Dreo AC318S

Dreo Portable Air Conditioner AC318S User Manual

Model: AC318S

Introduction

Thank you for choosing the Dreo Portable Air Conditioner AC318S. This manual provides essential information for the safe operation, installation, maintenance, and troubleshooting of your new air conditioner. Please read it thoroughly before use and keep it for future reference.



Image: Dreo Portable Air Conditioner AC318S, showcasing the unit, its remote control, and the mobile application interface. The unit is white with a central digital display.

Important Safety Information

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury. This includes:

- Read all instructions before using the appliance.
- Ensure the power supply matches the voltage specified on the appliance.
- Do not operate the appliance with a damaged cord or plug.
- Keep the appliance away from water and other liquids.

- Do not block air openings.
- Unplug the appliance when not in use or before cleaning.

Product Overview

The Dreo AC318S is a versatile portable air conditioner designed for efficient cooling, dehumidification, and air circulation. It features smart controls and a quiet operation.



Image: Diagram showing the dimensions of the Dreo Portable Air Conditioner AC318S (Height: 24.8", Width: 13.98", Length: 15.16") and its exhaust hose (12.9" to 59" extendable).

Key Features:

- **Ultra Powerful IceCool System:** Provides rapid cooling with a maximum reach of 14 feet and optimum coverage for up to 150 sq ft.
- **Patented Noise Isolation System:** Reduces operating noise to a quiet 45dB, suitable for bedrooms and workspaces.
- **True Drainage-Free System:** Automatically evaporates excess water in environments up to 90% humidity, eliminating manual drainage.
- **Smart Climate Control:** Compatible with Siri, Amazon Alexa and Google Home, and controllable via the DREO app for customized cooling.
- **3-in-1 Versatility:** Offers Cool, Fan, and Dry modes with multiple functions within each mode.
- **Easy Installation:** Features smooth caster wheels for mobility and modular window panels for various window types (17” to 53”).

Setup and Installation

Follow these steps to properly set up your portable air conditioner:

1. **Unpack the Unit:** Carefully remove the air conditioner and all accessories from the packaging.
2. **Choose a Location:** Place the unit on a flat, stable surface near a window and a power outlet. Ensure there is at least 20 inches of space around the unit for proper airflow.
3. **Install the Window Kit:**
    - Assemble the window panel kit to fit your window opening (horizontal or vertical). The kit includes four modular panels (A, B, C, D) to accommodate window sizes from 17" to 53".
    - Secure the window panel kit in the window frame.
    - Attach the exhaust hose to the unit and then to the window panel adapter. Ensure a secure connection to prevent air leakage.

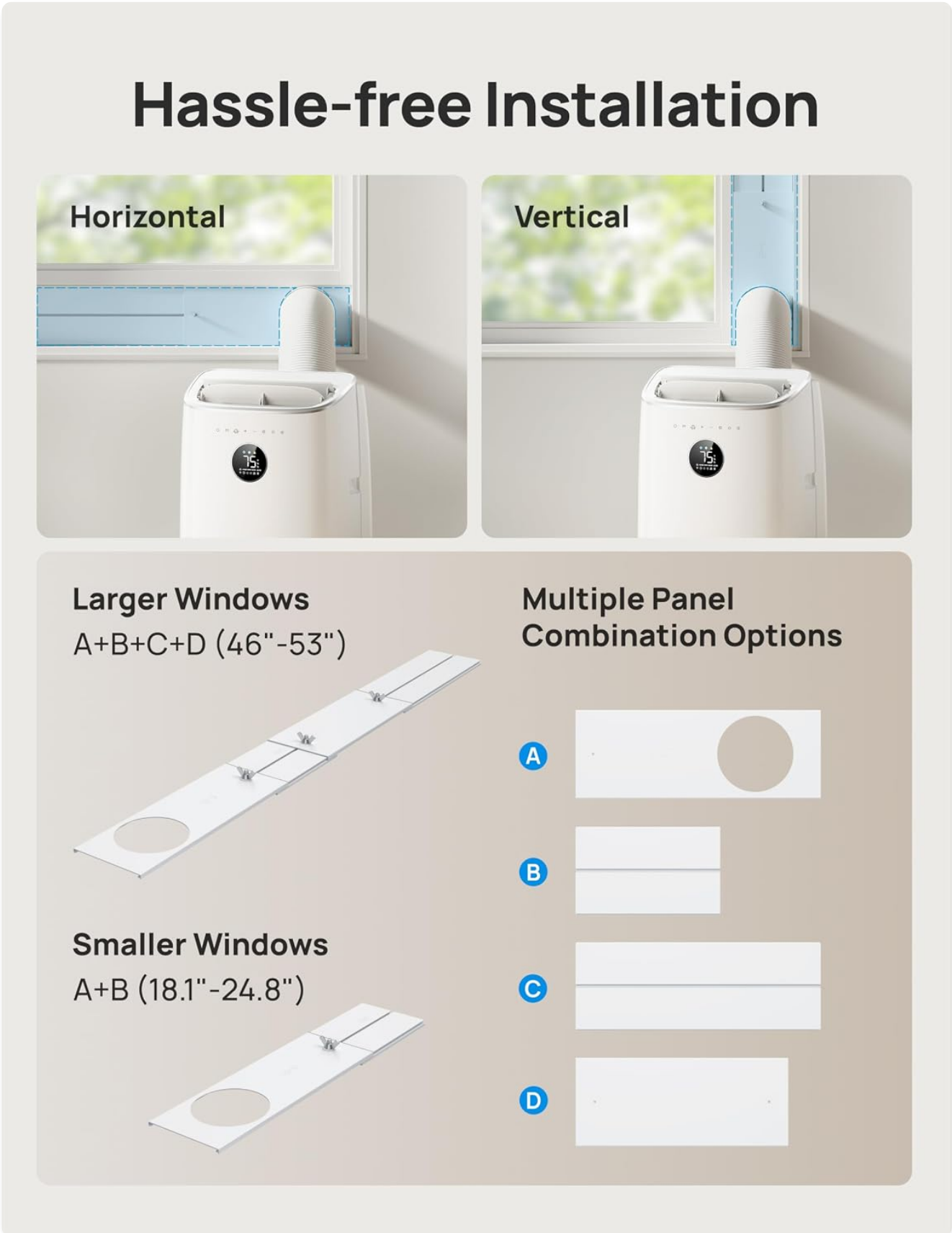


Image: Visual guide for installing the window kit, showing both horizontal and vertical window setups, and the different modular panel combinations for various window sizes.

4. **Seal Gaps:** Use the provided non-adhesive foam to seal any remaining gaps around the window kit to maximize cooling efficiency.
5. **Power On:** Plug the power cord into a grounded electrical outlet.

Setup Video Guide:

Your browser does not support the video tag.

Video: A quick start guide demonstrating the installation process for the Dreo Portable Air Conditioner. This video covers the essential steps to get your unit set up and running.

Operating Modes and Controls

Your Dreo Portable Air Conditioner offers multiple operating modes and control options for optimal comfort.

Control Panel and Remote Control:

The unit can be controlled via the intuitive touch control panel on top of the unit or the included remote control. The remote allows for convenient operation from a distance.



Image: The Dreo Portable Air Conditioner unit, displaying its digital control panel, alongside the physical remote control and a smartphone screen showing the Dreo app interface for smart control.

Operating Modes:

- **Cool Mode:** Provides powerful cooling to lower room temperature. Adjustable temperature range from 61°F to 86°F.
- **Fan Mode:** Circulates air without cooling, offering multiple fan speed levels.

- **Dry Mode (Dehumidifier):** Reduces humidity in the room, with a humidity range of 30%-80%.



Image: A close-up of the Dreo Portable Air Conditioner's control panel, highlighting the three main operating modes: Cool, Dry, and Fan, along with their respective temperature and humidity ranges or fan levels.

Smart Control:

Download the Dreo app to control your air conditioner from anywhere. The unit also supports voice control via Amazon

Alexa and Google Home, allowing for seamless integration into your smart home system. Features include:

- Monitoring temperature and humidity.
- Customizing sleep curve functions.
- Setting schedules and timers.

Maintenance

Regular maintenance ensures optimal performance and longevity of your air conditioner.

Drainage-Free System:

The Dreo AC318S features a patented drainage-free system that automatically evaporates condensed water in environments with up to 90% humidity. This significantly reduces the need for manual drainage.



Image: An internal diagram illustrating the Dreo Portable Air Conditioner's drainage-free system, showing how condensed water is evaporated by the water pump and condenser, eliminating the need for manual drainage.

Cleaning the Air Filter:

The air filter should be cleaned regularly (every two weeks or more often depending on usage) to maintain efficiency.

1. Unplug the air conditioner from the power outlet.

2. Remove the air filter from the back of the unit.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting it into the unit.

Cleaning the Unit Exterior:

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

Troubleshooting

If you encounter issues with your Dreo Portable Air Conditioner, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord damaged, full water tank.	Check power connection, inspect cord, empty water tank (if applicable).
Unit is not cooling effectively.	Dirty air filter, blocked air intake/exhaust, room too large, open doors/windows.	Clean air filter, clear obstructions, ensure room size is within capacity, close doors/windows.
Unit is noisy.	Unit not level, fan obstruction.	Place unit on a flat surface, check for obstructions in fan area.
Remote control not working.	Batteries dead, obstruction between remote and unit.	Replace batteries, remove obstructions.

Specifications

Feature	Detail
Model Number	DR-HAC008S White
Cooling Power (ASHRAE)	8000 BTU
Cooling Power (DOE)	5000 BTU
Recommended Room Size	Up to 150 sq ft (Optimum)
Noise Level	45 dB
Voltage	115 Volts
Product Dimensions (D x W x H)	15.16" x 13.98" x 24.8"
Item Weight	55 pounds
Refrigerant	R-32
Included Components	Window Mount Kit & Drain Hose, Remote Control



Image: A table illustrating the relationship between BTU (ASHRAE and DOE) and recommended room sizes (maximum and optimum usable area) for portable air conditioners.



Image: A reference table showing BTU (DOE and ASHRAE) corresponding to Power Output (W), Voltage (V), and Current (A) for various Dreo portable air conditioner models.

Warranty and Support

Dreo provides a 1-year standard warranty for this product. For any product guidance, technical assistance, or customer service inquiries, please contact Dreo expert customer support. They are available around the clock to assist you.
For more information, visit the official Dreo store:Dreo Store on Amazon

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question