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> Hisense Energy Star 50-Pint Portable Dehumidifier with Built-in Pump, Auto-Shutoff and Timer, Home Dehumidifier and Moisture Absorber For Basement, Garage, Living Room 50 Pint w/ Pump Up to 4500 sq ft.

Hisense AHD5024KP1G

Hisense 50-Pint Portable Dehumidifier User Manual

Model: AHD5024KP1G

Brand: Hisense

1. INTRODUCTION

The Hisense 50-Pint Portable Dehumidifier is designed to efficiently remove excess moisture from the air, creating a more comfortable and healthier indoor environment. This Energy Star rated unit is suitable for large areas up to 4500 square feet, including basements, garages, and living rooms. It features a built-in pump for continuous drainage, an auto-shutoff function, and easy-to-use digital controls.

2. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before operating the dehumidifier. Keep this manual for future reference. Always follow basic safety precautions to reduce the risk of fire, electric shock, or injury.

- Ensure the unit is plugged into a properly grounded electrical outlet.
- Do not operate the dehumidifier with a damaged cord or plug.
- Do not block air inlets or outlets.
- Keep children and pets away from the unit during operation.
- Do not use the unit in areas where flammable gases or vapors may be present.
- Always unplug the unit before cleaning or performing maintenance.

3. SETUP

3.1 Unpacking and Placement

Carefully remove the dehumidifier from its packaging. Place the unit on a level, stable surface. The integrated side handles and four caster wheels allow for easy portability. Ensure there is at least 8 inches of space around the unit for proper air circulation.

A black Hisense refrigerator is shown from a three-quarter front view. The refrigerator has a two-door design with a horizontal line separating the upper and lower doors. The word "Hisense" is printed in white on the upper door. On the left side, there are handles for both doors and a small control panel on the upper door. The refrigerator is set against a plain white background.

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Figure 1: Front view of the Hisense 50-Pint Portable Dehumidifier.



Figure 2: Dehumidifier dimensions (10.7"D x 15.1"W x 24.8"H) and weight (40.3 lbs).

3.2 Power Connection

Plug the dehumidifier into a standard 120V AC electrical outlet. The unit is designed to operate efficiently in temperatures as low as 38°F.

3.3 Drainage Options

The dehumidifier offers multiple drainage methods:

- **Internal Bucket:** Moisture is collected in the 17.2-pint slide-out internal bucket. The unit automatically shuts off when the bucket is full to prevent overflowing.
- **Continuous Drain (Gravity):** For continuous operation without emptying the bucket, connect a standard garden hose (not included) to the side of the cabinet and route it to a low-level drain.

- **Built-in Pump:** The internal pump allows for continuous drainage in any direction, including vertically up to 20 feet, into a sink or higher drain. This option eliminates the need for manual bucket emptying.



Figure 3: Auto Bucket Shut-off, 17.2 Pint Bucket, and Continuous Drain Option.

Drain-free

You don't have to remove water every few hours with built-in pump.



Example only.
Actual product image might vary.

Figure 4: Drain-free operation with built-in pump, showing the hose connection.

4. OPERATING INSTRUCTIONS

4.1 Control Panel Overview

The digital control panel provides access to all functions:

- **Power:** Turns the unit on/off.
- **Mode:** Cycles through Auto Dry, Continuous, and Manual Set modes.
- **Timer:** Sets the auto-on or auto-off time.
- **+/- Buttons:** Adjusts desired humidity level in Manual Set mode.
- **Fan:** Selects fan speed (Auto, High, Low).
- **Clean Filter Indicator:** Illuminates when the filter needs cleaning.
- **Empty Bucket Indicator:** Illuminates when the water bucket is full.
- **Pump:** Activates the built-in pump for continuous drainage.

4.2 Setting Desired Humidity

In Manual Set mode, use the +/- buttons to set your desired humidity level. The unit will operate to maintain this level.

4.3 Fan Speed Selection

Press the Fan button to cycle through Auto, High, and Low fan speeds to suit your comfort and noise preference.

4.4 Timer Function

Use the Timer button to program the unit to turn on or off automatically after a set period, providing convenience and energy savings.

Video 1: Official Hisense video demonstrating various features of Hisense Dehumidifiers, including quiet operation, washable filter, and continuous drainage options. This video is provided by the vendor, Almo.

5. MAINTENANCE

5.1 Cleaning the Air Filter

The dehumidifier features a washable and removable air filter. The 'Clean Filter' indicator light will illuminate when it's time to clean the filter for optimal efficiency. Regularly cleaning the filter helps maintain performance and air quality.



Figure 5: Washable Filter with Filter Indicator, showing the filter compartment.

5.2 Emptying the Water Bucket

If not using continuous drainage, the 17.2-pint internal bucket will collect moisture. When full, the 'Empty Bucket' indicator will light up, and the unit will automatically shut off. Carefully slide out the bucket, empty the collected water, and reinsert it securely.

6. TROUBLESHOOTING

If your dehumidifier is not operating correctly, refer to the following common issues before contacting support:

Problem	Possible Cause	Solution
Unit does not turn on	No power, full bucket, or filter needs cleaning.	Check power connection, empty bucket, clean filter.
No water collected	Humidity level set too high, low room temperature, or air filter clogged.	Lower humidity setting, ensure room temp is above 38°F, clean filter.
Unit is noisy	Unit not on a level surface, or air filter is dirty.	Place on a level surface, clean filter.

For more detailed troubleshooting, please consult the full product manual or contact customer support.

7. SPECIFICATIONS

- **Brand:** Hisense
- **Model Name:** 50-pint Dehumidifier with Built-in Pump
- **Model Number:** AHD5024KP1G
- **Dehumidification Capacity:** 50 Pints per Day
- **Coverage Area:** Up to 4500 Square Feet
- **Tank Volume:** 17.2 Pints
- **Product Dimensions:** 10.7"D x 15.1"W x 24.8"H
- **Item Weight:** 40.3 Pounds
- **Color:** Black
- **Special Features:** Portable, Built-In Pump, Automatic Shutoff, Washable Filter
- **Operation Temperature:** As low as 38°F

8. 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 any inquiries, please refer to the contact information provided in your product packaging or visit the official Hisense website.