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NineSky CT2

NineSky Dehumidifier CT2 User Manual

Model: CT2

1. INTRODUCTION

Thank you for choosing the NineSky Dehumidifier CT2. This appliance is designed to efficiently remove excess moisture from the air, creating a more comfortable and healthier environment in your home. Please read this manual thoroughly before operating the unit to ensure proper use, maintenance, and safety.

2. SAFETY INSTRUCTIONS

- Ensure the power supply voltage matches the rating label on the dehumidifier.
- Do not operate the unit with a damaged power cord or plug. Contact customer support for replacement.
- Always place the dehumidifier on a stable, level surface to prevent water spills.
- Keep the unit at least 8 inches (20 cm) away from walls or furniture to ensure proper airflow.
- Do not block the air inlet or outlet.
- Unplug the dehumidifier before cleaning, performing maintenance, or when not in use for extended periods.
- Do not immerse the unit, power cord, or plug in water or other liquids.
- This appliance is for indoor residential use only.
- Keep out of reach of children and pets.

3. PRODUCT OVERVIEW

Key Features

- **Advanced Semiconductor Condensation Technology:** Efficiently removes moisture with quiet operation.
- **Automatic Shut-Off:** Unit powers off when the water tank is full or incorrectly positioned.

- **7-Color LED Night Light:** Enhances ambiance with customizable lighting options.
- **Two Working Modes:** High Speed for rapid dehumidification and Night Mode for quiet, light-free operation.
- **Compact Design:** Ideal for spaces up to 1000 sq.ft., including bedrooms, bathrooms, and basements.

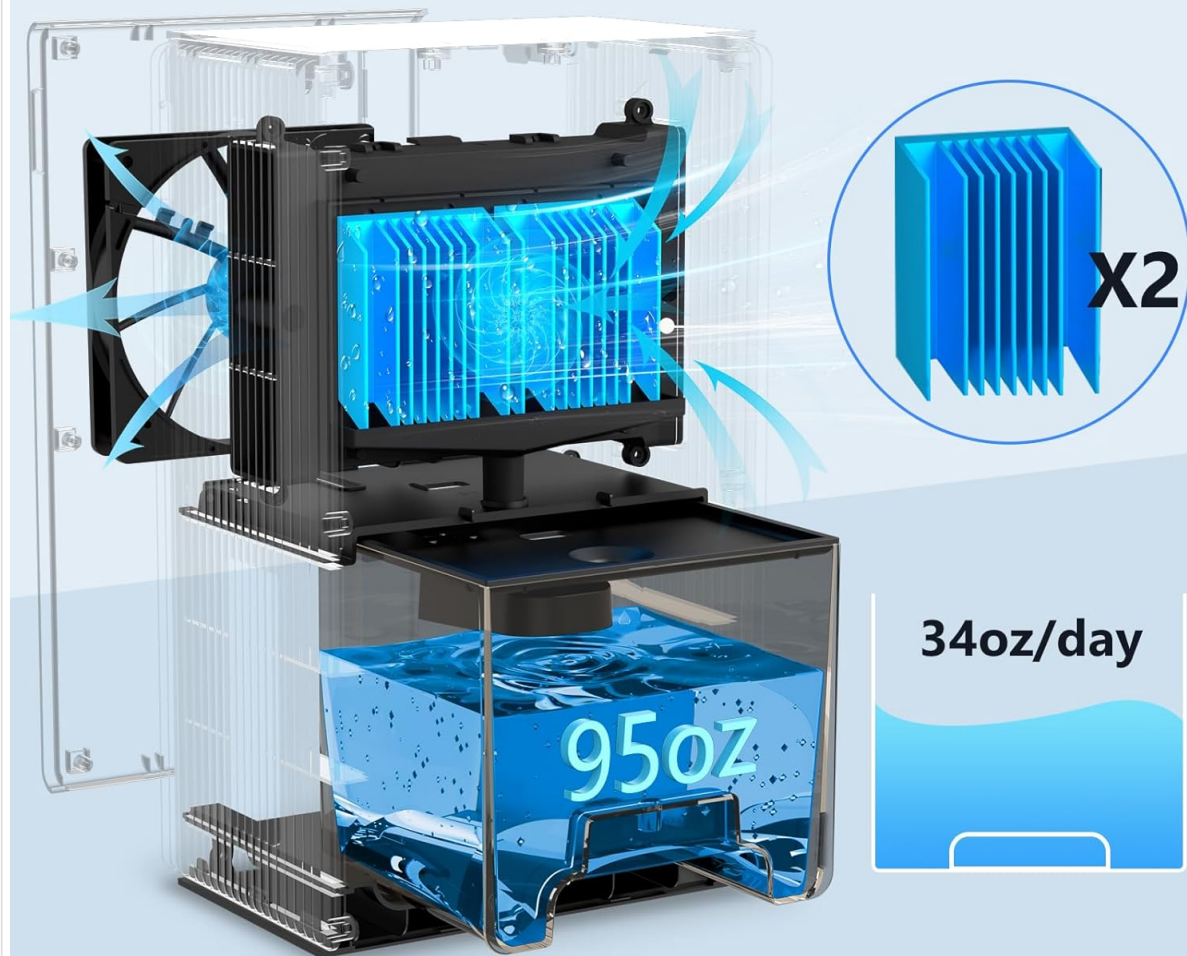
Components

Familiarize yourself with the main parts of your NineSky Dehumidifier:



Figure 3.1: Front view of the NineSky Dehumidifier CT2, showcasing the minimalist control panel at the top and the transparent water tank window at the bottom, allowing visual monitoring of water levels.

Dual Semiconductors High-Efficiency Dehumidification



* Absorb excess moisture up to 34oz/day (Tested in the environment of 86°F ,80% RH)

Figure 3.2: An internal diagram illustrating the dual semiconductor condensation technology and the 95 oz water tank, highlighting the dehumidification process where moist air enters, passes over cooling elements, and condensed water collects in the tank.

4. SETUP

1. **Unpack the Dehumidifier:** Carefully remove the unit from its packaging. Retain packaging materials for future storage or transport.
2. **Placement:** Place the dehumidifier on a firm, level surface in the desired location. Ensure there is at least 8 inches (20 cm) of clear space around the air inlet (sides) and air outlet (top) for optimal performance. Avoid placing it in direct sunlight or near heat sources.
3. **Power Connection:** Insert the power plug into a suitable electrical outlet. The unit is now ready for operation.

5. OPERATING INSTRUCTIONS

Control Panel

The control panel is located on the top front of the unit and features three touch buttons:

- **Power Button** (): Turns the unit On or Off.
- **Mode Button** (): Switches between High Speed Mode and Night Mode.
- **Light Button** (): Controls the LED night light.

Power On/Off

Press the **Power Button** () once to turn the dehumidifier on. Press it again to turn the unit off.

Working Modes

The NineSky Dehumidifier offers two distinct working modes:



Figure 5.1: The control panel of the NineSky Dehumidifier, illustrating the two working modes: Day Mode for fast dehumidification (30-40dB) and Night Mode for quiet operation with lights off (<30dB).

- **High Speed Mode (Day Mode):** Press the **Mode Button** () to select this mode for rapid and powerful dehumidification. The fan operates at a higher speed, and the noise level is typically between 30-40dB.
- **Night Mode:** Press the **Mode Button** () again to switch to Night Mode. In this mode, the dehumidifier operates at a lower fan speed for quieter performance (below 30dB), and all indicator lights, including the LED night light, are turned off to ensure an undisturbed sleeping environment.

LED Night Light Operation

The unit features a 7-color LED night light. Use the **Light Button** () to control it:



Figure 5.2: A close-up of the NineSky Dehumidifier's control panel, detailing the operation of the 7-color LED light feature. It shows how to cycle through colors, select a static color, or turn the light off.

1. **First Tap:** The 7 LED colors will begin to cycle automatically.
2. **Second Tap:** The light will pause on the currently displayed color, locking your preferred color.
3. **Third Tap:** The LED night light will turn off.
4. **Fourth Tap:** The 7 LED colors will begin to cycle again.

Automatic Shut-Off Protection

The NineSky Dehumidifier is equipped with an automatic shut-off feature for safety and convenience:

Auto Shut Off Protection



Figure 5.3: A visual representation of the auto shut-off protection. One image shows the dehumidifier working normally with a blue light in the water tank, while the other shows the tank full, indicated by a red light and automatic shutdown.

- When the 95 oz water tank is full, the unit will automatically turn off. The indicator light will turn red, and an audible sound may be emitted.
- If the water tank is not correctly positioned or installed, the unit will also automatically shut off to prevent spills and ensure safe operation.
- After emptying the water tank and reinserting it correctly, the dehumidifier will resume operation in its previous setting.

6. MAINTENANCE

Emptying the Water Tank

1. When the water tank is full, the dehumidifier will automatically shut off, and the indicator light will turn red.
2. Gently pull out the water tank from the front of the unit.
3. Carefully pour out the collected water.
4. Slide the empty water tank back into the dehumidifier until it clicks into place. Ensure it is securely

seated.

5. The unit will automatically resume operation.

Cleaning the Dehumidifier

- **Exterior Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Air Inlet/Outlet:** Periodically check the air inlet and outlet for dust or debris. Use a soft brush or vacuum cleaner attachment to gently remove any blockages.
- **Water Tank Cleaning:** Clean the water tank regularly with mild soap and water to prevent mold or mildew growth. Rinse thoroughly before reinserting.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply. Power cord not properly connected.	Ensure the unit is plugged into a working outlet. Check power cord connection.
No water collected.	Ambient humidity is too low. Temperature is too low. Air inlets/outlets are blocked.	The unit may not collect water if humidity is below 40% RH or temperature is below 41°F (5°C). Ensure proper airflow by clearing any obstructions.
Unit stops working and indicator light is red.	Water tank is full. Water tank is not correctly installed.	Empty the water tank and reinsert it correctly. Ensure it clicks into place.
Unit is noisy.	Unit is on an uneven surface. Air inlets/outlets are blocked.	Place the unit on a flat, stable surface. Clear any obstructions from air inlets/outlets. If in High Speed Mode, switch to Night Mode for quieter operation.

8. SPECIFICATIONS

Specification	Detail
Brand	NineSky
Model Name	CT2
Floor Area Coverage	Up to 1000 sq.ft.
Water Tank Capacity	95 OZ (2.8 Liters)
Dehumidification Capacity	1 Liters per Day
Product Dimensions (D x W x H)	5.5" x 8.3" x 14"
Item Weight	16 Ounces (0.45 kg)
Material	Plastic
Number of Speeds	2 (High Speed, Night Mode)
Special Feature	Automatic Shutoff, 7-Color LED Light
Recommended Use	Residential
Upper Temperature Rating	40 Degrees Celsius (104°F)
UPC	751300127316

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the warranty card included with your product or contact NineSky customer service directly. You can typically find contact details on the official NineSky website or through your purchase platform.