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CLEVAST CL-DH004

CLEVAST CL-DH004 Small Dehumidifier User Manual

Model: CL-DH004

1. INTRODUCTION

Thank you for choosing the CLEVAST CL-DH004 Small Dehumidifier. This compact and portable unit is designed to efficiently remove excess moisture from small spaces, improving air quality and comfort. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety.



Image 1.1: Front view of the CLEVAST CL-DH004 Small Dehumidifier.

2. IMPORTANT SAFETY INSTRUCTIONS

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

- Read all instructions before using the appliance.
- Ensure the power supply matches the voltage specified on the rating label.
- Do not operate the dehumidifier with a damaged cord or plug. If the cord is damaged, it must be replaced by the manufacturer or a qualified service agent.
- Always place the unit on a stable, level surface to prevent tipping and water spillage.
- Do not block the air intake at the back or the air outlet on the top of the dehumidifier, as this may affect its performance and lead to overheating. Maintain at least 10 cm (4 inches) clearance around the unit.
- Do not use the appliance in wet or damp environments such as bathrooms with standing water, or outdoors.
- Unplug the dehumidifier before cleaning, performing maintenance, or when not in use for extended periods.
- Keep the appliance out of reach of children and pets.
- Optimal operating temperature range is 68–108°F (20–42°C). Performance may decrease outside this range.

3. PRODUCT COMPONENTS

Familiarize yourself with the main parts of your CLEVAST CL-DH004 Dehumidifier:

Simple to Operate & Safe to Use

Features a one-button control switch that automatically shuts off when the water tank is full



Off



On



Auto shut off



Image 3.1: Back view with labeled components.

1. **One-Touch Switch:** Power button for easy operation.
2. **Built-in Handle:** For convenient portability.
3. **Air Outlet:** Located on the top, where dry air is expelled.
4. **Air Intake:** Located on the back, where humid air is drawn in.
5. **Water Tank:** Collects condensed moisture.
6. **Water Level Window:** Visible indicator on the front to monitor water level.
7. **Power Port:** For connecting the power cord.

4. SETUP

Follow these steps to set up your dehumidifier:

1. **Unpack:** Carefully remove the dehumidifier from its packaging. Retain packaging for future storage or transport.
2. **Placement:** Place the unit on a firm, level surface in the desired location. Ensure there is at least 10 cm (4 inches) of clear space around the air intake (back) and air outlet (top) for optimal air circulation. Avoid placing it near heat sources or in direct sunlight.
3. **Power Connection:** Insert the power cord into the power port on the back of the unit, then plug the other end into a suitable electrical outlet.

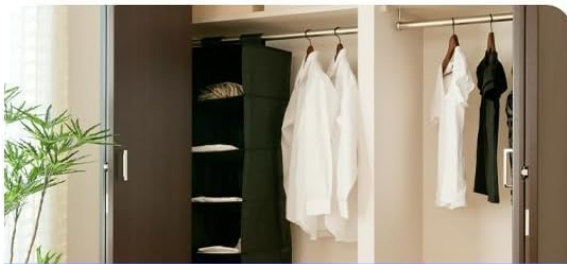
Compact Portable Design



Bedroom



Bathroom



Wardrobe



RV



Cabinet



Study



Net weight: 2.18lb

5. OPERATING INSTRUCTIONS

The CLEVAST CL-DH004 Dehumidifier features simple one-button control for ease of use.

5.1 Power On/Off

- To turn on the dehumidifier, press the one-touch power button located on the top of the unit. The button will illuminate with a blue backlight, indicating it is operating.
- To turn off the dehumidifier, press the power button again. The blue backlight will turn off.

5.2 Automatic Shut-Off

The dehumidifier is equipped with an automatic shut-off function for safety and convenience:

- When the water tank is full, the unit will automatically stop operating to prevent overflow.
- The blue backlight on the power button will change to orange, signaling that the water tank needs to be emptied.

5.3 Dehumidification Technology

This dehumidifier utilizes semiconductor condensation technology to efficiently remove moisture from the air without chemical refrigerants. Humid air is drawn in, passes over a cooling element where moisture condenses into water, and then dry air is released back into the room.

Semiconductor Condensation Technology

Fast dehumidification through physical methods



Image 5.1: Semiconductor Condensation Technology overview.

5.4 Quiet Operation

Operating at approximately 24 dB, the CL-DH004 is designed for quiet performance, making it suitable for bedrooms, nurseries, and offices where minimal noise is desired.

24dB Ultra Quiet

Peaceful sleep all night



Image 5.2: Quiet operation for peaceful environments.

5.5 Energy Efficiency

The dehumidifier is energy-efficient, consuming less than 0.55 kWh per day, contributing to lower energy costs.

Energy-efficient

With power usage less than 0.55 kWh per 24 hours



Image 5.3: Energy-efficient operation.

5.6 Product Overview Video

Watch this video for a visual overview of the CLEVAST Small Dehumidifier's features and operation.

Your browser does not support the video tag.

Video 5.4: CLEVAST Dehumidifier - For Small Space. This video demonstrates the portable design, one-button control, semiconductor condensation technology, efficient dehumidification, 30oz water tank, visible water level window, auto shut-off, easy water pouring, energy saving, and ultra-quiet operation of the dehumidifier.

6. MAINTENANCE

6.1 Emptying the Water Tank

When the water tank is full, the dehumidifier will automatically shut off, and the power button light will turn orange. Follow these steps to empty the tank:

1. Gently pull out the water tank from the back of the unit.
2. Carefully remove the lid from the water tank.
3. Pour the collected water into a sink or drain.
4. Replace the lid securely on the water tank.
5. Slide the empty water tank back into the dehumidifier until it clicks into place.
6. Press the power button to resume operation.

6.2 Cleaning

- **Exterior:** Wipe the exterior of the dehumidifier with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Air Vents:** Use a soft brush or vacuum cleaner attachment to gently remove dust and debris from the air intake and outlet vents.
- **Water Tank:** Clean the water tank periodically with mild soap and water to prevent mold or mildew buildup. Rinse thoroughly before reinserting.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply.	Ensure the power cord is securely plugged into both the unit and a working electrical outlet.
Dehumidifier is running but not collecting water.	Low room humidity or temperature.	The unit operates best in environments with higher humidity (above 45% RH) and temperatures between 68–108°F (20–42°C). Performance will be reduced in cooler or drier conditions.
	Air intake or outlet blocked.	Ensure there is sufficient clearance around the unit and that vents are not obstructed.
Power button light is orange.	Water tank is full.	Empty the water tank and reinsert it properly. The unit will resume operation.
Unit is making unusual noise.	Unit not on a level surface.	Place the dehumidifier on a flat, stable surface.

8. SPECIFICATIONS

Feature	Specification
Brand	CLEVAST
Model Number	CL-DH004
Product Dimensions (D x W x H)	4.57" x 6.5" x 9.25"
Item Weight	2.1 Pounds
Water Tank Capacity	30 oz (0.85 Liters / 850 Milliliters)
Dehumidification Capacity	10 oz (295 ml) per 24 hours (at 86°F, 85%RH)
Coverage Area	Up to 275 sq. ft
Noise Level	24 dB
Wattage	27 watts
Operation Mode	Continuous
Special Features	Automatic Shutoff, Portable, Quiet Operation, Removable Tank
Material	Plastic

9. WARRANTY AND SUPPORT

For warranty information, technical support, or any questions regarding your CLEVAST CL-DH004 Small Dehumidifier, please contact CLEVAST customer service. Refer to the product packaging or the official CLEVAST website for the most current contact details.

Please have your model number (CL-DH004) and purchase information ready when contacting support.