Wellsle PD11DS

Wellsle 34 Pint Dehumidifier Instruction Manual

Model: PD11DS
Brand: Wellsle

Important Safety Information

Please read this manual thoroughly before operating your Wellsle dehumidifier. Keep this manual for future reference.

- Ensure the unit is placed on a stable, level surface.
- Allow the unit to stand upright for at least 24 hours before first use, especially after transportation, to allow refrigerants to settle.
- Do not block air inlets or outlets.
- Keep children and pets away from the unit during operation. The child lock feature can be used for added safety.
- Always unplug the dehumidifier before cleaning or performing any maintenance.

Product Overview

The Wellsle 34 Pint Dehumidifier is designed to efficiently remove excess moisture from your indoor environment, improving air quality and comfort. It is suitable for small to medium-sized spaces such as basements, bedrooms, bathrooms, garages, kitchens, RVs, and offices.

Key Components



Front view of the Wellsle 34 Pint Dehumidifier, showing the control panel, water tank, and overall design.

- **Control Panel:** Located on the top, with digital display and touch controls.
- **Air Outlet:** Top grille for dehumidified air release.
- **Air Inlet & Filter:** Rear panel, with a washable filter to prevent dust buildup.

- **Water Tank:** Removable 0.66-gallon (2.51L) tank for manual drainage.
- **Continuous Drain Outlet:** Located at the rear for hose connection.
- **Handles & Wheels:** Top handle, ergonomic recessed handle, and 360° invisible wheels for easy mobility.

Control Panel Overview



Close-up of the control panel, showing various buttons and the digital display.

- **POWER Button:** Turns the unit On/Off.
- **MODE Button:** Cycles through DEHU, DRY, and CONT modes.
- **HUMI Button:** Adjusts the target humidity level (30-80% in DEHU mode).
- **TIMER Button:** Sets the 24-hour two-way timer.
- **SPEED Button:** Adjusts fan speed (Low/High in DEHU mode).
- **LOCK Button:** Activates/deactivates the child lock (long press for 2-3 seconds).
- **Digital Display:** Shows current humidity, target humidity, or timer settings.

Setup and Installation

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Retain packaging materials for future storage or transport.
2. **Initial Placement:** Place the unit upright on a stable, level surface in your desired location. Ensure there is at least 8 inches (20 cm) of space around the unit for proper airflow.
3. **Settling Period:** After unpacking or moving, allow the dehumidifier to stand upright for a minimum of 24 hours before plugging it in. This allows the refrigerant to stabilize, ensuring optimal performance and longevity.
4. **Power Connection:** Plug the power cord into a grounded electrical outlet.

Operating Instructions

Power On/Off

Press the **POWER** button to turn the dehumidifier on or off.

Operating Modes



Visual representation of the three dehumidification modes: DEHU, DRY, and CONT.

Press the **MODE** button to cycle through the following working modes:

- **DEHU Mode (Dehumidification):**
  - Allows precise humidity control.
  - Press **HUMI** to set target humidity between 30% and 80%.
  - Press **SPEED** to adjust fan speed (Low/High).
  - Recommended comfortable humidity range is 45-55%.
- **DRY Mode (Clothes Drying):**
  - Ensures rapid clothes drying by operating at continuous high-speed fan operation.
  - Humidity value and air speed cannot be adjusted in this mode.
- **CONT Mode (Continuous Dehumidification):**
  - Provides continuous dehumidification, ideal for very high humidity spaces like basements.
  - Humidity value cannot be set in this mode.
  - Only fan speed can be adjusted to affect the dehumidification rate.

Timer Function

Press the **TIMER** button to set the 24-hour two-way timer for scheduled operation.

Child Lock Function

To activate the child lock, long press the **LOCK** button for 2-3 seconds. Once activated, all control panel commands will be locked and cannot be changed. Long press again to deactivate.

Drainage Options

Your Wellsle dehumidifier offers two convenient drainage methods:



Illustration of manual drainage using the water tank and continuous drainage with the hose.

- **Manual Drainage (Water Tank):**

  The unit features a 0.66-gallon (2.51L) removable water tank. When the tank is full, the dehumidifier will automatically shut off and an indicator light will illuminate. Carefully remove the tank from the front of the unit and empty the collected water. Reinsert the tank securely to resume operation.

- **Continuous Drainage (Drain Hose):**

  For continuous operation without needing to empty the tank, use the included 3.28-foot drain hose. Remove the rubber stopper from the continuous drain outlet at the rear of the unit and securely attach the drain hose. Ensure the hose is sloped downwards to a suitable drain (e.g., floor drain, large bucket) to allow gravity to facilitate water flow. This method is ideal for high-humidity areas where frequent emptying would be required.

Maintenance

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

- **Filter Cleaning:**



Image showing the removable and washable filter panel.

The dehumidifier includes a detachable and washable filter. It is recommended to clean the filter every two weeks or more frequently depending on usage and air quality. To clean, gently pull out the filter panel from the rear of the unit. Wash it under running water with a mild detergent, rinse thoroughly, and allow it to air dry completely before reinstalling. Ensure the filter is completely dry before placing it back into the unit.

- **Water Tank Cleaning:**

  Clean the water tank regularly to prevent mold and mildew growth. Remove the tank, empty any remaining water, and wash it with warm water and a mild detergent. Rinse thoroughly and dry before reinserting.

- **Exterior Cleaning:**

  Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

Troubleshooting

If you encounter issues with your dehumidifier, please refer to the following common troubleshooting steps. For more complex problems, contact customer support.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power, power cord loose, child lock active.	Check power outlet, ensure cord is securely plugged in, deactivate child lock.
Unit not collecting water.	Humidity setting too high, room temperature too low, air filter clogged, continuous drain hose improperly installed.	Lower humidity setting, ensure room temp is above 41°F (5°C), clean air filter, check continuous drain hose for proper slope and connection.
Unit is noisy.	Unit not level, air filter clogged.	Place unit on a level surface, clean air filter.
Water leaks from the unit.	Water tank not properly inserted, continuous drain hose loose or clogged.	Ensure water tank is fully seated, check continuous drain hose for secure connection and obstructions.

Specifications

Feature	Detail
Brand	Wellsle
Model Name	PD11DS Dehumidifier

Feature	Detail
Capacity	34 Pints/Day (at 95°F, 90% RH)
Water Tank Volume	0.66 Gallons (2.51 Liters)
Recommended Floor Area	Up to 2000 Square Feet
Product Dimensions	9.8"D x 13.8"W x 20.8"H
Item Weight	26.4 pounds (12 Kilograms)
Noise Level	Below 40 decibels (Quiet Design)
Humidity Setting Range	30% - 80%
Timer	24-Hour Two-Way Timer
Drainage Options	Manual (Tank) & Continuous (Hose)
Included Components	User Manual, Detachable & Washable Filter, Power Cord, Removable Water Tank, 3.28 Feet Drain Hose

Official Product Video



This video provides a visual guide to the operating instructions of the Wellsle PD11DS Dehumidifier, demonstrating mode selection, humidity settings, and drainage options.

Warranty and Support

The Wellsle 34-Pints Dehumidifier is backed by a 30-day return policy, a 2-year extended warranty, and lifetime technical support. Should you have any inquiries or issues, please feel free to contact our support team. We aim to respond within 24 hours to provide assistance.

Email Support: support@wellsle.com

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