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ZAFRO FDD35-5320V1R3

ZAFRO 35-Pint Dehumidifier User Manual

Model: FDD35-5320V1R3 | Brand: ZAFRO

1. INTRODUCTION

Thank you for choosing the ZAFRO 35-Pint Dehumidifier. This powerful household appliance is designed to effectively remove excess moisture from your living environment, covering areas up to 3000 square feet. It helps to purify the air, prevent mold and mildew, and create a more comfortable atmosphere in your home, large rooms, or bedrooms. This manual provides essential information for the safe and efficient operation of your dehumidifier.



Figure 1.1: Front view of the ZAFRO 35-Pint Dehumidifier. This unit features a sleek white design with a visible water level indicator on the front.

2. PRODUCT FEATURES

- **High Capacity Dehumidification:** Capable of removing up to 35 pints of moisture per day in areas up to 3000 square feet, based on 65°F and 60% RH conditions.
- **Multiple Operating Modes:** Includes Normal Dehumidification, Continuous Dehumidification, Strong (Turbo) Dehumidification, and Ventilation modes to suit various needs.

- **Intelligent Humidity Control:** Allows setting desired humidity levels between 30% and 80%. The unit automatically stops when the target humidity is reached and restarts when humidity rises.
- **Smart Operation Panel:** Features a clear digital display for current humidity and intuitive buttons for mode selection, fan speed, timer, and special functions.
- **Portable Design:** Equipped with 360° casters and side handles for easy mobility between rooms, ensuring flexibility in placement.
- **Convenient Drainage Options:** Offers both manual water tank drainage with an auto-shutoff feature when full, and continuous drainage via a hose connection (hose not included).
- **Sleep Mode:** Optimizes the resting environment by operating quietly and dimming display lights.
- **24-Hour Timer:** Allows scheduling operation for up to 24 hours.
- **Child Lock:** Prevents accidental changes to settings.
- **Filter Clean Reminder:** An indicator light illuminates after 250 hours of operation to remind users to clean the filter.



Figure 2.1: The ZAFRO Dehumidifier efficiently removes up to 35 pints of moisture per day, improving air quality in large spaces.

3. SETUP AND PLACEMENT

3.1 Unpacking

Carefully remove the dehumidifier from its packaging. Inspect the unit for any signs of damage during transit. Remove any internal packing materials from the water tank compartment before first use.

3.2 Optimal Placement

For best performance, place the dehumidifier in a central location within the area you wish to dehumidify. Ensure there is at least 8 inches (20 cm) of space around the unit for proper airflow. Avoid placing it directly against walls or furniture that might obstruct the air intake or exhaust vents.

- The unit is designed to be portable with 360° casters and side handles, allowing for easy movement between rooms.
- Ideal for basements, large living rooms, bedrooms, and other areas prone to high humidity.



Figure 3.1: The dehumidifier's compact dimensions (24.41"D x 11.02"W x 14.96"H) and 360° casters ensure easy mobility and space-saving placement.

3.3 Power Connection

Plug the power cord into a grounded electrical outlet. Ensure the voltage matches the specifications listed on the unit's rating label.



Figure 3.2: Rear view of the dehumidifier, highlighting the power cord holder for neat storage when not in use.

4. OPERATING INSTRUCTIONS

4.1 Control Panel Overview

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

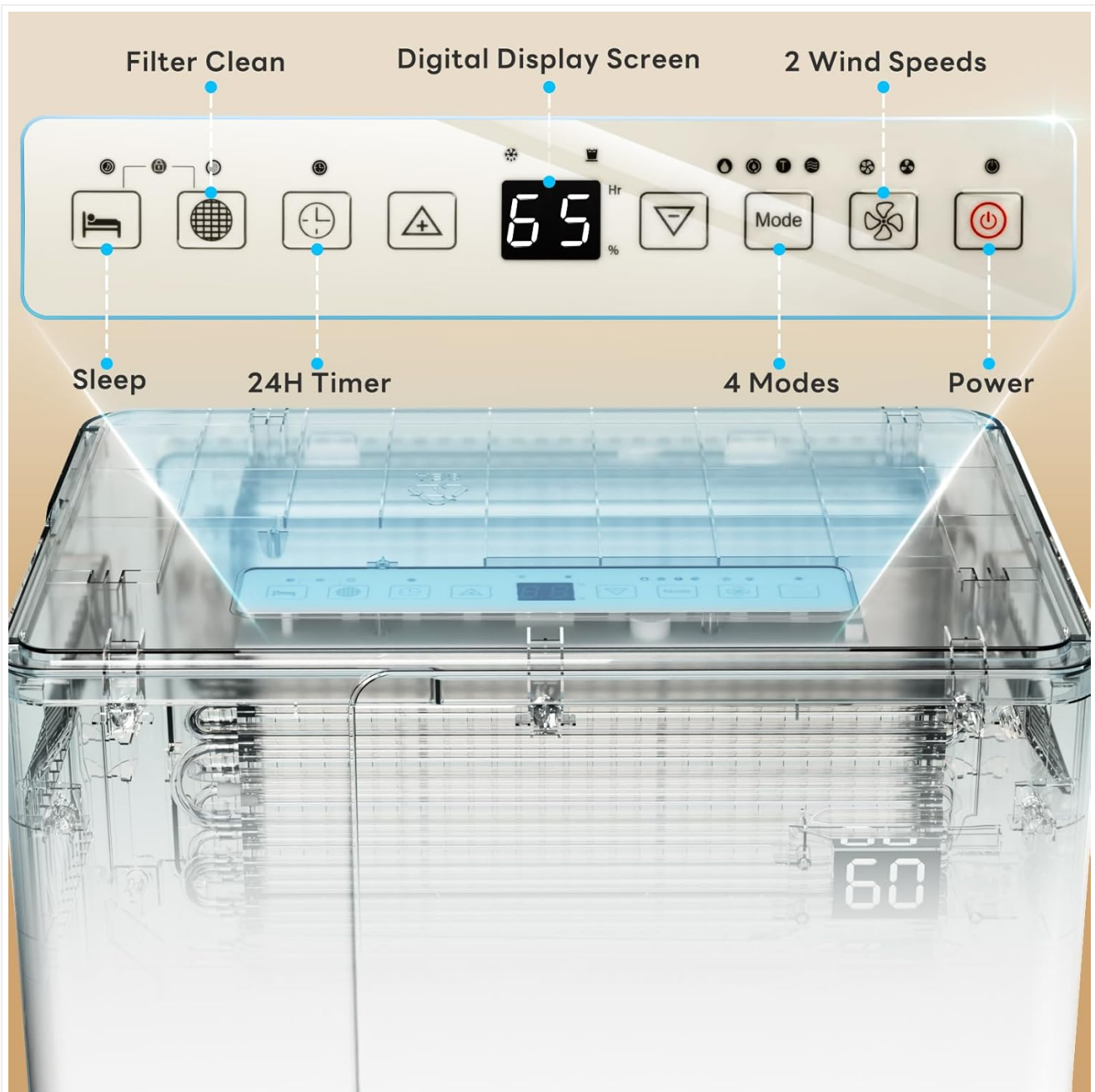
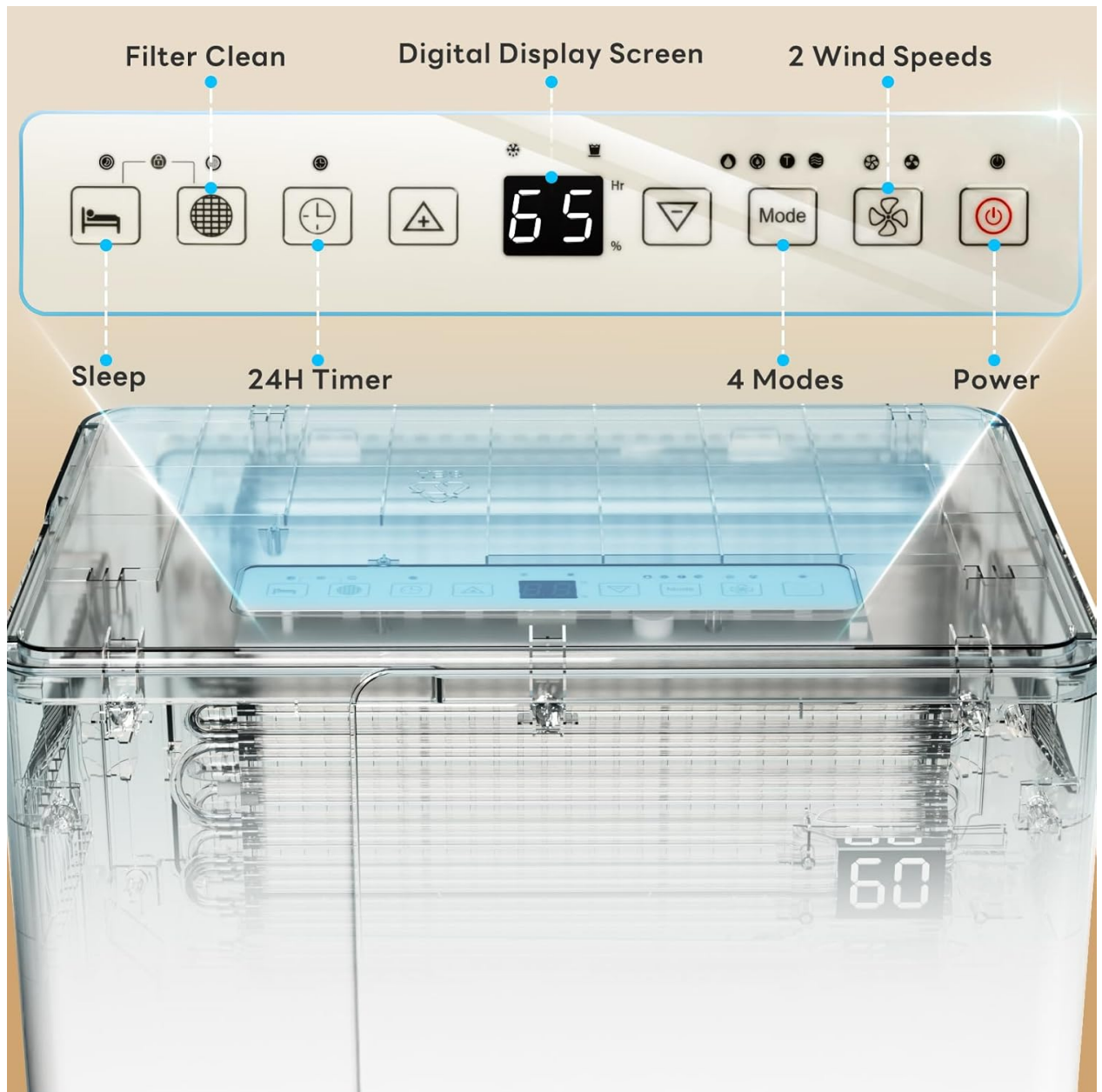


Figure 4.1: Detailed view of the digital control panel, showing buttons for Sleep, 24H Timer, Filter Clean, Mode selection, Fan Speed, and Power, along with the digital display.

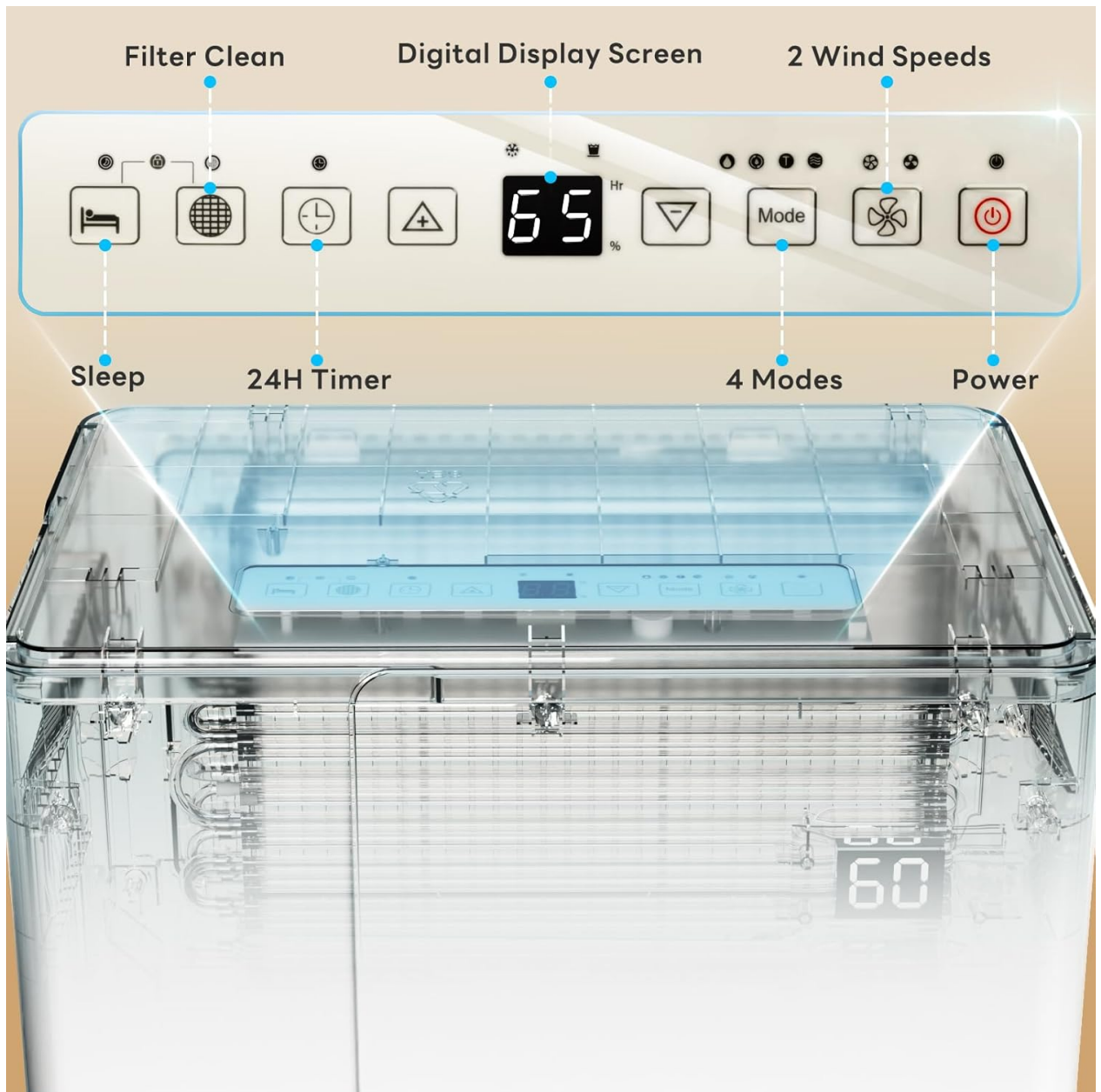
4.2 Basic Operation

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



) to turn the unit on or off.

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

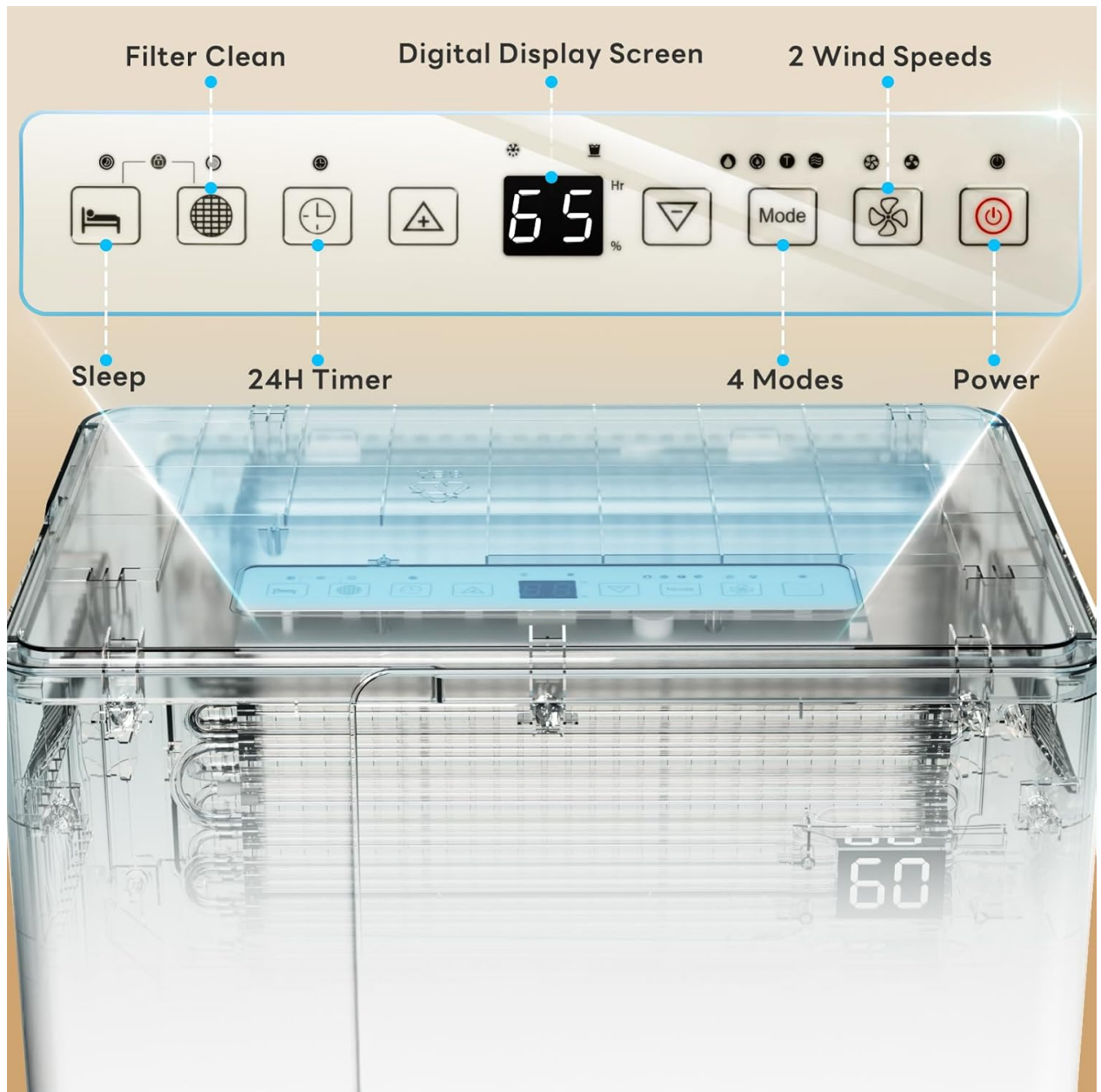


) and **Down** (



) arrow buttons to set your desired humidity level between 30% and 80%. The unit will operate until this level is reached.

3. **Select Mode:** Press the **Mode** button (



) to cycle through the following modes:

- **Normal Dehumidification:** Standard operation with adjustable humidity (30%-80%).
- **Continuous Dehumidification:** Unit runs continuously regardless of humidity level. Fan speed is adjustable.
- **Strong (Turbo) Dehumidification:** Increases dehumidification effort for faster moisture removal.
- **Ventilation:** Unit operates as a fan, circulating air without dehumidifying.

4. **Adjust Fan Speed:** Press the **Fan Speed** button (



) to switch between low and high fan speeds.

Four Button With Four Options

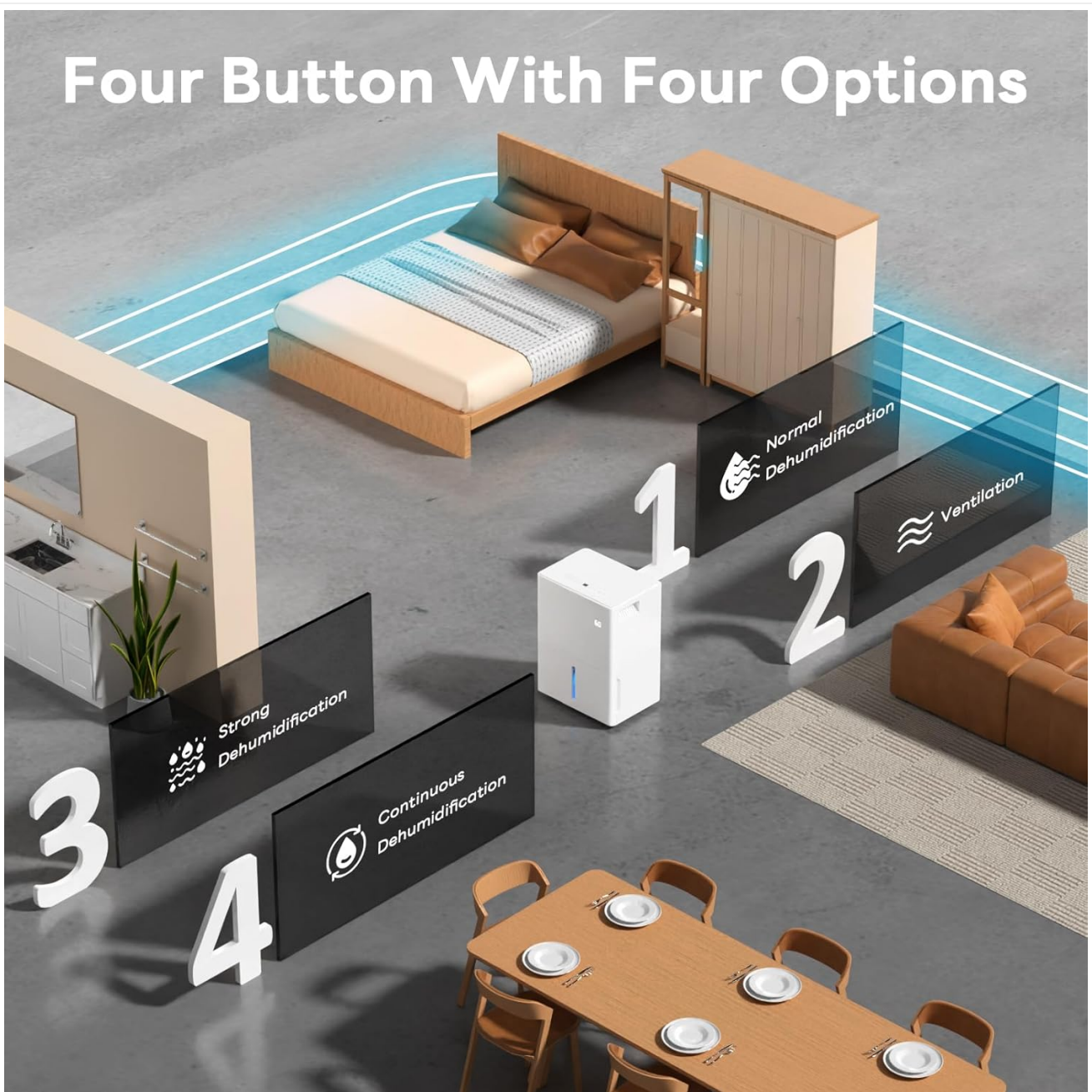
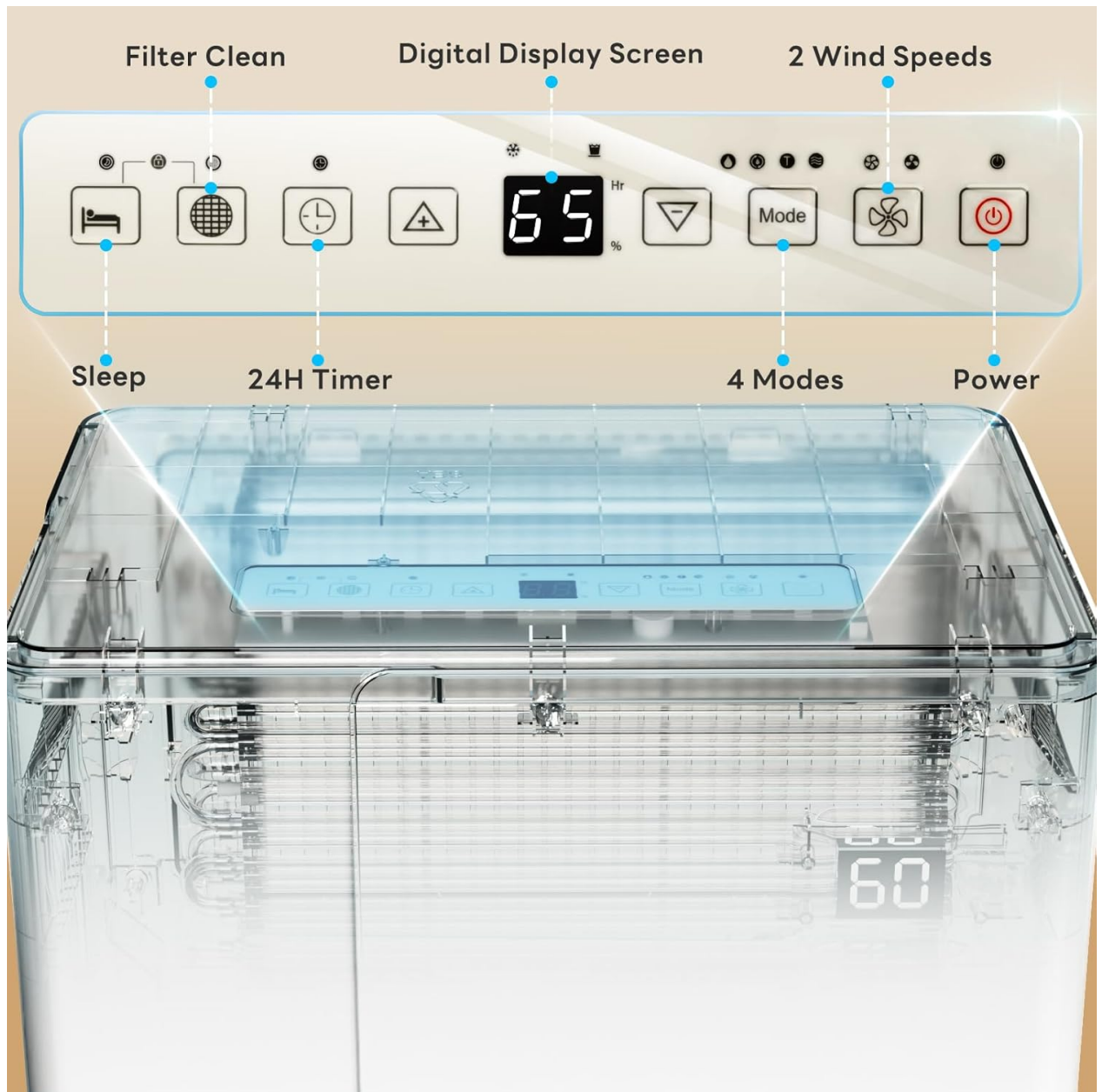


Figure 4.2: Visual representation of the four distinct operating modes: Normal Dehumidification, Ventilation, Strong Dehumidification, and Continuous Dehumidification.

4.3 Advanced Functions

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



) to set the desired operating duration from 1 to 24 hours. The unit will automatically turn off after the set time.

- **Sleep Mode:** Activate **Sleep Mode** (



) for quiet operation and dimmed display lights, ideal for nighttime use. Press any button to temporarily illuminate the display.

- **Child Lock:** To activate or deactivate the Child Lock, long press the two leftmost buttons (Sleep and Timer) simultaneously. When activated, the control panel buttons will be unresponsive to prevent unintended changes.



Figure 4.3: Illustration demonstrating how to activate Child Lock Mode by long-pressing the Sleep and Timer buttons, ensuring settings remain undisturbed.

4.4 Water Drainage

Your ZAFRO Dehumidifier offers two drainage options:

1. Manual Drainage (Water Tank):

- When the water tank is full, the dehumidifier will automatically stop operating, and the "Water Full" indicator light will illuminate.
- Carefully pull out the water tank from the front of the unit.
- Empty the collected water.
- Slide the tank back into the unit until it clicks into place. The dehumidifier will resume operation.

2. Continuous Drainage (Hose):

- For continuous operation without needing to empty the tank, connect a suitable drain hose (not included) to the continuous drainage port at the back of the unit.
- Ensure the hose is sloped downwards to allow gravity drainage to a floor drain or large container.



Figure 4.4: A hand demonstrating the removal of the water tank for manual emptying. The tank is designed for flexible movement and easy disposal of collected water.

5. MAINTENANCE

5.1 Air Filter Cleaning

Regular cleaning of the air filter is crucial for maintaining the dehumidifier's efficiency and lifespan. The "Filter Clean" indicator light will illuminate after approximately 250 hours of operation.

1. Turn off and unplug the dehumidifier.
2. Locate and remove the air filter (typically on the back or side of the unit).
3. Clean the filter using a vacuum cleaner or wash it with warm, soapy water. Ensure it is completely dry before reinserting.
4. Once the clean filter is reinserted, long press the "Filter Clean" button on the control panel to reset the timer and turn off the indicator light.

5.2 Water Tank Cleaning

Clean the water tank regularly to prevent mold and bacteria growth.

- Remove the water tank as described in Section 4.4.
- Wash the tank with mild detergent and warm water.
- Rinse thoroughly and dry completely before placing it back into the unit.

5.3 Exterior Cleaning

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

6. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------------------------------------|--|---|
| Dehumidifier does not turn on. | No power; Water tank full; Child Lock activated. | Check power connection; Empty water tank; Deactivate Child Lock (long press Sleep + Timer buttons). |
| Unit stops operating unexpectedly. | Desired humidity level reached; Water tank full. | This is normal operation; Empty water tank. |
| Dehumidifier is not collecting water. | Humidity level too low; Air filter clogged; Room temperature too low. | Adjust desired humidity higher; Clean air filter; Ensure room temperature is above 41°F (5°C). |
| Unit is noisy. | Fan speed set to High; Unit not on a level surface. | Switch to Low fan speed; Place unit on a flat, stable surface. |
| Water leaking from the unit. | Water tank not properly seated; Continuous drain hose improperly connected or blocked. | Ensure water tank is fully inserted; Check hose connection and clear any blockages. |

7. SPECIFICATIONS

| Feature | Detail |
|---------------------------|------------------------------------|
| Brand | ZAFRO |
| Model Name | Dehumidifier |
| Item Model Number | FDD35-5320V1R3 |
| Dehumidification Capacity | 35 Pints per Day (at 65°F, 60% RH) |
| Coverage Area | Up to 3000 Sq. Ft |
| Color | WHITE |
| Product Dimensions | 24.41"D x 11.02"W x 14.96"H |
| Item Weight | 42 pounds |
| Operation Mode | Intermittent |
| Special Feature | Automatic Moisture Removal |
| Recommended Uses | Residential |
| Included Components | Dehumidifier Unit |

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or

contact ZAFRO customer service directly. Extended protection plans may also be available for purchase.

- **Protection Plans:** 3-Year and 4-Year protection plans are available.
- **Return Policy:** Typically 30-day return/replacement policy.

For technical assistance or inquiries, please visit the official ZAFRO website or contact their support team through the contact information provided in your product documentation.