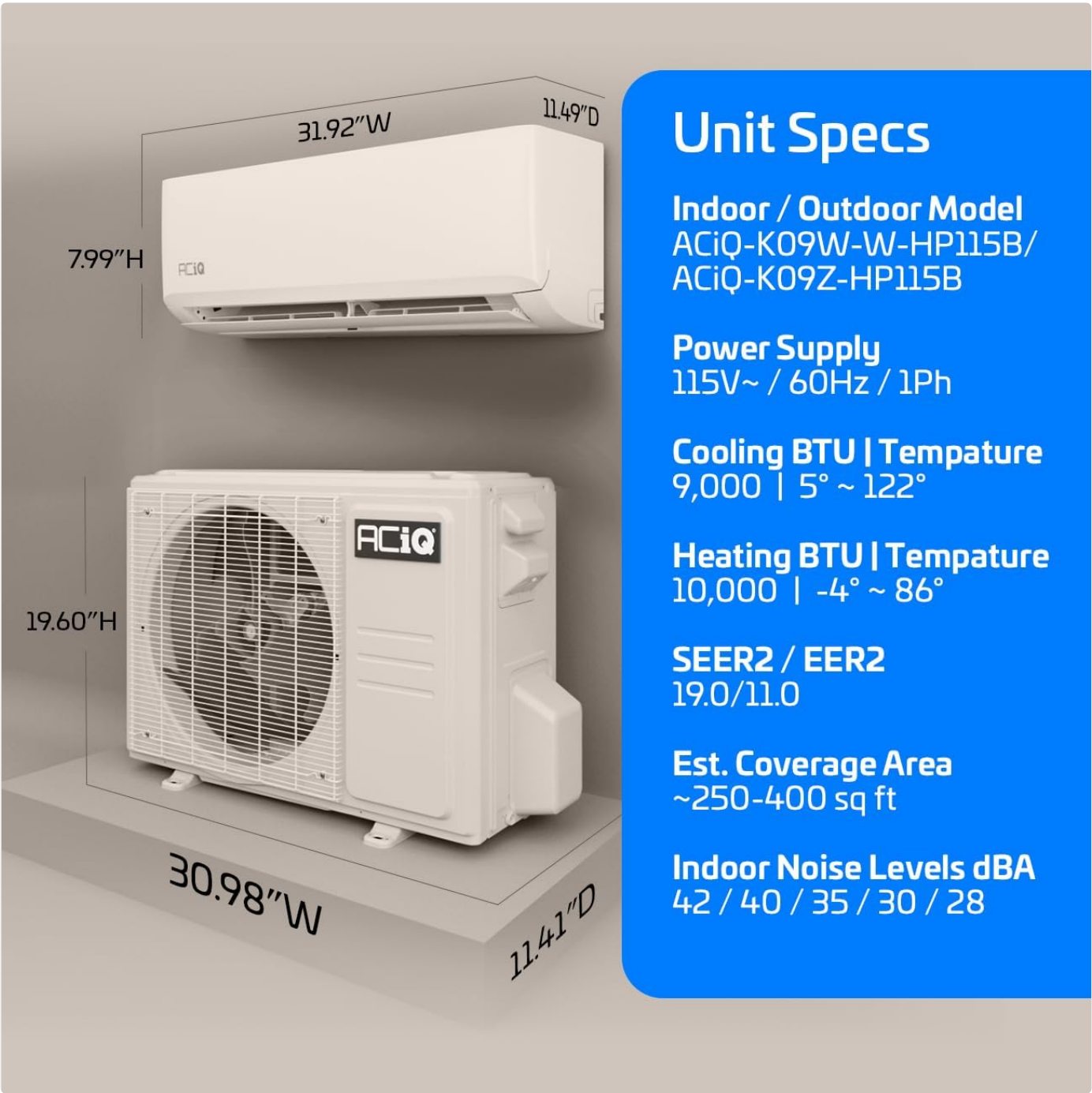


Image: A diagram illustrating the dimensions of both the indoor and outdoor units, along with a summary of key specifications such as power supply, BTU, SEER2, coverage area, and noise levels.



# Unit Sizes

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**250-400**<sub>SQFT</sub>  
Workshop



**400-600**<sub>SQFT</sub>  
Garage



**600-1000**<sub>SQFT</sub>  
Apartment



**1000-1500**<sub>SQFT</sub>  
Bedroom



**1500-2000**<sub>SQFT</sub>  
Living Room

Image: A graphic showing different BTU sizes for ACiQ units and their corresponding recommended coverage areas, from 9K BTU for workshops to 36K BTU for living rooms.



# Indoor Sound — Whisper Quiet Operation As low as **28 dBA**

Image: An indoor unit of the ACiQ Mini Split system with an overlay indicating its whisper-quiet operation, as low as 28 dBA.

## WARRANTY AND SUPPORT

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The ACiQ Mini Split system is backed by a comprehensive warranty to ensure your peace of mind:

- **4-Year Parts Warranty:** Covers replacement parts for four years from the date of purchase.
- **6-Year Compressor Warranty:** Covers the compressor for six years from the date of purchase.

To activate and validate your warranty, the system must be registered online with the manufacturer at no extra charge. Please visit the official ACiQ website for warranty registration and further support information.

# Warranty

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## 6-Year Compressor & 4-Year Parts Warranty\*

Best in Class  
Customer Service

**ACiQ<sup>®</sup>**

\*With Online Registration at [ACiQ.com](https://www.ACiQ.com)



Image: A graphic detailing the 6-year compressor and 4-year parts warranty, emphasizing best-in-class customer service and the requirement for online registration.

For technical assistance, service requests, or additional inquiries, please contact ACiQ customer support through their official channels.

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**Related Documents - ACiQ-K09W-W-HP115B / ACiQ-K09Z-HP115B**





## ACiQ 9K-24K Standard Heat Single-Zone Systems: Installation &amp; Owner's Manual

ACiQ 9K-24K Standard Heat Single-Zone Systems Installation & Owner's Manual. This guide details installation, operation, safety, and maintenance for ACiQ air conditioners, including model specifics and R454B refrigerant information.



# ACiQ Essentials Mini-Split Air Handler & Condenser Installation and Owner's Manual

Comprehensive installation and owner's manual for ACiQ Essentials Mini-Split Air Handler and Condenser systems, covering safety precautions, parts identification, remote control operation, installation procedures, test runs, maintenance, and troubleshooting for various models. The manual also includes critical information regarding the servicing of systems using flammable refrigerant R454B, emphasizing safety protocols and regulatory compliance. It is designed for professional installers and end-users to ensure safe and efficient operation of ACiQ mini-split heat pump systems.



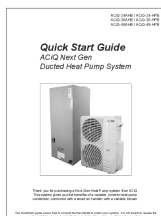
# ACIQ Wall-Mounted Air Handler & Extreme Heat Single-Zone Condenser Installation & Owner's Manual

This manual provides detailed installation, operation, and safety guidelines for ACiQ wall-mounted air handlers and extreme heat single-zone condensers, covering models ACiQ-06W-HH-MD through ACiQ-24ZPL-HP230C.



## ACiQ R32 Unitary Air Handler &amp; Heat Pump Condenser Technical Sales Guide

This technical sales guide provides detailed specifications, performance data, dimensions, and wiring diagrams for the ACiQ R32 Unitary Air Handler and Heat Pump Condenser series, covering models ACiQ-24/36/48/60-AH32 and ACiQ-24/36/48/60-HP32.



## ACiQ Next Gen Ducted Heat Pump System: Quick Start Guide for Thermostat Wiring

This guide provides essential information for connecting and wiring thermostats to the ACiQ Next Gen Ducted Heat Pump System. It details recommended and alternative connection options, including DIP switch settings and terminal block configurations for various thermostat types.



## ACiQ Smart AC WiFi Manual: Setup, Configuration, and App Usage Guide

This comprehensive manual guides users through setting up and using the ACiQ Smart AC WiFi module. It covers app download, account creation, network configuration for both Android and iOS devices, and detailed explanations of app features like timers, sleep settings, energy monitoring, and more.

