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› Dreo Portable Air Conditioner Instruction Manual

Dreo DR-HAC004S Black

Dreo Portable Air Conditioner Instruction Manual

Brand: Dreo

Model: DR-HAC004S White (10,000 BTU)

INTRODUCTION

Thank you for choosing the Dreo Portable Air Conditioner. This manual provides essential information for the safe operation, installation, maintenance, and troubleshooting of your new appliance. Please read it thoroughly before use and retain it for future reference. For any questions or assistance, please refer to the 'Warranty & Support' section.

PRODUCT OVERVIEW

The Dreo Portable Air Conditioner is designed to provide efficient and quiet cooling for your indoor spaces. It features multiple operating modes, smart control options, and a user-friendly design for optimal comfort.



Figure 1: Dreo Portable Air Conditioner unit, remote control, and smartphone app interface.

Key Features

- **Efficient Cooling:** 10,000 BTU ASHRAE (6,000 BTU SACC) for rapid cooling up to 14 feet, adjustable from 61°F to 86°F.
- **Quiet Performance:** Innovative noise reduction design limits sound to just 45dB, ideal for undisturbed sleep or work.
- **Auto-Matic Moisture Control:** Advanced technology automatically evaporates excess water, eliminating the need for drainage in conditions up to 90% humidity.
- **Voice-Activated Control:** Manage climate settings using voice commands with Siri, Amazon Alexa, or Google Home.
- **Multi-Mode System:** Offers Cool, Fan, and Dry modes with adjustable settings for versatile use.
- **Mobile & Hassle-Free:** Equipped with smooth rolling wheels for easy movement and straightforward installation with modular window panels (17" to 53" window sizes) and a 59" exhaust hose.

DREO | Air Conditioner Series

Arctic-Level Cooling. Unmatched Comfort.



10,000 BTU

Powerful Instant Cooling
(ASHRAE 128)

14FT

Maximum Reach

200 sqft

Optimum Coverage

Figure 2: Illustration of the air conditioner's powerful and wide-reaching cooling capability.

Unmatched Performance with IceCool System



235 CFM
Cooling Volume

30°
Parabolic Outlet

50° - 90°
Swing Airflow

Figure 3: Visual representation of the IceCool System's enhanced airflow and performance.

Quiet Performance Beyond Standards

45 dB
DREO

**Advanced Noise
Isolation System**

*Tested by DREO Lab using Cool Mode at the lowest setting.

Figure 4: The unit operating quietly in a bedroom, highlighting its low noise level of 45dB.

Control Climate with Just a Tap



Figure 5: Control the air conditioner's settings and modes directly from your smartphone app.

SETUP & INSTALLATION

Proper installation is crucial for the optimal performance of your portable air conditioner. Follow these steps carefully.

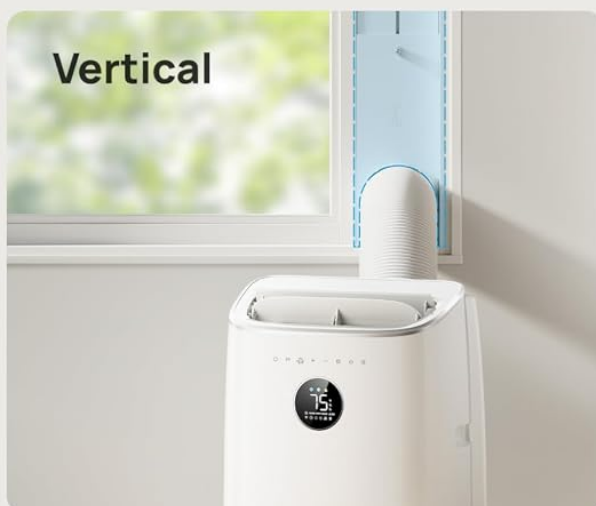
1. Unpacking and Preparation

- Carefully remove the air conditioner and all accessories from the packaging.
- Ensure all components listed in the package contents are present and undamaged.
- Place the unit on a flat, stable surface.

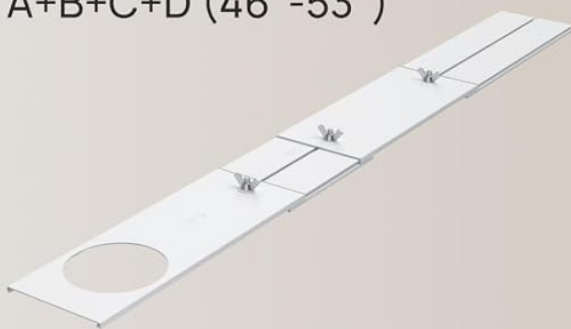
2. Window Kit Installation

The modular window panels are designed to fit various window sizes (17" to 53").

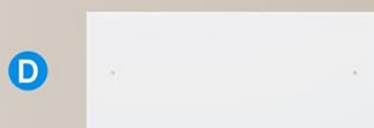
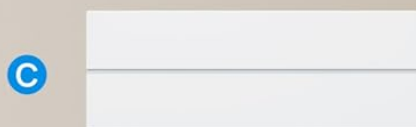
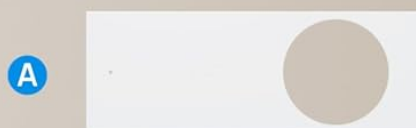
Hassle-free Installation



Larger Windows
A+B+C+D (46"-53")



**Multiple Panel
Combination Options**



Smaller Windows
A+B (18.1"-24.8")



Figure 6: Different configurations of window panels for horizontal and vertical window installations.

1. Measure your window opening to determine which panels (A, B, C, D) are needed.
2. Assemble the panels according to your window's dimensions, ensuring a snug fit.
3. Secure the assembled window panel kit in your window frame.

3. Exhaust Hose Connection

Connect the exhaust hose to the unit and the window kit to vent hot air outside.

- Attach one end of the 59-inch exhaust hose to the air exhaust housing outlet on the back of the unit.
- Attach the other end of the exhaust hose to the circular opening in the window panel kit. Ensure a secure connection to prevent air leakage.

4. Unit Placement

For optimal performance, ensure proper placement of the unit.

- Keep at least 20 inches (50 cm) of clearance between the air conditioner and walls or other obstructions to allow for proper airflow.
- Ensure the exhaust hose is as straight and short as possible to maximize efficiency.

Video 1: A quick start guide demonstrating the assembly and installation of the Dreco Portable Air Conditioner.

OPERATING INSTRUCTIONS

Your Dreco Portable Air Conditioner offers multiple modes and control options for personalized comfort.

Control Panel & Remote Control

The unit can be controlled via the touch control panel on top of the unit or the included remote control.

- **Power Button:** Turns the unit On/Off.
- **Mode Button (M):** Cycles through Cool, Fan, and Dry modes.
- **Temperature Adjustment (+/-):** Increases or decreases the target temperature.
- **Fan Speed:** Adjusts fan speed (Low, Medium, High).
- **Swing:** Activates or deactivates the automatic louver swing.
- **Timer:** Sets a timer for automatic shut-off.
- **Sleep Mode:** Activates a quiet, energy-saving sleep mode.

Smart Control (DREO App & Voice Control)

Enhance your experience by connecting your air conditioner to the DREO app for remote control and advanced features.

Video 2: Instructions on how to connect your Dreco Smart Air Conditioner to the DREO app.

Video 3: A guide on how to download and install the DREO app on your smartphone.

- Download the DREO app from your smartphone's app store.
- Follow the in-app instructions to pair your device.
- Once connected, you can control the unit, monitor temperature and humidity, and set schedules from anywhere.
- The unit is compatible with Siri, Amazon Alexa, and Google Home for convenient voice control.

MAINTENANCE & CLEANING

Regular maintenance ensures the longevity and efficiency of your air conditioner. Always unplug the unit before cleaning or servicing.

Air Filter Cleaning

It is recommended to clean the air filter at least once every two weeks, or more frequently depending on usage and air quality.

1. Turn off and unplug the air conditioner.
2. Remove the filter grilles from the back of the unit.
3. Rinse the filters under running water to remove dust and debris.
4. Allow the filters to air dry completely before re-attaching them to the unit.

Water Drainage

The Dreo Portable Air Conditioner features an auto-evaporation system that minimizes the need for manual drainage. However, in very humid conditions (above 90% humidity) or when using Dry Mode, manual drainage may be required.

- **Continuous Drainage:** For continuous operation in high humidity, connect the included drain hose to the main drain outlet at the back of the unit. Lead the other end of the hose into a drain or container positioned lower than the unit.
- **Intermittent Drainage (P1 Error):** If the internal reservoir becomes full, the unit will display a 'P1' error code and stop operating. To drain, remove the bottom drain cap and let the water drain into a suitable container until the reservoir is empty. Re-secure the cap.

Video 4: This quick start guide also demonstrates the process for water drainage and air filter cleaning.

TROUBLESHOOTING

If you encounter issues with your air conditioner, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord damaged, or P1 error.	Check power outlet, inspect cord, drain water if P1 error is displayed.
Unit is not cooling effectively.	Dirty air filter, blocked air intake/exhaust, room too large, or windows/doors open.	Clean air filter, ensure clear airflow, close windows/doors, check room size suitability.
Unit is noisy.	Unit not on a level surface, or internal components vibrating.	Place unit on a flat, stable surface. If noise persists, contact customer support.
Water leaking from unit.	Drain cap loose or drain hose improperly connected.	Ensure drain cap is tightly secured and drain hose is correctly attached.
Remote control not working.	Batteries dead or remote out of range.	Replace batteries, ensure remote is within operating range and pointed at the unit.

If the problem persists after attempting these solutions, please contact Dreo Customer Support for further assistance.

SPECIFICATIONS

Feature	Detail
Product Dimensions	15.16 x 13.98 x 24.8 inches
Item Weight	57.2 pounds
Manufacturer	Dreo
Item Model Number	DR-HAC004S Black
Form Factor	Portable
Capacity	235 Cubic Feet
Floor Area	200 Square Feet
Voltage	115 Volts
Noise Level	45 dB
Cooling Power	10000 British Thermal Units
Refrigerant	R-32
Power Source	AC
Included Components	Window Mount Kit & Drain Hose, Remote Control
Batteries Required	Yes

WARRANTY & SUPPORT

Dreo provides a 1-year warranty as standard for this product. Our dedicated customer support team is available 24/7 to assist you with any concerns or questions regarding the use of your Dreo Portable Air Conditioner.

For support, please refer to the contact information provided in your product packaging or visit the official Dreo website.