Dreo DR-HAC005S Gold

Dreo Portable Air Conditioner User Manual

Model: DR-HAC005S Gold

1. Introduction

Thank you for choosing the Dreo Portable Air Conditioner. This manual provides essential information for the safe and efficient operation of your new appliance. Please read it thoroughly before use and keep it for future reference. The Dreo AC515S is a versatile 12,000 BTU portable air conditioner designed to provide optimal comfort in your indoor spaces. It features multiple operating modes, smart control options, and an innovative drainage-free cooling system for convenience.

2. Safety Information

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

- Read all instructions before using the appliance.
- Ensure the power supply matches the voltage specified on the appliance's rating label.
- Do not operate the appliance with a damaged cord or plug.
- Do not block air inlets or outlets.
- Always unplug the appliance before cleaning or servicing.
- This appliance is for indoor use only.
- Ensure the power outlet has a Ground Fault Circuit Interrupter (GFCI) for safety.

3. Package Contents

Your Dreo Portable Air Conditioner package includes the following items:

- Dreo Portable Air Conditioner Unit
- Window Mount Kit (multiple panels for various window sizes)
- Drain Hose

- Remote Control (with batteries)
- User Manual (this document)



Figure 1: Dreo Portable Air Conditioner and included accessories.

4. Setup and Installation

4.1 Window Kit Installation

The universal window kit is designed to fit various window types and sizes (from 17" to 53").

1. Measure the window opening to determine the required panel combination.

2. Assemble the window panels (A, B, C, D) as needed to fit your window horizontally or vertically.
3. Secure the panels in the window frame.



Figure 2: Simplified window installation with multiple panel combinations.

4.2 Exhaust Hose Connection

Connect the exhaust hose to the designated outlet on the back of the air conditioner unit. Ensure a secure fit to prevent air leakage.



Figure 3: Proper exhaust hose connection for efficient cooling.

4.3 Unit Placement

Place the air conditioner on a flat, stable surface. Ensure there is at least 20 inches (50 cm) of clearance around the unit for proper airflow and optimal performance.

4.4 Power Connection

Plug the unit into a standard 120V electrical outlet. The power cord features a Ground Fault Circuit Interrupter

(GFCI) for enhanced safety.

5. Operating Instructions

5.1 Control Panel

The unit features an intuitive control panel with a large LED display for easy operation.



Figure 4: Control panel and remote control overview.

5.2 Remote Control

The included remote control allows you to conveniently operate all functions of the air conditioner from a distance. It has the same controls as the unit's panel and features a magnetic holder on the unit for storage.

5.3 App and Voice Control

Control your Dreo Portable Air Conditioner using the Dreo App on your smartphone or through voice commands with Amazon Alexa or Google Home.

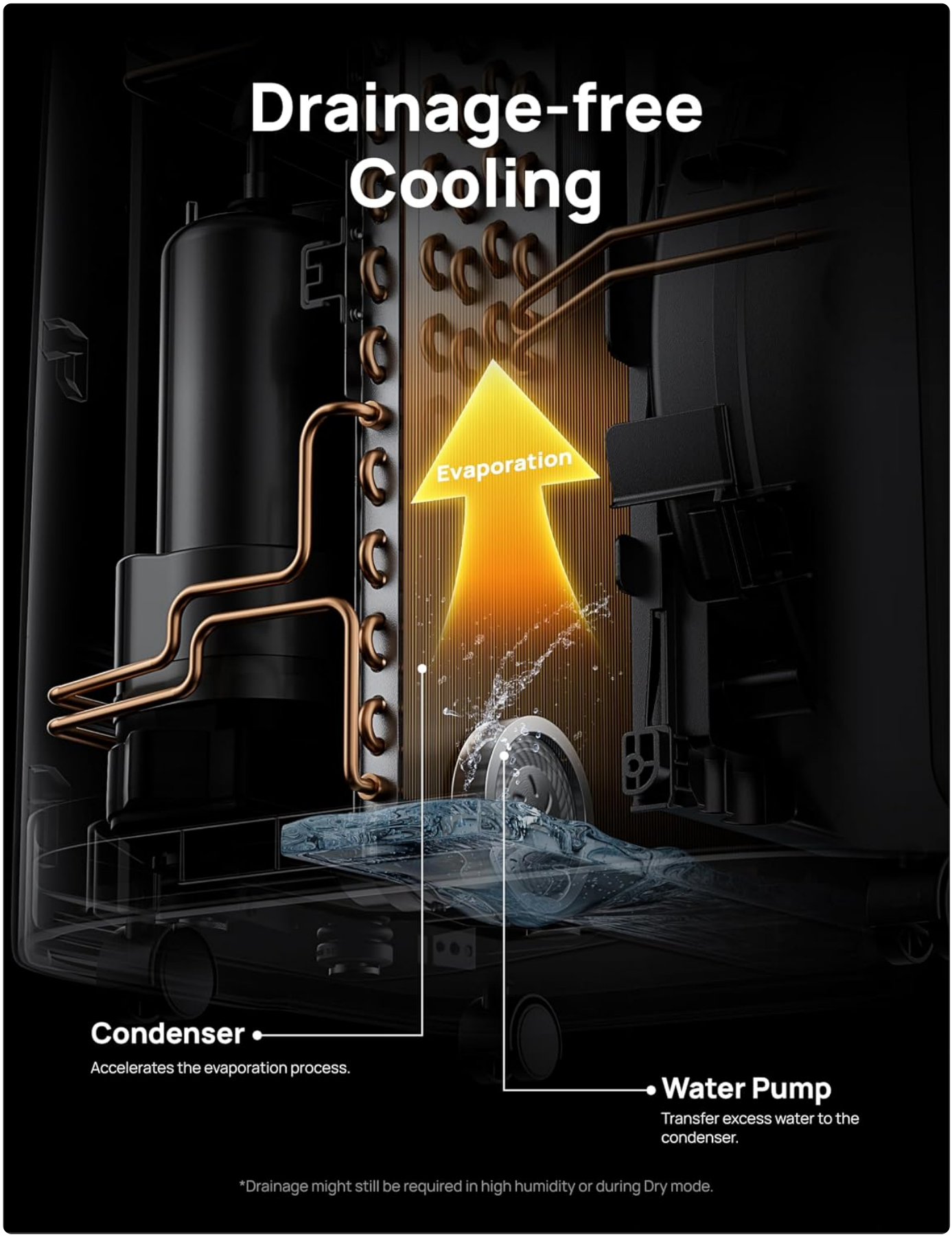


Figure 5: Smart control options via Dreo App.

Video 1: Instructions on how to download the Dreo app.

Video 2: Guide on connecting your Dreo Smart Portable Air Conditioner.

5.4 Operating Modes

The Dreo AC515S offers three primary operating modes:

- **Cool Mode:** Provides powerful cooling with 12,000 BTU ASHRAE capacity. Set your desired temperature between 65°F to 86°F.
- **Dehumidifier Mode:** Reduces humidity in the room. Recommended for environments with humidity levels above 85%.
- **Fan Mode:** Circulates air without cooling. Choose from multiple fan speeds.



Figure 6: Three-in-one operating modes.

5.5 Quiet Operation

The unit features an advanced noise isolation system, reducing noise levels to a minimum of 46dB, making it ideal for bedrooms and offices.



Figure 7: Quiet operation for undisturbed comfort.

5.6 Timer Function

Set a 24-hour timer to automatically turn the unit on or off, allowing for scheduled operation.

5.7 Sleep Mode

Sleep mode is available in Cool Mode. It dims the LED display and deactivates beeping noises for a peaceful night's sleep.

5.8 Eco Mode

Eco mode is available in Cool Mode and helps optimize energy consumption by maintaining a set temperature range.

6. Maintenance

6.1 Air Filter Cleaning

Regularly clean the air filters to ensure optimal performance and air quality. It is recommended to clean the filters at least once every two weeks.

1. Turn off and unplug the unit before cleaning.
2. Remove both air intake grills from the back of the unit.
3. Gently vacuum any lint and debris from the filter screens.
4. If heavily soiled, rinse the filters under lukewarm water.
5. Allow the filters to dry completely before reattaching them to the unit.

6.2 Water Drainage

The Dreo AC515S features a drainage-free cooling system, where a dedicated condenser and water pump help transfer excess water, reducing the need for manual drainage in most cool mode operations.
However, for dehumidifier mode or in environments with very high humidity (above 85%), continuous drainage may be required.

- Connect the drain hose to the main drain outlet at the back of the unit.
- Lead the other end of the hose into a drain or a bucket placed lower than the unit to allow gravity drainage.
- For intermittent drainage (e.g., if a P1 error occurs), remove the bottom drain cap and let the water drain until the reservoir is empty.



Figure 8: Drainage-free cooling mechanism.

7. Troubleshooting

If you encounter any issues with your Dreo Portable Air Conditioner, please refer to the following common

troubleshooting steps:

- **Unit not turning on:** Ensure the unit is properly plugged into a working outlet. Check the GFCI plug for a tripped circuit.
- **Insufficient cooling:** Verify that the exhaust hose is properly installed and sealed. Check that air filters are clean. Ensure windows and doors are closed.
- **P1 error code:** Indicates the water reservoir is full. Drain the water from the bottom drain outlet.
- **Noisy operation:** Ensure the unit is on a flat, stable surface. Check for any obstructions in the air inlets or outlets.
- **App connectivity issues:** Ensure your phone's Wi-Fi and Bluetooth are enabled. Confirm the unit is within range of your Wi-Fi router (2.4GHz networks only).

For more detailed troubleshooting or persistent issues, please contact Dreo Customer Service.

8. Specifications

Brand	Dreo
Model Number	DR-HAC005S Gold
Cooling Power	12,000 British Thermal Units
Noise Level	46 dB
Voltage	120 Volts
Power Output	1150 - 1450W
Floor Area Coverage	300 Square Feet
Product Dimensions	14.37 x 17.32 x 28.13 inches
Item Weight	62.9 pounds

9. Warranty and Support

Your Dreo Portable Air Conditioner comes with a 1-year standard warranty. Dreo offers 24-hour customer service to assist with any product guidance or issues you may encounter.
Additional protection plans are available for purchase:

- 3-Year Protection Plan
- 4-Year Protection Plan
- Complete Protect (monthly plan covering eligible purchases)

For support, please visit the official Dreo website or contact customer service directly.

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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.

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