

ZAFRO FDD22-5310V1R3

ZAFRO Multi-Function Dehumidifier User Manual

Model: FDD22-5310V1R3

IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating this appliance. Failure to follow these instructions may result in electric shock, fire, or personal injury.

- Always connect the dehumidifier to a grounded electrical outlet.
- Do not operate the unit with a damaged power cord or plug. If the cord is damaged, it must be replaced by the manufacturer or a qualified service agent.
- Ensure the dehumidifier is placed on a level, stable surface to prevent tipping and water leakage.
- Do not block the air inlet or outlet. Maintain at least 8 inches (20 cm) of clearance around the unit.
- Do not insert fingers or foreign objects into the air vents.
- Unplug the unit before cleaning, moving, or performing any maintenance.
- Do not use the dehumidifier in areas where flammable gases or combustible materials are present.
- 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.
- Close doors and windows in the room where the dehumidifier is operating for optimal performance.

PRODUCT OVERVIEW

The ZAFRO Multi-Function Dehumidifier is designed to reduce humidity levels in various indoor environments, improving air quality and comfort. It features multiple operating modes, a washable filter, and options for continuous drainage.



Figure 1: Front view of the ZAFRO Multi-Function Dehumidifier.

Key Features

- **Efficient Dehumidification:** Capable of removing up to 22 pints of moisture per day at 65°F (18.3°C) and 55 pints per day at 85°F (29.4°C), suitable for areas up to 2500 sq ft.
- **Quiet Operation:** Operates at approximately 38.7dB in low gear (Sleep Mode) and 43.3dB in high gear, designed for minimal disruption.
- **Specialized Dry Clothes Mode:** Activates concentrated dehumidification to assist in drying clothes more efficiently.
- **Large Water Tank:** Equipped with a 4.8-liter (approximately 1.27-gallon) water tank, reducing the frequency of emptying.
- **Continuous Drainage Option:** Includes a port for connecting a drain hose for continuous water removal.
- **Washable Filter:** Features a reusable filter to capture dust and pet dander, supporting air quality.
- **R32 Refrigerant:** Utilizes R32 refrigerant for improved efficiency.

Package Contents

- ZAFRO Multi-Function Dehumidifier Unit
- Drain Hose (for continuous drainage)
- User Manual

SETUP AND INSTALLATION

1. Unpacking

1. Carefully remove the dehumidifier from its packaging.
2. Remove any internal packing materials from the water tank and inside the unit.
3. Inspect the unit for any shipping damage. If damaged, do not operate and contact customer support.

2. Placement

For optimal performance, place the dehumidifier in a location where air can circulate freely around it.

- Ensure at least 8 inches (20 cm) of space around the air inlet and outlet.
- Place the unit on a firm, level surface. The unit includes 360° wheels for easy mobility.
- Avoid placing the unit near heat sources, in direct sunlight, or in areas exposed to freezing temperatures.
- Close all doors and windows in the room to be dehumidified for maximum efficiency.

Easy Mobility & Compact Design



Figure 2: Dehumidifier dimensions and mobility features, including 360° wheels.

3. Power Connection

Plug the power cord into a grounded 120V/60Hz electrical outlet. The unit is now ready for operation.

OPERATING INSTRUCTIONS

Control Panel Overview

The control panel features an LED display and various touch buttons for easy operation.

INTELLIGENT CONTROL PANEL LED DISPLAY



Figure 3: Detailed view of the intelligent control panel and LED display.

- **Power Button:** Turns the unit on or off.
- **Mode Button:** Cycles through available operating modes.
- **Humidity Adjustment Buttons (+/-):** Adjusts the desired humidity level.
- **Fan Speed Button:** Selects between low and high fan speeds.
- **Timer Button:** Sets the auto-on or auto-off timer.
- **Sleep Mode Button:** Activates quiet operation mode.
- **Filter Clean Indicator:** Illuminates when the filter needs cleaning.
- **Child Lock Button:** Activates/deactivates child lock (long press).

1. Power On/Off

Press the **Power** button once to turn the dehumidifier on. Press it again to turn the unit off.

2. Setting Desired Humidity

When the unit is on, use the **+** or **-** buttons to set your desired humidity level. The humidity can typically be set between 30% RH and 80% RH in 5% increments. The unit will operate until the set humidity level is reached, then cycle on and off to maintain it.

3. Operating Modes

Press the **Mode** button to cycle through the following operating modes:

- **Normal Dehumidification:** Standard operation to reduce ambient humidity to the set level.
- **Strong Dehumidification:** Operates at maximum fan speed for faster moisture removal.
- **Continuous Dehumidification:** The unit runs continuously regardless of the ambient humidity level. This mode is ideal for very damp conditions or when using continuous drainage.
- **Ventilation:** The fan operates without engaging the dehumidification function, circulating air.
- **Dry Clothes Mode:** Designed to assist in drying laundry by providing continuous, powerful dehumidification.
- **Sleep Mode:** Reduces fan speed to its lowest setting for quieter operation, suitable for bedrooms or nurseries. The display lights may dim or turn off.



Figure 4: Illustration of the dehumidifier operating in different modes across various room types.

4. Timer Function

The timer function allows you to set the unit to automatically turn on or off after a specified period (1-24 hours).

- **Auto-Off:** While the unit is running, press the **Timer** button, then use **+** or **-** to set the desired hours until shutdown.
- **Auto-On:** While the unit is off, press the **Timer** button, then use **+** or **-** to set the desired hours until startup.

5. Child Lock

To prevent accidental changes to settings, activate the Child Lock function.

- **Activate:** Long press the **Timer** and **Mode** buttons simultaneously for a few seconds until the lock indicator appears on the display.
- **Deactivate:** Long press the **Timer** and **Mode** buttons simultaneously again until the lock indicator disappears.



Figure 5: Child Lock mode prevents unintended operation, indicated by a lock icon.

MAINTENANCE

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

1. Emptying the Water Tank

When the water tank is full, the unit will automatically shut off and an indicator light will illuminate. The 4.8L tank typically needs emptying every 2 days under normal conditions.

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 water tank back into the unit until it clicks into place. Ensure it is properly seated to resume operation.

2. Continuous Drainage Setup

For continuous operation without manually emptying the tank, use the included drain hose.

1. Locate the continuous drainage port on the back or side of the unit.
2. Remove the rubber stopper (if present).
3. Connect the provided drain hose to the port. Ensure a secure connection to prevent leaks. The drain size is approximately 0.787 inches (20mm) inner diameter and 1.02 inches (26mm) outer diameter.
4. Route the hose to a suitable drain (e.g., floor drain, large bucket) ensuring it is sloped downwards to allow gravity drainage. Do not allow the hose to kink or be elevated above the drainage port.

3. Cleaning the Washable Filter

The washable filter should be cleaned regularly (approximately every two weeks or when the filter indicator light illuminates) to maintain air quality and unit efficiency.

1. Turn off and unplug the dehumidifier.
2. Locate the air filter, typically behind the front grille or on the side.
3. Gently remove the filter.
4. Rinse the filter under running tap water (not hot water) to remove dust and debris. For heavy dirt, a mild detergent can be used, followed by thorough rinsing.
5. Allow the filter to air dry completely before reinstalling. Do not use a dryer or direct heat.
6. Reinstall the dry filter into the unit.
7. Plug in the unit and resume operation.



Figure 6: The detachable and washable filter can be easily removed and cleaned.

TROUBLESHOOTING

Before contacting customer support, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply. Power cord not securely plugged in. Water tank full or not properly seated.	Check power outlet and plug connection. Ensure water tank is empty and correctly inserted.
No water collected or insufficient dehumidification.	Room temperature too low. Humidity level already low. Air filter clogged. Air inlet/outlet blocked. Doors/windows open.	Ensure room temperature is above 41°F (5°C). Check and clean air filter. Ensure proper air circulation. Close doors and windows.
Unit leaks water.	Water tank not properly seated. Continuous drain hose improperly connected or kinked. Unit not level.	Re-seat the water tank. Check drain hose for secure connection and proper downward slope. Place unit on a level surface.
Unit runs continuously but tank is full and does not shut off.	Float switch malfunction.	Turn off the unit, remove and re-insert the water tank. If the issue persists, contact customer support.

Problem	Possible Cause	Solution
Unit is noisy.	Air filter clogged. Unit not on a stable surface. Internal component loose.	Clean the air filter. Ensure unit is on a flat, stable surface. If noise persists, contact customer support.
Filter Clean indicator remains on after cleaning.	Indicator needs to be reset.	Refer to the control panel section for specific filter reset instructions (if applicable, usually a long press on a button). If no specific reset, it may reset automatically after a few hours of operation.

SPECIFICATIONS

Feature	Specification
Model Number	FDD22-5310V1R3
Dehumidification Capacity (65°F/18.3°C)	22 Pints/Day
Dehumidification Capacity (85°F/29.4°C)	55 Pints/Day
Recommended Coverage Area	Up to 2500 Sq Ft
Water Tank Volume	4.8 Liters (approx. 1.27 Gallons)
Product Dimensions (D x W x H)	19.69" x 10.24" x 14.57" (50cm x 26cm x 37cm)
Item Weight	34.1 Pounds (15.47 kg)
Refrigerant Type	R32
Special Features	Automatic Moisture Removal, Washable Filter, Dry Clothes Mode, Sleep Mode, Child Lock
Color	White

WARRANTY AND CUSTOMER SUPPORT

ZAFRO products are manufactured to high-quality standards and are warranted against defects in materials and workmanship. Specific warranty terms and duration may vary by region and retailer. Please retain your proof of purchase for warranty claims.

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact ZAFRO customer

support. Contact information can typically be found on the product packaging, the official ZAFRO website, or through your retailer.

When contacting support, please have your model number (FDD22-5310V1R3) and purchase date available.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question