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ANDTE PD80K

ANDTE 80 Pints Energy Star Dehumidifier User Manual

Model: PD80K

1. INTRODUCTION

Thank you for choosing the ANDTE 80 Pints Energy Star Dehumidifier. This manual provides important information regarding the safe operation, installation, maintenance, and troubleshooting of your dehumidifier. Please read this manual thoroughly before operating the appliance and retain it for future reference.

This dehumidifier is designed to effectively reduce humidity in basements, homes, and large rooms up to 5500 sq.ft, helping to create a more comfortable and healthy environment. It features an 80-pint per day dehumidification capacity, a 1.32-gallon water tank, continuous drain option, 24-hour timer, and auto-defrost function.

2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons.

- Read all instructions before using the appliance.
- Ensure the power supply matches the voltage specified on the rating label.
- Do not operate the dehumidifier with a damaged cord or plug.
- Do not block air inlets or outlets. Maintain at least 8 inches (20 cm) clearance around the unit.
- Always place the unit on a level, stable surface.
- Unplug the dehumidifier before cleaning or performing any maintenance.
- Do not use the appliance in wet or damp environments where water may splash.
- Keep children and pets away from the appliance during operation.
- If the unit has been tilted or laid on its side, allow it to stand upright for at least 24 hours before plugging it in.

3. PRODUCT OVERVIEW

Familiarize yourself with the main components of your ANDTE dehumidifier.



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Figure 3.1: Front view of the ANDTE 80 Pints Energy Star Dehumidifier. This image shows the sleek white design of the unit with the



Figure 3.2: Top view of the Smart Control Panel. This image highlights the intuitive control panel with buttons for Timer, Humidity, Speed (Low/High), Mode (DEHU/DRY/CONT), and Power. A digital display shows the current humidity setting.

Key Components:

- **Control Panel:** For setting desired humidity, timer, fan speed, and operating mode.
- **Air Inlet/Filter:** Located at the back, where air is drawn in and filtered.
- **Air Outlet:** Located at the top, where dry air is expelled.
- **Water Tank:** Removable tank for collecting condensed water.
- **Continuous Drain Outlet:** Port for attaching a drain hose for continuous drainage.
- **Casters:** Wheels at the bottom for easy mobility.

4. SETUP

Unpacking and Placement:

1. Carefully remove the dehumidifier from its packaging.
2. Inspect the unit for any shipping damage. If damaged, contact customer support immediately.
3. Place the dehumidifier upright on a firm, level surface.
4. If the unit was not stored upright, allow it to stand upright for at least 24 hours before plugging it in. This allows the refrigerant to settle.
5. Ensure there is at least 8 inches (20 cm) of space around all sides of the unit for proper airflow. Do not place it against a wall or furniture that would obstruct the air inlets or outlets.

Power Connection:

- Plug the power cord into a grounded electrical outlet. Ensure the outlet's voltage matches the unit's requirements (115V/60Hz).

5. OPERATING INSTRUCTIONS

Control Panel Functions:

- **Power Button:** Turns the unit ON or OFF.
- **Mode Button:** Cycles through operating modes:
 - **DEHU Mode:** Standard dehumidification. Set your desired humidity level (30%-80%).
 - **DRY Mode:** Designed for drying clothes quickly and reducing odors.
 - **CONT Mode:** Continuous dehumidification, ideal for constantly damp spaces like basements.
- **Humidity Setting Buttons (Up/Down Arrows):** Adjusts the desired humidity level in DEHU mode (30% to 80% in 5% increments).
- **Speed Button:** Selects fan speed (Low or High).
- **Timer Button:** Sets the 24-hour ON/OFF timer.
 - Press once to set auto-off time.
 - Press again to set auto-on time.
 - Adjust hours using humidity setting buttons.
- **Lock Button:** Locks the control panel to prevent accidental changes.

Water Removal Options:



Figure 5.1: Illustration of the Auto and Manual Drain options. This image shows the 1.32 Gallon water tank for manual emptying and the continuous drain hose connection.

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

- When the 1.32-gallon water tank is full, the unit will automatically shut off and an indicator light will illuminate.
- Carefully remove the water tank from the front of the unit.
- Empty the collected water.
- Replace the tank securely into the unit. The dehumidifier will resume operation.

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

- For continuous operation without emptying the tank, attach the included drain hose (3.9 ft / 1.2m) to the continuous drain outlet on the back of the unit.
- Ensure the hose is sloped downwards to allow gravity drainage to a suitable floor drain or large container.
- Do not allow the end of the hose to be submerged in water, as this can cause backflow.

6. MAINTENANCE

Cleaning the Air Filter:

A clogged filter reduces the dehumidifier's efficiency. Clean the filter every two weeks or more often if used in dusty environments.

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Remove the air 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. Do not use a dishwasher or hot water.
5. Reinstall the dry filter into the unit.

Cleaning the Water Tank:

Clean the water tank regularly to prevent mold and mildew growth.

- Remove the water tank.
- Wash the tank with mild detergent and warm water.
- Rinse thoroughly and dry before replacing.

Storing the Dehumidifier:

If the unit will not be used for an extended period:

- Unplug the unit and empty the water tank.
- Clean the air filter and water tank.
- Coil the power cord neatly.
- Store the unit upright in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Before contacting customer service, please refer to the following table for common issues and solutions.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power; Power cord loose; Water tank full or not properly seated.	Check power connection; Ensure tank is empty and correctly installed.
Unit runs but does not dehumidify.	Air filter clogged; Room temperature too low; Unit size too small for area.	Clean air filter; Ensure room temperature is above 41°F (5°C); Consider unit capacity for room size.
"25" flashing on display.	Humidity sensor error or malfunction.	Unplug the unit for 10 minutes and plug it back in. If the error persists, contact customer support.
Unit is noisy.	Unit not on a level surface; Air filter clogged.	Place on a level surface; Clean air filter.
Water leaks from unit.	Water tank not properly seated; Drain hose kinked or blocked (if using continuous drain).	Re-seat water tank; Check drain hose for kinks or blockages.

8. SPECIFICATIONS

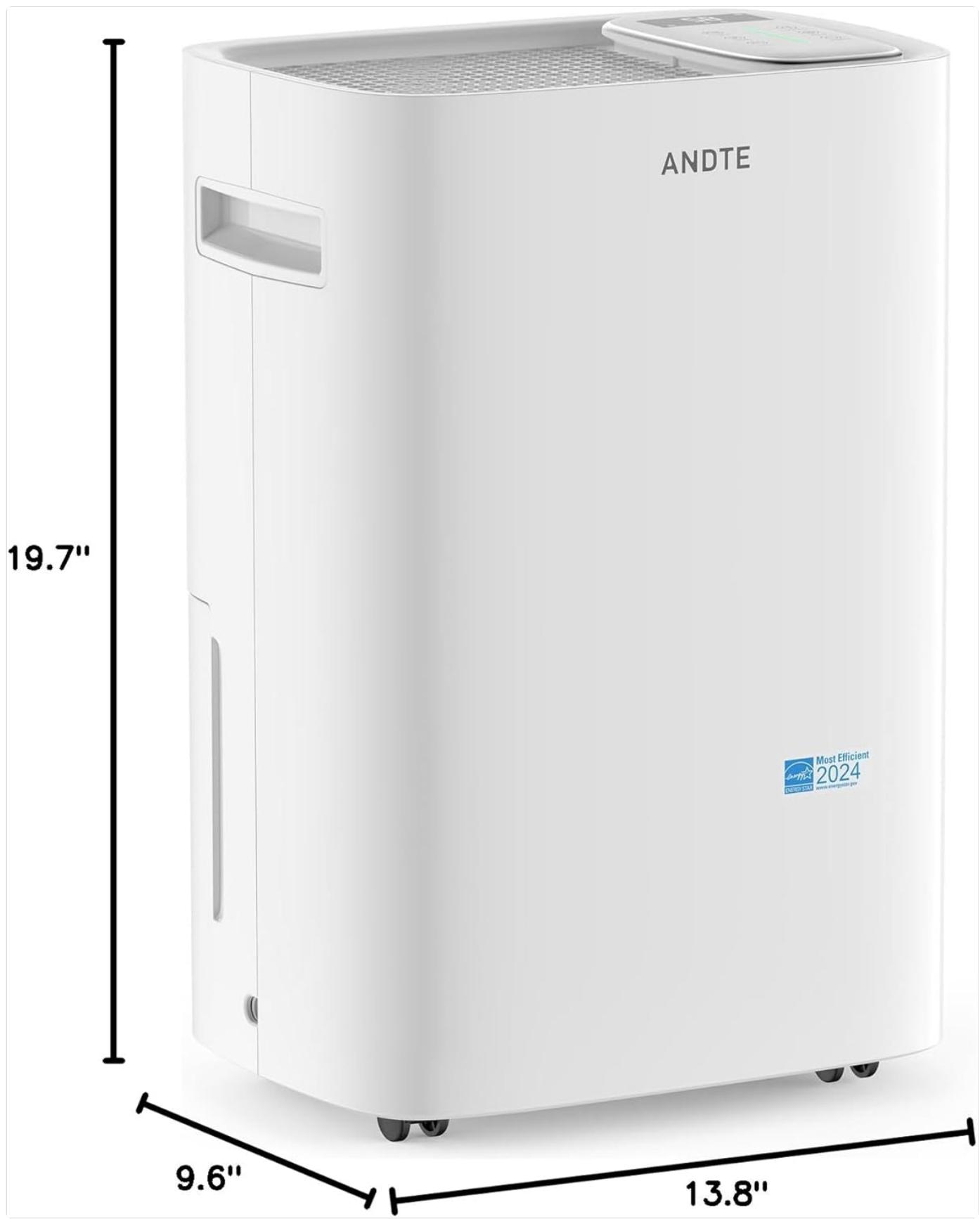


Figure 8.1: Product dimensions of the ANDTE Dehumidifier, showing height, width, and depth.

Feature	Detail
Model Number	PD80K
Dehumidification Capacity	80 Pints/Day

Feature	Detail
Coverage Area	Up to 5500 Sq.Ft
Water Tank Volume	1.32 Gallons (80 Pints)
Product Dimensions (L x W x H)	9.6 x 13.8 x 19.7 inches
Item Weight	31.9 pounds
Power Supply	115V / 60Hz
Operation Modes	DEHU, DRY, CONT
Timer	24-Hour ON/OFF
Special Features	Energy Star Most Efficient 2024, Auto Defrost, Continuous Drain Option

9. WARRANTY AND SUPPORT

Warranty Information:

ANDTE dehumidifiers come with a comprehensive warranty to ensure your peace of mind:

- **5-Year Limited Coverage:** General warranty for the product.
- **1-Year Full Coverage:** Full warranty for the first year of ownership.
- **30-Days Money Back Guarantee:** If you are not satisfied within 30 days of purchase.

Customer Support:

For any questions, concerns, or warranty claims, please contact ANDTE customer support. We aim to provide a reply within 12 hours.

Please have your model number (PD80K) and purchase date ready when contacting support.

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Related Documents - PD80K

	<p>ANDTE Dehumidifier User Manual and Troubleshooting Guide</p> <p>Comprehensive guide for ANDTE dehumidifiers, covering usage instructions, control panel functions, water tank management, timing settings, common faults, solutions, and service information.</p>
	<p>ANDTE Commercial Dehumidifier User Manual - Models DE260, DE305</p> <p>Comprehensive user manual for ANDTE commercial dehumidifiers, covering setup, operation, safety guidelines, maintenance, troubleshooting, and warranty information for models DE260 and DE305.</p>
	<p>ANDTE Commercial Dehumidifier DY155 User Manual</p> <p>User manual for the ANDTE Commercial Dehumidifier, Model DY155. This guide provides instructions on operation, safety precautions, maintenance, and troubleshooting for the ANDTE dehumidifier.</p>