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› Albott 12,000 BTU 208-230V 18 SEER2 Mini Split Air Conditioner and Heater Instruction Manual

## Albott SAC001

# Albott 12,000 BTU Mini Split Air Conditioner and Heater

## INSTRUCTION MANUAL

### 1. Introduction

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This manual provides detailed instructions for the installation, operation, and maintenance of your Albott 12,000 BTU Mini Split Air Conditioner and Heater. This system is designed to provide efficient cooling, heating, dehumidifying, and fan functions for spaces up to 750 sq. ft. Please read this manual thoroughly before installation and use to ensure proper operation and safety.

### 2. Safety Information

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Always adhere to local and national electrical codes. Installation should be performed by a qualified professional. Do not attempt to repair or modify the unit yourself. Ensure the power supply is disconnected before any maintenance or cleaning. Keep children and pets away from the unit during operation and maintenance. Use only the specified refrigerant (R32).

### 3. Package Contents

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Verify that all components are present in the packaging. The system typically arrives in two separate boxes.



# Package List

Note: the installation should be done only by professionals

Comes in 2 boxes & delivery time may be different per box



BOX 1



Indoor Unit



Remote Control



6.5 ft Drain Pipe Diameter: 2/3"



13ft Copper Connection Pipe - Air Pipe



15 ft Communication Wire

13ft Copper Connection Pipe - Liquid Pipe



BOX 2



Drain Elbow



Outdoor Unit



Wall Cap



Tape



Putty

\*Due to different installation requirements, the power cord is not included \*To ensure smooth transportation, the remote control battery is not included

Image: Overview of the Albott Mini Split Air Conditioner and Heater package contents, including indoor unit, outdoor unit, remote control, copper pipes, drain pipe, communication wires, drain elbow, wall cap, tape, and putty.

- Indoor Unit
- Outdoor Unit
- Remote Control
- Copper Connection Pipes (Air Pipe and Liquid Pipe)
- Drain Pipe
- Communication Wires
- Drain Elbow
- Wall Cap
- Tape
- Putty

Note: The power cord is not included. Remote control battery is not included.

## 4. Setup

Professional installation is highly recommended for this mini split system. Ensure proper electrical wiring and refrigerant line connections are made according to the detailed installation guide provided with the product. The indoor unit should be mounted securely on a wall, and the outdoor unit placed on a stable surface or mounted on a bracket, ensuring adequate airflow.

# Powerful Performance Minimal Energy Use

Uses advanced inverter technology



AHRI CERTIFIED®  
www.ahridirectory.org

OTHERS



OURS



↓ 36% Energy Cost



Service



5 Years Parts



7 Years Compressor



Image: The indoor unit of the Alcott Mini Split Air Conditioner mounted on a wall, demonstrating its sleek design and placement.

## 5. Operating Instructions

Your Alcott Mini Split system offers multiple modes and control options for optimal comfort.

### 5.1. Control Methods

- **Remote Control:** Use the included remote to adjust settings.
- **Mobile App:** Download the dedicated app for remote control via Wi-Fi.

# Intelligent Control With APP



Start the AC on your phone before arriving home



Image: Illustration showing both the physical remote control and the mobile application interface for controlling the Albott Mini Split system.

## 5.2. Operating Modes

The system features several operating modes:

- **Auto:** Automatically selects the appropriate mode (Cool, Heat, or Fan) based on the room temperature.
- **Cool:** Provides cooling to lower the room temperature.
- **Heat:** Provides heating to raise the room temperature.
- **Dry:** Dehumidifies the air without significant cooling.
- **Fan:** Circulates air without heating or cooling.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep, often with reduced noise.
- **ECO Mode:** Optimizes energy consumption for efficient operation.

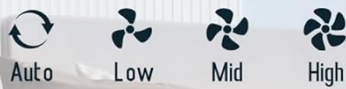
# Remote Control for Full Control



## 7 Modes



## 4 Fan Speeds



## Other Features

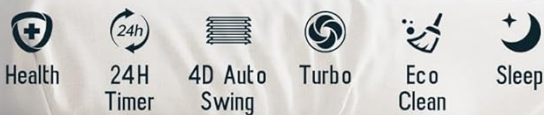


Image: A detailed view of the remote control for the Alcott Mini Split, highlighting various modes and settings such as Auto, Cool, Heat, Dry, Fan, Sleep, and ECO.

### 5.3. Temperature and Fan Speed Adjustment

Adjust the desired temperature between 61°F and 90°F using the remote or app. Fan speeds can be set to Auto, Low, Mid, or High. The system also features 4D intelligent surround wind for uniform air distribution.

# Rapid Cooling & Heating in Minutes

Application area up to 750 sq.ft



Image: Demonstrates the rapid cooling and heating capabilities of the Alcott Mini Split system, showing blue air for cooling and orange air for heating.

## 5.4. Quiet Operation

The unit operates quietly, with noise levels below 29dB, making it suitable for bedrooms and other quiet spaces.

# Ultra Quiet Operation

## Enjoy a sweet night's sleep



Low Noise  $\leq 29$  dB



Screen Off



Sleep Mode



Timing 0.5–24 H

Image: A person sleeping peacefully in a bedroom with the Alcott Mini Split operating quietly in the background, illustrating its low noise level.

### 5.5. Official Product Videos

Video: An overview of the Alcott Mini Split Air Conditioner, highlighting its features and benefits for home comfort.

Video: Demonstrates the comfortable operation of the Alcott Mini Split AC, showcasing its ability to maintain a pleasant indoor environment.

Video: A brief presentation of the Alcott Air Conditioner, focusing on its key functionalities and design.

## 6. Maintenance

Regular maintenance ensures optimal performance and longevity of your unit.

### 6.1. Self-Cleaning Function

The unit includes a self-cleaning function to eliminate dust and maintain efficiency. Activate this feature periodically as instructed in the detailed user guide.

# Self-Cleaning Technology

Eliminates dust for Hassle-Free Maintenance

Cleaning time  
15 minutes



Removable Filter



Easy to clean

Image: Diagram illustrating the self-cleaning process of the Alcott Mini Split, showing condensation, frost, melting, drying, and cleaning stages.

## 6.2. Filter Cleaning

The air filters are easily removable and washable. Clean them regularly (e.g., every 2-4 weeks, depending on usage) to ensure good air quality and efficient operation. Detachable swing blades also allow for convenient cleaning.

## 7. Troubleshooting

If you encounter issues, refer to the following common troubleshooting steps. For complex problems, contact qualified service personnel.

- **Unit not turning on:** Check power supply, circuit breaker, and ensure the remote control batteries are functional.
- **Insufficient cooling/heating:** Verify temperature settings, ensure filters are clean, and check for any obstructions to airflow.
- **Unusual noises:** Identify the source of the noise. Minor sounds during operation are normal. If loud or

persistent, consult a technician.

- **Water leakage:** Check the drain pipe for blockages or improper installation.
- **Wi-Fi connectivity issues:** Ensure your router is operating on a 2.4 GHz frequency band. Refer to the app's specific connection instructions.

## 8. Specifications

Key technical specifications for the Albott 12,000 BTU Mini Split Air Conditioner and Heater (Model SAC001):



# Comes in 2 boxes &

delivery time may be different per box





32.09" x 7.48" x 11.22"



29.33" x 11.02" x 11.5"



Copper pipe x 2  
13.12 Ft



Drain pipe  
6.56 ft



Communication wires  
14.76 Ft

Rated cooling capacity	12000BTU
Rated heating capacity	12000BTU
SEER2	18 SEER2
Voltage	220V
Frequency	60Hz
Rated cooling/heating power	1020W/992W
Rated current for cooling heating	4.6A/4.5A
Suitable area	Up to 750 sq.ft
Refrigerant	R32 (pre-charged)
Operating Ambient temperature	5~122°F
Set temperature range	61~90°F

Image: Detailed diagram showing the dimensions of the indoor and outdoor units, along with a table of key technical specifications.

Feature	Specification
Model Name	SAC001
Cooling Power	12,000 BTU
SEER2 Rating	18

Voltage	208-230V
Noise Level	29 Decibels
Floor Area Coverage	Up to 750 sq. ft.
Refrigerant	R32
Operating Ambient Temperature	5°F to 122°F
Control Method	App, Remote

## 9. Warranty and Support

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Your Albott Mini Split Air Conditioner and Heater comes with a comprehensive warranty:

- **5-Year Compressor Warranty**
- **7-Year Parts Warranty**

For warranty claims, technical assistance, or any questions regarding your product, please refer to the contact information provided in your purchase documentation or visit the official Albott support website. Please have your model number (SAC001) and proof of purchase ready when contacting support.