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› DREO Portable Air Conditioner AC516S User Manual

## DREO AC516S

# DREO Portable Air Conditioner AC516S User Manual

Model: AC516S (DR-HAC006S)

## 1. INTRODUCTION

Thank you for choosing the DREO Portable Air Conditioner AC516S. This manual provides essential information for the safe and efficient operation of your appliance. Please read it thoroughly before use and retain it for future reference.

The DREO AC516S is a versatile 3-in-1 unit offering powerful cooling, effective dehumidification, and efficient fan modes. Designed for convenience, it features smart control options, quiet operation, and an innovative no-drainage system for continuous cooling.



Image 1.1: DREO Portable Air Conditioner AC516S.

## 2. IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury, always follow these basic precautions:

- Read all instructions before using this appliance.
- Do not operate the unit with a damaged cord or plug.
- Ensure the power supply matches the voltage specified on the rating label.
- Do not block air outlets or inlets.
- Keep the appliance away from flammable materials.
- Always unplug the unit before cleaning or servicing.

- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

### 3. WHAT'S IN THE BOX

Carefully unpack your DREO Portable Air Conditioner and check that all items are included:

- 1 × DREO Portable Air Conditioner
- 1 × Remote Control
- 1 × Exhaust Hose
- 1 × Window Seal Kit (includes adjustable window panels and adapters)
- 1 × User Manual



Image 3.1: Included window installation kit components.

### 4. PRODUCT OVERVIEW

Familiarize yourself with the main parts of your DREO Portable Air Conditioner AC516S:

- **Control Panel:** Touch-sensitive interface for settings adjustment.
- **Air Outlet:** Adjustable louvers for directing airflow.
- **Air Inlet:** Located on the rear, with a removable filter.
- **Exhaust Air Outlet:** Connection point for the exhaust hose.
- **Casters:** For easy mobility of the unit.
- **Remote Control:** For convenient operation from a distance.

# Flessibilità 3 in 1. Controllo completo del clima.

**Fresco**  
16°C-30°C

**Deumidificazione**  
3.6L/Ora

**Ventola**  
3 velocità + Auto



Image 4.1: Control panel and display.

## 5. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. The DREO AC516S can be installed with various window types or a wall vent.

### 5.1 Exhaust Hose Assembly

1. Attach the exhaust hose to the hose adapter.
2. Connect the other end of the hose to the window kit adapter.
3. Extend the hose to the desired length, ensuring it is not kinked or bent sharply.

## 5.2 Window Kit Installation

The universal window kit supports sliding windows, casement windows, and wall vents.

- **For Sliding Windows:** Adjust the window panel(s) to fit your window opening. Secure the panel(s) in place and connect the exhaust hose adapter.
- **For Casement Windows:** Use the fabric window seal kit to create an airtight seal around the window opening. Insert the exhaust hose through the opening in the fabric seal.
- **For Wall Vents:** Install the wall vent kit (if applicable) and connect the exhaust hose.

# Installazione universale. Si adatta ovunque.

## ■ ■ Su Infissi Scorrevoli



## ■ ■ Su Infissi A Battente



## □ Aperture Per La Ventilazione Da Pareti



\*Le finestre a bilico hanno bisogno di componenti specifici. Per riceverle, contattare l'assistenza clienti.

Image 5.1: Universal installation options for windows and wall vents.

Ensure all connections are secure to prevent air leakage, which can reduce cooling efficiency.

## 6. OPERATING INSTRUCTIONS

The DREO AC516S offers multiple modes and control options for personalized comfort.

## 6.1 Modes of Operation

- **Cooling Mode:** Provides powerful cooling with a temperature range of 16°C to 30°C. Ideal for hot environments.
- **Fan Mode:** Circulates air without cooling. Choose from 3 fan speeds (Low, Medium, High) or Auto mode.
- **Dehumidification Mode:** Removes excess moisture from the air, with a capacity of up to 3.2 L/h. The patented no-drainage system automatically evaporates condensate in this mode, eliminating manual emptying.



Image 6.1: Automatic no-drainage system for continuous operation.

## 6.2 Control Methods

- **Touch Control Panel:** Directly adjust settings on the unit's intuitive display.
- **Remote Control:** Use the included remote for convenient adjustments from across the room. The remote features a magnetic base for storage on top of the unit.
- **DREO App:** Download the DREO app to control your air conditioner from your smartphone. This allows for advanced features like scheduling, sleep curve customization, and remote control.
- **Voice Control:** Integrate with smart home systems like Siri, Amazon Alexa, and Google Home for hands-free operation.



Image 6.2: Smart control via the DREO app.

## 6.3 Special Features

- **Sleep Mode:** Optimizes settings for quiet and comfortable sleep, often gradually increasing temperature and reducing fan speed.
- **24-Hour Timer:** Schedule the unit to turn on or off automatically.
- **Quiet Operation:** Engineered for low noise levels (as low as 45 dB), ensuring minimal disturbance.



*Image 6.3: Quiet operation for undisturbed rest.*

## 7. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your air conditioner.

### 7.1 Cleaning the Air Filter

The DREO AC516S is equipped with a mesh filter. A dirty filter can reduce cooling efficiency and airflow.

1. Unplug the air conditioner from the power outlet.
2. Locate and remove the air filter from the rear of the unit.
3. Clean the filter using a vacuum cleaner or wash it with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinstalling it.
5. Reinstall the dry filter into the unit.

Clean the air filter every two weeks or more frequently depending on usage and air quality.

### 7.2 General Cleaning

- Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the unit is completely dry before plugging it back in.

## 8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Unit does not turn on	No power supply Power cord damaged Unit is in standby mode	Check power outlet and circuit breaker Contact customer support Press the power button
Insufficient cooling	Dirty air filter Blocked air inlets/outlets Room too large Windows/doors open Exhaust hose not properly installed	Clean air filter Clear obstructions Ensure unit is suitable for room size Close all windows and doors Check exhaust hose for proper sealing and kinks
Unit is noisy	Unit not on a flat surface Internal components vibrating	Place unit on a level surface Contact customer support if noise is excessive
Water leakage	Drainage plug not secure Unit tilted	Ensure drainage plug is tightly closed Place unit on a flat, level surface

If the problem persists after trying these solutions, please contact DREO Customer Support.

## 9. SPECIFICATIONS

Feature	Specification
Brand	DREO
Model Name	AC516S (DR-HAC006S)
Cooling Capacity	12000 BTU
Power Consumption	1550 Watts
Annual Energy Consumption	1350 Watts
Voltage	230 Volts
Noise Level	65 Decibels (Sound Power)
Refrigerant	R-290
Product Dimensions (DxWxH)	44P x 44l x 71.5H cm
Item Weight	29.9 Kilograms
Control Method	App, Remote, Touch, Voice Control
Special Features	Dust Filter, Rapid Cooling, Remote Controlled, Sleep Mode, WiFi Enabled
Energy Efficiency Class	A
Seasonal Energy Efficiency Ratio (SEER)	5.0
Applicable Area	Up to 37 square meters

Feature	Specification
GTIN / UPC	810142857123

For detailed energy information, refer to the official EPREL database <https://eprel.ec.europa.eu/qr/2232898>

## Scheda prodotto

Regolamento delegato (UE) n. 626/2011

Nome o marchio del fornitore	<b>DREO</b>
Identificativo del modello	<b>DR-HAC006S</b>
Identificativo/i di modello interno	<b>DR-HAC006S</b>
Identificativo del modello esterno	
Livelli di potenza sonora interna (modo di raffreddamento)	<b>63 dB</b>
Livelli di potenza sonora esterna (modo di raffreddamento)	<b>65 dB</b>
Nome del refrigerante	<b>R290</b>
GWP del refrigerante	<b>3</b>
<p>La perdita di refrigerante contribuisce al cambiamento climatico. In caso di rilascio nell'atmosfera, i refrigeranti con un potenziale di riscaldamento globale (GWP) più basso contribuiscono in misura minore al riscaldamento globale rispetto a quelli con un GWP più elevato. Questo apparecchio contiene un fluido refrigerante con un GWP di 3. Se 1 kg di questo fluido refrigerante fosse rilasciato nell'atmosfera, quindi, l'impatto sul riscaldamento globale sarebbe 3 volte più elevato rispetto a 1 kg di CO<sub>2</sub>, per un periodo di 100 anni. In nessun caso l'utente deve cercare di intervenire sul circuito refrigerante o di disassemblare il prodotto. In caso di necessità occorre sempre rivolgersi a personale qualificato.</p>	
<b>Modo di raffreddamento</b>	
Indice di efficienza energetica (EER)	<b>2,6</b>
Classe di efficienza energetica	<b>A</b>
Consumo energetico orario	<b>Consumo di energia 1,4 kWh/60 min. in base ai risultati di prove standard. Il consumo effettivo dipende dalle modalità d'uso dell'apparecchio e dal luogo in cui è installato.</b>
Capacità di raffreddamento	<b>3,7 kW</b>

Modello immesso sul mercato dell'Unione da 02/01/2025.



Numero di registrazione EPREL: 2232898

<https://eprel.ec.europa.eu/qr/2232898>

**Fornitore:** Apex CE Specialists GmbH (Rappresentante autorizzato)

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Grafenberger Allee 277, 40237 Düsseldorf  
Germania

## 10. WARRANTY AND CUSTOMER SUPPORT

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### 10.1 Warranty

Your DREO Portable Air Conditioner AC516S comes with a **24-month warranty period** from the date of purchase. This warranty covers manufacturing defects and ensures reliable operation under normal use. Please retain your proof of purchase for warranty claims.

### 10.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact our customer support team:

- **Manufacturer:** DREO
- **Authorized Representative:** Apex CE Specialists GmbH
- **Email:** [info@apex-ce.de](mailto:info@apex-ce.de)
- **Phone:** +49 177 699 5991
- **Address:** Grafenberger Allee 277, 40237 Düsseldorf, Germany