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Clean Air Optima CA-708

Clean Air Optima CA-708 SMART Dehumidifier and Air Purifier User Manual

Comprehensive instructions for the optimal use and maintenance of your Clean Air Optima CA-708 SMART device.

1. INTRODUCTION

The Clean Air Optima CA-708 SMART is a versatile appliance designed to improve indoor air quality by combining powerful dehumidification with advanced air purification. It effectively removes excess moisture, preventing mold and mildew growth, while simultaneously filtering airborne pollutants, allergens, and odors. This manual will guide you through the setup, operation, and maintenance of your device to ensure long-lasting performance and a healthier indoor environment.



The Clean Air Optima CA-708 SMART unit, a combined dehumidifier and air purifier, shown alongside a smartphone displaying its dedicated control application. This illustrates the device's smart connectivity features.

2. SAFETY INSTRUCTIONS

Please read all safety instructions carefully before operating the device to prevent injury or damage.

- Always place the unit on a stable, level surface.
- Ensure the power cord is not damaged and is properly plugged into a grounded outlet.

- Do not block air inlets or outlets. Maintain at least 20 cm clearance from walls or furniture.
 - Do not operate the unit near water or in excessively humid environments (e.g., bathrooms without proper ventilation).
 - Unplug the device before cleaning, maintenance, or when not in use for extended periods.
 - Keep out of reach of children and pets.
 - Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.
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3. PRODUCT COMPONENTS AND FEATURES

The CA-708 SMART integrates multiple technologies for comprehensive air treatment.

3.1 Key Components

- **Control Panel:** Top-mounted interface for manual operation.
- **Air Inlet/Outlet:** Located on the back and top for air circulation.
- **Water Tank:** Removable tank for collected moisture.
- **Filter System:** Multi-stage filtration for air purification.
- **Caster Wheels:** Integrated for easy mobility.

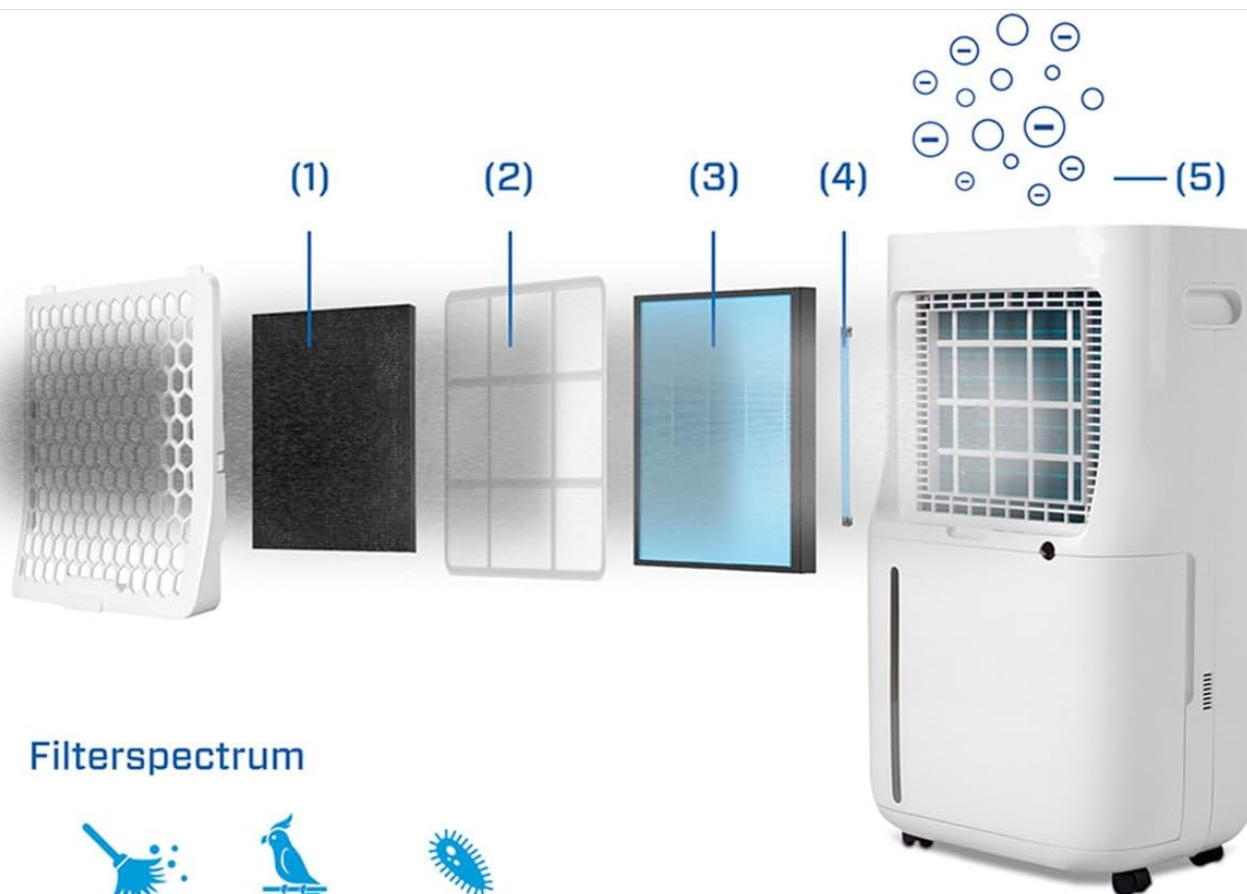


An exploded view of the Clean Air Optima CA-708 SMART, revealing the removable water tank and the multi-layer filter system, including the pre-filter and activated carbon filter, ready for maintenance.

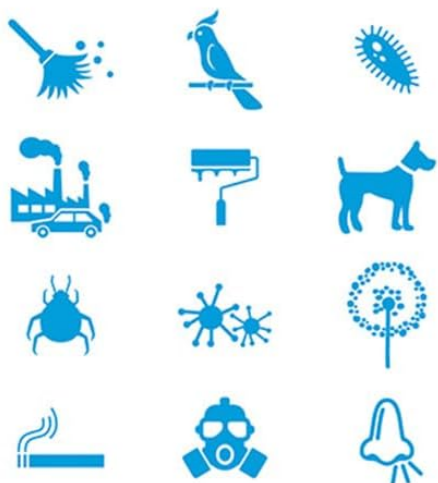
3.2 5-Stage Filtration Technology

The device features a sophisticated 5-stage filtration system:

1. **Activated Carbon Filter:** Neutralizes smoke, chemicals, gases, and odors, and inhibits the growth of bacteria, viruses, and molds.
2. **Pre-filter:** Captures larger particles like dust and pet hair.
3. **TRUE HEPA H13 Filter (EN 1822 standard) with Nano Silver Coating:** Cleans 99.97% of all suspended particles down to 0.3 microns ($0.3\ \mu\text{m}$) from the air.
4. **Permanent UV-C Lamp (254 nm):** Sterilizes air by inactivating bacteria, viruses, and other microorganisms.
5. **Ionizer:** Generates over 3,000,000 negative ions/ cm^3 to bind with airborne particles, making them easier to filter and improving air freshness.



Filterspectrum



- 1 Activated Carbon Filter
- 2 Pre-filter
- 3 TRUE HEPA H13 filter
- 4 UV-C lamp
- 5 Ionizer - 3.000.000 negative ions/cm³

A detailed diagram showcasing the five stages of air filtration and purification in the Clean Air Optima CA-708 SMART: (1) Activated Carbon Filter, (2) Pre-filter, (3) TRUE HEPA H13 filter, (4) UV-C lamp, and (5) Ionizer. Icons represent various pollutants targeted by the system.

4. SETUP

4.1 Unpacking

- Carefully remove the unit from its packaging.
- Remove any protective films or packaging materials.
- Ensure all components are present: main unit, water tank, and filters (pre-installed).

4.2 Placement

- Place the dehumidifier on a firm, level surface in the area where dehumidification and air purification are desired.
- For optimal performance, ensure there is at least 20 cm of space around the air inlets and outlets.
- The integrated caster wheels allow for easy movement of the unit.



Easy to move

Handle and integrated caster wheels



A view of the base of the Clean Air Optima CA-708 SMART, illustrating the integrated caster wheels and side handle for easy mobility of the unit.

4.3 Power Connection

- Plug the power cord into a suitable grounded electrical outlet.
- The unit is now ready for operation.

4.4 Smart App Connection

The CA-708 SMART can be controlled via a dedicated mobile application.

- Download the "Clean Air Optima" app from the App Store (iOS) or Google Play Store (Android).
- Follow the in-app instructions to connect your device to your home Wi-Fi network.
- Once connected, you can control the unit remotely and monitor air quality.

Manual operation or with the Clean Air Optima® App



The top control panel of the Clean Air Optima CA-708 SMART, featuring digital display and touch buttons, shown next to a smartphone screen displaying the Clean Air Optima mobile application for remote control and monitoring.

5. OPERATING INSTRUCTIONS

5.1 Control Panel Overview

The top panel features a digital display and touch-sensitive buttons for various functions.

- **Power Button:** Turns the unit on/off.
- **Mode Button:** Cycles through operating modes (e.g., Dehumidification, Air Purification, Auto).
- **Humidity Setting Buttons:** Adjusts the desired humidity level (30% to 80% Relative Humidity).
- **Timer Button:** Sets the operating duration.
- **Fan Speed Button:** Adjusts fan intensity.
- **Child Lock Button:** Locks the control panel to prevent accidental changes.

5.2 Dehumidification

The CA-708 SMART uses condensation technology to remove moisture from the air.

- Press the Power button to turn on the unit.
- Use the Mode button to select the dehumidification mode.
- Adjust the desired humidity level using the humidity setting buttons. The built-in hygostat will automatically maintain the set humidity.
- The color monitor on the front panel indicates the current relative humidity:



Close-up of the Clean Air Optima CA-708 SMART's front panel, highlighting the circular indicator light that changes color (blue,

green, red) to reflect current air quality or humidity levels.

- **Blue:** Optimal humidity/air quality.
- **Green:** Moderate humidity/air quality.
- **Red:** High humidity/poor air quality.

5.3 Air Purification

The 5-stage filtration system operates continuously to purify the air.

- In Auto mode, the unit will adjust fan speed based on detected air quality.
- The UV-C lamp and ionizer functions can typically be toggled on/off via the control panel or app.

5.4 Water Tank Management

- When the water tank is full, the unit will automatically stop operating and an indicator light will illuminate.
- Carefully remove the water tank from the unit.
- Empty the collected water.
- Reinsert the empty water tank securely into the unit. The unit will resume operation.
- For continuous drainage, a drain hose can be connected (refer to specific instructions in the full manual for details on continuous drainage setup).

6. MAINTENANCE

Regular maintenance ensures efficient operation and extends the lifespan of your device.

6.1 Cleaning the Filters

The pre-filter and activated carbon filter are washable. The HEPA filter should be replaced periodically.

- Unplug the unit before performing any maintenance.
- Remove the back cover to access the filters.
- Carefully remove the pre-filter and activated carbon filter.
- Wash these filters under running water. Allow them to air dry completely before reinstallation.
- The HEPA filter should be replaced every 6-12 months, depending on usage and air quality. Do not wash the HEPA filter.
- Reinstall all filters and secure the back cover.

6.2 Cleaning the Water Tank

- Regularly clean the water tank to prevent mold and bacterial growth.
- Remove the tank, empty any remaining water, and wash it with mild detergent and warm water.
- Rinse thoroughly and dry before placing it back in the unit.

6.3 Exterior Cleaning

- Wipe the exterior of the unit with a soft, damp cloth.
 - Do not use abrasive cleaners or solvents.
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7. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power; Power cord not connected; Water tank full or not properly inserted.	Check power connection; Empty and reinsert water tank correctly.
No dehumidification	Room temperature too low; Air filter clogged; Humidity setting too high.	Ensure room temperature is above 5°C; Clean/replace filters; Lower desired humidity setting.
Weak airflow	Air filter clogged; Air inlet/outlet blocked.	Clean/replace filters; Remove obstructions from air inlets/outlets.
Unusual noise	Unit not on a level surface; Loose parts.	Place on a stable, level surface; Check for any loose components.
Poor air purification	Filters are dirty or expired.	Clean or replace the filters as per maintenance instructions.

If the problem persists after attempting these solutions, please contact customer support.

8. SPECIFICATIONS

Technical details for the Clean Air Optima CA-708 SMART Dehumidifier and Air Purifier.

- **Brand:** Clean Air Optima
- **Model:** CA-708 SMART
- **Dehumidification Capacity:** Up to 25 liters/day (at 30°C/80% RH)
- **Recommended Room Size:** Up to 90 m² / 225 m³
- **Water Tank Capacity:** 6.5 Liters
- **Power Consumption:** 330 Watts
- **Dimensions (P x L x H):** 24 cm x 34 cm x 57 cm
- **Material:** Plastic
- **Special Features:** Washable filter, Built-in hygostat, Integrated air purifier, UV-C lamp, Wi-Fi connectivity.



A visual representation of the Clean Air Optima CA-708 SMART dehumidifier with its key dimensions indicated: 340 mm (width), 240 mm (depth), and 570 mm (height).

9. WARRANTY INFORMATION

This Clean Air Optima product is covered by a manufacturer's warranty against defects in materials and workmanship. The warranty period typically begins from the date of purchase. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty card included with your product or visit the official Clean Air Optima website.

10. SUPPORT

For technical assistance, troubleshooting beyond this manual, or spare parts, please contact Clean Air Optima

customer support:

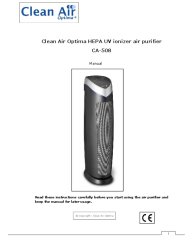
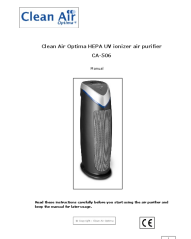
- **Website:** www.cleanairoptima.com (Please check for your regional website)
- **Email:** Refer to the contact section on the official website.
- **Phone:** Refer to the contact section on the official website for regional phone numbers.

When contacting support, please have your model number (CA-708 SMART) and purchase date available.



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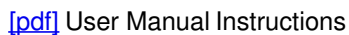
Related Documents - CA-708

	Clean Air Optima CA-508 HEPA UV Ionizer Air Purifier Manual Comprehensive user manual for the Clean Air Optima CA-508 HEPA UV ionizer air purifier, detailing features, operation, maintenance, troubleshooting, and specifications for effective air purification.
	Clean Air Optima® 2in1: Dehumidifier & Air Purifier User Manual User manual for the Clean Air Optima® 2in1 Dehumidifier & Air Purifier (Models CA-704 Smart / CA-707 Smart), providing detailed instructions on operation, safety, maintenance, and troubleshooting for optimal indoor air quality.
	Clean Air Optima CA-509Pro Smart Intelligent Air Purifier Manual This manual provides comprehensive guidance for the Clean Air Optima CA-509Pro Smart, an intelligent air purifier designed to enhance indoor air quality. Learn about its advanced dual airflow, dual filter, and dual ionizer systems for effective air purification.
	Clean Air Optima CA-506 HEPA UV Ionizer Air Purifier Manual User manual for the Clean Air Optima CA-506 HEPA UV ionizer air purifier, detailing features, operation, maintenance, troubleshooting, and specifications.

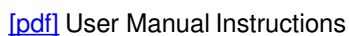


Clean Air Optima CA-705/706/708 Smart Dehumidifier & Air Purifier User Manual

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[Clean Air Optima® 2in1: Dehumidifier & Air Purifier User Manual - CA-705, CA-706, CA-708 Smart](#)

Comprehensive user manual for the Clean Air Optima® CA-705 Smart, CA-706 Smart, and CA-708 Smart models. Learn about setup, operation, maintenance, and troubleshooting for your 2-in-1 dehumidifier and air purifier for healthier indoor air. lang:en **score:33** filesize: 8.94 M page_count: 241 document date: 2025-10-06



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[Clean Air Optima® 2in1: Dehumidifier & Air Purifier Manual](#)

User manual for the Clean Air Optima® 2in1 Dehumidifier & Air Purifier, models CA-705 Smart, CA-706 Smart, and CA-708 Smart. Includes setup, operation, safety warnings, and app connectivity.

lang:en score:27 filesize: 3.55 M page_count: 224 document date: 2025-07-09



[Clean Air Optima® 2in1 Dehumidifier & Air Purifier User Manual \(Models CA-705, CA-706, CA-708 Smart\)](#)

Comprehensive user manual for the Clean Air Optima® 2in1 Dehumidifier & Air Purifier. Covers setup, operation, safety guidelines, maintenance, troubleshooting, and technical specifications for models CA-705 Smart, CA-706 Smart, and CA-708 Smart.

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[Clean Air Optima CA-705/706/708 Smart Dehumidifier & Air Purifier User Manual](#)

This user manual provides essential information for operating, maintaining, and troubleshooting the Clean Air Optima CA-705, CA-706, and CA-708 Smart Dehumidifier & Air Purifier, ensuring optimal indoor air quality.

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