

Litever LL-VS-DH07

Litever LL-VS-DH07 Small Portable Dehumidifier Instruction Manual

Model: LL-VS-DH07 | Brand: Litever

1. IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before using this dehumidifier. Keep this manual for future reference.

- Ensure the power adapter voltage matches your local power supply (120VAC). The external transformer converts to 9VDC for safe operation.
- Do not immerse the dehumidifier, power adapter, or cord in water or other liquids.
- Always place the dehumidifier on a stable, level surface to prevent tipping and water spillage.
- Maintain at least 4 inches (10 cm) of space around the dehumidifier for proper airflow. Do not block air inlets or outlets.
- Unplug the dehumidifier before cleaning, maintenance, or when not in use for extended periods.
- Do not operate the dehumidifier if the cord or plug is damaged, or if the unit malfunctions or has been dropped or damaged in any manner.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Operating temperature range: 41°F (5°C) to 104°F (40°C). Performance may vary outside this range.

2. PRODUCT OVERVIEW

The Litever LL-VS-DH07 is a compact and efficient portable dehumidifier designed to remove excess moisture from small spaces up to 108 sq. ft. It features an auto-off function when the water tank is full and a continuous drainage option for hassle-free operation.



Figure 2.1: Litever LL-VS-DH07 Dehumidifier with continuous drain hose.

Key Features:

- **Efficient Dehumidification:** Extracts up to 360ml (12 ounces) of water per 24 hours (at 86°F, 80% RH).
- **Auto-OFF & Memory Function:** Automatically shuts off when the water tank is full and resumes operation after emptying or power restoration.
- **Continuous Drainage:** Includes a 4-foot silicone drain hose for continuous water removal, eliminating the need to manually empty the tank.
- **Safe Operation:** External transformer ensures low voltage on the dehumidifier body.
- **Portable Design:** Compact size suitable for small bathrooms, pantries, closets, basements, wardrobes, gun safes, RVs, trailers, and campers.
- **Stable Placement:** Self-adhesive pads are provided to secure the unit.

3. PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present and in good condition.

PACKING INFO



Figure 3.1: Included components in the package.

- Dehumidifier Body (x1)
- Power Adapter (x1)
- Drainage Hose (x1)
- Hose Clips for Routing (x4)
- Float Ball (x1)
- Self-adhesive Pads (x3)

4. PRODUCT COMPONENTS AND DIMENSIONS

Familiarize yourself with the main parts of your dehumidifier and its dimensions.

PRODUCT DIMENSIONS

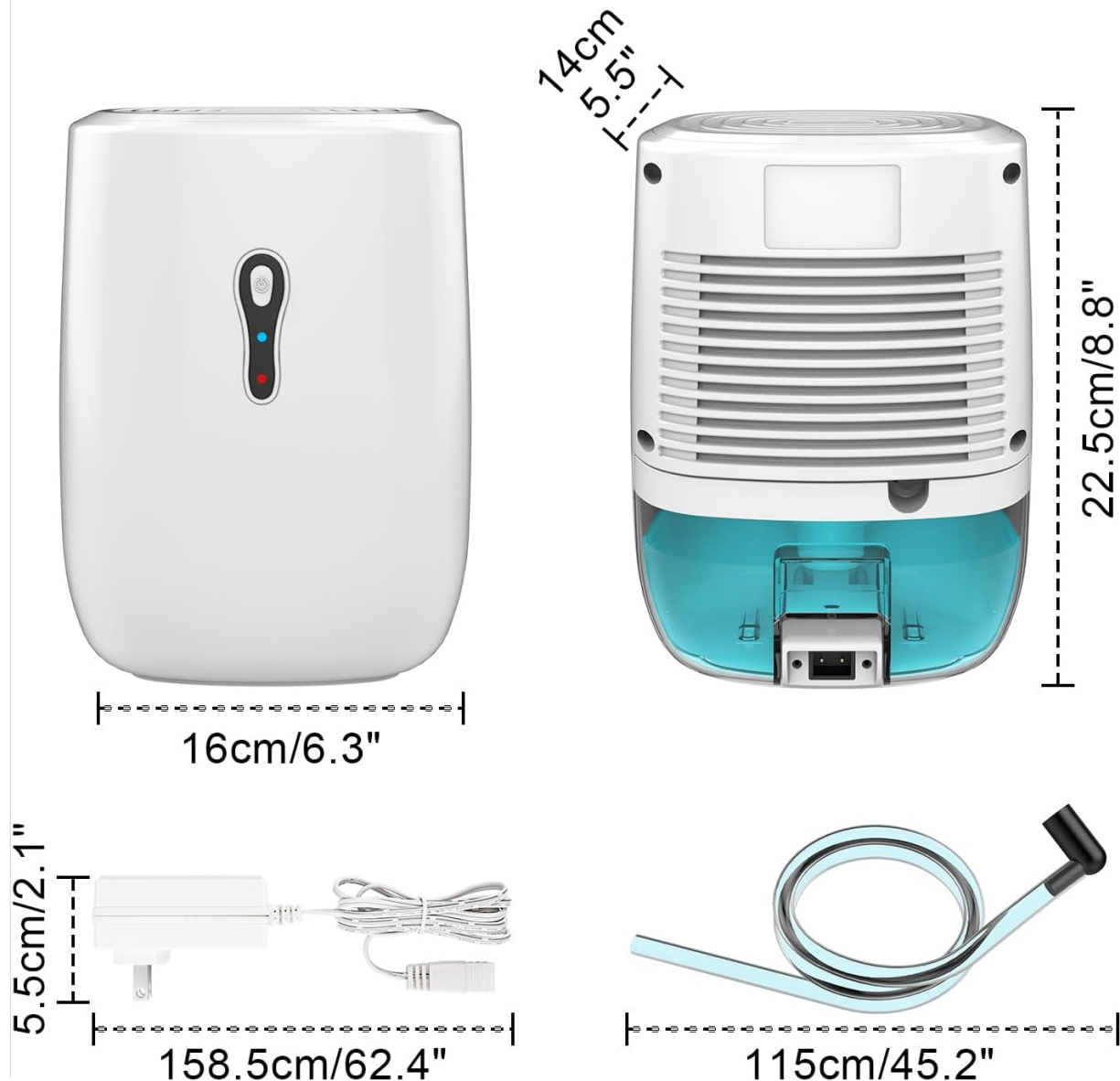


Figure 4.1: Product dimensions of the dehumidifier and accessories.

- **Main Unit:** Contains the dehumidifying mechanism, control button, and indicator lights.
- **Water Tank:** Collects condensed water. Removable for emptying.
- **Power Button/Indicator:** Single button for power, with blue (working) and red (tank full) indicator lights.
- **Air Inlet/Outlet:** Grilles for air circulation.
- **Drainage Port:** For connecting the continuous drain hose.

5. SETUP AND INSTALLATION

5.1 Placement

Choose a suitable location for your dehumidifier:

- Place the unit on a firm, level surface.
- Ensure there is at least 4 inches (10 cm) of clear space around the air inlets and outlets for optimal performance.
- Avoid placing near heat sources or in direct sunlight.
- Ideal for small enclosed spaces such as closets, bathrooms, pantries, basements, RVs, and gun safes.



Figure 5.1: Example placement in an RV setting.

5.2 Power Connection

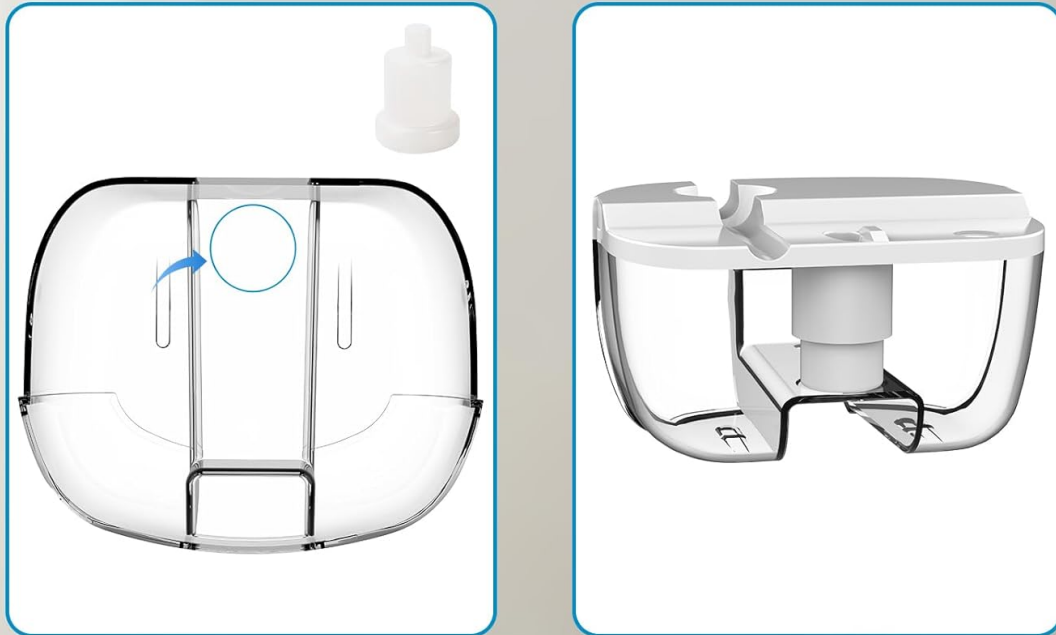
1. Connect the power adapter to the DC input port on the back of the dehumidifier.
2. Plug the power adapter into a standard 120VAC electrical outlet.

5.3 Water Tank Operation (Manual Drainage)

If you choose to use the water tank for collection:

1. Ensure the water tank is properly inserted into the dehumidifier.
2. Verify the white float switch is correctly placed just above the circular indentation inside the tank. This is crucial for the automatic shut-off function.

PUT THE FLOAT SWITCH IN RIGHT PLACE



- Pls put the white float switch just above the circle.
- When the water tank is full, the water will buoy this float switch to turn off the dehumidifier.
- This is the key step for the dehumidifier to shut down automatically.
- It's very important especially when you do NOT use the water pipe for drainage.

Figure 5.2: Correct placement of the float switch.

5.4 Continuous Drainage Setup

For continuous operation without manually emptying the tank, use the included drain hose:

1. First, remove the water tank from the dehumidifier.
2. Locate the drainage port on the back of the dehumidifier.
3. Firmly plug the black drainage connector of the hose onto the connector on the dehumidifier.
4. Route the other end of the hose to a suitable drain (e.g., sink, floor drain, larger container). Ensure the hose is sloped downwards to allow gravity drainage.
5. Use the provided hose clips to secure the drainage hose and maintain a proper route.
6. Reinsert the water tank into the dehumidifier. The unit will now drain continuously through the hose.

WATER PIPE FOR DRAINAGE

If you do not want to empty the water tank from time to time, you can use the included water pipe for drainage.



Firstly, take out the water tank.



Secondly, plug the black drainage connector onto the connector on the dehumidifier firmly.



Lastly, put back the water tank and keep the pipe in the designed slot in the cover.

Figure 5.3: Connecting the continuous drainage hose.

5.5 Securing the Dehumidifier (Optional)

For added stability, especially in mobile environments like RVs or if pets are present, use the self-adhesive pads:

1. Clean the bottom surface of the dehumidifier and the desired placement surface.
2. Peel off the backing from the self-adhesive pads.
3. Attach the pads to the designated areas on the bottom of the dehumidifier.
4. Press the dehumidifier firmly onto the chosen surface to secure it.

SELF-ADHESIVE PADS FOR FIXING THE DEHUMIDIFIER WHEN NECESSARY

3 pcs effective self-adhesive pads included for you to fix the dehumidifier on any flat surface firmly, to avoid moving, drop down, spilled water. This becomes especially helpful when this dehumidifier is used in a RV, camper, trailer or when you have pets around.



Figure 5.4: Applying self-adhesive pads for stability.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- After connecting to power, press the power button once to turn the dehumidifier ON. The indicator light will illuminate blue.
- Press the power button again to turn the dehumidifier OFF. The indicator light will turn off.

6.2 Automatic Shut-off and Indicator

When using the water tank for collection:

- The dehumidifier will automatically shut off when the water tank is full.
- The indicator light will change from blue to red to signal that the tank needs to be emptied.
- After emptying and reinserting the water tank, the dehumidifier will resume operation automatically.

When the water tank is full, the dehumidifier will be turned off automatically. And the red indication light will remind you of that.



Figure 6.1: Indicator light status for working and tank full.

6.3 Memory Function

The dehumidifier is equipped with a memory function. In case of a power interruption, the unit will automatically resume its previous operating state once power is restored.

7. MAINTENANCE

7.1 Emptying the Water Tank

When the water tank is full and the red indicator light is on:

1. Turn off the dehumidifier by pressing the power button.
2. Carefully pull out the water tank from the back of the unit.
3. Remove the black water stopper from the tank.
4. Empty the collected water into a sink or drain.
5. Replace the black water stopper and reinsert the empty water tank firmly into the dehumidifier.
6. The dehumidifier will automatically resume operation.

800ML WATER TANK



1
Turn off the dehumidifier and take out the water tank carefully



2
Take out the black water stopper



3
Empty the water tank

Figure 7.1: Steps for emptying the water tank.

7.2 Cleaning the Dehumidifier

- Always unplug the dehumidifier before cleaning.
- Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Clean the air inlet and outlet grilles periodically with a soft brush or vacuum cleaner attachment to remove dust and debris.
- Rinse the water tank with clean water occasionally to prevent mold or mildew growth. Ensure it is completely dry before reinserting.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply. Power adapter not connected properly.	Ensure the power adapter is securely plugged into both the unit and a working electrical outlet. Check the outlet with another device.
Dehumidifier is running but not collecting water.	Room temperature or humidity is too low. Air inlets/outlets are blocked. Continuous drain hose is connected and draining.	The unit works best in temperatures above 41°F (5°C) and humidity above 45% RH. Ensure proper airflow around the unit. If the drain hose is connected, water will bypass the tank.
Red indicator light is on.	Water tank is full. Water tank is not properly inserted. Float switch is misplaced.	Empty the water tank. Ensure the water tank is fully and correctly inserted. Verify the float switch is in its correct position (refer to Section 5.3).
Unusual noise during operation.	Unit is not on a level surface. Obstruction in the fan.	Place the dehumidifier on a stable, level surface. Turn off and unplug the unit, then check for any obstructions in the air grilles.

9. SPECIFICATIONS

Feature	Specification
Brand	Litever
Model Name	Mini LL-VS-DH07
Floor Area Coverage	Up to 108 sq. ft. (100 Square Feet)
Dehumidification Capacity	360ml / 12 ounces per 24 hours (at 86°F, 80% RH)
Water Tank Volume	800 Milliliters (approx. 27 fl oz)
Product Dimensions (D x W x H)	6"D x 6.5"W x 8.9"H
Item Weight	2.5 Pounds
Wattage	22 watts
Operation Mode	Automatic

Feature	Specification
Upper Temperature Rating	104 Degrees Fahrenheit (40°C)
Special Features	Anti-Spill, Automatic Shutoff, Continuous Draining, Portable, Removable Tank
Material	ABS, Aluminum, Plastic, PC
Included Components	Drain Hose, Drain Hose Routing Clips, Power Adapter, Self-adhesive pads

10. WARRANTY AND SUPPORT

Litever is committed to providing high-quality products. For any questions, concerns, or warranty inquiries regarding your LL-VS-DH07 dehumidifier, please contact Litever customer support through the retailer where the product was purchased or visit the official Litever website for assistance.

Please retain your proof of purchase for warranty claims.