

## Albott SAC011

# Albott Mini Split Air Conditioner Heat Pump - 18000 BTU 19 SEER2 (Model: SAC011)

Your comprehensive guide to installation, operation, and maintenance.

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## 1. SAFETY INFORMATION

**Important:** Read this manual carefully before installation and operation. Failure to follow instructions may result in property damage, personal injury, or death.

- Installation must be performed by qualified personnel in accordance with local and national electrical codes.
- Ensure proper grounding to prevent electrical shock.
- Do not block air inlets or outlets of the unit.
- Use only the specified refrigerant (R32). Refer to local regulations for handling.
- Keep children and pets away from the outdoor unit.
- Turn off power at the circuit breaker before any maintenance or cleaning.

## 2. PACKAGE CONTENTS

The Albott Mini Split Air Conditioner Heat Pump system is delivered in two separate boxes. Please ensure all components are present before beginning installation.

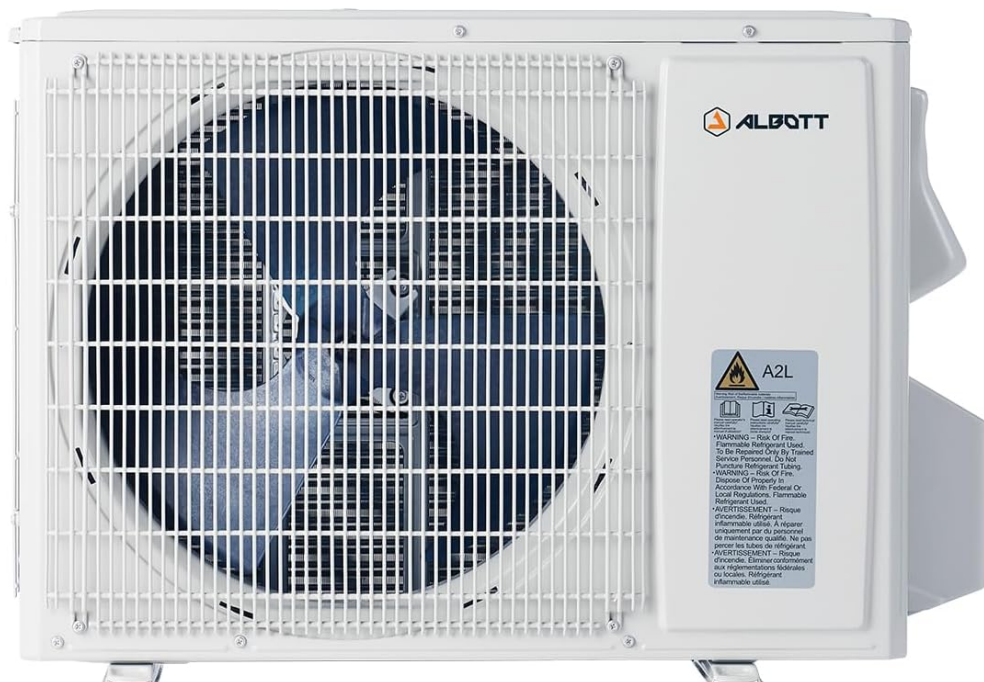


Image: Albott Mini Split Indoor and Outdoor Units. This image shows the complete indoor and outdoor units of the Albott Mini Split Air Conditioner Heat Pump.

### Box One (Indoor Unit & Accessories):

- Indoor Unit
- Instruction Manual
- Batteries (for remote control)
- Remote Control
- Hanging Plate (for indoor unit)
- Drain Pipe (for indoor unit)
- Installation Dimension Drawing
- 14.76 Ft Communication Wires

### Box Two (Outdoor Unit & Installation Kit):

- Outdoor Unit
- Wall Sleeve

- Putty
- Copper Connection Pipe - Air Pipe
- Copper Connection Pipe - Liquid Pipe
- 8.2 Ft Power Cord
- Tape

Every AC unit comes in TWO boxes and delivery date may be different per box, please schedule installation after receiving all the boxes

### BOX One



Back Mounting Plate



Indoor Unit



Installation Diagram



Remote Controller



Drainpipe



Power Cord



Batteries

### BOX Two



Luting (putty)



Plastic Strap



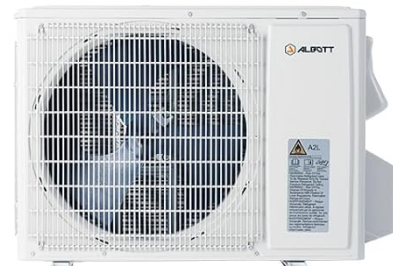
Power Cable



Connecting pipe (Air Pipe)



Connecting pipe (Liquid Pipe)



Outdoor Unit

Manufacturer's Warranty: 5 years on parts and 8 years on the compressor.

Image: Detailed package list for Albott Mini Split. This image illustrates the contents of both Box One and Box Two, showing all included components for installation.

## 3. SETUP & INSTALLATION

Professional installation is highly recommended for optimal performance and safety. Refer to the detailed "Installation Dimension Drawing" included in Box One for precise measurements and clearances.

### 3.1. Choosing Installation Location

- **Indoor Unit:** Ensure the wall is sturdy enough to support the unit's weight without vibration. Maintain at least 6 inches of clearance from the ceiling for proper air circulation. Avoid placing near heat sources or direct sunlight.
- **Outdoor Unit:** Space the outdoor unit away from walls and ensure no plants or objects are within 3 feet to allow for proper airflow. Choose a location with good drainage to prevent water accumulation.
- **Interference:** Install the indoor unit at least 10 feet (3 meters) away from any TVs or radio appliances to prevent electromagnetic interference.

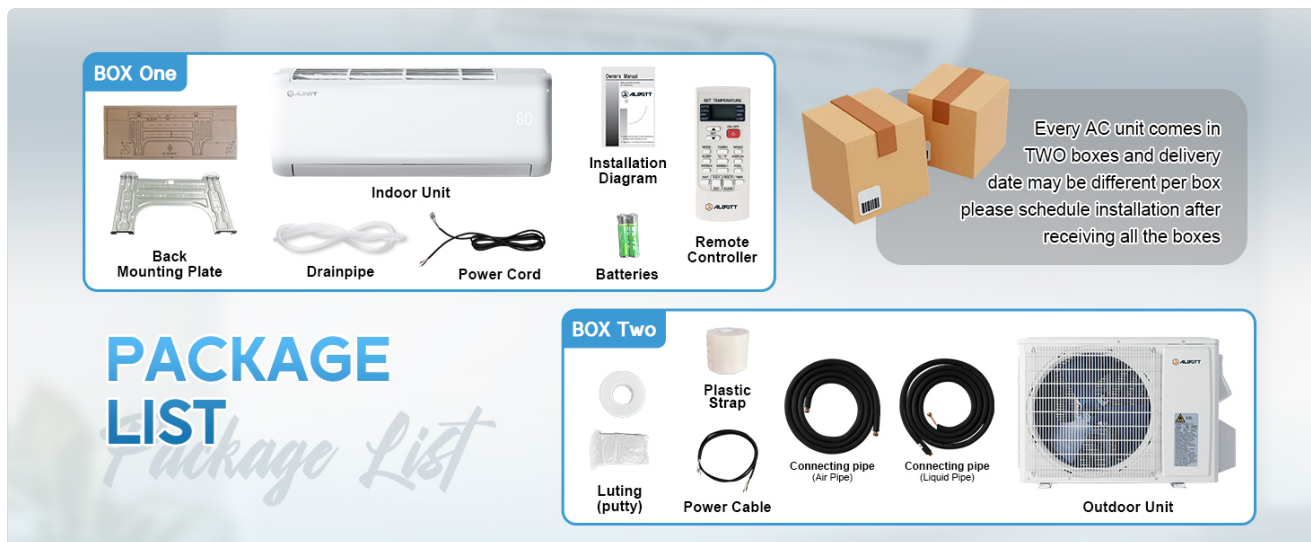


Image: Guide for choosing the correct BTU capacity based on room size. This image provides a table recommending BTU levels for different square footage areas.

### 3.2. Electrical Connections

- The unit operates on 208V-230V. Ensure your electrical supply matches this requirement.
- Connect the power cord and communication wires as per the wiring diagram provided in the manual. All wires are clearly marked for easy identification.
- Secure all connections firmly and ensure proper grounding.

**Video:** Installation for split air conditioner

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Video: This video provides a detailed guide on the installation process for the Albott Mini Split Air Conditioner, covering electrical connections and pipe handling.

### 3.3. Refrigerant Pipes & Vacuuming

- Handle copper refrigerant pipes with care to avoid kinking or damage. Use a bending tool if necessary.
- Ensure the line set is angled downward from the indoor unit to the outdoor unit for proper drainage.
- Vacuum the refrigerant circuit for at least 15 minutes per line set to remove air and moisture, ensuring maximum efficiency. Use a micron gauge to reach 500 microns, or a manifold gauge for -30 PSI.
- If the line set exceeds 25 feet, additional R32 refrigerant may need to be added by a qualified technician.

**Video:** 5 Urgent Steps Need to Know Before Installing Della Mini Split

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Video: This video highlights five critical steps to consider before installing a mini split system, focusing on proper location, pipe handling, and vacuuming procedures.

## 4. OPERATING INSTRUCTIONS

The Albott Mini Split offers versatile 4-in-1 functionality: Cooling, Dehumidifying, Heating, and Fan modes. All functions are easily controlled via the included remote control or a compatible smart app.



Image: Albott Mini Split remote control displaying various comfort features. This image shows the remote control and icons representing features like Screen Off, Self-Cleaning, C/F display, Turbo Mode, Sleep Mode, and 0.5-24H Timer.

### 4.1. Remote Control Functions

- **Power On/Off:** Press the power button to turn the unit on or off.
- **Mode Selection:** Cycle through Cool, Heat, Dry (Dehumidify), and Fan modes using the Mode button.
- **Temperature Adjustment:** Use the Up/Down arrows to set desired temperature between 60°F-90°F (16°C-32°C).
- **Fan Speed:** Adjust fan speed (Auto, Low, Medium, High) to your preference.
- **Swing Function:** Activate 4-way swing for optimal air distribution.
- **Turbo Mode:** For rapid cooling or heating.

- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep.
- **Timer:** Set a 24-hour timer for automatic on/off operation.
- **°F/°C Display:** Switch between Fahrenheit and Celsius display.



Image: Albott Mini Split showcasing its 4-in-1 functionality. This image visually represents the Cooling, Fan, Dehumidifying, and Heating modes of the unit.

## 4.2. Smart App Control (if applicable)

For models with Wi-Fi connectivity, download the dedicated smart app (refer to your manual for app name and QR codes) to control your unit remotely. The app allows for advanced scheduling and monitoring.

**Video:** GarveeTech Split AC Wi-Fi Connection Guide

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Video: This video demonstrates how to connect a split AC unit to a Wi-Fi network using the GarveeTech app, including device pairing and basic control functions.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Albott Mini Split system.

### 5.1. Filter Cleaning

- The unit features removable, washable filters. Clean them every 2-4 weeks, or more frequently if the unit is used heavily or in dusty environments.
- To clean, open the front panel of the indoor unit, remove the filters, wash them with mild soap and water, rinse thoroughly, and allow them to air dry completely before reinserting.



Image: Albott Mini Split indoor unit with removable filter for easy cleaning. This image shows a person removing the filter from the indoor unit, highlighting the ease of maintenance.

### 5.2. Self-Cleaning Function

- The built-in self-cleaning system operates at 135°F (57°C) to ensure healthy air and efficient cleaning.
- Activate this function via the remote control. It is recommended to use this function every 500 hours of

operation.

- The "CL" indicator on the internal unit display shows it is in operation.



Image: Diagram illustrating the automatic flushing function of the Albott Mini Split. This image shows the internal components being cleaned at high temperature, with a note about remote operation and the "CL" indicator.

### 5.3. Outdoor Unit Cleaning

- Periodically clear any debris, leaves, or obstructions from around the outdoor unit to ensure proper airflow and prevent damage to the fan.
- Gently clean the coils with a soft brush or vacuum cleaner if they appear dirty.

## 6. TROUBLESHOOTING

If your unit is not operating correctly, refer to the following common issues and solutions. For complex problems, contact a qualified technician.

### 6.1. Common Issues & Solutions

Problem	Possible Cause	Solution
Unit does not turn on	No power, remote batteries dead, circuit breaker tripped.	Check power supply, replace batteries, reset circuit breaker.
Poor cooling/heating performance	Dirty filters, blocked outdoor unit, incorrect mode/temperature setting, low refrigerant.	Clean filters, clear obstructions, verify settings, contact technician for refrigerant check.
Unusual noise	Loose parts, fan obstruction, unit not level.	Check for loose components, clear obstructions, ensure unit is level.
Water leakage (indoor unit)	Blocked drain pipe, improper installation angle.	Clear drain pipe, verify installation angle (ensure downward slope).

## 6.2. Fault Code Display

When the machine encounters an issue, the display shows a corresponding fault code. Refer to the user manual for a complete list of fault codes and their meanings.



Image: Albott Mini Split indoor unit displaying a fault code. This image shows the digital display on the unit indicating an error, with a note to consult the user manual for specific codes.

## 7. SPECIFICATIONS

Feature	Detail
Brand	Albott
Model Name	SEER 19 18K 220V
Model Number	SAC011
Cooling Power	18000 British Thermal Units (BTU)
Seasonal Energy Efficiency Ratio (SEER2)	19.0
Coverage Area	Up to 1250 Square Feet
Voltage	208V-230V
Noise Level	29 Decibels
Refrigerant	R-32 (Eco-friendly)
Operating Temperature Range	5°F to 122°F
Special Features	4 Way Swing, Fast Cooling, Heating & Cooling Function, Inverter Compressor, Self-Cleaning, Turbo, Sleep Modes, 24-hour Timer

Feature	Detail
Product Dimensions (Indoor Unit)	29.92"D x 11.61"W x 7.9"H
Item Weight	24 Pounds

## 8. WARRANTY & SUPPORT

Albott provides the following warranty for this Mini Split Air Conditioner Heat Pump:

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

For technical support, troubleshooting assistance, or warranty claims, please contact Albott customer service. Refer to your product manual for specific contact details.

**Manufacturer:** Happy Tao