

## LUKO OL10-009C

# LUKO Home Dehumidifier User Manual

Model: OL10-009C

## 1. INTRODUCTION

Thank you for choosing the LUKO Home Dehumidifier. This appliance is designed to effectively remove excess moisture from the air, creating a more comfortable and healthier environment in your home. This manual provides important information regarding the installation, operation, maintenance, and troubleshooting of your dehumidifier. Please read it thoroughly before use and retain it for future reference.





Figure 1.1: LUKO 30 Pint Home Dehumidifier (Model OL10-009C)

## 2. SAFETY INSTRUCTIONS

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To prevent injury to the user or property damage, please observe the following safety precautions. Failure to follow these instructions may result in electric shock, fire, or injury.

- Always plug the unit into a grounded electrical outlet. Do not remove the ground prong.
- Do not operate the unit with a damaged power cord or plug.
- Do not use extension cords or adapter plugs.
- Ensure the unit is placed on a level, stable surface to prevent tipping.
- Keep the unit at least 8 inches (20 cm) away from walls or other objects to ensure proper airflow.
- Do not insert fingers or foreign objects into the air inlet or outlet.
- Unplug the dehumidifier before cleaning or performing any maintenance.
- Do not use the unit in areas where flammable gases or combustible materials are present.
- This appliance is for residential use only.

## 3. PRODUCT OVERVIEW

## 3.1 Components

- Control Panel
- Air Outlet (with adjustable louver)
- Air Inlet (with washable filter)
- Water Tank / Water Reservoir
- Continuous Drain Outlet
- Power Cord
- Top Handle
- Easy-Roll Casters

## 3.2 Control Panel

The intuitive control panel allows for easy operation and monitoring of the dehumidifier's functions.



Figure 3.1: Intuitive Control Panel

- **Power Button:** Turns the unit On or Off.
- **Humidity Setting Buttons:** Adjusts the desired humidity level (typically 40%-80%).
- **Fan Speed Button:** Toggles between Low and High fan speeds.
- **Timer Button:** Sets the auto-on or auto-off timer (1-24 hours).
- **Display:** Shows current humidity, set humidity, or timer settings.
- **Full Indicator:** Illuminates when the water tank is full.
- **Defrost Indicator:** Illuminates when the unit is in defrost mode.

## 4. SETUP

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### 4.1 Unpacking and Placement

1. Remove all packaging materials from the dehumidifier.
2. Place the unit upright on a firm, level surface in the area where dehumidification is desired.
3. Ensure there is at least 8 inches (20 cm) of space around all sides of the unit for proper air circulation.
4. The unit is portable with a top handle and easy-roll casters, allowing it to be moved to various locations such as bathrooms, bedrooms, storerooms, or caravans.

## 2 Optional Draining Methods



### Continuous Drainage

Included 3.3ft Long Drain Pipe



### 51 oz Water Reservoir

Drawer Style Water Reservoir  
Easy to Pull in/out



Figure 4.1: Easy Portability with Top Handle and Casters

## 4.2 Power Connection

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

## 4.3 Drainage Options

Your LUKO dehumidifier offers two convenient drainage methods:

# LUKO Home Dehumidifier



## Performance

|                       |                      |
|-----------------------|----------------------|
| Max. Moisture Removal | 30 PPD               |
| Max. Applicable Area  | 1600 FT <sup>2</sup> |

## Function

|                  |         |
|------------------|---------|
| Humidity Setting | 40%-80% |
| Timer            | 24 Hrs  |
| Auto Defrost     | Yes     |

## Specificaion

|                 |          |
|-----------------|----------|
| Water Reservoir | 51 oz    |
| Drain Hose      | 3.3 ft   |
| Noise           | ≤45dB(A) |

## More Details

|                     |        |
|---------------------|--------|
| Washable Filter     | Yes    |
| Warranty            | 2-Year |
| Safty Certification | cETL   |

Figure 4.2: Two Optional Draining Methods

1. **Manual Drainage (Water Reservoir):** The unit will collect water in the internal 51 oz water reservoir. When the reservoir is full, the unit will automatically shut off and the 'Full' indicator will illuminate. Empty the reservoir by pulling it out, discarding the water, and reinserting it.
2. **Continuous Drainage:** For continuous operation without emptying the tank, attach the included 3.3 ft long drain pipe to the continuous drain outlet on the back of the unit. Ensure the hose is sloped downwards to allow gravity to drain the water to a suitable floor drain or sink.

## 5. OPERATING INSTRUCTIONS

The LUKO dehumidifier is designed for efficient and quiet operation, effectively reducing humidity levels from approximately 85% to 45% in areas up to 1600 sq ft.



Figure 5.1: 360° Dehumidification Effectiveness

## 5.1 Power On/Off

Press the **Power** button to turn the unit on or off.

## 5.2 Setting Desired Humidity

Use the **Humidity Setting** buttons (up/down arrows) to set your desired humidity level. The unit will operate until the ambient humidity reaches the set level, then it will cycle off. It will restart automatically when the humidity rises above the set point.

## 5.3 Fan Speed Adjustment

Press the **Fan Speed** button to switch between Low and High fan speeds. Higher fan speed results in faster dehumidification.

## 5.4 Timer Function

Press the **Timer** button to set an auto-on or auto-off time (1-24 hours). Each press increases the time by one hour.

The unit will turn on or off after the set number of hours.

## 5.5 Auto Defrost

The unit features an automatic defrost function. If frost builds up on the evaporator coils, the compressor will temporarily turn off, and the fan will continue to run to melt the frost. The 'Defrost' indicator will illuminate during this process. Once defrosted, the unit will resume normal operation.

## 5.6 Quiet and Efficient Operation

The LUKO dehumidifier operates quietly, with noise levels typically around 40-45dB, comparable to a quiet refrigerator or a low hum. It is also designed for low energy consumption, using approximately 210W, which is less than many common household appliances.



Figure 5.2: Dehumidify Silently & Efficiency

## 6. MAINTENANCE

Regular maintenance helps ensure optimal performance and extends the lifespan of your dehumidifier.

## 6.1 Emptying the Water Tank

When the water tank is full, the unit will stop operating and the 'Full' indicator will light up. Carefully pull out the water tank, empty the collected water, and slide the tank back into place until it clicks securely. The unit will then resume operation.

## 6.2 Cleaning the Air Filter

The dehumidifier is equipped with a washable air filter. A dirty filter can reduce efficiency and airflow. It is recommended to clean the filter every two weeks or more frequently depending on usage and air quality.

1. Turn off the unit and unplug it from the power outlet.
2. Remove the air filter from the back of the unit.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting it into the unit. Do not use a dryer or direct heat.

## 6.3 Cleaning the Unit Exterior

Wipe the exterior of the dehumidifier with a soft, damp cloth. Do not use harsh chemicals, abrasives, or solvents, as these may damage the surface.

## 6.4 Storage

If storing the unit for an extended period, ensure the water tank is empty and clean, and the air filter is clean and dry. Coil the power cord neatly. Store the unit in an upright position in a cool, dry place, away from direct sunlight and extreme temperatures.

# 7. TROUBLESHOOTING

Before contacting customer support, please refer to the following troubleshooting guide for common issues.

| Problem                            | Possible Cause                                                             | Solution                                                                                                        |
|------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Unit does not turn on.             | No power; Power cord loose; Water tank full.                               | Check power outlet; Ensure power cord is securely plugged in; Empty water tank and reinsert properly.           |
| Unit runs but does not dehumidify. | Air filter clogged; Room temperature too low; Humidity setting too high.   | Clean air filter; Unit may not operate effectively below 41°F (5°C); 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 air filter.                                                         |
| Water leaks from unit.             | Water tank not inserted correctly; Continuous drain hose loose or clogged. | Reinsert water tank firmly; Check continuous drain hose connection and ensure it is not kinked or blocked.      |
| Frost on coils.                    | Room temperature too low.                                                  | This is normal during defrost cycle. Unit will automatically defrost. If persistent, increase room temperature. |

8. SPECIFICATIONS

Key specifications for the LUKO Home Dehumidifier, Model OL10-009C.



Figure 8.1: Product Dimensions and Specifications

| Feature                   | Specification          |
|---------------------------|------------------------|
| Brand                     | LUKO                   |
| Model Name                | OL10-009C              |
| Moisture Removal Capacity | 30 Pints/Day           |
| Applicable Area           | Up to 1600 Square Feet |
| Humidity Setting Range    | 40% - 80%              |

| Feature                        | Specification                                  |
|--------------------------------|------------------------------------------------|
| Water Reservoir Capacity       | 51 oz (approx. 3.2 lbs)                        |
| Continuous Drain Hose Length   | 3.3 ft                                         |
| Noise Level                    | ≤45dB(A)                                       |
| Product Dimensions (L x W x H) | 7 x 11 x 19 inches                             |
| Item Weight                    | 27 pounds                                      |
| Material                       | Plastic                                        |
| Special Features               | Portable, Timer, Auto Defrost, Washable Filter |
| Certifications                 | cETL                                           |

## 9. WARRANTY AND SUPPORT

### 9.1 Warranty Information

The LUKO Home Dehumidifier (Model OL10-009C) comes with a 2-Year Warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

### 9.2 Customer Support

If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact LUKO customer support. Provide your product model number and purchase details when contacting support for faster service.

For the latest support information and contact details, please visit the official LUKO website or refer to the contact information provided with your purchase.

### ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question