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› [Air-Con 9000 BTU Mini Split Air Conditioner System User Manual \(Model ASRCI4H4S09-ASREM4H4S09\)](#)

Air-Con ASRCI4H4S09-ASREM4H4S09

Air-Con 9000 BTU Mini Split Air Conditioner System User Manual

Model: ASRCI4H4S09-ASREM4H4S09

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Air-Con 9000 BTU Mini Split Air Conditioner and Heating System. Please read this manual thoroughly before installation and use, and retain it for future reference.

The Air-Con Mini Split system offers both cooling and heating capabilities, designed for independent zone control without the need for traditional ductwork. It features inverter technology for energy efficiency and quiet operation.

2. SAFETY INFORMATION

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Consult a qualified installer, service agency, or the manufacturer for information or assistance.

- **Professional Installation Required:** Installation and maintenance of this unit must be performed by a licensed HVAC technician. Attempting to install or service the unit without proper certification may void the warranty and pose safety risks.
- **Electrical Safety:** Ensure the power supply matches the unit's requirements (220 Volts). All electrical work must comply with local and national electrical codes.
- **Refrigerant Handling:** This unit contains R410A refrigerant. Only qualified personnel should handle refrigerant to prevent environmental damage and personal injury.
- **Clearance:** Maintain adequate clearance around both indoor and outdoor units for proper airflow and maintenance.
- **Children and Pets:** Keep children and pets away from the outdoor unit and ensure they do not tamper with the indoor unit or remote control.
- **Proposition 65 Warning:** This product may expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit

3. INCLUDED COMPONENTS

Your Air-Con Mini Split system package includes the following main components:

- Indoor Unit (Evaporator)
- Outdoor Unit (Condenser)
- Remote Control
- 15-foot Copper Lineset (pre-charged)
- 15-foot Signal and Power Electrical Cables



Image 1: Overview of the Air-Con 9000 BTU Mini Split system, showing the indoor unit, outdoor unit, remote control, copper lineset, and electrical cables.



Image 2: Close-up of the remote control, pre-charged copper lineset, and signal/power electrical cables included with the system.

4. SETUP AND INSTALLATION

IMPORTANT: Installation must be performed by a licensed HVAC technician. Failure to do so will void the warranty and may result in improper operation or safety hazards.

4.1 Site Selection

- **Indoor Unit:** Select a location that allows for even air distribution, is away from direct sunlight or heat sources, and has sufficient space for maintenance. Ensure the wall is strong enough to support the unit's weight.
- **Outdoor Unit:** Choose a location with good airflow, away from obstructions, and on a stable, level surface. Ensure it is not exposed to excessive dust or corrosive gases. Maintain recommended clearances from walls and other objects.

4.2 Mounting the Indoor Unit

The indoor unit is typically mounted high on a wall. The technician will:

1. Install the mounting plate securely on the wall.
2. Drill a hole through the wall for the refrigerant lines, drain hose, and electrical cables.

3. Connect the refrigerant lines, drain hose, and electrical wiring to the indoor unit.
4. Mount the indoor unit onto the mounting plate.



Image 3: The indoor unit (evaporator) of the Air-Con Mini Split system, designed for wall mounting.

4.3 Installing the Outdoor Unit

The outdoor unit (condenser) should be placed on a solid, level foundation. The technician will:

1. Secure the outdoor unit to a concrete pad or wall bracket.
2. Connect the pre-charged copper lineset between the indoor and outdoor units.
3. Connect the signal and power electrical cables.
4. Perform vacuuming and leak checks to ensure system integrity.



Image 4: The outdoor unit (condenser) of the Air-Con Mini Split system, which houses the compressor and fan.

4.4 Electrical Connections

The system requires a 220 Volt power supply. All electrical connections must be made by a qualified electrician in accordance with local codes. Ensure proper grounding and circuit protection.

5. OPERATING INSTRUCTIONS

Your Air-Con Mini Split system is controlled primarily by the included remote control.

5.1 Remote Control Functions

The remote control allows you to adjust various settings:

- **ON/OFF Button:** Powers the unit on or off.
- **MODE Button:** Cycles through operating modes: Auto, Cool, Heat, Dry (Dehumidifier), Fan.
- **Temperature Adjustment:** Use the Up/Down arrows to set the desired temperature.
- **FAN Button:** Adjusts fan speed (Auto, Low, Medium, High).
- **SWING Button:** Controls horizontal and vertical louver movement for air direction.
- **SLEEP Mode:** Adjusts temperature and fan speed for comfortable sleeping conditions and energy saving.
- **TURBO Mode:** Provides rapid cooling or heating to reach the set temperature quickly.
- **TIMER Function:** Set the unit to turn on or off at specific times.
- **I FEEL Function:** Activates a sensor in the remote to measure the temperature at its location, providing more precise comfort.

5.2 Operating Modes

- **Cooling Mode:** Sets the unit to cool the room to the desired temperature.
- **Heating Mode:** Sets the unit to heat the room. This system can provide heating in ambient temperatures as low as -4°F.
- **Dry (Dehumidifier) Mode:** Reduces humidity in the room without significant cooling.
- **Fan Mode:** Circulates air without heating or cooling.
- **Auto Mode:** The unit automatically selects the appropriate mode (Cool, Heat, or Fan) based on the room temperature and your set temperature.

5.3 Special Features

- **Auto Clean:** Helps prevent mildew by drying the indoor coil after cooling operation.
- **Auto Reset:** Restores previous settings after a power interruption.
- **Inverter Technology:** Continuously adjusts compressor speed to maintain temperature, leading to energy savings and quieter operation.
- **WiFi Ready:** Compatible with optional remote systems (e.g., Cielo Breez, sold separately) for smart control via a mobile app.

6. MAINTENANCE AND CARE

WARNING: Always turn off the power supply to the unit before performing any maintenance or cleaning.

6.1 Air Filter Cleaning

The air filters in the indoor unit should be cleaned regularly (every 2-4 weeks, depending on usage) to maintain efficiency and air quality.

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Clean the filters with a vacuum cleaner or wash them with lukewarm water and mild detergent.
4. Allow filters to dry completely before reinstalling.

6.2 Outdoor Unit Cleaning

Periodically inspect the outdoor unit for debris (leaves, dirt, etc.) that may obstruct airflow. Gently clean the coil fins with a soft brush or water hose. Do not use high-pressure water, which can damage the fins.

6.3 Professional Servicing

It is recommended to have a licensed HVAC technician perform annual professional maintenance to ensure optimal performance, check refrigerant levels, and inspect all components for wear and tear.

7. TROUBLESHOOTING

Before contacting customer support, please check the following common issues:

Problem	Possible Cause	Solution
Unit does not turn on	No power, remote control batteries low, circuit breaker tripped.	Check power supply, replace remote batteries, reset circuit breaker.
Insufficient cooling/heating	Dirty air filters, blocked outdoor unit, wrong mode selected, temperature setting too high/low.	Clean air filters, clear obstructions from outdoor unit, select correct mode, adjust temperature.
Unusual noise	Loose parts, fan obstruction, refrigerant flow noise (normal).	Check for loose parts, clear obstructions. If noise persists or is unusual, contact a technician.
Water leakage from indoor unit	Clogged drain hose, improper installation.	Check and clear drain hose. If issue persists, contact a licensed HVAC technician.

If the problem persists after attempting these solutions, please contact Air-Con customer support or a licensed HVAC technician.

8. SPECIFICATIONS

Feature	Detail
Brand	Air-Con
Model Number	ASRCI4H4S09-ASREM4H4S09
Cooling Capacity	9000 BTU
Heating Capacity	Equivalent to 9000 BTU (Heat Pump)
SEER Rating	16.0 SEER
Tonnage	0.75 Tons
Voltage	220 Volts
Noise Level	53 dB
Refrigerant Type	R 410A
Indoor Unit Dimensions (W x H x D)	Approx. 29 5/16" (74.45 cm) x 10 5/8" (26.99 cm) x 8 7/16" (21.43 cm)
Outdoor Unit Dimensions (W x H x D)	Approx. 28 1/8" (71.44 cm) x 19" (48.26 cm) x 9 7/16" (23.97 cm)
Special Features	Auto Clean, Fast Cooling, Heating And Cooling Function, Inverter Compressor, Remote Controlled, Dehumidifier, 24-hour Timer, Sleep Mode, Auto Reset, WiFi Ready (with optional remote)

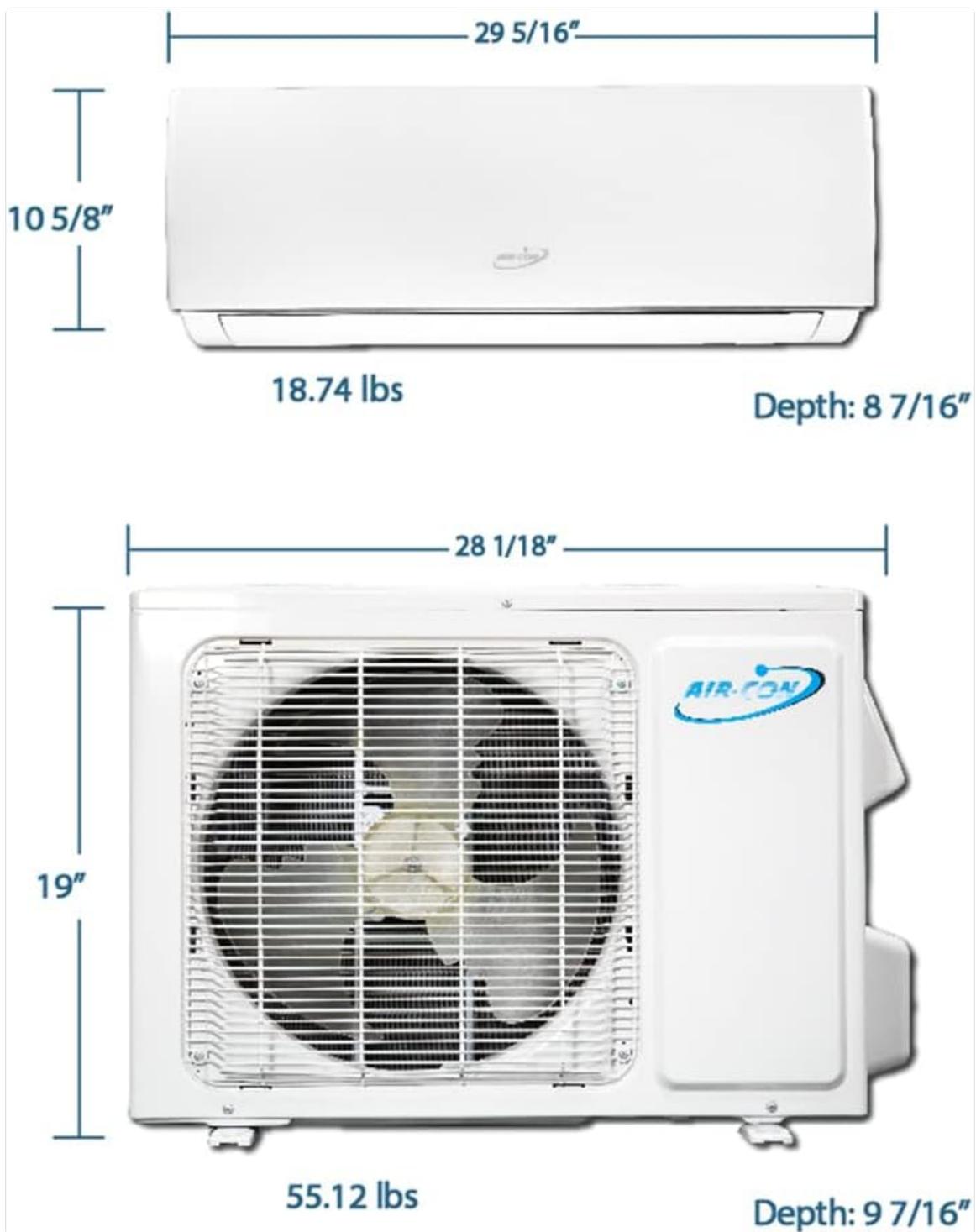


Image 5: Diagram illustrating the approximate dimensions and weights of the indoor and outdoor units.

9. WARRANTY AND SUPPORT

Air-Con is committed to providing quality products and customer satisfaction. Your Mini Split system is backed by U.S.-based replacement parts and technical service.

For specific warranty details, including coverage period and terms, please refer to the warranty card included with your product or contact Air-Con customer support directly. Keep your proof of purchase for warranty claims.

Customer Support:

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Air-Con

customer support. Contact information can typically be found on the manufacturer's website or in the product packaging.

When contacting support, please have your model number (ASRCI4H4S09-ASREM4H4S09) and purchase date available.

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This manual is for informational purposes only. Specifications are subject to change without notice.