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Sijipt POWER 145

Sijipt POWER 145 Commercial Dehumidifier Instruction Manual

1. Introduction and Overview

This manual provides comprehensive instructions for the safe and efficient operation of your Sijipt POWER 145 Commercial Dehumidifier. Designed for high-demand environments, this unit effectively removes up to 145 pints of moisture per day, covering areas up to 6,000 sq. ft. It features a robust 350 CFM airflow, a built-in pump with a 16.4 ft drain hose, and a 6.56 ft gravity hose for versatile drainage. Key features include 6-inch ducting support, easy mobility with replaceable casters, smart memory restart, automatic defrost, and precision humidity control.

2. Safety Information

WARNING: Risk of Fire. Flammable Refrigerant Used. To be repaired only by trained service personnel. Do not puncture refrigerant tubing.

WARNING: Risk of Fire. Dispose of property in accordance with Federal or Local Regulations. Flammable Refrigerant Used.

Ensure the unit is placed on a stable, level surface. Allow the unit to sit upright for at least 24 hours after transport before operation to allow refrigerant to settle.

3. Package Contents

- Sijipt POWER 145 Commercial Dehumidifier
- 16.4 ft Pump Drain Hose
- 6.56 ft Gravity Drain Hose
- User Manual

4. Product Features

- **145-Pint Industrial Capacity:** Removes up to 145 pints of moisture per day (Saturation) with 350 CFM airflow, suitable for up to 6,000 sq. ft.
- **Built-in Pump with 16.4 ft Drain Hose:** Allows continuous, unattended operation with vertical water lift for drainage. Includes a 6.56 ft gravity hose for floor drains.
- **6-Inch Ducting Support:** Air outlet connects to a 6-inch flexible duct (not included) for targeted drying in confined spaces.

- **Easy Mobility:** Equipped with replaceable easy-roll casters for effortless transport.
- **Smart Memory Restart:** Automatically restores previous settings after a power outage.
- **Automatic Defrost:** Prevents internal coil freezing, ensuring continuous operation in cold environments.
- **Precision Humidity Control:** Digital control panel with 24-Hour Timer for scheduled operation and maintaining target humidity levels.
- **Washable & Reusable Air Filter:** Easy to remove and clean for sustained performance.
- **Adjustable Non-Slip Feet:** Provides stability on uneven surfaces.



Image: The Sijipt POWER 145 Commercial Dehumidifier demonstrating its powerful dehumidification capability, reducing relative humidity from 90% to 40% in a large space. Key specifications like 145 pints/day, 6000 sq.ft maximum area, and 350 CFM airflow are highlighted.

5. Setup

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Inspect for any damage.
2. **Positioning:** Place the unit on a stable, level surface. Ensure there is adequate space around the air intake and outlet for proper airflow. If the unit was transported horizontally, allow it to stand upright for 24 hours before plugging

it in.

3. **Caster Installation (Optional):** The unit comes with replaceable easy-roll casters. Attach these to the bottom of the unit if you require enhanced mobility. The casters include brakes for secure placement.
4. **Adjustable Feet:** Use the adjustable non-slip feet to level the unit on uneven surfaces.
5. **Power Connection:** Connect the power cord to a grounded electrical outlet.



Image: Close-up view of the Sijipt POWER 145 Dehumidifier's thoughtful design features, including adjustable non-slip feet for stability and replaceable casters with 360-degree rotation and brakes for easy movement and secure positioning.

6. Operating Instructions

1. **Power On/Off:** Press the **Power** button on the intuitive control panel to turn the dehumidifier on or off.
2. **Setting Desired Humidity:** Use the **Up** and **Down** buttons to adjust the desired humidity level (between 10% and 90%). Press **OK** to confirm your setting. The unit will automatically operate to maintain this level.
3. **Timer Function:** Press the **Timer** button to set a duration for automatic turn-on or turn-off.

4. **Memory Restart:** In case of a power outage, the unit will automatically restart with the last saved settings once power is restored.
5. **Automatic Defrost:** The unit features an automatic defrost system. If frost is detected on the coils, the unit will temporarily pause dehumidification to defrost, and the fan will continue to run. Dehumidification will resume automatically once defrosting is complete.



Image: The intuitive control panel of the Sijipt POWER 145 Dehumidifier, showing a digital display for current temperature and humidity, along with clearly labeled buttons for power, adjusting settings (Up/Down), confirming (OK), setting a timer, and initiating a purge cycle.

Your browser does not support the video tag.

Video: This video demonstrates the basic operation of the Sijipt POWER 145 Commercial Dehumidifier, including powering it on, adjusting humidity settings, and showing the display. It highlights the ease of use of the control panel.

7. Drainage Options

The Sijipt POWER 145 offers two convenient drainage methods:

1. **Gravity Drainage:** For continuous drainage to a floor drain or sump pump, connect the provided 6.56 ft gravity drain hose to the gravity drain outlet located at the bottom side of the unit. Ensure the hose is sloped downwards for proper water flow.
2. **Pump Drainage:** For situations requiring water to be pumped upwards or over a longer distance, utilize the built-in pump. Connect the provided 16.4 ft pump drain hose to the pump outlet. The pump will automatically activate when the internal reservoir reaches a certain level, discharging water to your desired location. You can also manually activate the pump using the **Purge** button on the control panel.



Image: The Sijipt POWER 145 Dehumidifier illustrating its dual drainage capabilities. One image shows the unit connected for gravity drainage with a 6.56-foot hose, while another shows it set up for pump drainage with a 16.4-foot hose, allowing water to be expelled upwards or over longer distances.

Your browser does not support the video tag.

Video: This video provides a detailed guide on setting up the Sijipt POWER 145 Dehumidifier for basements, demonstrating how to connect and utilize both the gravity drain and the internal pump for efficient water removal.

8. Maintenance

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

1. **Filter Cleaning:** The unit is equipped with a washable and reusable air filter. Periodically remove the filter from the intake side (as shown in the image) and clean it with water. Allow it to dry completely before reinserting.



Image: A visual demonstration of the removable filter for the Sijipt POWER 145 Dehumidifier, showing how it can be easily taken out and cleaned under running water, emphasizing its reusable design.

9. Troubleshooting

While this manual does not include a dedicated troubleshooting section, please refer to the detailed user manual included in your package for specific guidance on common issues and their resolutions. For further assistance, contact Sijipt customer support.

10. Specifications

Specification	Detail
Brand	Sijipt
Model Name	POWER 145
Floor Area Coverage	Up to 6000 Square Feet
Dehumidification Capacity	145 Pints (Saturation), 90 Pints per Day (AHAM)
Air Flow Capacity	350 Cubic Feet Per Minute (CFM)
Wattage	960 watts
Product Dimensions (D x W x H)	16"D x 13"W x 21"H
Item Weight	62.39 Pounds
Operation Mode	Continuous
Special Features	Adjustable Humidity Control, Automatic Defrost, Automatic Moisture Removal, Automatic Shutoff, Built-In Pump

Material	ABS+Low Carbon Steel

11. Warranty and Support

Warranty: The Sijipt POWER 145 Commercial Dehumidifier comes with a 2-Year Manufacturer Warranty.

Support: For any questions or assistance, please refer to the contact information provided on the unit's label or in the included user manual. You may also visit the Sijipt website or contact their service email for support.

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