Sijipt Guardian HD100

Sijipt Guardian HD100 Dehumidifier User Manual

Model: Guardian HD100 | Brand: Sijipt

Introduction

Thank you for choosing the Sijipt Guardian HD100 Dehumidifier. This powerful and energy-efficient appliance is designed to effectively remove excess moisture from large spaces, improving air quality and preventing issues like mold and mildew. With a capacity to remove up to 100 pints of moisture per day and covering areas up to 6,000 square feet, it is ideal for basements, large homes, bathrooms, garages, and laundry rooms. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your dehumidifier.



Figure 1: Front view of the Sijipt Guardian HD100 Dehumidifier, showing the digital display and Energy Star logo.

Important Safety Information

Please read all safety warnings and instructions carefully before operating the dehumidifier to prevent injury or damage. Keep this manual for future reference.

- Always keep the dehumidifier upright for at least 24 hours before the first power connection to allow the refrigerant oil to settle.
- Ensure adequate air circulation. Leave at least 8 inches (20 cm) of space around the device and 16 inches (40 cm) of space on the top.
- Do not block air inlets or outlets.
- This appliance uses flammable refrigerant. Servicing should only be performed by trained service personnel.
- Do not operate the unit if the power cord or plug is damaged.
- Always unplug the unit before cleaning or performing any maintenance.
- The compressor will start working after 3 minutes each time the dehumidifier is turned on to protect and extend its

life. This is normal operation.

Product Overview

Included Components:

- Sijipt Guardian HD100 Dehumidifier Unit
- User Manual (this document)
- Power Cord
- Drain Hose (3.28 ft / 1 meter)
- Removable Water Tank (1.5 Gallon / 5.4 Liters)
- Washable Filter

Key Features:

- **Smart Control Panel & Digital Display:** Easy-to-use touchscreen interface with dual digital displays for monitoring humidity.
- **Adjustable Humidity Control:** Set desired humidity levels between 30% and 80%.
- **Multiple Operating Modes:** DEHU (Dehumidification), DRY (Clothes Drying), and CONT (Continuous).
- **Two Fan Speeds:** Low and High settings for customized airflow.
- **24-Hour Timer:** Program the unit to turn on or off automatically.
- **Child Lock:** Prevents accidental changes to settings.
- **Automatic Defrost:** Prevents ice buildup on coils in low temperatures.
- **Automatic Shutoff:** Unit stops operation when the water tank is full.
- **Portable Design:** Equipped with 360° built-in universal wheels and recessed handles for easy mobility.



Figure 2: Close-up of the smart control panel and digital display, showing various function icons.

Setup

1. Initial Placement:

Place the dehumidifier on a flat, stable surface in the desired location. Ensure there is sufficient clearance around the unit for proper airflow (at least 8 inches on sides and back, 16 inches on top).

2. Initial Standby:

After unpacking, keep the unit upright for at least 24 hours before plugging it in. This allows the refrigerant to stabilize, preventing potential damage to the compressor.

Your browser does not support the video tag.

Video 1: Official product video demonstrating the setup and features of the Sijipt dehumidifier, including drainage options.

3. Power Connection:

Plug the power cord into a grounded electrical outlet. The unit will enter standby mode.

4. Drainage Options:

The Sijipt Guardian HD100 offers two convenient drainage methods:

- **Manual Drain (Water Bucket):**
  The unit collects water in its internal 1.5-gallon (5.4L) water tank. When the tank is full, the unit will automatically shut off and an indicator light will illuminate. Carefully remove the water tank using the recessed handles and empty it into a sink or drain. Reinsert the tank firmly until it clicks into place.



Figure 3: Illustration showing both manual and continuous drainage options.

- **Continuous Drain (Drain Hose):**
  For continuous operation without frequent emptying, attach the included 3.28 ft (1 meter) drain hose to the continuous drain port on the back of the unit. Ensure the hose is sloped downwards to allow gravity drainage into a suitable floor drain or large container. Do not allow the hose to be kinked or elevated, as this will prevent proper drainage.



Figure 4: Close-up of the continuous drain hose connected to the unit.

Operating Instructions

Control Panel Functions:

The smart control panel allows for easy adjustment of settings. The digital display shows the current humidity level or timer setting.

- **Power Button:** Press to turn the unit ON or OFF.
- **Mode Button:** Cycle through operating modes: DEHU (Dehumidification), DRY (Clothes Drying), and CONT (Continuous).
    - *DEHU Mode:* Allows you to set a target humidity level.
    - *DRY Mode:* Operates at maximum dehumidification to quickly dry clothes. Humidity and fan speed are not adjustable in this mode.
    - *CONT Mode:* Runs continuously regardless of humidity level. Humidity is not adjustable in this mode.
- **Humidity (HUM) Button:** In DEHU mode, press to adjust the desired humidity level (30%-80%).
- **Speed Button:** Toggle between Low and High fan speeds.
- **Timer Button:** Set the auto-on or auto-off timer from 1 to 24 hours.
- **Child Lock Button:** Press and hold for 3 seconds to activate/deactivate the child lock, preventing accidental changes to settings.



Figure 5: Visual representation of the three operating modes: Dehu, Continuous, and Dry.

Maintenance

Regular maintenance ensures the efficiency and longevity of your dehumidifier.

1. Emptying the Water Tank:

If using manual drainage, empty the water tank when the "Full" indicator light illuminates and the unit stops operating. Pull out the tank, discard the collected water, and slide it back into place until it is securely seated.

2. Cleaning the Washable Filter:

The dehumidifier features a washable filter to capture dust and airborne particles. Clean the filter regularly (every 2-4 weeks, or more often depending on usage) to maintain optimal performance.

1. Turn off and unplug the dehumidifier.
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 reinserting it into the unit.



Figure 6: Image showing the washable filter being rinsed under water.

Troubleshooting

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power, power cord loose, water tank full or not properly inserted.	Check power connection. Ensure water tank is empty and correctly seated.
Unit not collecting water.	Humidity level set too high, ambient humidity too low, air filter clogged, unit not upright for 24 hours after transport.	Lower desired humidity setting. Clean air filter. Ensure unit has been upright for 24 hours before first use. Check for proper hose connection if using continuous drain.
Unit is noisy.	Unit not on a level surface, air filter clogged.	Place unit on a flat, stable surface. Clean air filter.
"E" or "IE" error code on display.	Internal sensor error or other malfunction.	Unplug the unit for 5 minutes, then plug it back in. If the error persists, contact customer support.
Compressor does not start immediately.	Normal operation delay.	The compressor has a built-in 3-minute delay to protect the system. This is normal.

Specifications

Specification	Detail
Brand	Sijipt

Specification	Detail
Model Name	Guardian HD100
Dehumidification Capacity	100 Pints per Day (at 95°F, 90% RH)
Coverage Area	Up to 6,000 Sq. Ft.
Humidity Control Range	30% - 80% RH
Water Tank Capacity	1.5 Gallons (5.4 Liters)
Drain Hose Length	3.28 ft (1 meter)
Noise Level	≤ 43 dBA
Product Dimensions (DxWxH)	13.7"D x 9.6"W x 19.8"H
Item Weight	34.9 pounds
Wattage	380 watts
Air Flow Capacity	230 Cubic Feet Per Minute

Warranty and Support

The Sijipt Guardian HD100 Dehumidifier comes with a **12-month warranty** from the date of purchase, covering defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.
For technical support, troubleshooting assistance, or warranty inquiries, please contact Sijipt Customer Service. Contact information can typically be found on the product packaging or the official Sijipt website.
Note: Unauthorized repairs or modifications will void the warranty.

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