Lienuis OL20D-D068C

Lienuis 45 Pints Dehumidifier User Manual

Model: OL20D-D068C

Introduction

This manual provides essential information for the safe and efficient operation of your Lienuis 45 Pints Dehumidifier. This appliance is designed to effectively remove excess moisture from indoor environments, improving air quality and comfort in areas up to 4000 square feet, such as basements, large rooms, and other humid spaces.





Figure 1: Front view of the Lienuis 45 Pints Dehumidifier.

Safety Information

Please read all safety warnings and instructions carefully before using this appliance to prevent injury or damage.

- **Initial Setup:** To ensure the refrigerant in the cooling system has precipitated properly, keep the unit upright for at least 24 hours before plugging it in and switching it on.
- **Placement:** Ensure the equipment is placed on a solid, level surface for operational use. Maintain a distance of at least 12 inches (30 cm) between the unit and any walls or furniture to allow for proper airflow.
- **Power Supply:** Use only the specified voltage (115V, 60Hz). Do not use extension cords or adapter plugs.
- **Supervision:** 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.
- **Maintenance:** Always unplug the dehumidifier before cleaning or performing any maintenance.
- **Damage:** Do not operate the unit if the power cord or plug is damaged. If the unit malfunctions or has been damaged in any way, contact technical service.

Included Components

Your Lienuis Dehumidifier package includes the following items:

- Lienuis 45 Pints Home Dehumidifier x 1
- Removable Water Tank x 1
- 3.4 Feet Drain Hose x 1
- 360° Rotatable Wheels x 2 (may require attachment)
- Washable Filter x 1 (pre-installed)

Setup

1. **Unpacking:** Carefully remove the dehumidifier and all accessories from the packaging.
2. **Positioning:** Place the dehumidifier on a firm, level surface in the desired location. Ensure there is at least 12 inches (30 cm) of clear space around all sides of the unit for optimal air circulation.
3. **Initial Standby:** Before plugging in, allow the unit to stand upright for at least 24 hours. This allows the refrigerant to settle, ensuring proper and efficient operation.
4. **Power Connection:** Plug the power cord into a grounded 115V, 60Hz electrical outlet.

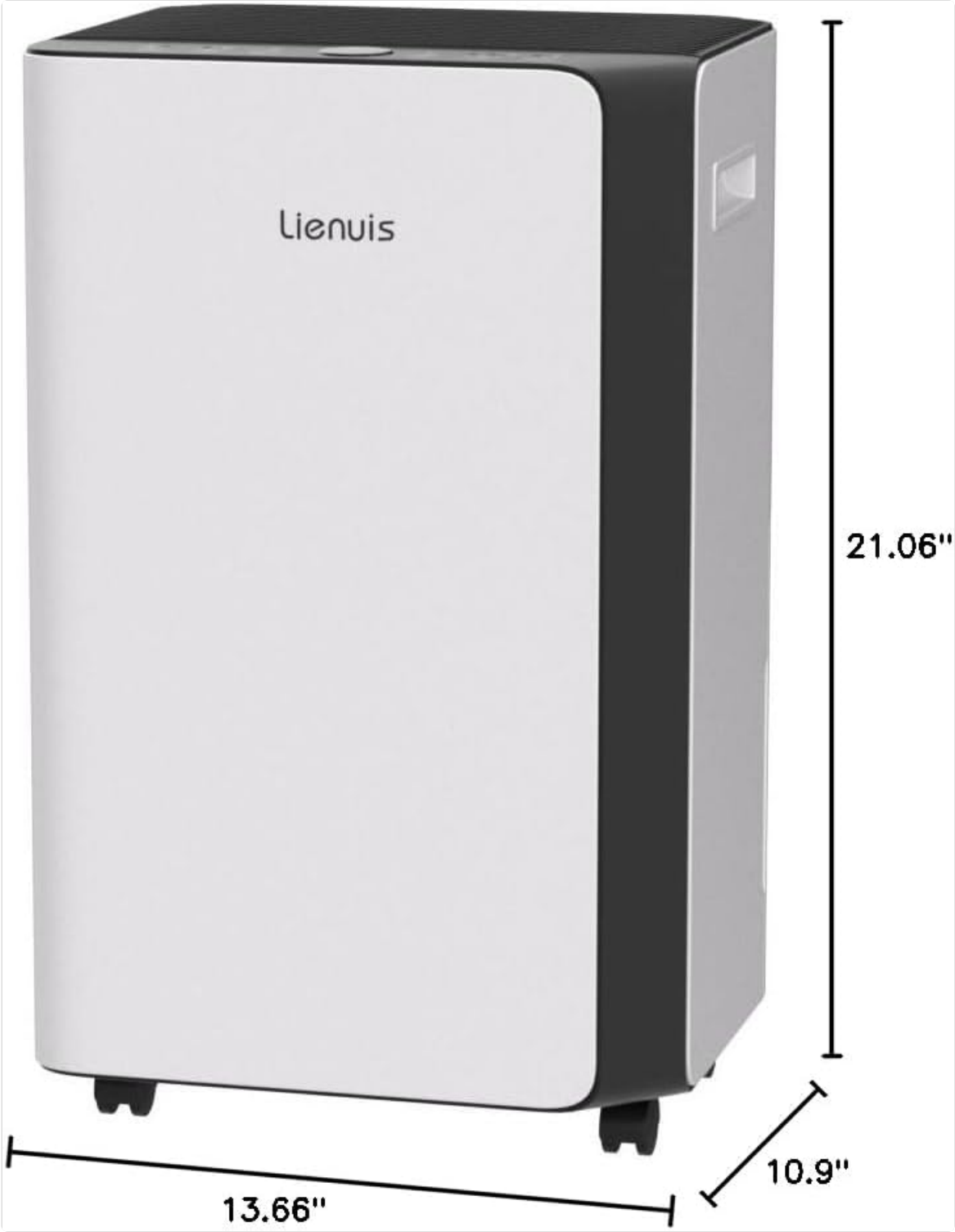


Figure 2: Product dimensions for proper placement. (10.9"D x 13.66"W x 21.06"H)

Operating Instructions

The control panel on top of the unit allows for easy operation and setting adjustments.

Control Panel Overview

- **Power Button:** Press to turn the unit On or Off.
- **Mode Button:** Cycle through operating modes:
  - **Auto Mode:** Intelligently detects ambient humidity and adjusts settings to maintain a humidity level within ±3% of your desired setting.
  - **Continuously Drying Mode:** Ideal for very wet conditions or when maximum moisture removal is needed.

    - **Sleep Mode:** Operates quietly for undisturbed rest while still dehumidifying.
- **Humidity Setting (HUM):** Adjust the desired humidity level from 30% to 80% in 5% increments. The unit will operate to maintain this level. Recommended range is 45%-55%.
- **Fan Speed (FAN):** Select between two fan speeds (High/Medium) to control airflow and noise level.
- **Timer:** Set a 24-hour timer for automatic On/Off operation.
- **Child Lock:** Press and hold the Lock button to activate or deactivate the child lock, preventing unintended changes to settings.
- **Display:** Shows current humidity level or timer setting.

Drainage Options

Your dehumidifier offers two convenient ways to remove collected water:

- **Manual Drainage (Water Tank):** The unit features a 1.14-gallon (4.3L) removable water tank with a see-through window. When the tank is full, the "FULL" indicator light will flash, and the unit will beep to alert you, automatically shutting off to prevent overflow. Carefully remove and empty the tank, then reinsert it securely.
- **Continuous Drainage (Drain Hose):** For continuous operation without needing to empty the tank, attach the included 3.4-foot drain hose to the drainage port on the back of the unit. Route the hose to a suitable floor drain or sump pump. Ensure the hose is sloped downwards to allow for gravity drainage.

Maintenance

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

- **Cleaning the Air Filter:** The unit is equipped with a washable air filter. A dirty filter can reduce efficiency. Regularly check and clean the filter by rinsing it under running water. Allow it to air dry completely before reinserting.
- **Cleaning the Unit:** Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** If storing the unit for an extended period, ensure the water tank is empty and the unit is clean and dry. Store in an upright position in a cool, dry place.

Troubleshooting

Before contacting technical service, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord unplugged, full water tank.	Check power connection. Empty water tank if full. Ensure unit has been upright for 24 hours before first use.
Unit is running but not collecting water.	Low ambient humidity, dirty air filter, temperature too low (Auto-Defrost active).	Check room humidity. Clean air filter. Unit may be in auto-defrost cycle if room temperature is below 41°F.
Unit is noisy.	Unit not on a level surface, fan speed set to high.	Ensure unit is on a stable, level surface. Select a lower fan speed.
Water leaks from the unit.	Water tank not properly seated, drain hose improperly connected or blocked.	Re-seat the water tank. Check drain hose connection and ensure it is not kinked or blocked.

Specifications

Feature	Detail
Brand	Lienuis
Model Name	OL20D-D068C
Dehumidification Capacity	45 Pints per Day (at 86°F, 80% RH)
Coverage Area	Up to 4000 Square Feet
Voltage	115V, 60Hz
Refrigerant Type	R134a
Water Tank Volume	1.14 Gallons (4.3 Liters)
Drain Hose Length	3.4 Feet
Product Dimensions (D x W x H)	10.9" x 13.66" x 21.06"
Net Weight	30.8 Pounds (14.1 Kg)
Working Temperature Range	41°F - 95°F
Humidity Setting Range	30% - 80%
Fan Speeds	2 (High/Medium)
Special Features	Auto Moisture Remove, 3 Working Modes, ETL Certified, 24H Timer, Child Lock, Auto-Defrost, Memory Function

Warranty and Support

For any questions, technical assistance, or warranty inquiries regarding your Lienuis Dehumidifier, please contact our technical service department. We are committed to providing support and resolving any issues you may encounter. Refer to the contact information provided with your purchase documentation or visit the official Lienuis website for support details.

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