ACiQ ACiQ-09W-HP115B / ACiQ-09Z-HP115B

ACiQ 9,000 BTU 19 SEER Single Zone Wall Mounted Mini Split System

Model: ACiQ-09W-HP115B / ACiQ-09Z-HP115B

User Manual

1. INTRODUCTION

The ACiQ 9,000 BTU 19 SEER Single Zone Wall Mounted Mini Split System is designed to provide efficient and intelligent climate control for single spaces. This system offers both cooling and heating capabilities, making it suitable for year-round comfort. Its inverter technology ensures adaptive performance and energy efficiency.

This manual will guide you through the proper installation, operation, maintenance, and troubleshooting of your ACiQ mini split system to ensure its optimal performance and longevity.

2. PRODUCT OVERVIEW

The ACiQ mini split system consists of an indoor wall-mounted air handler and an outdoor condenser unit. These components work together to provide precise temperature control.

Figure 2.1: ACiQ Indoor Wall-Mounted Air Handler and Outdoor Condenser Unit.

The indoor unit, model ACiQ-09W-HP115B, features a soft LED display for quick information such as room temperature and system alerts. The outdoor unit, model ACiQ-09Z-HP115B, utilizes inverter technology for superior, adaptive performance.

Figure 2.2: The ACiQ outdoor condenser unit (top) and indoor air handler (bottom).

The system is designed for quiet operation and includes a Gold Fin full-protection coating for durability. It is also WiFi enabled, allowing control via a smart device.

Figure 2.3: Example installation of the ACiQ indoor unit within a room and the outdoor unit outside a building.

3. SETUP AND INSTALLATION

The ACiQ mini split system is a split-system air conditioner, meaning it requires both an indoor and an outdoor unit connected by refrigerant lines and electrical wiring. Due to the complexity involving refrigerant handling and electrical connections, **professional installation is highly recommended** to ensure proper function, safety, and warranty validity.

3.1 Pre-Installation Checks

- Verify that the installation location for both indoor and outdoor units meets clearance requirements and structural integrity.
- Ensure the electrical supply matches the unit's voltage requirements (120 Volts AC).
- Confirm all necessary installation equipment and accessories are available.

3.2 Key Installation Steps (Overview for Professionals)

1. Mount the indoor unit securely on the wall, ensuring proper drainage.

2. Install the outdoor condenser unit on a stable, level surface, ensuring adequate airflow.

3. Connect the refrigerant lines between the indoor and outdoor units, ensuring proper vacuum and charge.

4. Complete electrical wiring connections according to local codes and the wiring diagram provided with the unit.

5. Install the condensate drain line to ensure proper water removal.

6. Perform a system leak check and test run to verify proper operation.

4. OPERATING INSTRUCTIONS

Your ACiQ mini split system can be controlled via the included smart remote, the soft LED display on the indoor unit, or through a smart device using the WiFi connectivity.

4.1 Remote Control Operation

The smart remote features an LCD screen for notifications and allows you to adjust temperature, mode (Cool, Heat, Fan, Dry), fan speed, and set timers. Refer to the remote control's specific manual for detailed button functions.

4.2 Indoor Unit Display

The indoor unit's LED display shows the current room temperature, setpoint changes, and system alerts, including error codes. This display can be turned off if desired.

4.3 WiFi and Smart Device Control

The ACiQ system is WiFi ready. You can control your unit from anywhere in the world using a compatible smart device (iOS or Android) application. The system is also compatible with Amazon Alexa and Google Assistant for voice control.

- Download the official ACiQ smart control application from your device's app store.
- Follow the in-app instructions to connect your mini split system to your home WiFi network.
- Once connected, you can remotely adjust settings, monitor status, and receive notifications.

4.4 Operating Modes

- **Cool Mode:** Provides cooling. Efficient cooling from -4°F to 122°F outdoor temperatures.
- **Heat Mode:** Provides heating. Efficient heating from -4°F to 57°F outdoor temperatures.
- **Fan Mode:** Circulates air without heating or cooling.
- **Dry Mode (Dehumidification):** Reduces humidity in the air.
- **Auto Mode:** Automatically selects cooling or heating based on the set temperature and room temperature.
- **Sleep Mode:** Adjusts temperature gradually for comfortable sleep and energy saving.

5. MAINTENANCE

Regular maintenance is crucial for the efficient and long-lasting operation of your ACiQ mini split system. Always turn off the power to the unit before performing any maintenance.

5.1 Air Filter Cleaning (Monthly)

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

5.2 Outdoor Unit Coil Cleaning (Annually)

- Ensure the outdoor unit is free from debris, leaves, and dirt.
- Carefully clean the outdoor coil fins with a soft brush or a low-pressure water hose. Avoid bending the fins.
- Ensure proper drainage around the outdoor unit.

5.3 Drain Line Check (Seasonally)

- Check the condensate drain line for any blockages or kinks that could prevent proper water drainage.
- Clear any obstructions to prevent water leaks from the indoor unit.

6. TROUBLESHOOTING

If you encounter issues with your ACiQ mini split system, refer to the following common troubleshooting steps. For complex issues, contact a qualified 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 batteries
Poor cooling/heating performance	Dirty air filters; Blocked outdoor unit; Incorrect mode setting; Low refrigerant	Clean air filters; Clear outdoor unit; Select correct mode; Contact technician for refrigerant check
Unusual noises	Loose parts; Fan obstruction; Refrigerant flow noise (normal)	Check for loose components; Remove obstructions; If persistent or loud, contact technician
Water leaking from indoor unit	Clogged drain line; Incorrect installation angle	Clear drain line; Contact technician for installation check
WiFi connectivity issues	Incorrect network settings; Router issues; App malfunction	Reconfigure WiFi settings in app; Restart router; Reinstall app

The indoor unit's LED display may show error codes. Refer to the specific error code list in the comprehensive installation manual or contact ACiQ support for interpretation and resolution.

7. SPECIFICATIONS

Detailed technical specifications for the ACiQ 9,000 BTU 19 SEER Single Zone Wall Mounted Mini Split System:

Specification	Value
Brand	ACiQ
Model Name	ACiQ-09W-HP115B / ACiQ-09Z-HP115B
Capacity	9,000 BTU
Seasonal Energy Efficiency Ratio (SEER)	19
Installation Type	Split System
Form Factor	Mini-Split

Specification	Value
Voltage	120 Volts (AC)
Power Source	Corded Electric
Special Feature	WiFi Enabled
Control Method	App, Remote
Efficient Cooling Outdoor Temp. Range	-4°F to 122°F
Efficient Heating Outdoor Temp. Range	-4°F to 57°F
Gold Fin Coating	Yes

8. WARRANTY INFORMATION

ACiQ offers robust warranty protection for its products. The standard warranty includes 12 years for the compressor. To extend warranty protection to **7 years for parts and 12 years for the compressor**, it is essential to register your equipment.

Please register your ACiQ mini split system at the official ACiQ website: ACiQ.com. Retain your proof of purchase and installation records for warranty claims.

9. SUPPORT AND CONTACT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact ACiQ customer support or the authorized seller.

- **ACiQ Official Website:** ACiQ.com
- **ACiQ Store on Amazon:** Visit the ACiQ Store
- **Seller:** HVACDirect Online (via Amazon)

When contacting support, please have your model number (ACiQ-09W-HP115B / ACiQ-09Z-HP115B) and purchase date readily available.