Wellsle YDL24P

Wellsle 80 Pints Dehumidifier

Model: YDL24P User Manual

1. Important Safety Instructions

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

- Ensure the unit is placed on a stable, level surface to prevent water leakage.
- Do not operate the unit with a damaged cord or plug.
- Always unplug the dehumidifier before cleaning or performing any maintenance.
- Do not block air inlets or outlets. Maintain at least 8 inches (20 cm) clearance around the unit.
- 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.
- Do not use the dehumidifier in areas where flammable gases or combustible materials are present.
- Empty the water tank regularly or ensure the continuous drain hose is properly installed to prevent overflow.

2. Product Overview

The Wellsle YDL24P is an Energy Star certified dehumidifier designed to efficiently remove moisture from various indoor environments up to 4000 square feet. It features smart humidity adjustment, multiple operating modes, and user-friendly design elements.

2.1 Included Components

- Wellsle 80 Pints Dehumidifier x 1
- 1.32 Gallon Water Tank x 1
- 1.96 Ft Drain Hose x 1
- Detachable & Washable Filter x 1

- Instruction Manual x 1

2.2 Key Features

- **High Capacity:** Removes up to 80 pints of moisture per day (under 95°F/90% RH conditions).
- **Energy Star Certified:** Up to 25% more energy efficient than standard models.
- **Adjustable Humidity:** Manually set desired humidity from 30% to 80%.
- **Multiple Operating Modes:** Auto, Drying, and Continuous modes.
- **24-Hour Timer:** Program automatic on/off times.
- **Two Drainage Options:** 1.32-gallon water tank or continuous drain hose.
- **User-Friendly Design:** Foldable handle, 360° rotating wheels, washable filter, child lock, auto defrost, power outage memory.

2.3 Product Diagram

Refer to the image below for a visual representation of the dehumidifier and its main components.



Figure 1: Front view of the Wellsle 80 Pints Dehumidifier. The unit is white with a black top control panel and a blue circular indicator on the water tank. A handle is visible on top, and wheels are at the base.



Figure 2: Close-up of the control panel. Buttons include Power, Mode, Fan Speed, Timer, and Humidity adjustment. A digital display shows the current humidity level.

3. Setup

3.1 Unpacking

- Carefully remove the dehumidifier and all accessories from the packaging.
- Remove any packing materials, tapes, or protective films from the unit.

3.2 Placement

- Place the dehumidifier on a firm, level surface that is strong enough to support the unit with a full water tank.
- Ensure there is at least 8 inches (20 cm) of space around the unit for proper air circulation.
- Avoid placing the unit near heat sources, in direct sunlight, or in areas exposed to freezing temperatures.

3.3 Drainage Options

The Wellsle YDL24P offers two methods for water removal:

3.3.1 Manual Drainage (Water Tank)

- The unit will collect water in the internal 1.32-gallon water tank.
- When the tank is full, the unit will automatically shut off and an indicator light will illuminate.
- Carefully pull out the water tank, empty the collected water, and reinsert the tank firmly until it clicks into place.

3.3.2 Continuous Drainage (Drain Hose)

For continuous operation without manual emptying, use the included 1.96 ft drain hose.

- Locate the continuous drain outlet on the back of the dehumidifier.
- Remove the rubber stopper from the drain outlet.
- Connect one end of the drain hose to the outlet, ensuring a secure fit.
- Direct the other end of the hose to a suitable drain (e.g., floor drain, sink) ensuring it is lower than the dehumidifier's drain outlet for gravity flow.
- Ensure the hose is not kinked or blocked to prevent water backup and leakage.



Figure 3: Illustration of the two drainage options: manual water tank emptying and continuous drainage via the included hose. The image also shows the internal components and the water tank being removed.

4. Operating Instructions

4.1 Power On/Off

- Plug the power cord into a grounded electrical outlet.
- Press the **Power** button on the control panel to turn the unit on or off.

4.2 Setting Desired Humidity

- When the unit is running, press the **Humidity Up**/**Down** buttons to adjust the desired humidity level.
- The humidity can be set between 30% and 80% relative humidity (RH) in 5% increments.
- The unit will operate until the set humidity level is reached, then cycle on and off to maintain it.

4.3 Operating Modes

Press the **Mode** button to cycle through the available operating modes:

- **Auto Mode:** The unit automatically adjusts its operation to maintain the optimal humidity level based on the set target.
- **Drying Mode:** Designed for faster moisture removal, ideal for drying damp clothes or bedding. This mode operates continuously at high fan speed.
- **Continuous Mode:** The unit runs continuously regardless of the ambient humidity level, providing maximum dehumidification. This mode is best used with the continuous drain hose.



Figure 4: Visual representation of the three operating modes: Auto mode in a bedroom, Drying mode in a laundry area, and Continuous mode in a living space.

4.4 Fan Speed Adjustment

- Press the **Fan Speed** button to switch between High and Low fan speeds.
- Higher fan speed results in faster dehumidification and more noise. Lower fan speed is quieter and suitable for bedrooms or quiet environments.

4.5 Timer Function

The 24-hour timer allows you to schedule when the unit turns on or off.

- **To set Auto-Off:** While the unit is running, press the **Timer** button. Use the **Humidity Up/Down** buttons to select the desired number of hours (1-24) after which the unit will turn off.
- **To set Auto-On:** While the unit is off, press the **Timer** button. Use the **Humidity Up/Down** buttons to select the desired number of hours (1-24) after which the unit will turn on.
- The timer setting will be confirmed after a few seconds or by pressing the **Timer** button again.



Figure 5: The dehumidifier with a graphic illustrating the 24-hour timer function, allowing for scheduled operation.

4.6 Child Lock

To prevent accidental changes to settings, activate the Child Lock function.

- Press and hold the **Mode** button for 3 seconds to activate or deactivate the Child Lock.
- When activated, a lock icon will appear on the display, and other buttons will be unresponsive.



Figure 6: Image showing children playing near the dehumidifier, highlighting the Child Lock feature for safety.

4.7 Auto Defrost

The unit is equipped with 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 dehumidification process will resume automatically once the frost has cleared.

4.8 Power Outage Memory

In case of a power interruption, the dehumidifier will automatically restart with the last settings once power is restored.

5. Maintenance

5.1 Emptying the Water Tank

- When the water tank is full, the unit will stop operating and an indicator will light up.
- Grasp the handle on the water tank and carefully pull it out from the front of the unit.
- Pour out the collected water.
- Slide the empty water tank back into the unit until it is securely in place. The unit will resume operation.

5.2 Cleaning the Air Filter

A clean air filter helps maintain optimal performance and air quality. Clean the filter every two weeks or more often if used in a dusty environment.

- Turn off the dehumidifier and unplug it from the power outlet.
- Locate the air filter cover on the back of the unit.
- Remove the filter by gently pulling it out.
- Wash the filter with clean water (no hotter than 104°F / 40°C) and a mild detergent.
- Rinse thoroughly and allow the filter to air dry completely before reinstalling. Do not expose to direct sunlight.
- Reinsert the dry filter into the unit and close the cover.



Figure 7: Illustration of user-friendly features including the foldable handle, washable filter, and 360° rotating wheels.

5.3 Storage

If storing the dehumidifier for an extended period:

- Turn off the unit and unplug it.
- Empty the water tank and ensure it is clean and dry.
- Clean the air filter.
- Wrap the power cord and secure it. The unit has integrated cord storage.
- Cover the unit with a plastic bag or cloth to protect it from dust.
- Store the unit upright in a cool, dry place.

6. Troubleshooting

Review the following common issues and solutions before contacting customer support.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply. Power cord not plugged in. Water tank full or not properly inserted.	Ensure unit is plugged into a working outlet. Check circuit breaker. Empty and reinsert water tank correctly.
No water collected.	Ambient humidity is too low. Set humidity level is higher than current humidity. Temperature is too low (below 41°F / 5°C). Air filter is clogged.	Check current humidity and adjust set humidity lower. Ensure room temperature is within operating range. Clean the air filter.
Unit runs but humidity does not decrease.	Room size too large. Doors/windows open. Air filter clogged. Air inlet/outlet blocked.	Ensure unit is appropriate for room size. Close all doors and windows. Clean air filter. Ensure proper clearance around the unit.
Unit is noisy.	Unit not on a level surface. Air filter clogged.	Place unit on a flat, stable surface. Clean the air filter.
Water leaks from the unit.	Water tank not properly inserted. Drain hose connection loose or kinked.	Reinsert water tank firmly. Check drain hose for secure connection and kinks.

7. Specifications

Feature	Specification
Brand	Wellsle
Model Name	Wellsle YDL24P Dehumidifier
Dehumidification Capacity	80 Pints per Day (under 95°F/90% RH)
Coverage Area	Up to 4000 Square Feet
Humidity Adjustment Range	30% - 80% RH
Water Tank Volume	1.32 Gallons
Drain Hose Length	1.96 Feet (included)
Product Dimensions (D x W x H)	9.72" x 13.31" x 20.12"
Item Weight	28.6 pounds (13 Kilograms)
Wattage	290 watts
Number of Speeds	2 (High/Low)
Operation Modes	Auto Mode, Drying Mode, Continuous Mode
Special Features	24 Hours Timer, Anti-Spill, Auto Restart & Shut Off, Automatic Defrost, Child Lock, Washable Filter
Material	Plastic

Feature	Specification
UPC	850062409323

8. Warranty and Customer Support

Wellsle is committed to customer satisfaction.

- **Warranty:** Every unit comes with a one-year warranty. An additional year of warranty is available upon product registration.
- **Technical Support:** Lifetime technical support is provided.
- **Contact:** For any questions, suggestions, or support needs, please contact Wellsle customer service. Refer to the product packaging or Wellsle's official website for contact details.

9. Official Product Videos

No official seller videos were found in the provided product data for embedding. Please refer to the manufacturer's website or product page for any available video resources.

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