hykolity ACA-2513_ACA-2514_ACA-0003

Hykolity 9,000 BTU Mini Split Air Conditioner & Heater User Manual

Model: ACA-2513_ACA-2514_ACA-0003

1. Introduction

This manual provides essential information for the safe and efficient operation of your Hykolity 9,000 BTU Mini Split Air Conditioner and Heater. This unit offers versatile climate control, including cooling, heating, dehumidification, and ventilation functions, suitable for rooms up to 450 sq. ft. It features a 19 SEER2 rating for energy efficiency and can be controlled via a wireless remote or a WiFi-enabled application.



Image 1.1: Hykolity 9,000 BTU Mini Split Air Conditioner and Heater.

Your browser does not support the video tag.

Video 1.1: Overview of the Mini Split Air Conditioner Heat Pump features. This video demonstrates the unit's general functions and benefits.

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:** Installation, maintenance, and repair of this unit must be performed by qualified and authorized personnel. Improper installation can lead to electric shock, fire, water leakage, or other hazards.
- **Electrical Safety:** Ensure the power supply matches the unit's specifications (115V). Do not operate the unit with wet hands or in damp conditions. Always disconnect power before cleaning or servicing.
- **Refrigerant:** This unit uses R-410A refrigerant. Handling of refrigerant should only be done by certified technicians.
- **Clearance:** Maintain adequate clearance around both indoor and outdoor units for proper airflow and heat dissipation.
- **Children and Pets:** Keep children and pets away from the unit, especially during operation and maintenance.

3. Package Contents

Verify that all components are present and undamaged upon unpacking. If any items are missing or damaged, contact your retailer immediately.

Package List

Note: The item comes in 3 separate boxes, so delivery times may vary.



Image 3.1: Package contents for the Hykolity Mini Split Air Conditioner and Heater. The package includes the indoor fan coil section, outdoor condenser section, wireless remote controller with holder, 16 ft. line set, installation accessories, and vibration absorber feet.

- Indoor Fan Coil Section
- Outdoor Condenser Section
- Wireless Remote Controller with Holder
- 16 ft. Line Set
- Installation Accessories (e.g., mounting plate, drainage hose, sealing compound)
- Vibration Absorber Feet for Condensing Unit
- User Manual (this document)

4. Setup and Installation

Professional installation is highly recommended for optimal performance and to ensure compliance with local electrical and HVAC codes. The installation process involves mounting both indoor and outdoor units, connecting refrigerant lines, electrical wiring, and drainage.

4.1 Key Installation Considerations

- **Location:** Choose a location for the indoor unit that allows for even air distribution and is away from direct sunlight or heat sources. The outdoor unit should be placed on a stable surface with adequate ventilation.
- **Dimensions:** Ensure sufficient space for both units. The indoor unit measures approximately 32.28" W x 12.05" H x 7.68" D. The outdoor unit measures approximately 28.66" W x 21.65" H x 12.01" D.
- **Electrical Connection:** The unit requires a 115V power supply. All electrical connections must be made according to local codes and the wiring diagram provided with the unit.
- **Refrigerant Lines:** The 16 ft. line set connects the indoor and outdoor units. Proper vacuuming and charging of the refrigerant lines are critical for efficiency and longevity.



Image 4.1: Unit dimensions and a reminder for professional installation.

4.2 Installation Videos

For a detailed visual guide on the installation process, please refer to the following official videos:

Your browser does not support the video tag.

Video 4.2: Mini Split Air Conditioner Installation Guide. This video provides step-by-step instructions for installing the unit.

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Video 4.3: Hykolity Mini Split Air Conditioner Installation. Another comprehensive guide for the installation process.

5. Operating Instructions

Your Hykolity Mini Split AC offers multiple modes and control options for personalized comfort.

5.1 Control Methods

- **Wireless Remote Controller:** Use the included remote to adjust settings, change modes, and set timers.
- **WiFi App Control:** Download the dedicated app to control your unit from anywhere using your smartphone.



Image 5.1: Control your AC unit remotely using the WiFi app on your smartphone.

5.2 Operating Modes

- **Cooling Mode:** Provides efficient cooling for your space, adjustable from 61°F to 88°F.
- **Heating Mode:** Utilizes the built-in heat pump to warm your room, adjustable from 61°F to 88°F.
- **Dehumidify Mode:** Reduces humidity levels in the air, improving air quality and comfort.
- **Fan Mode:** Circulates air without cooling or heating, offering multiple fan speeds.
- **Turbo Mode:** Activates maximum cooling or heating for rapid temperature adjustment.
- **Sleep Mode:** Adjusts temperature and fan speed automatically for quiet, comfortable sleep, maintaining a noise level below 42dB.
- **ECO Mode:** Optimizes energy consumption for efficient operation.
- **Auto Mode:** Automatically selects the appropriate operating mode (cooling, heating, or fan) based on the ambient temperature.
- **I Feel Mode:** The remote control senses the temperature around it and sends the signal back to the indoor unit, allowing the unit to adjust the temperature for optimal comfort in your immediate vicinity.
- **24-Hour Timer:** Program the unit to turn on or off at specific times.

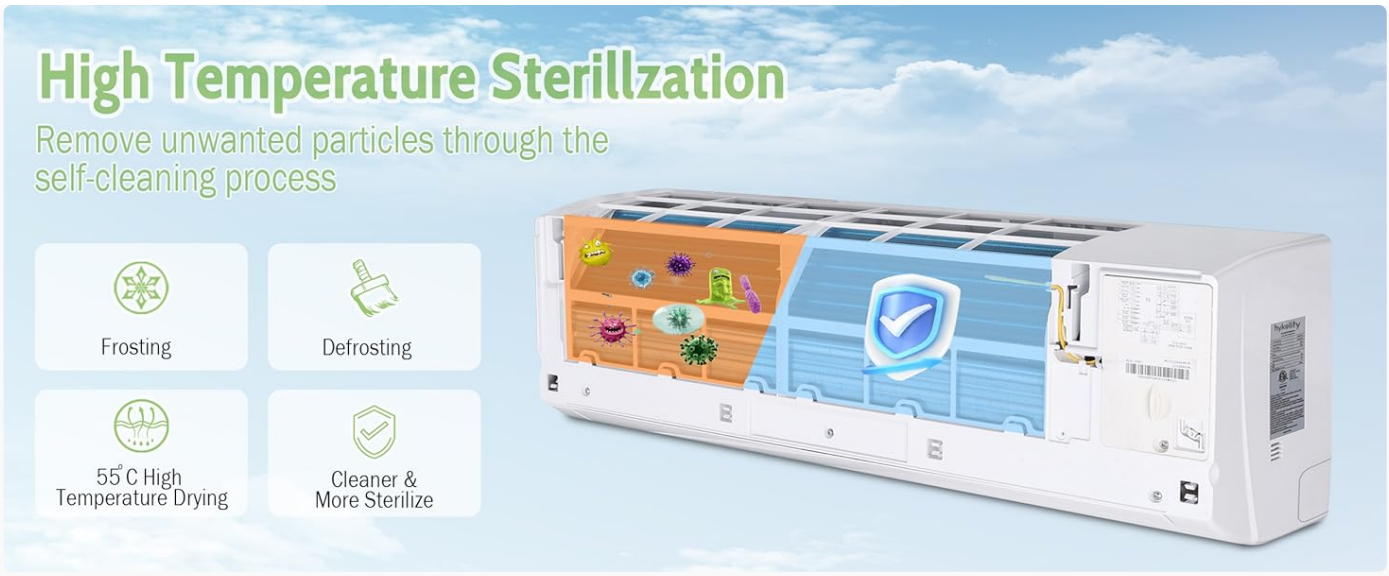


Image 5.2: The unit offers 4-in-1 functionality for year-round comfort.



Image 5.3: The 4D airflow system ensures even temperature distribution throughout the room.

6. Maintenance

Regular maintenance ensures the longevity and efficiency of your unit. Always disconnect power before performing any maintenance.

6.1 Air Filter Cleaning

Clean the air filters every two weeks or more frequently if the unit is used heavily or in dusty environments. Dirty filters can reduce cooling/heating efficiency and airflow.

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Wash the filters with lukewarm water and a mild detergent. Rinse thoroughly.
4. Allow filters to dry completely before reinstalling.
5. Close the front panel.



Image 6.1: Removing the air filter for cleaning.

6.2 High Temperature Sterilization (Self-Cleaning)

The unit features a self-cleaning function that uses high temperatures to remove unwanted particles and sterilize the internal components, enhancing air quality and unit hygiene.

- Refer to your remote control or app instructions to activate the self-cleaning cycle.
- This process typically involves frosting, defrosting, and high-temperature drying at 55°C.

7. Troubleshooting

If you encounter issues with your unit, consult the table below for common problems and solutions. If the problem persists, contact customer support.

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
Insufficient cooling/heating	Dirty air filters; Blocked outdoor unit; Incorrect mode setting; Room size too large	Clean air filters; Clear obstructions; Select correct mode; Ensure unit matches room size
Unusual noise	Loose parts; Fan obstruction; Refrigerant flow noise (normal)	Check for loose parts; Remove obstructions; Consult professional if noise is excessive
Water leakage from indoor unit	Clogged drain hose; Improper installation	Clear drain hose; Contact professional for inspection
WiFi connection issues	Incorrect network settings; Router issues; App malfunction	Verify network settings; Restart router; Reinstall app; Check app instructions

8. Specifications

Detailed technical specifications for your Hykolity Mini Split Air Conditioner and Heater.

Feature	Specification
Brand	hykolity

Feature	Specification
Model Name	Mini Split Air Conditioner & Heater
Model Number	ACA-2513_ACA-2514_ACA-0003
Capacity	9,000 BTU (0.75 tons)
Cooling Power	6000 British Thermal Units
Voltage	115 Volts
Seasonal Energy Efficiency Ratio (SEER2)	19
Heating Seasonal Performance Factor (HSPF2)	8.5
Noise Level	28 Decibels (Indoor Unit)
Refrigerant	R-410A
Coverage Area	Up to 450 Sq. Ft.
Indoor Unit Dimensions (D x W x H)	7.68" x 32.28" x 12.05" (approx.)
Outdoor Unit Dimensions (D x W x H)	12.01" x 28.66" x 21.65" (approx.)
Special Features	Dehumidifier, Heating & Cooling Function, Remote Controlled, WiFi Enabled
Certifications	ETL Listed, AHRI Certified

9. Warranty and Support

9.1 Warranty Information

This Hykolity Mini Split Air Conditioner and Heater is backed by a**3-year manufacturer's warranty**, specifically covering the compressor. For detailed warranty terms and conditions, please refer to the warranty card included in your package or contact Hykolity customer service.

9.2 Customer Support

If you have any questions, require technical assistance, or need to report a warranty claim, please contact Hykolity customer support. Contact information can typically be found on the manufacturer's website or on the product packaging.

Please have your model number (ACA-2513_ACA-2514_ACA-0003) and purchase date ready when contacting support.

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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

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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