

ACONEE PC0N

ACONEE PC0N 19 SEER Inverter Smart Mini Split AC/Heating System User Manual

Model: PC0N

1. INTRODUCTION

Welcome to the user manual for your new ACONEE PC0N 19 SEER Inverter Smart Mini Split AC/Heating System. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your system. Please read it thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to the unit.

General Safety

- Ensure the power supply matches the unit's specifications.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.
- Keep children and pets away from the unit during operation.

Electrical Safety

- Do not operate with wet hands.
- Unplug the unit before cleaning or maintenance.
- Ensure proper grounding.

3. PRODUCT COMPONENTS

Your ACONEE Mini Split AC/Heating System includes the following main components:

- 1 x Wall mount air handler (Indoor Unit)
- 1 x Outdoor condenser (Outdoor Unit)
- 1 x Pre-flared and insulated copper line set
- 1 x Communication wires

- 1 x Drainage extension with small accessories
- 1 x Remote Control



Image: Overview of the ACONEE Mini Split AC/Heating System, showing the indoor unit, outdoor unit, remote control, and various installation accessories including copper lines, communication wires, and drainage extension.

4. SETUP AND INSTALLATION

Installation of this mini-split system requires professional knowledge and tools. It is highly recommended to have a certified HVAC technician perform the installation to ensure proper function and safety. Incorrect installation can lead to refrigerant leaks, electrical shock, or fire.

Pre-Installation Checklist

- Verify power supply voltage (115 Volts).
- Ensure adequate space for both indoor and outdoor units, allowing for proper airflow and maintenance access.
- Confirm all included components are present.

- Acquire necessary tools, including a vacuum pump and gauges for line clearing.

Installation Steps (Overview)

1. **Indoor Unit Placement:** Select a suitable wall location, ensuring it is strong enough to support the unit's weight and allows for proper air distribution.
2. **Outdoor Unit Placement:** Choose a stable, level surface outdoors, away from direct sunlight or obstructions, with sufficient clearance for airflow.
3. **Line Set Connection:** Connect the pre-flared copper line set between the indoor and outdoor units. Ensure connections are tight to prevent refrigerant leaks.
4. **Electrical Wiring:** Connect communication wires and power supply according to the wiring diagram provided in the full installation manual. This step requires a qualified electrician.
5. **Vacuuming the Lines:** Evacuate the refrigerant lines using a vacuum pump to remove air and moisture. This is a critical step for system efficiency and longevity.
6. **Refrigerant Release:** Once lines are vacuumed, release the pre-charged R-32 refrigerant from the outdoor unit into the system.
7. **Drainage Connection:** Connect the drainage extension to the indoor unit's condensate drain to ensure proper water removal.
8. **Leak Check:** Perform a thorough leak check on all connections.

4 in 1 Split Air Conditioner



Heating
up to 90 °F



Cooling
Down to 60 °F



Fan
Low/Medium/
High/Auto Speed



Dry
36 Pints/Day



Image: A diagram illustrating the dimensions of the indoor and outdoor units, and the connection of the pre-flared and insulated copper line set, communication wires, and drainage extension. This image provides a visual guide for component placement and connection.

5. OPERATING INSTRUCTIONS

Your ACONEE Mini Split system offers multiple operating modes and smart control options.

Control Methods

- **Remote Control:** Use the included wireless remote for direct control of modes, temperature, fan speed, and other functions.
- **Smartphone App:** Download the dedicated app to control the unit remotely via Wi-Fi. This allows control from anywhere with an internet connection.
- **Voice Control:** Compatible with Alexa and Google Assistant for convenient voice commands.

Smart Control System

WIFI Control and AI Voice Control

Control it from virtually anywhere

Alexa, turn on the split air conditioner

alex

Image: Depicts the smartphone app interface for controlling the ACONEE Mini Split system, alongside an Amazon Echo device, illustrating its compatibility with Alexa for voice control. This highlights the smart control features.

Operating Modes

The system features 5 primary working modes:

- **Auto Mode:** Automatically selects cooling or heating based on the set temperature and ambient room temperature.
- **Cool Mode:** Provides cooling to lower the room temperature. Can cool down to 60°F.
- **Heat Mode:** Provides heating to raise the room temperature. Can heat up to 89°F.
- **Dry Mode (Dehumidification):** Reduces humidity in the room, removing up to 36 pints per day.
- **Fan Mode:** Circulates air without cooling or heating. Adjustable fan speeds (Low, Medium, High, Auto).

Fast Cooling/Heating



Image: Illustrates the fast cooling and heating capabilities of the ACONEE Mini Split, showing air flow for cooling down to 60°F and heating up to 89°F. Two individuals are shown comfortably in a room, one using a laptop and the other drinking a beverage, demonstrating the system's effectiveness.

Special Functions

- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep, often increasing temperature slightly during cooling or decreasing during heating over time. Operates quietly at 27 dB.
- **ECO Mode:** Optimizes operation for energy efficiency, reducing power consumption.

- **iFEEL Function:** The remote control has a temperature sensor that allows the unit to adjust the temperature based on the remote's location, providing more precise comfort.
- **Turbo Function:** Provides rapid cooling or heating to quickly reach the desired temperature.

Sleep Mode and Gentle cool wind blades

Quiet Environment and Cozy Air



Image: Shows a person sleeping peacefully, with arrows indicating gentle airflow from the indoor unit. Text highlights the quiet operation at 27 dB and the "Sleep Mode" feature, emphasizing a quiet and cozy environment.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your ACONEE Mini Split system.

Filter Cleaning

The indoor unit features a washable filter. Clean the filter regularly (e.g., every 2-4 weeks, depending on usage) to maintain air quality and efficiency.

- Open the front panel of the indoor unit.
- Remove the air filters.
- Wash filters with lukewarm water and mild detergent.
- Rinse thoroughly and allow to air dry completely before reinserting.

Ready to Use



Bedroom Living room Office

You will receive 2 Boxes & may be delivered on different days



Image: A cutaway view of the indoor unit showing the "Distributed Healthy Filter System." It highlights the top-opened filter and various healthy filters including Silver Ion, Active Carbon, and Catechin filters, as well as a 6-in-1 filter system (Photocatalyst, Active Carbon, Anti-dust static, Catechin, Silver Ion, Vitamin C). This illustrates the multi-stage filtration for improved air quality.

Self-Cleaning Function

The unit has a self-cleaning feature that operates at 134.6°F (57°C) to clean the interior coil and prevent mold and bacteria buildup. Refer to your remote control or app instructions to activate this function.

Outdoor Unit Maintenance

- Keep the area around the outdoor unit clear of debris, leaves, and snow to ensure proper airflow.
- The outdoor unit features automatic defrost to prevent ice buildup in cold weather, increasing energy efficiency.
- Periodically inspect the outdoor coil for dirt and clean gently with water if necessary.

7. TROUBLESHOOTING

Before contacting customer support, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; circuit breaker tripped.	Check power connection; reset circuit breaker.
Insufficient cooling/heating.	Dirty air filter; blocked outdoor unit; incorrect mode setting; low refrigerant.	Clean air filter; clear obstructions from outdoor unit; select correct mode; contact technician for refrigerant check.
Unusual noise.	Loose parts; foreign object in fan; unit not level.	Inspect for loose parts; remove foreign objects; ensure unit is level. If noise persists, contact support.
Water leakage from indoor unit.	Clogged drain pipe; improper installation.	Check and clear drain pipe; contact installer for inspection.
Remote control not working.	Dead batteries; obstruction between remote and unit.	Replace batteries; remove obstructions.

8. SPECIFICATIONS

Feature	Detail
Model Number	PC0N
Cooling Capacity	9000 BTU (10000 British Thermal Units)
SEER Rating	19 SEER
Voltage	115 Volts
Noise Level (Indoor)	34 dB (as low as 27 dB in Sleep Mode)
Refrigerant Type	R-32
Product Dimensions (Indoor Unit)	34.84"D x 14.4"W x 10.94"H
Item Weight	23.8 pounds
Recommended Coverage Area	Up to 450 Square Feet
Special Features	Inverter Compressor, Remote Controlled, WiFi Enabled, Heating And Cooling Function, Self-Cleaning, Auto Defrost

9. WARRANTY AND SUPPORT

ACONEE provides the following warranty and support for your product:

- **Warranty:** 2 Year Warranty.
- **Maintenance:** 12 Months Free Maintenance.
- **Returns:** 30 days Unreasonable Return policy.
- **Parts Replacement:** Available.

- **Technology Support:** Your doubts and questions will be responded to within 24 hours.




Image: Displays information about ACONEE's customer support, including email support within 12 hours, 30 days unreasonable return, and 12 months free maintenance and technology support. This reinforces the brand's commitment to customer service.

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Related Documents - PC0N

	<p>ACONEE 13x25 FT Carport User Manual & Assembly Guide</p> <p>Comprehensive user manual and assembly guide for the ACONEE 13x25 FT heavy-duty carport. Includes parts list, step-by-step instructions, and support contact information.</p>
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