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Concept OV2012

Concept OV2012 Dehumidifier with Air Purifier

Model: OV2012 | Brand: Concept

1. INTRODUCTION

The Concept OV2012 is a versatile appliance designed to improve indoor air quality by combining dehumidification with air purification. This device effectively reduces excess humidity, which can contribute to mold growth and discomfort, while simultaneously filtering airborne pollutants. It features a triple filtration system, intuitive touch controls, and smart app connectivity for convenient operation.





Figure 1: Front view of the Concept OV2012 Dehumidifier.

2. SAFETY INFORMATION

Please read all safety instructions carefully before using the appliance. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the power supply voltage matches the rating label on the appliance.
- Do not operate the unit with a damaged power cord or plug.
- Keep the appliance away from water and other liquids. Do not immerse it.
- Do not block air inlets or outlets. Ensure adequate space around the unit for proper airflow.
- Unplug the unit before cleaning, maintenance, or when not in use for extended periods.
- 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.
- Do not use the appliance in areas where flammable gases or vapors are present.

3. PRODUCT COMPONENTS

Familiarize yourself with the main parts of your Concept OV2012 dehumidifier.

- **Control Panel:** Touch-sensitive interface for setting modes and functions.
- **Air Outlet:** Where processed air is released.
- **Air Inlet/Filter Cover:** Located at the rear, provides access to the air filters.
- **Water Tank:** Collects condensed water.
- **Continuous Drainage Outlet:** Port for attaching a hose for continuous water drainage.
- **360° Rolling Wheels:** For easy movement of the unit.



Figure 2: Rear view of the dehumidifier, showing air intake and water tank.

4. CONTROL PANEL AND DISPLAY

The OV2012 features an intuitive touch control panel with a digital display and LED indicators.



Figure 3: Detailed view of the touch control panel.

- **Power Button:** Turns the unit on or off.
- **Mode Selection:** Cycles through operating modes (Automatic, Continuous, Laundry Drying, Fan).
- **Humidity Slider/Buttons:** Adjusts the desired humidity level.
- **Timer Button:** Sets the delayed on/off time (up to 24 hours).
- **Fan Speed:** Adjusts fan speed (usually two levels).
- **Ionizer Button:** Activates or deactivates the ionizer function.
- **LED Humidity Indicator:** Changes color based on current room humidity:
 - **Red:** High humidity (RH > 70%)
 - **Green:** Satisfactory humidity (70% ≥ RH ≥ 50%)
 - **Blue:** Low humidity (RH < 50%)

5. INITIAL SETUP

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Retain packaging for future storage or transport.
2. **Placement:** Place the unit on a firm, level surface. Ensure there is at least 20 cm of clear space around all sides for optimal airflow. The 360° rolling wheels allow for easy positioning.
3. **Power Connection:** Plug the power cord into a grounded electrical outlet.
4. **Water Tank:** Ensure the water tank is correctly inserted into the unit.

6. OPERATING MODES

The OV2012 offers four distinct operating modes to suit various needs:

- **Automatic Mode:** The dehumidifier automatically maintains the humidity level you select. The unit will cycle on and off to achieve and sustain the target humidity.
- **Continuous Operation:** Ideal for long-term drying of very wet areas. In this mode, the unit runs continuously

regardless of the ambient humidity. It is recommended to use the continuous drainage hose in this mode.

- **Laundry Drying Mode:** Accelerates the drying of laundry and helps prevent moisture buildup in the room, reducing the risk of mold.
- **Fan Mode (Air Purification without Dehumidification):** In this mode, the compressor is off, and only the fan and filtration system operate to purify the air without removing moisture.

Using the Concept Home Mobile Application

The OV2012 can be controlled remotely via the Concept Home mobile application, available for iOS and Android devices. This app allows you to:

- Turn the unit on or off.
- Select desired operating modes.
- Check the current air status in the room.
- Create a precise operating schedule for the dehumidifier.



Figure 4: The Concept Home mobile application for remote control.

7. WATER DRAINAGE

Water Tank Drainage

When the 2.2-liter water tank is full, the unit will automatically shut off, and an indicator light will illuminate. Carefully remove the water tank, empty it, and reinsert it securely to resume operation.

Continuous Drainage

For continuous operation without needing to empty the water tank, attach the included hose to the continuous drainage outlet. Direct the hose to a suitable drain, ensuring it is sloped downwards for proper water flow. This allows the unit to operate uninterrupted.

8. MAINTENANCE AND CLEANING

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

Filter System

The OV2012 features a triple filter system:

- **Dust Filter:** Captures coarse impurities like dust particles, hair, fur, and pollen. This filter should be cleaned regularly.
- **Activated Carbon Filter:** Absorbs toxic, suffocating, and foul-smelling gases and vapors, such as formaldehyde, benzene, and cigarette smoke. This filter requires periodic replacement (Optional accessory: Carbon filter - 42394390).
- **Ionizer:** Refreshes and purifies the air by increasing negatively charged ions, neutralizing odors and absorbing positively charged particles, viruses, and bacteria.

To clean the dust filter, remove the rear filter cover, gently remove the filter, and clean it with a vacuum cleaner or rinse it with water. Ensure it is completely dry before reinserting. Replace the activated carbon filter as recommended by the manufacturer or when you notice a decrease in odor removal effectiveness.



Figure 5: Illustration of the triple filtration system.

Cleaning the Water Tank

Periodically clean the water tank with mild detergent and warm water to prevent mold and bacterial growth. Rinse thoroughly and dry before reinserting.

Exterior Cleaning

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

9. TROUBLESHOOTING GUIDE

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

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Water tank full or incorrectly inserted.	Check power cord connection; Empty and reinsert water tank correctly.
No dehumidification	Room temperature too low; Air filters clogged; Humidity setting too high.	Ensure room temperature is above 5°C; Clean or replace filters; Lower the desired humidity setting.
Unit is noisy	Unit not on a level surface; Air filter clogged.	Place unit on a flat, stable surface; Clean or replace air filters.
Water tank full indicator remains on after emptying	Water tank not fully inserted; Sensor malfunction.	Push the water tank firmly into place; If problem persists, contact customer support.

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

10. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	OV2012
Dehumidification Performance (max)	12 liters/day (at 30°C, 80% RH)
Water Tank Volume	2.2 liters
Power Consumption	210 W (Note: Product description also mentions 245W, refer to product label for exact value)
Noise Level	≤ 45 dB
Dimensions (W x D x H)	250 x 250 x 460 mm (25 x 25 x 46 cm)
Item Weight	10.82 kg
Cable Length	1.8 m
Operating Modes	4 (Automatic, Continuous, Laundry Drying, Fan)
Filter System	Dust filter, Activated Carbon filter, Ionizer
Control	Touch control, Mobile App (Concept Home)
Special Features	Automatic Shut-off, Timer, 360° wheels, LED Humidity Indicator

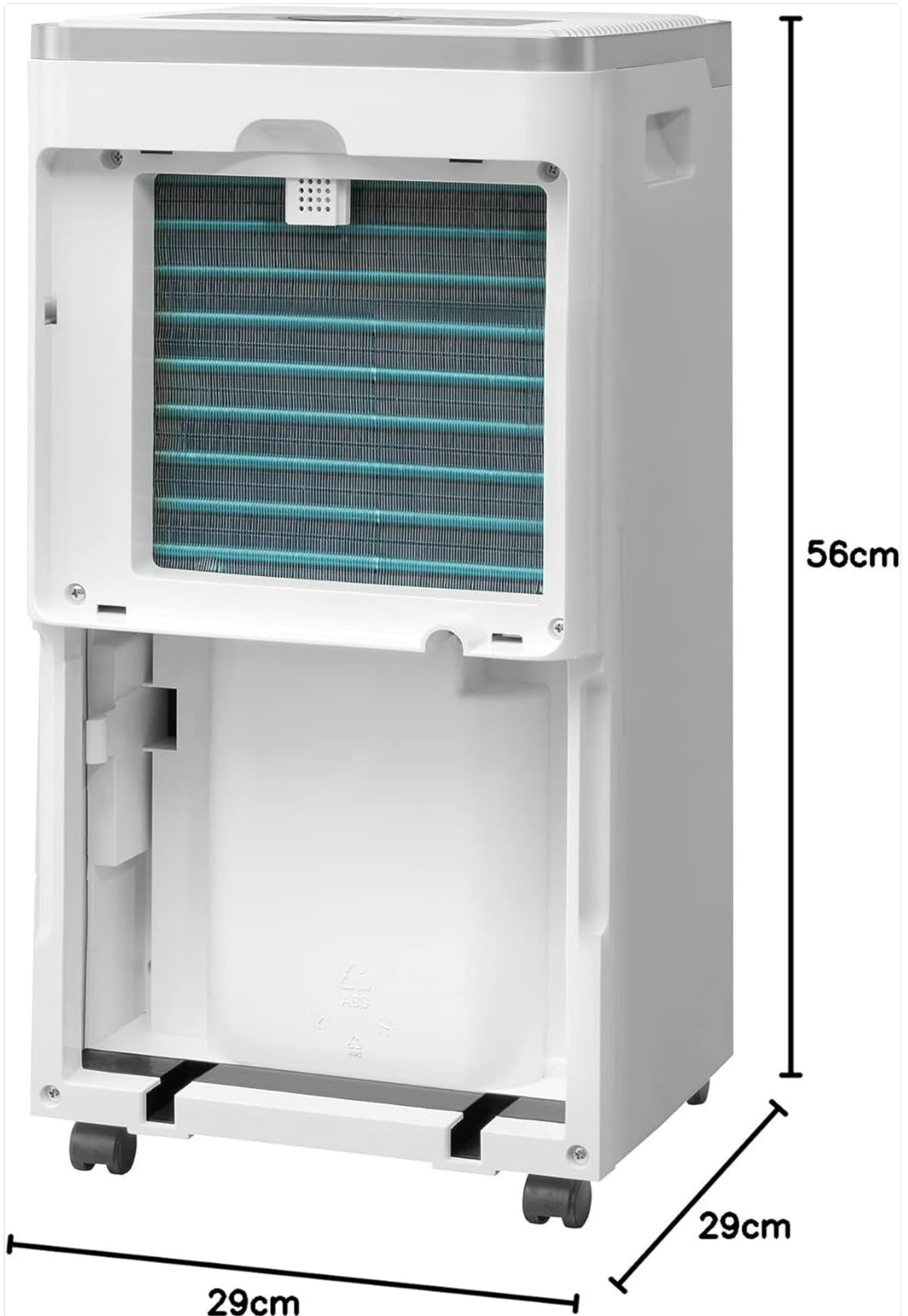


Figure 6: Product dimensions.

11. WARRANTY AND CUSTOMER SUPPORT

For warranty information, please refer to the warranty card included with your product or contact your local Concept distributor. For technical support, spare parts, or service inquiries, please contact Concept customer service. Contact details may be found on the product packaging or the official Concept website.

Example contact information from product packaging (may vary by region):

CZ: Zavolejte nám +420 465 471 400, www.my-concept.cz

SK: Zavolajte nám +421 326 583 465, www.my-concept.sk

PL: Zadzwoń do nas +48 71 339 04 44, www.my-concept.pl