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> [ACONEE 12000 BTU 19 SEER Ductless Mini-Split Air Conditioner Heat Pump Instruction Manual](#)

ACONEE 2vobmC-sJ3J2vRJju_RVQAvdFIdz

ACONEE 12000 BTU 19 SEER Ductless Mini-Split Air Conditioner Heat Pump Instruction Manual

Model: 2vobmC-sJ3J2vRJju_RVQAvdFIdz

PRODUCT OVERVIEW

The ACONEE 12000 BTU 19 SEER Ductless Mini-Split Air Conditioner Heat Pump is a versatile 3-in-1 system designed for efficient cooling, heating, and dehumidifying. This unit is engineered to provide optimal indoor comfort year-round with quiet operation and energy-saving inverter technology.

- **Powerful Cooling & Heating:** 12,000 BTU capacity effectively cools and heats areas up to 1250 sq ft, maintaining temperatures between 61°F and 88°F.
- **4-in-1 Comfort:** Offers Cool, Heat, Dry (dehumidifying), and Fan modes for comprehensive climate control.
- **Energy Efficient:** Features a 19 SEER2 rating and inverter compressor technology for reduced energy consumption.
- **Quiet Operation:** Indoor unit operates as low as 23dB(A) in sleep mode, and the outdoor unit at 42 dB(A), ensuring minimal disturbance.
- **Durable Design:** Equipped with Gold-fin condenser coils, an anti-corrosive base-pan, and automatic defrost for reliable performance in various weather conditions (-7°F to 122°F).



Image: ACONEE Mini-Split Air Conditioner maintaining optimal indoor comfort, showing quick cooling to 60°F and heating to 89°F for up to 750-1250 sq.ft.



Image: ACONEE Mini-Split Air Conditioner highlighting its dual cooling (12000 BTU) and heating (12500 BTU) functions.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your ACONEE Mini-Split system. This section provides an overview of the installation process. It is recommended to consult a professional HVAC technician for installation to ensure safety and compliance with local codes.

Installation Video Guide

Your browser does not support the video tag.

Video: Detailed installation guide for the ACONEE SEER 19 Series split air conditioner, covering indoor and outdoor unit setup, wiring, and vacuum procedures.

Indoor Unit Installation

- Preparation:** Ensure the wall for the indoor unit is hard and firm to prevent vibration. Reserve adequate space: 15cm above the ceiling, 20cm to side walls, and 230-260cm from the floor.
- Mounting Plate:** Drill holes and fasten the pegboard horizontally and vertically using appropriate screws.
- Wall Hole:** Create a wall hole (typically 60-80mm diameter) for piping, slanting it 5-10 degrees downward. Avoid pre-buried power wires.
- Wiring:** Open the indoor unit cover, pass the power cable out from the back, and fix it on the terminal board with a clamp.
- Drain Pipe Preparation:** Remove the knock-out panel with a knife and remove burrs to ensure proper drainage. Turn the pipe in the desired direction.
- Connect Pipes:** Connect the connecting pipe to the indoor unit. Aim at the pipe center, tighten the taper nut with fingers, then use a torque wrench according to the provided table. Carefully check for any damage to joints. Joints should not be reused after re-flaring.
- Insulation:** Use the insulation sleeve to wrap the joint part of the indoor unit and the connection pipe. Use insulating material to pack and seal the insulation pipe to prevent condensate water generation on the joint part.

8. **Drain Hose:** Connect the water outlet with drain pipes, ensuring the connection pipes, cables, and drain hose are straight. Use plastic cable ties to wrap them, running the pipe sloping downward.
9. **Mounting:** Put the refrigerant piping out of the wall hole. Hang the indoor unit on the peg board, moving it from left to right to ensure the hook is properly positioned. Push toward the lower left side and the upper right side until the hook is embedded in the slot and makes a click sound.
10. **Seal Wall Hole:** To protect piping and wires, install a pipe protecting ring and seal it with putty.

Outdoor Unit Installation

1. **Placement:** The outdoor unit should fulfill the requirements in the instruction manual regarding space to obstructions (e.g., 50cm above, 30cm to sides, 200cm air out side).
2. **Mounting Bracket:** Use at least 6 expansion bolts to fix the mounting brackets firmly on the wall. Ensure the brackets are level.
3. **Secure Unit:** Put the outdoor unit onto the brackets. Use 4 screws to fix the feet of the outdoor unit to the brackets.
4. **Connect Pipes to Outdoor Unit:** Remove the nut from the stop valves. Aim at the pipe center of the stop valve, tighten the taper nut with fingers, then tighten with two wrenches. Ensure to retighten to prevent potential air leakage.
5. **Electrical Connections:** Remove the electrical box cover. Connect the cables respectively to the corresponding terminals of the terminal board of the outdoor unit, following the wiring diagram (provided on the unit). If signals are connected to the plug, conduct a butt joint. Remove the grounding screw out of the electric bracket, cover the grounding wire end onto the grounding screw, and screw it into the grounding hole. Fix the cables reliably with fasteners (pressing board). Put the E-parts cover back in its original place and fasten it with screws.
6. **Vacuum Procedure:** Before working on the air conditioner, remove the cover of the stop valve. Connect the stop valve, charge hose, manifold, and vacuum pump as per the diagram. Fully open the handle Lo of the manifold valve and apply vacuum for at least 15 minutes. Check that the compound vacuum gauge reads - 0.1MPa (-76cmHg). After applying vacuum, fully open the stop valve with a hex wrench. Screw all the caps and tighten them up.

OPERATING INSTRUCTIONS

Your ACONEE Mini-Split system offers multiple operating modes to suit your comfort needs.

- **Cool Mode:** Provides powerful cooling to quickly lower room temperatures.
- **Heat Mode:** Delivers efficient heating, even in cold outdoor conditions.
- **Dry Mode (Dehumidifying):** Reduces humidity levels in the room for a more comfortable environment.
- **Fan Mode:** Circulates air without cooling or heating.
- **Temperature Control:** Set your desired temperature between 61°F and 88°F.
- **Sleep Mode:** Operates at a reduced noise level (as low as 23dB) for undisturbed rest.
- **Timer Function:** Utilize the 0-24H timer for scheduled operation.
- **Screen Off:** Option to turn off the display screen for minimal light disturbance.
- **Mute Mode:** Further reduces operational sounds for ultra-quiet performance.

FUNCTIONAL&SLEEK

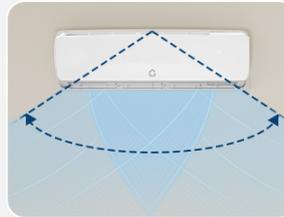
Detailed functional features enhance the split air conditioner's utility and your satisfaction.



Dehumidifier



Up & Down Air Swing



Left & Right Air Swing



Eco Energy Saving

Image: ACONEE Mini-Split Air Conditioner in a bedroom, illustrating features for tranquil night sound sleep, including a noise level of 23dB in Mute Mode.

MAINTENANCE

Regular maintenance ensures the efficiency and longevity of your ACONEE Mini-Split system.

Filter Cleaning

1. **Access Filters:** Open the front panel of the indoor unit.
2. **Remove Filters:** Carefully remove the air filters.
3. **Clean Filters:** Wash the filters with lukewarm water and a mild detergent. Rinse thoroughly and allow them to air dry completely before reinstallation.
4. **Reinstall Filters:** Place the dry filters back into the unit and close the front panel.

General Care

- **Outdoor Unit:** The outdoor unit features Gold-fin condenser coils, an anti-corrosive base-pan, and automatic defrost for enhanced durability and reduced maintenance. Keep the area around the outdoor unit clear of obstructions to ensure proper airflow.
- **Seasonal Checks:** Before the start of each cooling or heating season, inspect the outdoor unit for any debris or blockages and clean as necessary.

TROUBLESHOOTING

This section provides guidance on common issues you might encounter with your ACONEE Mini-Split system.

Common Issues and Solutions

- **Electricity Leakage:** If you detect any electricity leakage during operation, immediately turn off the power supply to the unit and contact a qualified technician for further examination and repair.
- **Water Drainage:** During trial operation, pour 500ml of water along the evaporator (about 20 seconds) to check if water drains normally and if there is any leakage around the indoor unit. Ensure the drain hose is clear and properly sloped.
- **Unusual Noises or Odors:** If the unit produces unusual noises or odors, turn it off and contact customer

support.

- **Reduced Performance:** Check if air filters are clean. Ensure no obstructions are blocking the indoor or outdoor unit's airflow. Verify that the set temperature is appropriate for the room size and conditions.

Important: Do not install or repair the air conditioner by yourself as wrong installation or maintenance may cause electric shock or fire. Please contact a professional technician to save your time and money.

SPECIFICATIONS

Feature	Specification
Brand	ACONEE
Model Number	2vobmC-sJ3J2vRJju_RVQAvdFldz
Cooling Power	12000 British Thermal Units (BTU)
Heating Capacity	12500 BTU
SEER Efficiency	19 SEER2
Voltage	230V
Noise Level (Outdoor)	42 Decibels
Noise Level (Indoor, Sleep Mode)	23 Decibels
Item Weight	89.3 pounds
Product Dimensions	40.39 x 12.56 x 9.02 inches
Floor Area Coverage	Up to 1250 Square Feet
Special Features	Inverter Compressor, 4-in-1 (Cool, Heat, Dry, Fan)
Included Components	Installation Kit (including 10ft pre-flared copper line set)



Image: Detailed specifications table for various ACONEE Mini-Split models, including BTU, refrigerant type, airflow volume, dimensions, weight, and ambient temperature ranges for both indoor and outdoor units.

WARRANTY AND SUPPORT

ACONEE is committed to providing reliable products and customer satisfaction.

Protection Plans

Extended protection plans are available for purchase to safeguard your investment:

- 3-Year Protection Plan
- 4-Year Protection Plan
- Complete Protect: A monthly plan covering eligible past and future purchases.

For details on coverage and terms, please refer to the specific protection plan documentation.

Customer Support

For any questions, technical assistance, or warranty claims, please contact ACONEE customer support. Contact information can typically be found on the product packaging or the official ACONEE website.