

Hisense AHD2524K1W

Hisense 25-Pint Portable Dehumidifier User Manual

MODEL: AHD2524K1W

Product Overview

The Hisense Energy Star 25-Pint Portable Dehumidifier is designed to efficiently remove excess moisture from the air, creating a more comfortable and healthier indoor environment. Ideal for basements, garages, living rooms, and other spaces up to 1500 square feet, this unit features automatic shut-off, continuous drain options, and easy portability.

- **Dehumidification:** Removes up to 25 pints of moisture per day.
- **Continuous Drain Option:** Allows for gravity draining with a standard garden hose (not included).
- **Internal Bucket:** 8.5-pint capacity with automatic shut-off when full.
- **Easy Portability:** Equipped with 4 caster wheels and integrated side handles.
- **Washable Filter:** Reusable filter with an indicator for cleaning.



Front view of the Hisense 25-Pint Portable Dehumidifier.

Setup and Installation

Follow these steps to set up your dehumidifier for optimal performance:

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Retain all packing materials for future storage or transport.
2. **Placement:** Place the dehumidifier on a level surface in the desired location. Ensure there is at least 12 inches (30 cm) of space around the unit for proper air circulation. Avoid placing it near heat sources or in direct sunlight.
3. **Power Connection:** Plug the power cord into a grounded electrical outlet. Ensure the voltage matches the unit's requirements.



The dehumidifier positioned in a living space, demonstrating proper clearance.



Product dimensions: 8.6"D x 13.2"W x 19.9"H, with a weight of 28.2 lbs.

Operating Instructions

Your Hisense dehumidifier offers various settings for effective moisture control.

Control Panel Overview

The digital control panel is located on the top of the unit. It includes buttons for Power, Mode, Fan Speed, and Humidity Level adjustment, along with a digital display for current humidity.

Operating Modes

- **Auto Dry Mode:** Maintains a comfortable humidity level of approximately 50%.
- **Manual Mode:** Allows you to set your desired humidity level in 5% increments, from 30% to 80%.
- **Continuous Mode:** The unit will operate continuously regardless of the humidity level, ideal for very damp conditions.

Fan Speed

Select between High and Low fan speeds to adjust the dehumidification rate and noise level.

Water Collection and Drainage

The dehumidifier collects moisture in an 8.5-pint internal bucket. When the bucket is full, the unit will automatically shut off and an indicator light will illuminate.

For continuous operation without emptying the bucket, connect a standard garden hose (not included) to the continuous drain port on the side of the unit. Ensure the hose is sloped downwards to a suitable drain.



The dehumidifier with its 8.5-pint water collection bucket partially removed, illustrating the auto bucket shut-off and continuous drain options.

Official Product Video

Video: Hisense Dehumidifiers for Home. This video provides a general overview of Hisense dehumidifiers and their features, including operation and benefits.

Maintenance

Regular maintenance ensures the longevity and efficiency of your dehumidifier.

Cleaning the Washable Filter

The dehumidifier is equipped with a washable and removable air filter. A filter indicator light will illuminate when it's time to clean the filter. To clean:

1. Turn off the unit and unplug it from the power outlet.
2. Remove the filter from its slot (refer to your unit's specific design for filter location, typically at the back or side).
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting it into the unit.
5. Plug in the unit and turn it on. Reset the filter indicator if necessary (refer to control panel instructions).



Close-up view of the washable filter, highlighting its design for easy cleaning and maintenance.

Emptying the Water Bucket

When the water bucket is full, carefully slide it out from the unit. Dispose of the collected water. Reinsert the bucket firmly until it clicks into place. The unit will resume operation automatically.

Long-Term Storage

If storing the unit for an extended period, ensure the water bucket is empty and clean, and the filter is clean and dry. Store the unit upright in a dry, cool place, preferably in its original packaging.

Troubleshooting

If you encounter issues with your dehumidifier, consult 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; power cord loose; water bucket full or not properly inserted.	Check power connection; ensure bucket is empty and correctly seated.
Unit runs but does not collect water.	Room temperature too low (below 38°F); humidity level already low; air filter clogged.	Ensure room temperature is within operating range; check current humidity setting; clean air filter.
Unit is noisy.	Fan speed set to High; unit not on a level surface.	Switch to Low fan speed; ensure unit is on a stable, level surface.
Water leaks from the unit.	Water bucket overflowing (if continuous drain not used); continuous drain hose not properly connected or kinked.	Empty water bucket; check continuous drain hose for proper connection and clear path.

If the problem persists after attempting these solutions, please contact customer support.

Specifications

Feature	Detail
Brand	Hisense
Model Name	25-pint Dehumidifier
Model Number	AHD2524K1W
Dehumidification Capacity	25 Pints per Day
Recommended Coverage Area	Up to 1500 Square Feet
Tank Volume	8.5 Pints
Product Dimensions (D x W x H)	8.6" x 13.2" x 19.9"
Item Weight	31.2 pounds
Operation Mode	Standard (Auto Dry, Manual, Continuous)
Temperature Range	38°F to 90°F
Special Features	Continuous Draining, Portable, Automatic Shutoff, Washable Filter
Material	Plastic
Color	White
UPC	810088366383

Warranty and Support

This Hisense dehumidifier comes with a **2-year warranty**, providing peace of mind regarding its quality and performance.

For warranty claims, technical support, or further assistance, please refer to the contact information provided on your product packaging or visit the official Hisense website for the most up-to-date support details.

Please retain your proof of purchase for warranty purposes.