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> [Air-Con 24000 BTU Mini Split Air Conditioner - Ductless AC/Heating System User Manual](#)

### Air-Con ASRCI4H4S24-ASREM4H4S24

# Air-Con 24000 BTU Mini Split Air Conditioner - Ductless AC/Heating System User Manual

Model: ASRCI4H4S24-ASREM4H4S24

## 1. PRODUCT OVERVIEW

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The Air-Con 24000 BTU Mini Split Air Conditioner is a ductless AC/heating system designed to provide efficient climate control for your space. This 2-ton unit features an 18 SEER inverter heat pump, offering both cooling and heating capabilities. It comes pre-charged and includes essential components for installation.



Image 1.1: Complete Air-Con Mini Split System, including indoor unit, outdoor unit, remote control, copper lineset, and electrical wiring.

## 2. SETUP AND INSTALLATION

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Proper installation of this mini split system requires a licensed HVAC technician. The unit is pre-charged with refrigerant, simplifying the process, but professional expertise is crucial for safe and efficient operation.

### 2.1 Included Components

- Indoor Unit
- Outdoor Unit
- Remote Control
- 15' Copper Lineset
- 15' Signal and Power Electrical Cables



Image 2.1: Essential installation components: remote control, copper lineset, and electrical wiring.

## 2.2 Installation Guidelines

1. **Site Selection:** Choose appropriate locations for both the indoor and outdoor units, ensuring adequate airflow and clearance.
2. **Mounting:** Securely mount the indoor unit to a wall and the outdoor unit on a stable surface or wall bracket.
3. **Lineset Connection:** Connect the pre-flared copper lineset between the indoor and outdoor units. Ensure proper torque to prevent leaks.
4. **Electrical Wiring:** Connect the signal and power cables according to the wiring diagram provided in the full installation manual. This must be done by a qualified electrician.
5. **Vacuuming:** A licensed HVAC technician must evacuate the system to remove non-condensable gases and moisture.
6. **Leak Check:** Perform a thorough leak check on all connections.
7. **Power On:** Once all connections are secure and checked, apply power to the system.

**Warning: Installation by unqualified personnel can lead to property damage, personal injury, or death. Always use a licensed HVAC technician.**

## 3. OPERATING INSTRUCTIONS

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The Air-Con Mini Split system offers various modes and features for optimal comfort and energy efficiency.

### 3.1 Remote Control Functions



Image 3.1: The remote control allows access to all operating modes and settings.

- **ON/OFF:** Powers the unit on or off.
- **MODE:** Cycles through operating modes: Auto, Cool, Heat, Dry (Dehumidifier), Fan.
- **FAN:** Adjusts fan speed (Auto, Low, Medium, High).
- **TEMP +/-:** Adjusts the desired temperature setting.
- **SWING:** Controls horizontal and vertical louver motion for air distribution.
- **SLEEP:** Activates sleep mode for quiet operation and optimized temperature control during sleep.
- **TURBO:** Engages turbo mode for rapid heating or cooling.
- **TIMER:** Sets a 24-hour timer for automatic on/off operation with last-setting memory.
- **DEHUMIDIFIER:** Dedicated mode for moisture removal.

### 3.2 Special Features

- **Inverter Technology:** Optimizes compressor speed to maintain desired temperature, reducing energy consumption and operating costs.
- **Auto Clean:** Prevents mildew growth within the indoor unit by drying the evaporator coil after cooling operation.
- **Auto Reset:** Restores previous settings after a power interruption.

- **WiFi Ready:** Compatible with optional remote systems (e.g., Cielo Breez, sold separately) for smart control.

## 4. MAINTENANCE

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Regular maintenance ensures the longevity and efficiency of your Air-Con Mini Split system. It is recommended to have a licensed HVAC technician perform annual inspections and servicing.

### 4.1 User Maintenance

- **Air Filter Cleaning:** Regularly clean or replace the air filters in the indoor unit to maintain airflow and air quality. Refer to the full manual for specific instructions on filter access.
- **Exterior Cleaning:** Wipe down the exterior of both units with a soft, damp cloth. Do not use harsh chemicals.

### 4.2 Professional Maintenance

A licensed HVAC technician should perform the following tasks annually:

- **Refrigerant Level Check:** Verify proper refrigerant charge.
- **Coil Cleaning:** Clean indoor and outdoor coils for optimal heat transfer.
- **Drainage System Check:** Ensure the condensate drain is clear and functioning correctly.
- **Electrical Connections:** Inspect all electrical connections for tightness and wear.
- **Fan Motor and Blades:** Check for proper operation and cleanliness.

## 5. TROUBLESHOOTING

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If you encounter issues with your Air-Con Mini Split system, review the following common troubleshooting steps. For complex problems, contact a licensed HVAC technician.

### 5.1 Common Issues

- **Unit Not Turning On:**
  - Check power supply and circuit breaker.
  - Ensure remote control batteries are functional.
- **Insufficient Cooling/Heating:**
  - Verify correct mode and temperature settings.
  - Clean air filters.
  - Ensure outdoor unit is not obstructed.
  - Check for closed windows or doors.
- **Unusual Noises:**
  - A gurgling sound is normal due to refrigerant flow.
  - Rattling or grinding noises may indicate a loose component or debris; contact a technician.
- **Water Leaking from Indoor Unit:**
  - Check if the condensate drain line is clogged or kinked.
  - Ensure the unit is level.

If these steps do not resolve the issue, please contact Air-Con customer support or a certified HVAC professional.

## 6. SPECIFICATIONS

Detailed technical specifications for the Air-Con 24000 BTU Mini Split Air Conditioner.

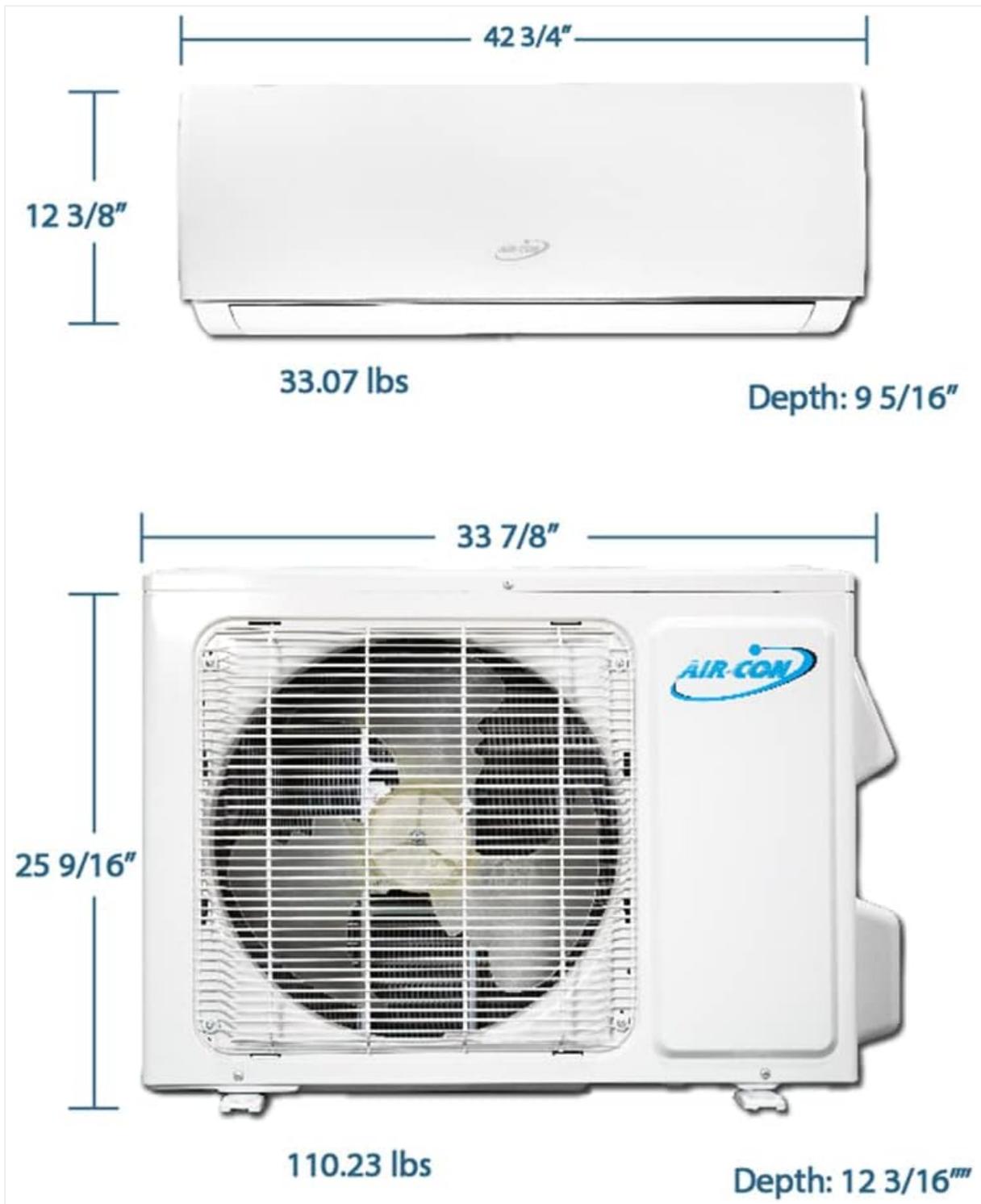


Image 6.1: Dimensions of the indoor and outdoor units.

Feature	Specification
Brand	Air-Con
Model Number	ASRCI4H4S24-ASREM4H4S24
Capacity	2 Tons (24000 BTU)
Efficiency (SEER)	18 SEER

Feature	Specification
Voltage	230 Volts
Noise Level	59 Decibels
Refrigerant	R 410A
Installation Type	Split System
Form Factor	Mini-Split
Special Features	Dehumidifier, Heating And Cooling Function, Inverter Compressor, Remote Controlled, Silent Mode
Indoor Unit Dimensions	42 3/4" (W) x 12 3/8" (H) x 9 5/16" (D)
Outdoor Unit Dimensions	33 7/8" (W) x 25 9/16" (H) x 12 3/16" (D)
Included Components	Remote Control, Copper Tubing, Power Cable, Signal Cable

## 7. WARRANTY AND SUPPORT

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Air-Con provides comprehensive warranty coverage and support for your product.

### 7.1 Warranty Information

- **Compressor:** 7 Years (Registration Required)
- **Parts:** 5 Years (Registration Required)

Please ensure you register your product to activate the full warranty terms. Refer to the warranty card included with your product for detailed terms and conditions.

### 7.2 Customer Support

For technical assistance, warranty claims, or general inquiries, please contact Air-Con customer support. Air-Con offers USA-based parts and support.

Contact information can typically be found on the Air-Con official website or in the documentation provided with your unit.

