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Sijipt POWER 70

Sijipt POWER 70 Dehumidifier User Manual

Model: POWER 70

1. Introduction

Thank you for choosing the Sijipt POWER 70 Dehumidifier. This manual provides essential information for the safe operation, installation, maintenance, and troubleshooting of your dehumidifier. Please read it thoroughly before use and retain it for future reference.

The Sijipt POWER 70 is an ENERGY STAR certified commercial-grade dehumidifier designed to efficiently remove up to 70 pints of moisture per day from areas up to 2,000 square feet. It features a robust heavy-gauge steel body, an internal condensate pump for vertical drainage, and an auto-defrost function for low-temperature operation.



Image 1.1: Sijipt POWER 70 Dehumidifier. This image shows the main unit of the Sijipt POWER 70 dehumidifier, highlighting its compact and robust design.

2. Safety Information

To prevent injury to the user or others and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- Always connect to a grounded power outlet.
- Do not operate the unit with a damaged power cord or plug.
- Do not block air inlets or outlets.
- Ensure the unit is placed on a stable, level surface.
- Keep children and pets away from the unit during operation.
- Unplug the unit before cleaning or performing any maintenance.
- Do not use the unit in areas where flammable gases or liquids are present.

3. Package Contents

Verify that all items are included in your package:

- Sijipt POWER 70 Dehumidifier Unit
- Air Filter (pre-installed)
- Drain Hose (for pump drainage)
- Gravity Drain Adapter
- Power Cord
- User Manual (this document)

4. Product Features

The Sijipt POWER 70 Dehumidifier is equipped with several features for efficient and convenient operation:

- **High Capacity:** Removes up to 70 pints of moisture per day, suitable for areas up to 2,000 sq. ft.
- **Built-In Pump:** Features an internal condensate pump that can lift water up to 16.4 ft vertically, allowing for flexible drainage options.
- **Auto Defrost:** Prevents ice buildup on coils, ensuring continuous operation even in low temperatures (down to 33°F).
- **Digital Humidity Control:** Allows precise humidity setting with ±3% accuracy.
- **24-Hour Timer:** For scheduled operation.
- **Memory Restart:** Automatically resumes operation with previous settings after a power outage.
- **Durable Construction:** Heavy-gauge steel body designed for stable 24/7 operation.
- **Removable and Washable Filter:** For easy maintenance and optimal airflow.
- **Portable Design:** Includes a portable handle and adjustable feet for easy placement.



Image 4.1: Multifunction features. This image illustrates key features including Auto Defrost, Memory Restart, Adjustable Timer, Internal Pump, and Temperature Protection.



Image 4.2: Convenient design. This image highlights the portable handle, cable storage, adjustable feet, and removable filter for user convenience.

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Video 4.1: Overview of Sijipt POWER 70 Dehumidifier. This video provides a general overview of the dehumidifier's features, including its Energy Star rating and built-in pump.

5. Setup

5.1 Placement

Place the dehumidifier on a firm, level surface in the desired location. Ensure there is at least 12 inches of space around the air inlet and outlet for proper airflow. The unit is suitable for basements, crawl spaces, garages, and other commercial areas.



Image 5.1: Dehumidifier placement. This image shows the dehumidifier in various settings such as a basement, garage, crawl space, and warehouse, demonstrating its versatility.

5.2 Drainage Options

The Sijipt POWER 70 offers two drainage methods: pump drainage and gravity drainage.

5.2.1 Pump Drainage

For continuous, hands-free drainage, connect the included 16.4 ft pump hose to the pump drain outlet. The internal pump can lift water up to 16.4 ft vertically, allowing you to drain into a sink, out a basement window, or to an outside drain.



Image 5.2: Pump drainage setup. This image demonstrates the pump drainage feature, showing the hose directing water vertically upwards from the unit.

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Video 5.1: Dehumidifier pump drainage demonstration. This video illustrates how to set up and utilize the built-in pump for continuous water drainage.

5.2.2 Gravity Drainage

For gravity drainage, attach the separate gravity drain adapter and a standard garden hose (not included) to the gravity drain outlet. Ensure the hose is sloped downwards to allow water to flow out by gravity. This method requires the unit to be placed higher than the drain point.



Image 5.3: Pump drain vs. Gravity drain. This image visually compares the two drainage methods, showing the pump drain for vertical lift and the gravity drain for continuous downward flow.

5.3 Power Connection

Plug the power cord into a grounded 110V electrical outlet. The unit is now ready for operation.

6. Operating Instructions

6.1 Control Panel

The digital control panel allows you to manage the dehumidifier's settings. Refer to the display for current humidity levels and operational status.

- **Power Button:** Turns the unit ON or OFF.
- **Humidity Setting Buttons:** Use '+' and '-' buttons to set your desired humidity level (e.g., 45% - 55% is generally recommended).
- **Timer Button:** Activates the 24-hour timer for delayed start or stop.
- **Fan Speed Button:** Adjusts the fan speed (if applicable, check specific model for 2 speeds).

6.2 Setting Desired Humidity

Press the '+' or '-' buttons to adjust the target humidity. The unit will operate until the ambient humidity reaches the set level, then cycle on and off to maintain it.

6.3 Auto Defrost Function

The dehumidifier is equipped with an automatic defrost system. If frost builds up on the evaporator coils in low-temperature conditions, the unit will automatically enter defrost mode to melt the ice. During this time, the dehumidification process will pause, and the fan may continue to run.



Image 6.1: Auto Defrost in action. This image illustrates the auto defrost feature, showing air circulating to prevent frost buildup on the internal coils.

6.4 Memory Restart

In case of a power interruption, the unit will automatically restart with the last saved settings once power is restored.

6.5 Optional Remote Control

An optional remote control panel (sold separately) can be used to monitor and adjust settings from a distance, which is particularly useful for crawl space installations.



Image 6.2: Optional remote control. This image shows a user interacting with an optional remote control panel, which can be purchased separately for convenient operation.

7. Maintenance

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

7.1 Cleaning the Air Filter

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality. A dirty filter can reduce efficiency and airflow.

1. Unplug the dehumidifier from the power outlet.
2. Locate and remove the air filter from the unit (typically on the side or back).
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 the dehumidifier back in.



Image 7.1: Easy filter maintenance. This image shows the removable filter being cleaned, emphasizing the ease of maintenance for optimal airflow.

7.2 Cleaning the Exterior

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

8. Troubleshooting

Before contacting customer support, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; Power cord not plugged in; Circuit breaker tripped.	Ensure unit is plugged into a grounded outlet; Check circuit breaker; Try a different outlet.
Unit is running but not dehumidifying.	Air filter is dirty; Room temperature is too low; Humidity setting is too high.	Clean the air filter; Ensure room temperature is above 33°F; Lower the target humidity setting.
Water is leaking.	Drain hose is kinked or blocked; Drain hose connection is loose.	Check and clear any kinks or blockages in the drain hose; Ensure drain hose is securely connected.
Unit is noisy.	Unit is not on a level surface; Fan obstruction.	Place the unit on a stable, level surface; Check for any obstructions in the fan area.

9. Specifications

Feature	Detail
Brand	Sijipt

Feature	Detail
Model Name	POWER 70
Dehumidification Capacity	70 Pints per day (AHAM verified)
Coverage Area	Up to 2,000 sq. ft.
Product Dimensions (D x W x H)	16"D x 12"W x 13"H
Item Weight	40.4 pounds
Material	Heavy-Gauge Steel
Voltage	110 volts
Wattage	410 watts
Air Flow Capacity	125 cfm
Operation Mode	Continuous
Number of Speeds	2
Special Features	Auto Defrost (33°F), Automatic Moisture Removal, Automatic Restart, Built-In Pump (Drains Up 16.4ft Vertically)
Included Components	Air Filter, Dehumidifier, Drain Hose, Power Cord, User Manual



Image 9.1: Compact size and components. This image displays the dimensions of the dehumidifier and points out the gravity drain outlet, removable filter, and adjustable feet.

10. Warranty and Support

The Sijipt POWER 70 Dehumidifier comes with a **1-year manufacturer's warranty**. For warranty claims or technical assistance, please contact Sijipt customer support. Our US-based support team is available to answer your questions. Please have your model number (POWER 70) and purchase date available when contacting support.

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