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Lienuis OL20-D068H

Lienuis 50 Pint Dehumidifier User Manual

Model: OL20-D068H

INTRODUCTION

Thank you for choosing the Lienuis 50 Pint Dehumidifier. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new appliance. Please read it thoroughly before use and retain it for future reference.





Figure 1: Lienuis 50 Pint Dehumidifier (Model OL20-D068H)

IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury when using your dehumidifier, follow these basic precautions:

- Read all instructions before using the appliance.
- Ensure the dehumidifier stands upright for at least 24 hours before plugging it in. This allows the refrigerant to settle.
- Do not operate the unit with a damaged cord or plug.
- Do not block air inlets or outlets.
- Always unplug the unit before cleaning or servicing.
- Keep out of reach of children. The child lock function should be utilized.
- Use only as described in this manual.



Figure 2: Child Lock Function for enhanced safety.

SETUP AND INSTALLATION

1. Unpacking

Carefully remove the dehumidifier from its packaging. Inspect for any shipping damage. Retain the packaging for future storage or transport.

2. Placement

Place the dehumidifier on a flat, stable surface in the area where humidity control is desired. Ensure there is at least 8 inches (20 cm) of space around the unit for proper airflow. This unit is suitable for areas up to 4500 sq ft, including basements, bedrooms, bathrooms, homes, offices, and crawlspaces.

Efficient Moisture Removal

Ideal for Large Room and Basement

Up to **50** Prints/Day
Removed(95F,90%)

30%-80% RH
Customizable Humidity



Up to
4500 sq.ft
Coverage Area

Figure 3: Optimal placement ensures efficient moisture removal across up to 4500 sq ft.

3. Drainage Options

Your Lienuis dehumidifier offers two drainage methods:

- 1. Manual Drainage (1.06 Gallon Tank):** The unit will collect water in its internal 1.06-gallon (4L) water tank. When the tank is full, the unit will automatically shut off and display an "FL" (Full) indicator. Empty the tank and reinsert it to resume operation.
- 2. Continuous Drainage:** For uninterrupted operation, connect the included 3.4 ft drain hose to the continuous

drainage port on the back of the unit. Route the hose to a suitable drain (e.g., floor drain, sink). Ensure the hose is sloped downwards to allow gravity drainage.

Drain Anytime, Anywhere



Manual Drainage
1.06 Gal Water Tank



Automatic Drainage
Included 3.4 ft drain hose



Water Full

(the indicator lights up, and the dehumidifier shuts off)



1.06 Gal



Drain pipe length: **3.4ft**

Figure 4: Choose between manual tank drainage or continuous drainage with the included hose.

4. Power Connection

After placing the unit and setting up drainage, plug the power cord into a grounded electrical outlet. Ensure the voltage matches the unit's requirements.

Control Panel Overview



Figure 5: Intuitive electronic control panel for easy operation.

POWER Button: Press to turn the unit ON or OFF.

MODE Button: Cycle through DEHU, DRY, and SLEEP modes.

HUMI Button: Adjust the target humidity level from 30% to 80% Relative Humidity (RH).

TIMER Button: Set a 24-hour timer for automatic ON/OFF operation.

SPEED Button: Select fan speed (Normal/High).

LOCK Button: Activate/deactivate the child lock function to prevent accidental changes.

Operating Modes

- **DEHU Mode:** Allows precise adjustment of humidity to your target level (30%-80% RH). The unit will operate to maintain this set humidity.
- **DRY Mode:** Designed for efficiently drying clothes. This mode operates continuously at a high fan speed to remove moisture quickly.
- **SLEEP Mode:** Provides whisper-quiet operation (approx. 40dB) and optimizes energy consumption for a restful environment. The display lights will dim.

3 Modes for Various Usage



DEHU
Set humidity
30-80% RH



DRY
Fast drying
clothes



Sleep
Lights off and dimmed,
noise is only 41dB"



Figure 6: Select from DEHU, DRY, or SLEEP modes to suit your needs.

Whisper-Quiet Operation

Ensure a quiet environment for focus,
and undisturbed sleep relaxation, 24h Timer



Figure 7: Enjoy quiet operation and schedule with the 24-hour timer.

Humidity Level Indicator

The digital display features a three-color indicator to quickly assess current humidity levels:

- **Blue:** Humidity \leq 45%
- **Green:** Humidity 45% - 65%
- **Red:** Humidity \geq 65%



Figure 8: The display color indicates the current humidity level.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

1. Cleaning the Air Filter

The washable filter should be cleaned every two weeks or more frequently depending on usage and air quality. A clean filter improves efficiency and air quality.

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Remove the 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.



Figure 9: The washable filter is easy to remove and clean.

2. Emptying the Water Tank

If you are using manual drainage, the unit will stop operating when the water tank is full. The display will show "FL" and an alarm may sound.

1. Gently pull out the water tank from the front of the unit.

2. Carefully empty the collected water.
3. Clean the tank periodically with mild detergent and water to prevent mold and mildew growth.
4. Reinsert the empty tank firmly into the unit until it clicks into place. The dehumidifier will resume operation.

Your browser does not support the video tag.

Video 1: Demonstrates the "FL" (Full) alert and how to remove and empty the water tank.

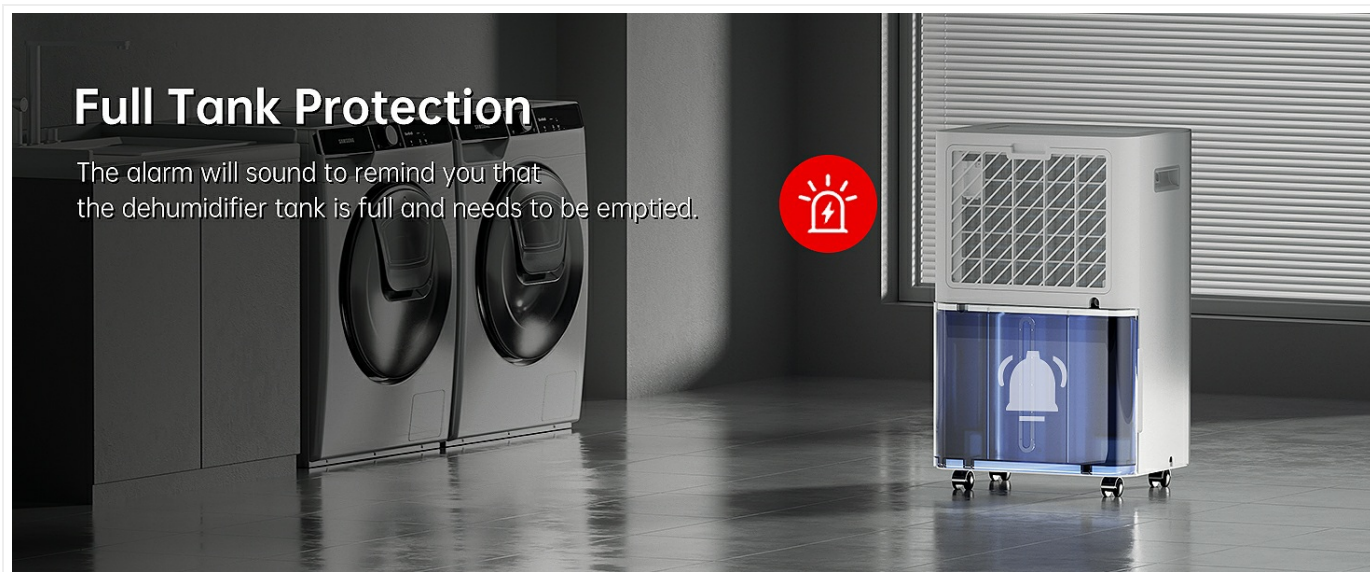


Figure 10: The unit alerts you when the water tank is full.

TROUBLESHOOTING

Before contacting customer support, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power; Power cord not plugged in; Water tank full or not properly inserted.	Check power supply; Ensure cord is securely plugged in; Empty and reinsert water tank correctly.
"FL" indicator is on.	Water tank is full.	Empty the water tank and reinsert it.
Unit is not collecting water.	Humidity level set too high; Room temperature too low; Air filter clogged; Unit too small for space.	Lower target humidity; Ensure room temperature is above 41°F (5°C); Clean air filter; Consider unit capacity for room size.
Unit is noisy.	Unit not on a level surface; Air filter clogged; Obstruction in fan.	Place on a flat, stable surface; Clean air filter; Check for and remove any obstructions.
Frost on coils.	Low room temperature.	The unit has an automatic defrost function. It will temporarily stop dehumidifying to melt the frost. If persistent, increase room temperature.



Figure 11: The dehumidifier features an automatic defrost system.

SPECIFICATIONS

Feature	Detail
Brand	Lienuis
Model Name	OL20-D068H
Dehumidification Capacity	50 Pints per Day (95°F, 90% RH)
Coverage Area	Up to 4500 Square Feet
Humidity Range	30% to 80% RH
Water Tank Capacity	1.06 Gallons (4L)
Drainage Options	Manual (Tank) or Continuous (Drain Hose)
Drain Hose Length	3.4 ft (included)
Noise Level	Approx. 40dB
Product Dimensions	11"D x 19"W x 9"H
Item Weight	23 Pounds
Special Features	Automatic Defrost, Automatic Moisture Removal, Child Lock, Continuous Draining, Portable, Digital Display, 24H Timer, 3 Modes (DEHU, DRY, SLEEP)
Included Components	Dehumidifier Unit, 1.06 Gallon Tank, Drain Hose, User Manual

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or contact

Lienuis customer service directly. The seller for this product is AC Humikiller.

For technical assistance or inquiries, you may contact support via email atsupport@lienuis.com (as indicated on product caution label).

Additional protection plans may be available for purchase through your retailer.

