

Albott SAC011

Albott 9000 BTU Mini Split Air Conditioner Heat Pump User Manual (Model: SAC011)

Comprehensive instructions for installation, operation, and maintenance of your Albott mini split system.

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your Albott 9000 BTU Mini Split Air Conditioner Heat Pump. This inverter ductless AC system offers cooling, heating, dehumidifying, and fan modes, designed for spaces up to 450 sq. ft. It features energy-efficient operation with an 18.5 SEER2 rating and includes a self-cleaning function for easy maintenance.



Figure 1: Albott 9000 BTU Mini Split Air Conditioner Heat Pump and included accessories.

2. IMPORTANT SAFETY INFORMATION

WARNING: Risk of Fire. Flammable Refrigerant Used. To Be Repaired ONLY By Trained Service Personnel. Do Not Puncture Refrigerant Tubing. Dispose Of Properly In Accordance With Federal Or Local Regulations.

- Installation and servicing of this equipment should only be performed by qualified, licensed HVAC technicians.
- Ensure proper grounding to prevent electrical shock.
- Do not install or operate the air conditioner until the power is off for at least five minutes.
- Keep the area around the outdoor unit clear of obstructions to ensure proper airflow.
- Avoid installing near heat sources, steam sources, or areas with flammable/explosive gases.

3. WHAT'S IN THE BOX

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

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Figure 2: All components included in the Albott Mini Split Air Conditioner package.

4. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. It is recommended that installation be performed by a licensed professional.

4.1 Pre-Installation Checks

- Ensure the installation location for the indoor unit is hard, flat, and firm to avoid vibration and noise.
- Maintain adequate clearance around both indoor and outdoor units for proper airflow. Refer to the dimension drawing for specific clearances.
- Avoid installing near heat sources, steam sources, or in areas with smoke, oil, flammable, or corrosive gases.



Figure 3: Recommended clearances for indoor unit installation.

4.2 Indoor Unit Installation

1. Remove the mounting bracket from the back of the indoor unit.
2. Use the provided paper pattern/template to identify the exact location for drilling holes for the mounting bracket and piping.
3. Drill screw holes in the corresponding positions and insert expansion tubes.
4. Securely mount the bracket on the wall using expansion screws.
5. Drill a wall hole for the refrigerant pipes, ensuring it is inclined outward by 5-10 degrees with a diameter of 60-80mm. Use an anti-dust bag to collect debris.
6. Confirm the direction for placing the air conditioning ducts and remove the knock-out panel with a knife, removing any burrs to prevent damage to the drain pipe.
7. Pass the communication cable through the hole on the back of the indoor unit and connect the wires to the terminal board according to the color-coded wiring diagram. Secure the wires with the fixing plate.
8. Connect the drain hose to the water outlet pipe, ensuring a tight fit.
9. Line up all wires and pipes neatly, wrap them together with plastic tapes, and pass them through the wall hole.
10. Hang the indoor unit on the mounting plate, ensuring it clicks firmly into place.
11. Use pipe protection rings and putty to seal the wall hole around the pipes.

Your browser does not support the video tag.

Video 1: Detailed installation guide for the split air conditioner, including indoor unit setup and wiring.

4.3 Outdoor Unit Installation

1. Place the outdoor unit in a suitable location, either on a wall bracket (purchased separately) or directly on the ground. Ensure the location is firm and flat to prevent vibration and noise.
2. Maintain adequate clearance around the outdoor unit. Refer to the dimension drawing for specific clearances.
3. Connect the two refrigerant pipes (gas and liquid) to the outdoor unit, ensuring the joints fit snugly and are tightened with a wrench.
4. Remove the electrical box cover by unscrewing the three screws.
5. Pass the power cable wires through the cover hole (usually the right-hand hole) and fix the wires to the terminal board according to the wiring diagram. Secure the fixing plate.

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Video 2: Detailed installation guide for the split air conditioner, including outdoor unit setup and wiring.

4.4 Vacuuming and Refrigerant Release

1. Connect the stop valve, charging hose, manifold valve, and vacuum pump as shown in the diagram.
2. Vacuumize the system for at least 15 minutes, ensuring the pressure gauge value is $\leq -0.1\text{MPa}$ (-76cmHg / $500\mu\text{m}$).
3. Maintain the pressure for 3-5 minutes after vacuumizing. The pressure springback should be $\leq 0.05\text{MPa}$.
4. Open the 1/4 liquid valve and remove the charging hose.
5. Using an Allen wrench, open all the liquid valves and gas valves. Finally, retighten the three caps.

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Video 3: Detailed installation guide for the split air conditioner, including vacuuming and refrigerant release.

5. OPERATING INSTRUCTIONS

Your Albott Mini Split system offers multiple modes and features for optimal comfort control.

5.1 Remote Control Functions

The remote control allows you to adjust settings from up to 30 feet away. It features buttons for mode selection, temperature adjustment, fan speed, and special functions.

DETACHABLE DUST FILTER

Easy removal, cleaning quick and hassle-free cleaning.

Keeps Air Cleaner

Traps dust and particles, ensuring fresher air circulation.

Enhanced Durability

Protects internal components, prolonging the life of air conditioner.



Figure 4: Remote control for Albott Mini Split Air Conditioner.

5.2 Operating Modes

- **Cooling Mode:** Provides efficient cooling to maintain desired room temperature.
- **Heating Mode:** Functions as a heat pump to warm your space.
- **Dehumidifying Mode:** Reduces humidity levels in the air.
- **Fan Mode:** Circulates air without cooling or heating.
- **Auto Mode:** Automatically selects the appropriate mode based on the set temperature and ambient conditions.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep while conserving energy.
- **Eco Mode:** Optimizes energy consumption for cost savings.

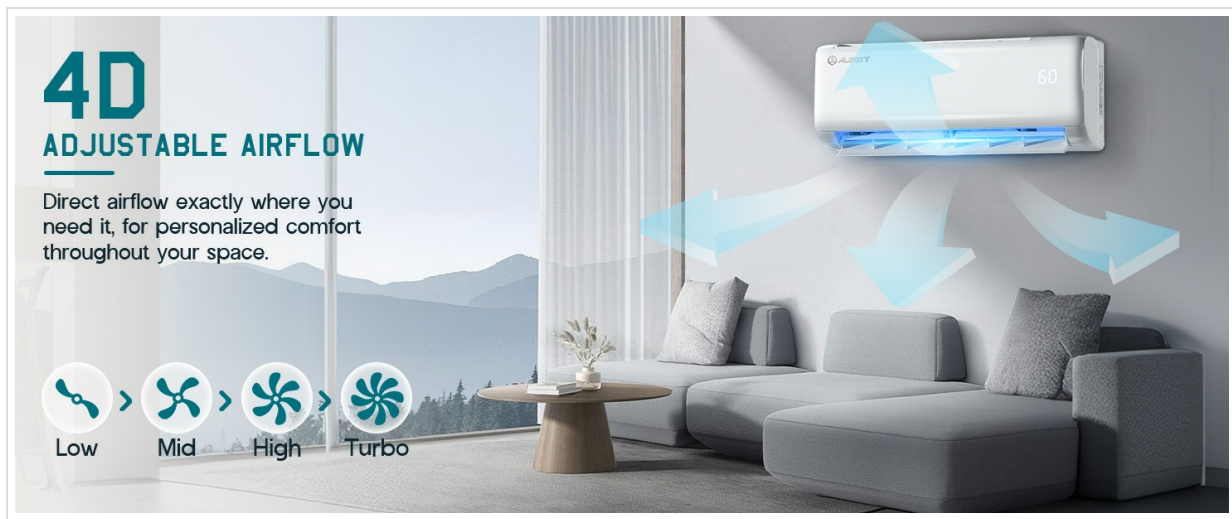


Figure 5: The 4-in-1 functionality of the Albott Mini Split system.

5.3 Temperature and Fan Speed Adjustment

- Adjust temperature settings between 60°F and 90°F using the remote control.
- Select from Low, Mid, High, or Turbo fan speeds to control airflow intensity.
- Utilize the 4-way swing function for personalized airflow direction.

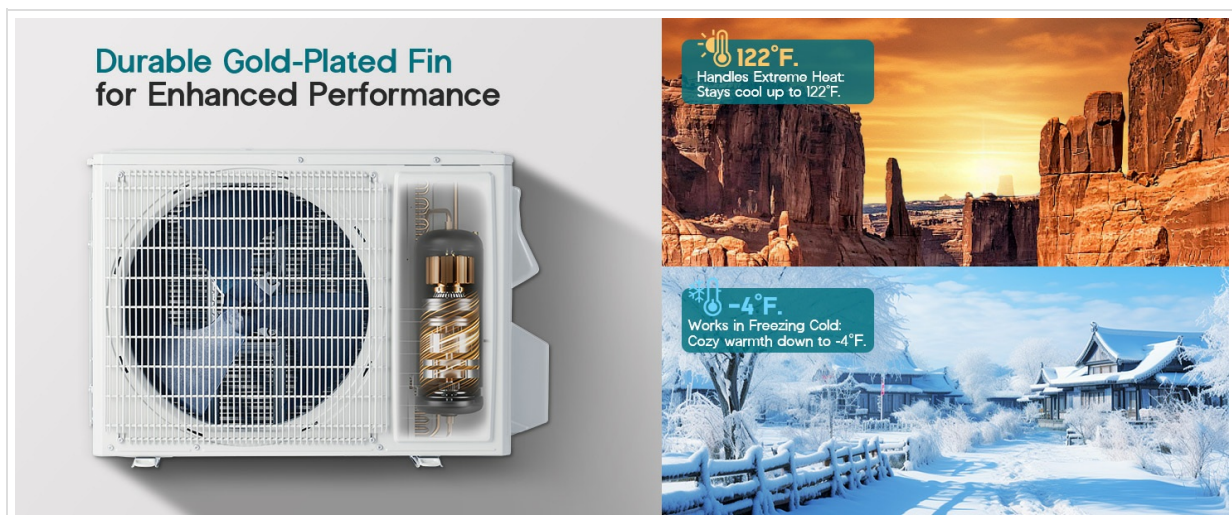


Figure 6: 4D Adjustable Airflow for optimal comfort.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your unit.

6.1 Self-Cleaning Function

The unit features a 135°F self-cleaning function to help remove dust buildup. A reminder will appear every 500 hours of operation to activate the 30-minute self-cleaning cycle.

PRODUCT DETAILS

Voltage: **220V** Frequency: **60Hz**

Inside machine model: **9K 220V**

Outside machine model: **9K 220V**

Cooling rated power: **800W**

heating rated power: **750W**

Cooling rated current: **3.5A**

heating rated current: **3.3A**

Cooling energy efficiency: **9000Btu/h**

heating energy efficiency: **9200Btu/h**



◀ copper wire
60.5"

Figure 7: Self-cleaning technology for hassle-free maintenance.

6.2 Detachable Dust Filter

The detachable dust filter can be easily removed for quick and hassle-free cleaning. Regular cleaning of the filter helps trap dust and particles, ensuring fresher air circulation and enhanced durability of internal components.



Figure 8: Detachable dust filter for easy cleaning.

7. SPECIFICATIONS

Feature	Detail
Brand	Albott
Model Info	SAC011
Cooling Power	9000 British Thermal Units
Heating Capacity	9200 BTU
Coverage Area	Up to 450 Square Feet
Seasonal Energy Efficiency Ratio (SEER2)	18.5
Voltage	220 Volts
Wattage	800 watts

Noise Level	29 Decibels
Product Dimensions	29.92"D x 11.61"W x 7.9"H
Special Features	4 Way Swing, Auto Clean, Dust Filter, Fast Cooling, Heating & Cooling Function



**WHISPER-QUIET OPERATION
FOR PEACEFUL SPACES**

NOISE LEVELS AS LOW AS 29 DB

SLEEP WORK STUDY CALLS

Figure 9: Product dimensions and technical specifications.

8. WARRANTY AND SUPPORT

For any product inquiries, technical support, or warranty claims, please contact Albott customer service. A customer review mentioned that Albott provides prompt responses and resolutions. You can reach them at: support@albott-us.com.

