

Albott SAC011

Albott 24000 BTU Mini Split Air Conditioner Heat Pump

MODEL: SAC011

1. Important Safety Information

Please read all instructions carefully before installing or operating your Albott Mini Split Air Conditioner Heat Pump. Retain this manual for future reference. Failure to follow these instructions may result in property damage, personal injury, or death.

- **Electrical Safety:** Ensure the unit is connected to a dedicated 220V power supply with proper grounding. Do not use extension cords. All electrical work must be performed by a qualified electrician in accordance with local and national electrical codes.
- **Installation:** Installation should be performed by qualified personnel. Improper installation can lead to water leakage, electric shock, or fire.
- **Refrigerant:** This unit uses R32 refrigerant. Handle with care and ensure proper ventilation during installation and servicing.
- **Maintenance:** Disconnect power before performing any maintenance or cleaning. Do not attempt to repair the unit yourself. Contact qualified service personnel.
- **Children and Pets:** Keep children and pets away from the outdoor unit and ensure they do not play with the remote control.

2. What's in the Box

Verify that all components listed below are present in your package. The unit is shipped in two separate boxes which may arrive at different times.

- Indoor unit
- Outdoor unit
- Instruction manual
- Remote control

- Batteries for remote control
- Hanging plate for indoor unit
- Drain pipe for indoor unit
- Installation dimension drawing
- 14.76 Ft communication wires
- Wall sleeve
- Putty
- Copper connection pipe - air pipe
- Copper connection pipe - liquid pipe
- 8.2 Ft power cord
- Tape
- Wi-Fi USB module



Image: Overview of the Albott 24000 BTU Mini Split Air Conditioner Heat Pump and its included components.



Image: Detailed packing list showing items included in Box 1 (indoor unit, manual, remote, etc.) and Box 2 (outdoor unit, pipes, wires, etc.).

3. Setup and Installation

This section provides a general overview of the installation process. Professional installation by a certified HVAC technician is strongly recommended to ensure proper function and safety.

1. **Site Selection:** Choose appropriate locations for both the indoor and outdoor units, considering factors like air circulation, drainage, noise levels, and structural support. Refer to the installation dimension drawing for specific clearances.
2. **Mounting the Indoor Unit:** Secure the hanging plate to the wall. Connect the refrigerant pipes, drain pipe, and communication wires to the indoor unit. Mount the indoor unit onto the hanging plate.
3. **Mounting the Outdoor Unit:** Place the outdoor unit on a stable, level surface or mount it using a suitable bracket. Connect the refrigerant pipes and communication wires from the indoor unit to the outdoor unit.
4. **Vacuumping and Refrigerant Charging:** Evacuate the refrigerant lines using a vacuum pump to remove air and moisture. This step is critical for system performance and longevity.
5. **Electrical Connections:** Connect the power cord to the outdoor unit and ensure all electrical connections are secure and comply with local codes. Install the Wi-Fi USB module if desired.
6. **Leak Check:** Perform a leak check on all refrigerant connections.
7. **Insulation and Sealing:** Insulate all refrigerant pipes and seal any wall penetrations with putty and tape to prevent air and moisture infiltration.

4. Operating Instructions

Your Albott Mini Split AC offers various modes and smart control options for optimal comfort.

4.1. Remote Control Operation

The included remote control allows direct adjustment of settings from up to 30 feet away. Insert the provided alkaline batteries into the remote control.

REMOTE CONTROL AND FUNCTIONS

Adjust settings from up to 30 feet away



7 Modes



4 Wind Speeds



More Features



Image: Remote control displaying various buttons for mode selection, fan speed, temperature adjustment, and special features.

- **Power On/Off:** Press the power button to turn the unit on or off.
- **Mode Selection:** Cycle through modes: Auto, Cool, Heat, Dry, Fan.
- **Temperature Adjustment:** Use the up/down arrows to set the desired temperature.
- **Fan Speed:** Select from Low, Mid, High, or Turbo fan speeds.
- **Sleep Mode:** Activates quiet operation for nighttime comfort.
- **Eco Mode:** Optimizes energy consumption.
- **4D Auto Swing:** Adjusts airflow direction automatically.
- **24H Timer:** Set a schedule for the unit to turn on or off.
- **Screen Off:** Turns off the display light on the indoor unit.
- **°F/°C:** Toggles between Fahrenheit and Celsius temperature display.

4.2. Wi-Fi Smart Control and Voice Assistant

Control your unit remotely using a smartphone app or voice commands. The first connection requires your smartphone to be on the same Wi-Fi network as the unit.



Image: Illustration showing control via voice assistant (Alexa/Google Assistant), remote control, and a smartphone application.

- **App Control:** Download the dedicated Albott app to your smartphone. Follow the in-app instructions to connect your unit to your home Wi-Fi network. Once connected, you can adjust settings, set schedules, and monitor the unit from anywhere.
- **Voice Control:** Integrate your unit with voice assistants like Alexa or Google Assistant. Use commands such as "Alexa, set the air conditioner temperature to cooling mode" to adjust settings hands-free.

4.3. Operating Modes and Features



Image: Visual representation of the four primary functions: Cool (down to 60°F), Heat (up to 90°F), Dry (42 pints per day), and Fan (4 adjustable wind speeds).

- **Cooling:** Provides rapid cooling, capable of reaching temperatures as low as 60°F.
- **Heating:** Functions as a heat pump, providing heating up to 90°F.
- **Dry (Dehumidification):** Removes excess moisture from the air, with a capacity of up to 42 pints per day.
- **Fan:** Circulates air without heating or cooling, offering four adjustable wind speeds.
- **Quiet Operation:** Designed to operate with minimal noise, as low as 29 decibels, ideal for bedrooms and quiet environments.

SLEEPING MODE

Nighttime Quiet Operation



Noise as
Low as **<29dB** 
Enjoy a sweet night's sleep



Enjoy peaceful, undisturbed sleep with whisper-quiet performance, ideal for bedrooms and relaxation.

Image: A couple sleeping peacefully in a bedroom, illustrating the quiet operation of the Albott Mini Split AC in sleeping mode, with noise levels as low as 29dB.

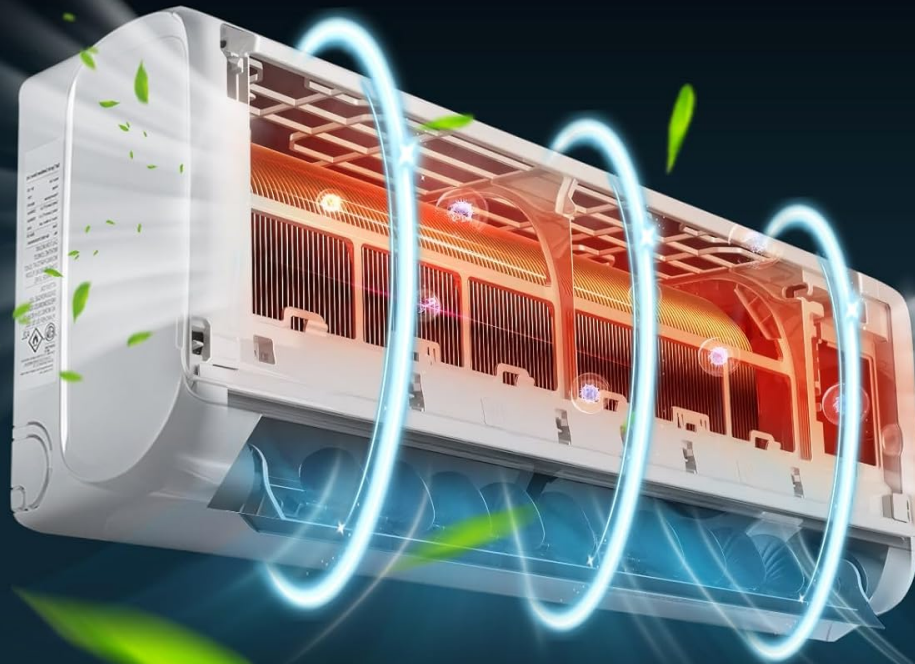
5. Maintenance

Regular maintenance ensures the efficiency and longevity of your Albott Mini Split Air Conditioner Heat Pump.

5.1. Automatic Self-Cleaning

The indoor unit features a self-cleaning function to help remove dust buildup and maintain air quality.

AUTOMATIC SELF-CLEANING FOR HASSLE-FREE MAINTENANCE



135°F Self-Cleaning
Technology

Eliminates Dust
& Bacteria

30-Minute
Automatic Cycle

Reminder to turn on
self-cleaning every
500 hours of operation

Image: Diagram illustrating the self-cleaning process within the indoor unit, highlighting the 135°F self-cleaning technology, dust elimination, and 30-minute automatic cycle.

- The self-cleaning function operates at 135°F to effectively remove dust and inhibit bacterial growth.
- The unit will remind you every 500 hours of operation to activate a 30-minute cleaning cycle.
- To activate, press the 'Clean' button on the remote control or through the smartphone app when prompted.

5.2. General Maintenance Tips

- **Filter Cleaning:** Regularly clean the air filters in the indoor unit (typically every 2-4 weeks, depending on usage). Refer to the full manual for instructions on how to remove and clean filters.
- **Outdoor Unit:** Keep the outdoor unit clear of debris, leaves, and other obstructions to ensure proper airflow.
- **Professional Inspection:** Schedule annual professional inspections and servicing to ensure optimal performance and identify any potential issues.

6. Troubleshooting

This section addresses common issues you might encounter. For more complex problems, contact customer

support.

Problem	Possible Cause	Solution
Unit does not turn on	No power, remote batteries dead, circuit breaker tripped	Check power supply, replace remote batteries, reset circuit breaker.
Insufficient cooling/heating	Dirty air filters, blocked outdoor unit, incorrect mode/temperature setting, low refrigerant	Clean air filters, clear obstructions from outdoor unit, verify settings, contact service for refrigerant check.
Unusual noise	Loose parts, fan obstruction, refrigerant flow noise	Check for loose panels, clear obstructions. Some gurgling/hissing is normal refrigerant flow. If loud or persistent, contact support.
Water leakage from indoor unit	Clogged drain pipe, improper installation	Check and clear drain pipe. If issue persists, professional re-installation may be required.
Wi-Fi connection issues	Incorrect Wi-Fi password, router issues, unit too far from router	Verify Wi-Fi password, restart router, ensure unit is within Wi-Fi range. Re-pair the device if necessary.

7. Specifications

Detailed technical specifications for the Albott 24000 BTU Mini Split Air Conditioner Heat Pump, Model SAC011.

PRODUCT DETAILS



Inside machine model: **24K 220V** Outside machine model: **24K 220V**

Cooling rated power: **2000W** heating rated power: **2000W** Voltage: **220V**

Cooling rated current: **9A** heating rated current: **9A** Frequency: **60Hz**

Cooling energy efficiency: **24000BTU/h** heating energy efficiency: **24000BTU/h**

Image: Diagram showing the dimensions of the indoor and outdoor units, along with key electrical specifications.

Feature	Specification
Model Number	SAC011
Cooling Capacity	24,000 BTU/h
Heating Capacity	24,000 BTU/h
SEER2 Rating	21
Voltage	220 Volts
Wattage	2000 watts
Noise Level	29 Decibels (minimum)
Coverage Area	Up to 1500 Sq. Ft.
Refrigerant Type	R32

Feature	Specification
Indoor Unit Dimensions (D x W x H)	42.87 x 12.91 x 8.94 inches
Outdoor Unit Dimensions (D x W x H)	35.43 x 13.78 x 27.56 inches (approximate, based on image)
Special Features	Auto Clean, Heating & Cooling Function, Inverter Compressor, Sleep Mode, Wi-Fi Enabled



Image: Illustrates rapid cooling (30s Quick Cooling, 24000 BTU) and rapid heating (60s Quick Heating, 24000 BTU) capabilities for the 24000 BTU model.

The image shows a white Albott air conditioner mounted on a wall. Below the unit, there is a graphic highlighting its Seasonal Energy Efficiency Ratio (SEER2*) of 21. A horizontal bar chart shows the SEER2 scale from 16 to 21, with the unit's rating of 21 marked at the end. To the right, a bar chart compares the energy efficiency of R410A and R32 refrigerants, showing that R32 can save up to 40% on energy costs. Below these charts, the text reads: "SEASONAL ENERGY EFFICIENCY RATIO(SEER2) ENERGY STAR CERTIFIED FOR MAXIMUM SAVINGS". At the bottom, four circular icons represent the benefits of R32: Certified Safety, Tested High-Efficiency, Environmental Friendly, and Proper Sizing. The text below the icons states: "R32 Refrigerant Save up to 40% on energy costs SEER2 rating ensures maximum performance while saving energy".

Seasonal Energy Efficiency Ratio (SEER2*)

21

16 18.5 21

R410A R32 40%

**SEASONAL ENERGY EFFICIENCY RATIO(SEER2)
ENERGY STAR CERTIFIED FOR MAXIMUM SAVINGS**

Certified Safety

Tested High-Efficiency

Environmental Friendly

Proper Sizing

R32 Refrigerant Save up to 40% on energy costs
SEER2 rating ensures maximum performance while saving energy

Image: Highlights the Seasonal Energy Efficiency Ratio (SEER2) of 21, indicating Energy Star certification and potential energy savings of up to 40% with R32 refrigerant.

8. Warranty and Support

Albott is committed to providing reliable products and customer service.

- **Warranty Coverage:** This product includes a 5-year parts coverage and an 8-year compressor support. Please refer to the warranty card included with your product for full terms and conditions.
- **Customer Support:** For technical assistance, troubleshooting, or warranty claims, please contact Albott customer support.

Email: support@albott-us.com

Please have your model number (SAC011) and purchase date available when contacting support.

no relevant documents