

ZAFRO D6550

ZAFRO D6550 55 Pint Dehumidifier User Manual

Model: D6550

1. INTRODUCTION

Thank you for choosing the ZAFRO D6550 Dehumidifier. This manual provides essential information for the safe and efficient operation of your new appliance. Please read it thoroughly before use and retain it for future reference.

This dehumidifier is designed to remove excess moisture from the air, helping to prevent mold, mildew, and other humidity-related issues in your home or designated area. It features a powerful compressor, multiple operating modes, and user-friendly controls.

2. PRODUCT OVERVIEW

Key Features

- **High Capacity:** Removes up to 22 pints/day at 65°F (55 pints/day max at 85°F) for spaces up to 2500 sq ft.
- **Ultra-Quiet Operation:** Operates at 38.7dB on low speed, suitable for bedrooms and offices.
- **Dry Clothes Mode:** Accelerates indoor laundry drying by up to 50%.
- **Large Water Tank:** 4.8L capacity reduces frequency of emptying.
- **Continuous Drainage:** Option for direct drainage with included hose.
- **Eco-Friendly:** Uses R32 refrigerant for higher efficiency.
- **Washable Filter:** Reusable filter for improved air quality and cost savings.
- **Portable Design:** Equipped with 360° wheels and a soft leather handle for easy movement.

Components and Design

The ZAFRO D6550 features a sleek, minimalist white design that blends well with various home decors. It

includes an intuitive control panel and a visible water level window.

HIGH-EFFICIENCY, ENERGY-SAVING DEHUMIDIFIER



Figure 2.1: Front view of the ZAFRO D6550 Dehumidifier, showcasing its compact and modern design.



Figure 2.2: Internal view highlighting the high-efficiency dual-power dehumidifying condenser and the 4.8L large water tank.

Easy Mobility & Compact Design



Figure 2.3: Features for easy mobility and maintenance, including a soft leather handle, visual water tank, washable filter, and 360° wheels.

3. SETUP

Unpacking

1. Carefully remove the dehumidifier from its packaging.
2. Remove all packing materials, including any tape or protective films.
3. Inspect the unit for any damage. If damaged, do not operate and contact customer support.

Placement

- Place the dehumidifier on a level, stable surface.
- 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 where it may be exposed to water splashes.
- For optimal performance, close all doors and windows in the room where the dehumidifier is operating.

Power Connection

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

4. OPERATING INSTRUCTIONS

Control Panel Overview

The ZAFRO D6550 features an intuitive LED digital control panel on the top of the unit. The current humidity level is also displayed on the front of the unit for easy monitoring.



Figure 4.1: Detailed view of the intelligent control panel and LED display, showing various function buttons.

Basic Operation

1. **Power On/Off:** Press the **Power** button (

INTELLIGENT CONTROL PANEL LED DISPLAY



) to turn the unit on or off.

2. **Setting Humidity Level:** Use the **Up** (

INTELLIGENT CONTROL PANEL LED DISPLAY



) and **Down** (

INTELLIGENT CONTROL PANEL LED DISPLAY



) arrow buttons to set your desired humidity level between 30% and 80%. The unit will automatically maintain this level.

3. **Fan Speed:** Press the **Fan Speed** button (

INTELLIGENT CONTROL PANEL LED DISPLAY



) to cycle between low and high fan speeds.

Operating Modes

Press the **Mode** button (

INTELLIGENT CONTROL PANEL LED DISPLAY



) to select from the following modes:

- **Normal Dehumidification:** Standard operation to reduce humidity.
- **Continuous Dehumidification:** Runs continuously regardless of humidity level.
- **Strong/Turbo Dehumidification:** Maximizes moisture removal for very damp conditions.
- **Ventilation:** Circulates air without active dehumidification.
- **Dry Clothes Mode:** Optimized settings for faster laundry drying.

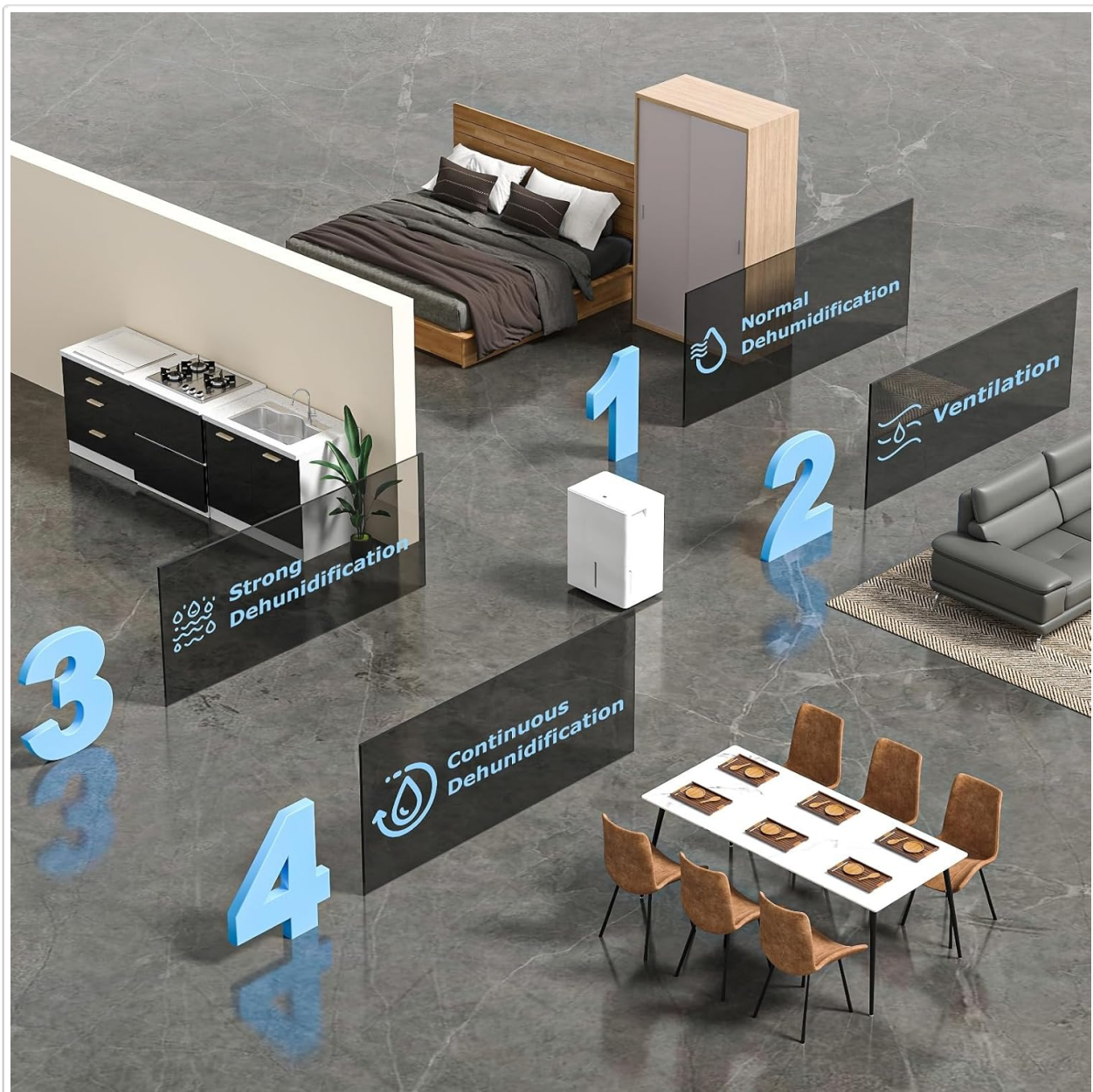


Figure 4.2: Visual representation of the four primary operating modes for various humidity control needs.

Additional Functions

- **Timer:** Press the **Timer** button (

INTELLIGENT CONTROL PANEL LED DISPLAY



) to set an auto-on or auto-off time from 1 to 24 hours.

- **Sleep Mode:** Press the **Sleep** button (

INTELLIGENT CONTROL PANEL LED DISPLAY



) to dim the display lights for undisturbed sleep. Press any button to temporarily reactivate the display.

- **Child Lock:** To activate, press and hold the **Sleep** and **Timer** buttons simultaneously for 3 seconds. This locks the control panel to prevent accidental changes. Repeat the action to unlock.



Figure 4.3: The Child Lock Mode prevents unintended operation, ideal for households with children.

Video Demonstration

Your browser does not support the video tag.

Video 4.1: A detailed overview of the ZAFRO D6550 Dehumidifier's features, including its design, control panel functions, and various operating modes. This video demonstrates how to power on the unit, adjust fan speed, select modes, set the timer, activate sleep mode, and use the child lock feature. It also shows the water tank removal and reinsertion process.

5. MAINTENANCE

Emptying the Water Tank

The dehumidifier will automatically shut off when the 4.8L water tank is full. The water level window allows you to monitor the tank's fill status.

1. Gently pull out the water tank from the front of the unit.
2. Carefully carry the tank to a sink or drain.
3. Empty the collected water.
4. Slide the empty tank back into the dehumidifier until it clicks into place.

Continuous Drainage

For continuous operation without needing to empty the tank, connect the included drain hose (inner diameter: 0.787 inch) to the continuous drainage port on the back of the unit. Ensure the hose is sloped downwards to allow gravity drainage into a suitable receptacle or floor drain.

Cleaning the Washable Filter

The filter indicator light will illuminate after approximately 250 hours of operation, signaling that the filter needs cleaning.

1. Turn off and unplug the dehumidifier.
2. Remove the filter from the back of the unit.
3. Wash the filter with clean water and a mild detergent.
4. Allow the filter to air dry completely before reinserting it.
5. Once the clean, dry filter is reinserted, long-press the **Filter Clean** button (



) to reset the filter timer and turn off the indicator light.



Figure 5.1: The detachable and washable filter ensures clean air and reduces maintenance costs.

6. TROUBLESHOOTING

If you encounter issues with your ZAFRO D6550 Dehumidifier, please refer to the following common problems and solutions before contacting customer support.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply; Power cord not properly connected; Water tank full or incorrectly installed.	Check power outlet; Ensure power cord is securely plugged in; Empty and correctly reinsert water tank.
Unit is running but not collecting water.	Room temperature too low (below 41°F/5°C); Humidity level already low; Filter is clogged.	Dehumidifiers are less effective in cold temperatures; Check ambient humidity; Clean the air filter.
Unit is noisy.	Unit not on a level surface; Filter is clogged.	Place unit on a flat, stable surface; Clean the air filter.
Water leaks from the unit.	Water tank not properly installed; Continuous drainage hose is loose or blocked.	Ensure water tank is correctly seated; Check hose connection and clear any blockages.
Error codes displayed.	Specific internal malfunction.	Refer to the full manual for specific error code meanings or contact customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	ZAFRO
Model Name	D6550
Dehumidification Capacity	22 Pints per Day (at 65°F), 55 Pints Max (at 85°F)
Coverage Area	Up to 2500 Square Feet
Water Tank Volume	4.8 Liters
Noise Level	38.7dB (Ultra Quiet)
Product Dimensions (D x W x H)	10.2" x 14.57" x 19.69"
Item Weight	34.1 pounds
Material	Plastic
Color	White
Special Feature	LED Power Indicator, Child Lock, Sleep Mode, Dry Clothes Mode
Refrigerant	R32 (Eco-Friendly)
Operation Mode	Automatic
UPC	755594479120
ASIN	B09229RWKJ

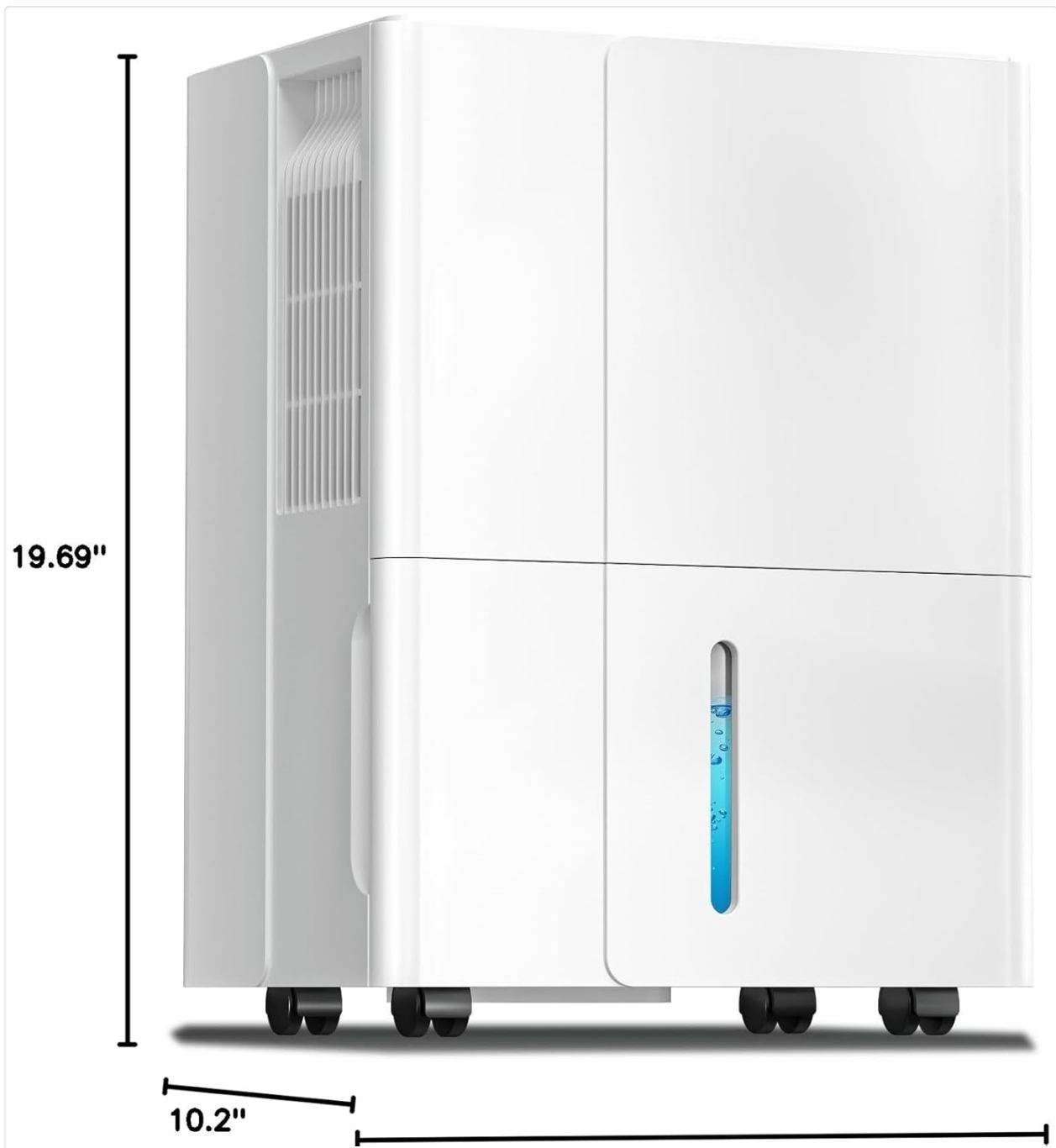


Figure 7.1: Product dimensions for planning placement.

8. WARRANTY AND SUPPORT

ZAFRO products are manufactured to the highest quality standards. For warranty information, technical support, or service inquiries, please refer to the contact information provided with your purchase documentation or visit the official ZAFRO website.