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Hisense DH-7019KP1WG

Hisense 70 Pint Dehumidifier

MODEL: DH-7019KP1WG

User Manual

1. Introduction

This manual provides essential information for the safe and efficient operation of your Hisense DH-7019KP1WG 70 Pint Dehumidifier. This Energy Star-certified unit features a 2-speed fan and a built-in pump for continuous drainage. It is designed to effectively remove moisture from areas up to 1000 sq. ft., operating efficiently in temperatures as low as 38 degrees Fahrenheit. Please read this manual thoroughly before use and retain it for future reference.

2. Safety Information

- Always plug the unit into a grounded 3-prong outlet.
- Do not operate the dehumidifier with a damaged power cord or plug.
- Ensure the unit is placed on a level, stable surface to prevent tipping and water spillage.
- Keep at least 8 inches of space around the unit for proper airflow.
- Do not block air inlets or outlets.
- Unplug the unit before cleaning or performing any maintenance.
- Do not use the unit near flammable gases or combustible materials.
- 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.

3. Product Features

The Hisense DH-7019KP1WG dehumidifier is designed with several features to enhance user experience and performance:

- **Energy Star Certified:** Ensures energy-efficient operation.

- **Built-in Pump:** Allows for continuous vertical or horizontal drainage using the included quick-connect hose, eliminating the need for manual bucket emptying.
- **Low Noise Airflow System:** Operates quietly, achieving a 46 dB(A) sound level on the low setting.
- **Three Operating Modes:** Manual Set, Continuous, and Auto Dry for flexible humidity control.
- **Adjustable Humidistat:** Set your desired humidity level.
- **Programmable 24-Hour On/Off Timer:** Schedule operation to suit your needs.
- **Removable, Washable Filter:** Easy to clean and maintain for optimal air quality.
- **Full-Tank Alert/Shutoff:** Prevents overflows by automatically shutting off when the water bucket is full.
- **Filter Indicator:** Notifies you when it's time to clean the filter.
- **Wide Operating Temperature Range:** Functions effectively in temperatures as low as 38°F.

4. Setup

Follow these steps to set up your dehumidifier:

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Retain packaging materials for future storage or transport.
2. **Placement:** Place the unit on a firm, level surface in the area where dehumidification is needed. Ensure there is at least 8 inches (20 cm) of clear 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 3-prong electrical outlet.
4. **Drainage Options:**
 - **Manual Drainage (Bucket):** Water will collect in the internal water bucket. When the bucket is full, the unit will automatically shut off, and the "Empty Bucket" indicator will illuminate. Carefully remove and empty the bucket, then replace it securely.
 - **Continuous Drainage (Built-in Pump):** For continuous operation without emptying the bucket, attach the included quick-connect hose to the pump drain port on the back of the unit. Route the hose to a suitable drain (e.g., floor drain, sink, or out a basement window). Ensure the hose is not kinked or blocked. The built-in pump will automatically discharge collected water.





Figure 4.1: Front-side view of the Hisense 70 Pint Dehumidifier.



Figure 4.2: Rear view of the dehumidifier, highlighting the drain hose connection point for continuous drainage.

5. Operating Instructions

The control panel allows you to manage all functions of your dehumidifier. Refer to the image below for button identification.



Figure 5.1: Top-down view of the control panel, showing power, mode, fan, timer, clean filter, and pump buttons, along with the digital display.

- **Power Button:** Press to turn the unit ON or OFF.
- **Mode Button:** Cycle through operating modes:
 - **Manual Set:** Allows you to set a specific desired humidity level. Use the '+' and '-' buttons to adjust the target humidity (typically between 30% and 80% relative humidity).
 - **Continuous:** The unit will operate continuously regardless of the ambient humidity level. Ideal for very damp conditions.
 - **Auto Dry:** The unit automatically selects the optimal humidity level and fan speed for the room.
- **Fan Button:** Adjusts the fan speed (High, Low, Auto). Higher fan speed results in faster dehumidification but increased noise.
- **Timer Button:** Set a 24-hour timer for automatic ON or OFF operation. Press the button and use '+' and '-' to set the desired hours.
- **Clean Filter Indicator:** A light will illuminate when the air filter needs cleaning. Refer to the Maintenance section for instructions.
- **Pump Button:** Activates or deactivates the built-in pump for continuous drainage. Ensure the drain hose is properly connected when using this feature.
- **Empty Bucket Indicator:** A light will illuminate when the water collection bucket is full and needs to be emptied. The unit will pause operation until the bucket is emptied and reinserted.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

- **Cleaning the Air Filter:**
 - a. When the "Clean Filter" indicator light illuminates, it's time to clean the filter.
 - b. Turn off the unit and unplug it from the power outlet.
 - c. Locate the air filter (usually at the back or side of the unit). Gently pull it out.
 - d. Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting. Do not use a dishwasher.
 - e. Once the filter is dry, slide it back into its slot.
 - f. Plug in the unit and turn it on. The "Clean Filter" light should reset.
- **Emptying the Water Bucket:**
 - a. When the "Empty Bucket" indicator light illuminates, the bucket is full.
 - b. Carefully pull out the water bucket from the front of the unit.
 - c. Empty the collected water.
 - d. Slide the empty bucket back into the unit until it clicks into place. The unit will resume operation.
- **Cleaning the Unit Exterior:** Wipe the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** If storing the unit for an extended period, ensure the water bucket is empty and the unit is clean and dry. Wrap the power cord neatly and store the unit in an upright position in a cool, dry place.



Figure 6.1: Close-up of the control panel, showing the "Clean Filter" indicator light.

7. Troubleshooting

If your dehumidifier is not operating correctly, consult the following table for common issues and solutions:

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power; power cord not fully inserted; circuit breaker tripped.	Ensure unit is plugged into a live, grounded outlet. Check circuit breaker.
Unit runs but does not dehumidify.	Air filter is dirty; room temperature is too low; humidity setting is too high.	Clean the air filter. Ensure room temperature is above 38°F. Lower the desired humidity setting.
"Empty Bucket" indicator is on, but bucket is not full.	Bucket is not properly seated; float switch malfunction.	Remove and reinsert the bucket firmly. Check for obstructions around the float switch.
Water leaks from the unit.	Drain hose is clogged or improperly connected (if using continuous drainage); unit is not level.	Check drain hose for kinks or blockages and ensure secure connection. Place unit on a level surface.
Unit is noisy.	Fan speed is set to high; unit is not on a stable surface.	Reduce fan speed. Ensure unit is on a flat, stable surface. Some operational noise is normal.

8. Specifications

Feature	Detail
Brand	Hisense
Model Name	DH-7019KP1WG
Dehumidification Capacity	70 Pints per Day
Tank Volume	70 Pints
Recommended Coverage Area	Up to 1000 sq. ft.
Product Dimensions (D x W x H)	12"D x 16"W x 25"H
Color	White/Gray
Special Features	Quiet Operation, Timer, Washable Filter, Built-in Pump
Operation Mode	Continuous
Minimum Operating Temperature	38°F
Energy Star Rated	Yes
UPC	819130023687



Figure 8.1: Dimensional diagram of the Hisense 70 Pint Dehumidifier.

9. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Hisense website. Do not attempt to repair the unit yourself, as this may void the warranty and pose safety risks. Always contact qualified service personnel for assistance.

