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RUWORA RUD1

RUWORA Dehumidifier User Manual

Model: RUD1

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1. INTRODUCTION

Thank you for choosing the RUWORA Dehumidifier. This manual provides essential information for the safe and efficient operation of your new appliance. Please read it thoroughly before use and retain it for future reference.

This dehumidifier is designed to reduce excess moisture in the air, helping to prevent mold, mildew, and musty odors in spaces up to 950 square feet, such as bathrooms, bedrooms, closets, and small basements.

2. IMPORTANT SAFETY INFORMATION

- Read all instructions before using the appliance.
- Do not operate the dehumidifier with a damaged cord or plug.
- Ensure the unit is placed on a stable, level surface.
- Keep the air inlets and outlets clear of obstructions.
- Do not immerse the unit, cord, or plug in water or other liquids.
- Unplug the unit before cleaning or performing any maintenance.
- This appliance is for indoor use only.

3. PRODUCT OVERVIEW

The RUWORA Dehumidifier (Model RUD1) features a compact design with advanced dehumidification technology. Key components include:

- **Control Panel:** Intuitive touch controls for power, light, and mode selection.
- **Water Tank:** 85 oz (2.4 Liters) capacity with visible water level and auto shut-off feature.
- **Dual Semiconductor Condensers:** For efficient moisture removal.

- **Air Inlet/Outlet:** Located on the sides and top for optimal airflow.
- **7-Color LED Light:** Adjustable ambient lighting feature.



Figure 3.1: Front view of the RUWORA Dehumidifier, showing the control panel and water tank.

High-efficiency Dehumidifier with Dual Semiconductors



Up to 35oz/day
(Tested in the environment of 86° F, 80% RH)

Figure 3.2: Internal components illustrating the dual semiconductor condensers and the 85 oz water tank capacity.

4. SETUP

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Retain all packaging materials for future storage or transport.
2. **Placement:** Place the unit on a firm, level surface in the desired room. Ensure there is at least 8 inches (20 cm) of space around the air inlets and outlets for proper airflow. Avoid placing it directly against walls or furniture.
3. **Power Connection:** Plug the power cord into a suitable electrical outlet (120V AC, 60Hz).
4. **Initial Check:** Ensure the water tank is properly seated and empty before first use.

5. OPERATING INSTRUCTIONS

5.1 Control Panel

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

- **Power Button** (⏻): Press to turn the unit ON or OFF.
- **Light Button** (💡): Press to cycle through the 7 LED light colors or turn the light off.
- **Mode Button** (⏸): Press to switch between High Power Mode and Sleep Mode.



Figure 5.1: Close-up of the control panel with its three intuitive buttons.

5.2 Operating Modes

- **High Power Mode (Day Mode):** This is the default operating mode, providing maximum dehumidification with a 2300 rpm motor. Noise level is typically between 30-40 dB.
- **Sleep Mode (Night Mode):** Activates ultra-quiet operation at approximately 30 dB for minimal disturbance during sleep. The LED light can be turned off in this mode.



Figure 5.2: Illustration of the two working modes: Day Mode for fast dehumidification and Night Mode for quiet operation.

5.3 Auto Shut-off Function


The dehumidifier is equipped with an auto shut-off feature for safety and convenience. When the 85 oz water tank is full, the unit will automatically turn off, and a red indicator light will flash to alert you that the tank needs emptying.

Keep Away From High Humidity Problem



Figure 5.3: Visual representation of the auto shut-off feature, with the unit displaying a red light when the water tank is full.

5.4 7-Color LED Light

Enhance your room's ambiance with the integrated 7-color LED light. Press the Light Button  to cycle through individual colors or a gradient cycle. The light can be turned off at any time by pressing the button until it deactivates.

Two Working Mode Options



Figure 5.4: Examples of the 7 colorful atmosphere lights available on the dehumidifier.

6. MAINTENANCE

6.1 Emptying the Water Tank

1. When the water tank is full, the unit will automatically shut off and the red indicator light will flash.
2. Carefully pull out the water tank from the front of the unit.
3. Remove the tank cover and pour out the collected water.
4. Rinse the tank with clean water if necessary.
5. Replace the tank cover and slide the empty tank back into the unit until it clicks into place. The unit will resume

operation automatically.

6.2 Cleaning the Unit

- Always unplug the dehumidifier before cleaning.
- Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Periodically clean the air inlets and outlets to ensure optimal performance. Use a soft brush or vacuum cleaner attachment to remove dust.
- The internal components, such as the semiconductor condensers, do not require user maintenance.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; Power cord not plugged in; Water tank not properly seated.	Check power outlet; Ensure power cord is securely plugged in; Re-seat the water tank correctly.
Red indicator light flashing.	Water tank is full.	Empty the water tank and re-insert it properly.
Dehumidifier not collecting water.	Room humidity is too low; Air inlets/outlets are blocked; Temperature is too low.	Ensure room humidity is above 40% RH; Clear any obstructions; Unit operates best above 41°F (5°C).
Unit is noisy.	Operating in High Power Mode; Unit not on a level surface.	Switch to Sleep Mode for quieter operation; Ensure unit is on a stable, level surface.

8. SPECIFICATIONS

Brand: RUWORA

Model Name: RUD1

Floor Area Coverage: Up to 950 sq ft

Dehumidification Capacity: Up to 35 oz (1000 ml) per day (at 86°F, 80% RH)

Water Tank Capacity: 85 oz (2.4 Liters)

Product Dimensions: 7.87"D x 5.49"W x 13.58"H

Item Weight: 5.8 Pounds

Wattage: 72 watts

Operation Modes: High Power, Sleep

Special Features: Portable, Automatic Shutoff, 7 Colors LED Light

Included Components: 1* Dehumidifier; 1* User Manual

9. WARRANTY & SUPPORT

RUWORA products are manufactured to the highest quality standards. This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your packaging for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact RUWORA customer service. You can typically find contact information on the product packaging or on the official RUWORA website.

Customer Service Commitment: RUWORA is dedicated to providing high-quality products and excellent customer service. If you have any issues with our products, we promise to respond to your messages within 24 hours.

