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Sijipt Guardian SJ80P

Sijipt 80 Pints Dehumidifier with Pump (Model Guardian SJ80P) User Manual

Model: Guardian SJ80P | Brand: Sijipt

1. Introduction and Overview

Thank you for choosing the Sijipt 80 Pints Dehumidifier with Pump. This appliance is designed to efficiently remove excess moisture from your indoor environment, improving air quality and comfort. It features a built-in pump for continuous drainage, an Energy Star certification for energy efficiency, and a user-friendly control panel with various operating modes and a 24-hour timer. Please read this manual thoroughly before operating the dehumidifier to ensure safe and optimal performance. Keep this manual for future reference.

2. Safety Information

Important Safety Instructions:

- Always place the dehumidifier on a level, stable surface to prevent tipping and water spillage.
- Ensure the power outlet matches the voltage requirements of the unit.
- Do not operate the unit with a damaged power cord or plug.
- Keep the air inlet and outlet grilles clear of obstructions to ensure proper airflow.
- Do not insert fingers or foreign objects into the grilles.
- Unplug the unit before cleaning or performing any maintenance.
- Do not use the dehumidifier 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.
- Children should be supervised to ensure that they do not play with the appliance.
- For indoor use only.

3. Package Contents

Verify that all items are included in the package:

- 1 x Sijipt 80 Pints Dehumidifier with Pump
- 1 x 16.5 Feet Pump Drain Hose
- 1 x 6.56 Feet Gravity Drain Hose
- 1 x 1.32 Gallon Removable Water Tank
- 1 x Washable Filter (pre-installed)
- 1 x User Manual (this document)

4. Product Features

- **Built-in Pump:** Allows for vertical or horizontal drainage up to 16.4 feet, eliminating manual bucket emptying.
- **High Dehumidification Capacity:** Removes up to 80 pints of moisture per day, suitable for areas up to 5000 sq. ft.
- **Energy Star Certified:** Designed for energy efficiency, reducing electricity consumption by up to 30%.
- **Smart Control Panel:** Intuitive interface with digital display for easy operation.
- **Adjustable Humidity Control:** Set desired humidity levels between 30% and 80% RH.
- **Multiple Operating Modes:** DEHU (Dehumidification), DRY (Clothes Drying), and CONT (Continuous).
- **24-Hour Timer:** Schedule power on or off times.
- **Child Lock:** Prevents accidental changes to settings.
- **Washable Filter:** Reusable and easy to clean for improved air quality and unit longevity.
- **Portable Design:** Features an easy-grip handle and 360° smooth-rolling wheels for effortless movement.
- **Auto-Restart:** Automatically resumes operation after a power outage with previous settings.
- **Auto-Defrost:** Prevents frost buildup on evaporator coils in low temperatures.
- **Full Water Alert & Auto-Shutoff:** Stops operation when the water tank is full to prevent overflow.

5. Setup

1. **Unpacking:** Carefully remove the dehumidifier and all accessories from the packaging. Retain packaging for future storage or transport.
2. **Placement:**
    - Place the unit on a firm, level surface capable of supporting its weight when the water tank is full.
    - Ensure there is at least 8 inches (20 cm) of space around the unit for proper airflow.
    - Avoid placing the unit near heat sources, in direct sunlight, or in areas exposed to freezing temperatures.
    - The dehumidifier is suitable for basements, large rooms, bathrooms, closets, RVs, and garages.
3. **Power Connection:** Plug the power cord into a grounded electrical outlet.



Image: Sijipt Dehumidifier demonstrating built-in pump drainage capability.

6. Operating Instructions

The control panel features a digital display and various buttons for easy operation. Refer to the control panel image for button layout.



Image: Smart Control Panel and Display Screen.

1. **Power On/Off:** Press the **POWER** button to turn the unit on or off.
2. **Mode Selection:** Press the **MODE** button to cycle through the following modes:
    - **DEHU Mode:** Standard dehumidification. Adjust humidity level using the Humidity Adjust knob.
    - **DRY Mode:** Designed for drying clothes or damp spaces.
    - **CONT Mode:** Continuous operation, ideal for very damp environments.
3. **Humidity Adjustment:** Rotate the **HUMIDITY ADJUST** knob to set the desired humidity level between 30% and 80% Relative Humidity (RH). Turning right increases the humidity level, turning left decreases it.
4. **Fan Speed:** Press the **SPEED** button to select between Low and High fan speeds.
5. **Timer Function:**
    - **To set scheduled power-on time (when device is off):** Press the **TIMER** button and rotate the Humidity Adjust knob to set the desired hours (1-24H).
    - **To set scheduled power-off time (when device is on):** Press the **TIMER** button and rotate the Humidity Adjust knob to set the desired hours (1-24H).

6. **Child Lock:** Press and hold the **LOCK** button for 3 seconds to activate or deactivate the child lock. This prevents accidental changes to settings.

Your browser does not support the video tag.

Video: Operating Guide for Sijipt Dehumidifier. This video demonstrates how to power on, select modes, adjust humidity, set the timer, and use the child lock feature.

7. Drainage Options

The Sijipt dehumidifier offers multiple ways to remove collected water:

7.1 Manual Drainage (Water Tank)

When the water tank is full, the unit will automatically shut off, and the "Full" indicator light will illuminate. To empty the tank:

1. Carefully pull out the water tank from the front of the unit.
2. Empty the collected water.
3. Slide the empty tank back into the unit until it clicks into place. The unit will resume operation.



Image: Manual drainage by emptying the easy-carry water bucket.

7.2 Pump Drainage

The built-in pump allows for continuous drainage to a sink, drain, or out a window, even if the drainage point is above the unit. The pump can lift water up to 16.4 feet vertically.

1. Insert one end of the provided 16.5-foot pump drain hose into the pump drainage outlet on the back of the unit. Ensure it is securely connected.
2. Direct the other end of the hose to a suitable drainage location (e.g., sink, floor drain, window).
3. Power on the dehumidifier.
4. Press and hold the **PUMP** button for 3 seconds to activate the pump. The pump indicator light will illuminate.
5. When the internal water tank fills, the pump will automatically activate to drain the water.

Your browser does not support the video tag.

Video: Sijipt Dehumidifier with Pump for Basement and Large Home. This video demonstrates the pump drainage setup and operation, showing water being pumped upwards.

7.3 Continuous Gravity Drainage

For continuous drainage without using the pump, you can use the gravity drain hose. This requires the drainage point to be lower than the unit's drainage outlet.

1. Remove the cap from the continuous drainage outlet on the back of the unit.
2. Insert one end of the provided 6.56-foot gravity drain hose into the outlet. Ensure it is securely connected.
3. Direct the other end of the hose to a suitable floor drain or outdoor drain. Ensure the hose is sloped downwards to allow gravity to drain the water.
4. The unit will continuously drain water without filling the internal tank.

8. Maintenance

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

8.1 Cleaning the Air Filter

The washable air filter should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Remove the 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 re-installing it. Do not use a dryer or direct heat.
5. Re-insert the dry filter into the unit.



Image: Removing and cleaning the reusable washable filter.

8.2 Cleaning the Unit Exterior

Wipe the exterior of the dehumidifier with a soft, damp cloth. Do not use harsh chemicals, abrasives, or solvents, as these can damage the surface.

8.3 Storage

If storing the unit for an extended period:

1. Empty the water tank and ensure it is dry.
2. Perform a forced drainage to remove any remaining water from the internal pump system (see Troubleshooting section for instructions).
3. Clean the air filter.
4. Cover the unit with a plastic bag to protect it from dust.
5. Store in a cool, dry place.

9. Troubleshooting

Before contacting customer support, please refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply; Power cord not plugged in; Power outage.	Ensure the unit is plugged into a working outlet. Check circuit breaker.
Unit is running but not collecting water.	Humidity setting is too high; Room temperature is too low; Air filter is clogged; Continuous drainage hose is connected.	Lower the humidity setting. Ensure room temperature is above 41°F (5°C). Clean the air filter. Disconnect continuous drain hose if manual collection is desired.
"Full" indicator light is on, but tank is not full.	Water tank is not properly seated; Float switch malfunction.	Remove and re-insert the water tank, ensuring it is correctly positioned.
Unit is noisy.	Unit is not on a level surface; Air filter is clogged; Fan obstruction.	Place the unit on a level surface. Clean the air filter. Check for any obstructions in the fan area.
Water leaks from the unit.	Water tank is not properly seated; Drainage hose is loose or damaged.	Ensure the water tank is correctly inserted. Check all drainage hose connections for tightness and damage.

Forced Drainage Function (for storage or transport)

To drain any residual water from the internal pump system before moving or storing the unit:

1. Ensure the pump drain hose is connected and directed to a suitable drain.
2. With the unit powered on, press and hold both the **PUMP** and **SPEED** buttons simultaneously for 3 seconds.
3. The pump will activate and drain any remaining water.

10. Specifications

Feature	Specification
Brand	Sijipt
Model Name	Guardian SJ80P
Dehumidification Capacity	80 Pints per Day (at 95°F, 90% RH)

Feature	Specification
Coverage Area	Up to 5000 Square Feet
Tank Volume	5 Liters (1.32 Gallons)
Product Dimensions (D x W x H)	13"D x 10"W x 19"H
Color	White
Material	Acrylonitrile Butadiene Styrene (ABS)
Number of Speeds	2 (Low, High)
Wattage	440 watts
Air Flow Capacity	230 Cubic Feet Per Minute
Humidity Control Range	30% - 80% RH
Special Features	Adjustable Humidity Control, Automatic Defrost, Built-In Pump, Energy Star Certified, Overheat Protection, Quiet Operation, 24H Timer, Child Lock, Memory Starting

11. Warranty and Support

The Sijipt 80 Pints Dehumidifier (Model Guardian SJ80P) comes with a 12-month warranty from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.
For technical support, troubleshooting assistance, or warranty inquiries, please contact Sijipt customer service through the retailer's platform or the official Sijipt website. Ensure you have your model number and purchase date available when contacting support.

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