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**Albott SAC012**

# Albott 12,000 BTU DIY Mini Split Air Conditioner & Heating System User Manual

Model: SAC012

## 1. Safety Information

Please read this manual thoroughly before installation and operation. Keep this manual for future reference. Failure to follow these instructions may result in property damage, personal injury, or death.

- **Electrical Safety:** Ensure the power supply matches the unit's requirements (115V). Always disconnect power before performing any maintenance or service.
- **Refrigerant:** This unit contains R32 refrigerant. Handle with care and ensure proper ventilation during installation. Do not puncture refrigerant lines.
- **Installation:** Follow all local and national electrical and building codes. Ensure the outdoor unit is installed on a stable, level surface.
- **Children and Pets:** Keep children and pets away from the unit during operation and maintenance.
- **Maintenance:** Only perform maintenance as described in this manual. For complex issues, contact qualified service personnel.

## 2. Product Overview

The Albott 12,000 BTU DIY Mini Split Air Conditioner & Heating System (Model SAC012) is designed to provide efficient year-round climate control for residential and small commercial spaces up to 750 sq. ft. This 115V, 18 SEER2 ductless inverter system features a Pro Fast-Fit Set for simplified installation, eliminating the need for vacuuming or specialized HVAC tools.

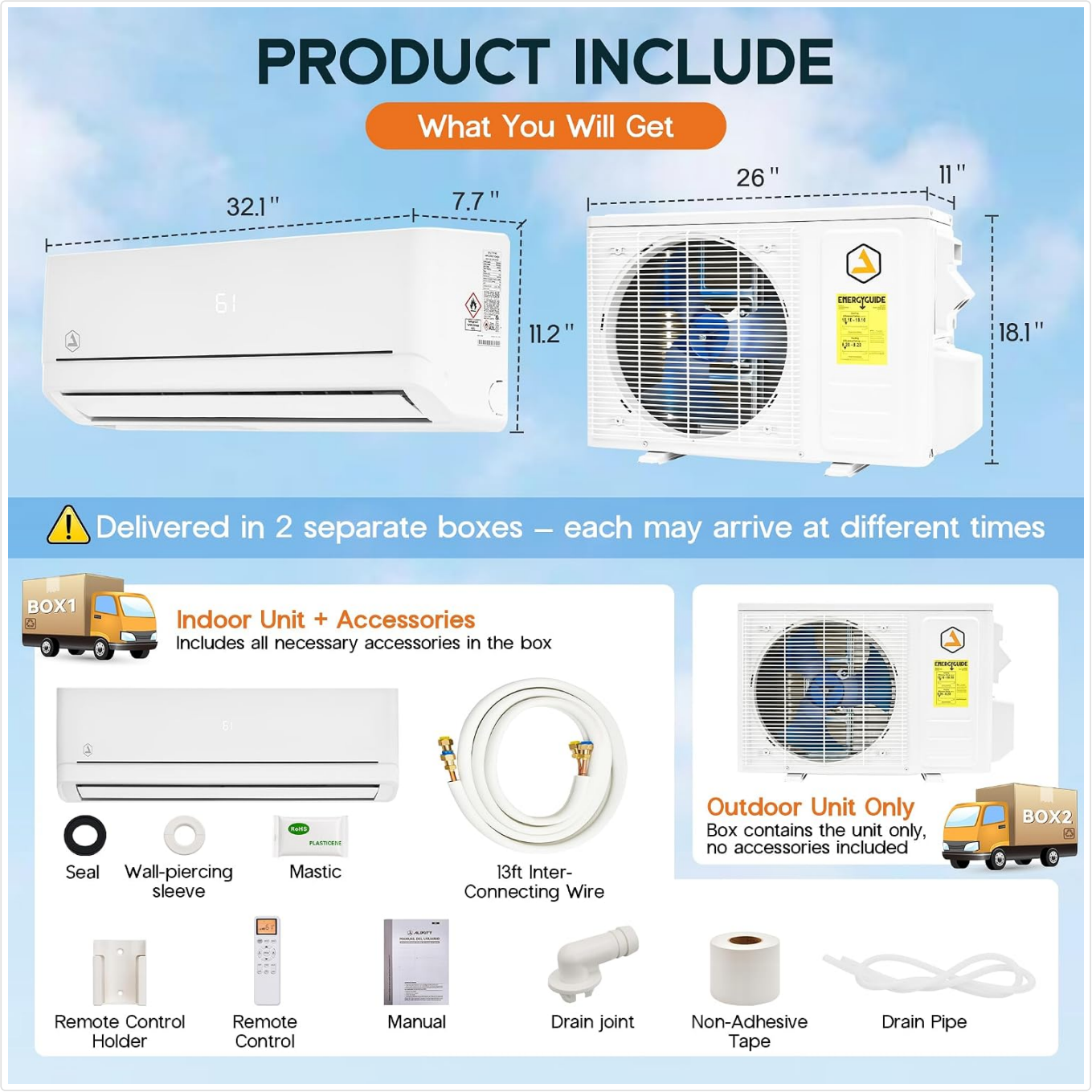
### Key Features:

- **DIY Installation:** Pre-connected indoor unit and pre-charged lines for quick setup without professional HVAC assistance.
- **Year-Round Comfort:** Provides both cooling (down to 61°F) and heating (up to 90°F) capabilities.
- **Energy Efficient:** 18 SEER2 inverter technology for reduced energy consumption.
- **Quiet Operation:** Operates at a low noise level, under 29dB.
- **Smart Control:** Remote control and WiFi-enabled app control for convenience.

- **Self-Cleaning:** Features a self-cleaning function and removable, easy-to-clean filters.

## 3. Package Contents

The Albott Mini Split system is delivered in two separate boxes, which may arrive at different times. Please verify all components are present before beginning installation.




This image shows the indoor unit, outdoor unit, and all included accessories for the Albott Mini Split AC system. The indoor unit and accessories are in Box 1, while the outdoor unit is in Box 2.

### Included Components:

- Indoor Unit
- Outdoor Unit
- 13ft Inter-Connecting Wire
- Remote Control
- User Manual

- Drain Joint
- Non-Adhesive Tape
- Drain Pipe
- Remote Control Holder
- Wall-piercing Sleeve
- Seal
- Mastic
- Filters (pre-installed in indoor unit)

*Note: Power cord not included due to varying installation requirements. Remote control battery not included to ensure safe transportation.*

## 4. Setup and Installation

The Albott Mini Split system is designed for easy DIY installation, requiring no specialized HVAC tools or vacuuming. Follow the detailed step-by-step guide provided in the manual and refer to the installation video for visual assistance.




This image illustrates the DIY nature of the Albott Mini Split, emphasizing that no HVAC technician is required due to its quick-connect

system and easy setup process.




This image highlights the pre-connected features of the Albott Mini Split, including pre-charged lines, a pre-vacuumed outdoor unit, and a pre-wired indoor unit, simplifying the installation process.

## Installation Steps Overview:

1. **Mounting Plate Installation:** Secure the indoor unit mounting plate to the wall according to the provided template.
2. **Drill Wall Hole:** Create a hole for the refrigerant lines, drain pipe, and electrical cable to pass through the wall.
3. **Outdoor Unit Placement:** Choose a suitable location for the outdoor unit, ensuring adequate clearance for airflow and maintenance.
4. **Connect Refrigerant Lines:** Utilize the pre-charged, quick-connect lines to link the indoor and outdoor units. Hand-tighten first, then use a wrench to secure according to torque specifications in the manual.
5. **Electrical Connections:** Connect the electrical wiring between the indoor and outdoor units, and to the power supply, following the wiring diagram in the manual.
6. **Drainage Connection:** Attach the drain pipe to the indoor unit and ensure it has a downward slope for proper water drainage.

7. **Leak Test:** Although the system is designed for DIY, a basic leak test (e.g., soap bubble test on connections) is recommended to ensure all connections are secure.
8. **Insulation and Sealing:** Insulate all exposed refrigerant lines and seal the wall hole to prevent air and moisture infiltration.
9. **Initial Startup:** Restore power and perform the initial startup sequence as outlined in the manual.

### Installation Video Guide:

Your browser does not support the video tag.

This video provides a detailed guide on installing the Albott 12,000 BTU Ductless Mini-Split AC with Pro Fast-Fit Set, demonstrating the quick-connect system and electrical connections.

## 5. Operating Instructions

The Albott Mini Split system offers various modes and features for optimal comfort, controllable via the included remote or a smart app.




This image demonstrates the year-round comfort provided by the Albott Mini Split AC, showing its ability to cool down to 61°F and heat

up to 90°F across different rooms.




This image details the comprehensive features of the Albott Mini Split AC, including 7 operating modes, 4 fan speeds, and additional functions like Eco Clean, 24H Timer, and 4D Auto Swing.

## Operating Modes:

- **Cool Mode:** For cooling the room. Set desired temperature between 61°F and 90°F.
- **Heat Mode:** For heating the room. Set desired temperature between 61°F and 90°F.
- **Dry Mode:** Dehumidifies the air.
- **Fan Mode:** Circulates air without cooling or heating.
- **Auto Mode:** Automatically selects cooling or heating based on room temperature.
- **Sleep Mode:** Adjusts temperature for comfortable sleep and saves energy.
- **ECO Mode:** Optimizes operation for maximum energy efficiency.
- **Turbo Mode:** Provides rapid cooling or heating.

## Additional Functions:

- **24-Hour Timer:** Program the unit to turn on or off at specific times.
- **Fan Speed Adjustment:** Select from Auto, Low, Mid, or High fan speeds.
- **Louver Control:** Adjust the airflow direction (4D Auto Swing).
- **WiFi Control:** Connect to the Albott smart app for remote control and scheduling.

### Operation Video Guide:

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This video showcases the Albott Mini Split in operation, highlighting its quick cooling and heating capabilities and remote control functionality.

## 6. Maintenance

Regular maintenance ensures optimal performance and longevity of your Albott Mini Split system. Always disconnect power before performing any cleaning or maintenance.




This image demonstrates the self-cleaning process of the Albott Mini Split AC, which takes approximately 15 minutes, and highlights the removable and easy-to-clean filters.

### Indoor Unit Maintenance:

- **Filter Cleaning:** The indoor unit features removable mesh filters. Clean them every two weeks or more frequently depending on usage and air quality. Wash with mild soap and water, rinse thoroughly, and allow to dry completely before re-installing.
- **Self-Cleaning Function:** Activate the self-cleaning function periodically (e.g., monthly) to clean the evaporator coil and prevent mold and mildew buildup. This process typically takes about 15 minutes.
- **Exterior Cleaning:** Wipe the exterior of the indoor unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

### Outdoor Unit Maintenance:

- **Coil Cleaning:** Periodically inspect the outdoor coil for dirt, leaves, or debris. Gently clean with a soft brush or rinse with a garden hose. Avoid bending the fins.
- **Clear Obstructions:** Ensure there are no obstructions around the outdoor unit that could impede airflow.
- **Drainage:** Check the outdoor unit's drain pan and drain hose for blockages.

## 7. Troubleshooting

Before contacting customer support, review the following common issues and solutions:

| Problem | Possible Cause | Solution |
|---|---|---|
| Unit does not turn on | No power, circuit breaker tripped, remote control battery low | Check power supply, reset circuit breaker, replace remote batteries. |
| Insufficient cooling/heating | Dirty air filters, blocked outdoor unit, wrong mode selected, room too large | Clean air filters, clear obstructions from outdoor unit, select correct mode, ensure unit capacity matches room size. |
| Unusual noise | Loose parts, fan obstruction, normal operating sounds (e.g., refrigerant flow) | Check for loose components, remove fan obstructions. If noise persists and is abnormal, contact support. |
| Water leakage from indoor unit | Clogged drain pipe, improper installation angle | Clear drain pipe blockage, ensure indoor unit is installed with a slight downward tilt for drainage. |
| Remote control not working | Low batteries, obstruction between remote and unit | Replace batteries, ensure clear line of sight to indoor unit. |

If the problem persists after attempting these solutions, please contact Albott customer support.

## 8. Specifications

| Feature | Detail |
|---|---|
| Brand | Albott |
| Model Name | SAC012 |
| Cooling Power | 12,000 BTU |

| Feature | Detail |
|---|---|
| Heating Power | 12,000 BTU |
| Voltage | 115 Volts |
| Seasonal Energy Efficiency Ratio (SEER2) | 18.0 |
| Noise Level | 29 Decibels (Indoor Unit) |
| Refrigerant | R32 (GWP: 675) |
| Coverage Area | Up to 750 Square Feet |
| Product Dimensions (Indoor Unit) | 7.6"D x 32.1"W x 11.2"H |
| Control Method | App, Remote Control |
| Special Features | Auto Clean, Child Lock, Inverter Compressor, Sleep Mode, WiFi Enabled |
| Installation Type | DIY Mini-Split |
| Operating Ambient Temperature | 5°F–122°F |
| Set Temperature Range | 61°F–90°F |

## 9. Warranty Information

The Albott 12,000 BTU DIY Mini Split Air Conditioner & Heating System comes with a comprehensive warranty to ensure your peace of mind:

- **Compressor:** 5-year limited warranty.
- **Parts:** 8-year limited warranty.

Please retain your proof of purchase for warranty claims. For full details on warranty terms, conditions, and exclusions, refer to the warranty card included with your product or contact Albott customer support.

## 10. Customer Support

For any questions, technical assistance, or warranty claims regarding your Albott Mini Split Air Conditioner & Heating System, please contact Albott customer support. Refer to the contact information provided in your product packaging or visit the official Albott website for the most up-to-date support details.

When contacting support, please have your model number (SAC012) and proof of purchase readily available.


### 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.

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**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**

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