

Albott SAC011

Albott Mini Split Air Conditioner Heat Pump User Manual

Model: SAC011 | Brand: Albott

PRODUCT OVERVIEW

The Albott Mini Split Air Conditioner Heat Pump (Model SAC011) is an energy-efficient 4-in-1 system designed to provide optimal climate control for rooms up to 450 sq.ft. It offers cooling, dehumidifying, heating, and fan modes, ensuring comfort throughout the year. With its 22 SEER2 rating and Energy Star certification, it helps reduce energy consumption and operating costs. The unit features smart control options via app, voice, or remote, along with convenient functions like a 24-hour timer, turbo mode, and sleep mode.



Figure 1: Albott Mini Split Air Conditioner Heat Pump with included components.

KEY FEATURES

- **Energy Efficiency:** Energy Star certified with 22 SEER2, designed to minimize energy use and lower electricity costs.
- **Smart Control:** Control the unit remotely via a dedicated app, voice commands, or the included remote control for convenient operation.
- **Versatile 4-in-1 Functionality:** Provides cooling, dehumidifying (up to 42 pints/day), heating, and fan modes.
- **User-Friendly Features:** Includes °F/°C display, turbo mode for rapid cooling/heating, sleep mode for optimized overnight comfort, and a 24-hour timer.
- **Eco-Friendly Refrigerant:** Utilizes R32 refrigerant, which has a lower environmental impact.
- **Easy Maintenance:** Equipped with removable, washable filters and modular core components for simplified cleaning and extended lifespan.

The image shows a white Albott Mini Split AC unit mounted on a light blue wall. The unit has a digital display showing '60'. Below the unit, a list of specifications is provided, along with an Energy Star logo. To the right, a bar chart compares the energy efficiency of the unit (22 SEER2) to other units (16 SEER2).

Albott

60

- ✓ 12000 BTU Cooling Capacity
- ✓ 22 SEER2/450sq.ft.
- ✓ Adjustable Temp. (60°F-90°F)
- ✓ R32 Refrigerant

Energy Star

HIGH ENERGY EFFICIENCY

16 SEER2

22 SEER2

OTHERS

OURS

Figure 2: High energy efficiency and key specifications of the Albott Mini Split AC.

WHAT'S IN THE BOX

Your Albott Mini Split Air Conditioner Heat Pump package includes the following components:

- Indoor unit
- Instruction manual
- Batteries
- Remote control
- Hanging plate for the back of the indoor unit
- Drain pipe for inner unit
- Installation dimension drawing
- 14.76 Ft communication wires
- Outdoor unit

- Wall sleeve
- Putty
- Copper connection pipe - air pipe
- Copper connection pipe - liquid pipe
- 8.2 Ft power cord
- Tape
- WiFi USB

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.

Figure 3: Detailed view of components included in the Albott Mini Split AC package.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your Albott Mini Split Air Conditioner. It is highly recommended that installation be performed by a qualified professional.

Installation Video Guide

For a comprehensive visual guide on the installation process, please refer to the official installation video provided by the manufacturer:

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Video 1: Official installation guide for Albott Mini Split Air Conditioner. This video covers preparation, indoor unit installation, outdoor unit installation, and trial operation.

Key Installation Considerations

- **Location Selection:** Choose a hard, flat, and firm wall for the indoor unit to prevent vibration and noise. Ensure adequate clearance from obstacles (e.g., >15cm to ceiling, >20cm to sides, 230-260cm from floor).
- **Wall Hole Drilling:** When drilling the wall hole for piping, ensure it is inclined outward by 5-10 degrees with a diameter of 60-80mm. Use an anti-dust bag and avoid wires, plumbing, and gas lines.
- **Piping and Wiring:** Carefully connect refrigerant piping and electrical cables according to the provided diagrams. Ensure all connections are secure and properly insulated.
- **Drain Hose:** Ensure the drain hose is sloped downwards to prevent water accumulation and leakage. Never submerge the end of the drain hose in water.
- **Outdoor Unit Placement:** The outdoor unit must be installed on a firm, flat surface to prevent vibration and noise. Maintain specified clearances from obstructions (e.g., >20cm top, >10cm side, >30cm front/back, >200cm air out side).
- **Vacuumizing:** Before opening refrigerant valves, vacuumize the system for at least 15 minutes until the pressure gauge reads $\leq 0.1\text{MPa}$. Maintain pressure for 3-5 minutes to check for leaks (pressure springback $\leq 0.05\text{MPa}$).



Figure 4: Indoor and outdoor unit dimensions and recommended installation clearances.

OPERATING INSTRUCTIONS

The Albott Mini Split Air Conditioner offers multiple operating modes and convenient control options to ensure your comfort.

Control Options

- **Remote Control:** Use the included remote to adjust temperature, change modes, set timers, and activate special functions.
- **WiFi App Control:** Connect the unit to your home WiFi network and control it from anywhere using the dedicated mobile application. This allows for advanced scheduling and monitoring.
- **Voice Control:** Integrate with compatible smart home assistants for hands-free operation.



Figure 5: Multiple control options for your convenience.

Operating Modes

- **Cooling Mode:** Provides powerful cooling, adjustable from 60°F-90°F, ideal for hot weather.
- **Dehumidifying Mode:** Effectively removes excess moisture from the air, with a capacity of up to 42 pints per day, improving indoor air quality and comfort.
- **Heating Mode:** Delivers warmth during colder periods, adjustable up to 90°F.
- **Fan Mode:** Circulates air without heating or cooling, offering adjustable fan speeds (Auto/High/Medium/Low).



Figure 6: The versatile 4-in-1 functionality of the Albott Mini Split AC.

Special Functions

- **Turbo Mode:** Activates maximum cooling or heating power for rapid temperature adjustment.
- **Sleep Mode:** Adjusts temperature and fan speed automatically during the night for quiet and comfortable sleep, optimizing energy consumption.
- **24-Hour Timer:** Program the unit to turn on or off at specific times within a 24-hour period.
- **Self-Cleaning:** An automatic function that helps clean the indoor unit's evaporator coil, preventing mold and odor buildup.
- **4-Way Swing:** Allows for automatic horizontal and vertical airflow adjustment to distribute air evenly.



Figure 7: Enhance your comfort with these convenient features.

Product Overview Video

Watch this video for a quick overview of the Albott Mini Split Air Conditioner Heat Pump's features and benefits:

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Video 2: A brief overview of the Albott Mini Split Air Conditioner Heat Pump.

MAINTENANCE

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

- **Filter Cleaning:** The unit features removable and washable filters. Clean them regularly to maintain optimal airflow and air quality.
- **Modular Components:** The design includes modular core components for quick disassembly, making routine cleaning and servicing simpler.

- **Automatic Flushing Function:** The unit has an automatic flushing function for internal cleaning. Operate via remote control when the unit is off; the "CL" indicator on the internal unit display shows it is in operation.



Figure 8: Easy access for cleaning filters and internal components.

TROUBLESHOOTING

If the unit encounters an issue, the display may show a fault code. Refer to the detailed user manual for specific error codes and their corresponding troubleshooting steps.

For common issues not related to fault codes, ensure the unit is properly powered, filters are clean, and there are no obstructions to airflow.

SPECIFICATIONS

Attribute	Value
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Attribute	Value
Brand Name	Albott
Model Info	SAC011
Cooling Power	12000 British Thermal Units (BTU)
Seasonal Energy Efficiency Ratio (SEER)	22.0 SEER2
Voltage	115 Volts
Wattage	1040 watts
Item Weight	24 pounds
Product Dimensions (Indoor Unit)	29.92 x 11.61 x 7.9 inches
Noise Level	29 dB (Mute mode)
Recommended Floor Area	Up to 450 Square Feet
Special Features	Inverter Compressor, Heating & Cooling Function, WiFi Enabled, 4 Way Swing, Auto Clean
Refrigerant Type	R32

WARRANTY AND SUPPORT

The Albott Mini Split Air Conditioner Heat Pump comes with a manufacturer's warranty:

- 5 years on parts
- 8 years on the compressor

For technical support, warranty claims, or any inquiries regarding your product, please refer to the contact information provided in your included instruction manual or visit the official Albott website.

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Documents - Albott – SAC011
no relevant documents