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Frigidaire FGAC5045W1

Frigidaire 50-Pint Smart Dehumidifier User Manual

Model: FGAC5045W1

Brand: Frigidaire

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Frigidaire 50-Pint Smart Dehumidifier, model FGAC5045W1. This appliance is designed to reduce humidity levels in your environment, improving comfort and air quality. It features Wi-Fi connectivity for remote control via the Frigidaire app, compatibility with Amazon Alexa and Google Assistant, and an easy-to-clean washable filter.

Please read all instructions carefully before using the dehumidifier to ensure proper installation, usage, and maintenance.

2. SAFETY INFORMATION

- Ensure the dehumidifier is placed on a level, stable surface to prevent tipping and water spillage.
- Do not operate the unit with a damaged power cord or plug. If the cord is damaged, it must be replaced by qualified service personnel.
- Always unplug the dehumidifier before cleaning, performing maintenance, or when not in use for extended periods.
- Do not block the air intake or exhaust vents. Maintain at least 8 inches (20 cm) of clearance around the unit for proper airflow.
- This appliance is for residential use only.
- Keep children and pets away from the unit during operation.
- Do not use the dehumidifier in areas where flammable gases or combustible materials are present.
- Empty the water bucket regularly to prevent overflow and potential water damage.

3. PRODUCT OVERVIEW

The Frigidaire 50-Pint Smart Dehumidifier is designed for effective moisture removal in areas up to 4500 square feet. Key components include the control panel, air intake grille, air exhaust, water bucket, and power cord.



Image 1: Front view of the Frigidaire 50-Pint Smart Dehumidifier, showing the water level indicator and control panel on top.

Key Features:

- **Wi-Fi Connectivity:** Control your dehumidifier remotely using the Frigidaire app.
- **Smart Home Compatibility:** Works with Amazon Alexa and Google Assistant for voice control.

- **Custom Humidity Control:** Set your desired humidity level for optimal comfort.
- **Clean Air Ionizer:** Reduces airborne particles for improved air quality.
- **Washable Filter:** Easy to clean and maintain for efficient operation.
- **Timer Function:** Program the unit to turn on or off at specific times.

4. SETUP

4.1 Unpacking

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

4.2 Placement

Proper placement is crucial for efficient operation.

- Place the dehumidifier on a firm, level surface capable of supporting its weight when the water bucket is full.
- Ensure there is at least 8 inches (20 cm) of space on all sides of the unit to allow for adequate air circulation.
- Do not place the unit near heat-generating appliances or in direct sunlight.
- For optimal performance, place the dehumidifier in the center of the room or area where humidity is highest.



Image 2: The dehumidifier positioned in a room, demonstrating appropriate clearance from walls and furniture.

4.3 Power Connection

Plug the power cord into a grounded 115V AC outlet. Do not use extension cords or adapter plugs.

5. OPERATING INSTRUCTIONS

5.1 Control Panel

The control panel is located on the top of the unit. It typically includes buttons for Power, Mode, Fan Speed, Humidity Setting, and Timer.

- **Power Button:** Turns the unit on or off.
- **Mode Button:** Selects operating modes (e.g., Continuous, Custom Humidity).
- **Fan Speed Button:** Adjusts fan speed (Low, Medium, High).
- **Humidity Setting Buttons:** Use '+' and '-' to set the desired humidity level (typically between 35% and 85% relative humidity).

- **Timer Button:** Activates or adjusts the auto-on/auto-off timer.

5.2 Initial Operation

1. Plug in the dehumidifier.
2. Press the Power button to turn the unit on.
3. Use the Humidity Setting buttons to set your desired humidity level. A common setting for comfort is 45-50% relative humidity.
4. Select your preferred Fan Speed. Higher fan speeds will remove moisture more quickly but may generate more noise.

5.3 Wi-Fi and App Control

Your Frigidaire Smart Dehumidifier can be controlled remotely via the Frigidaire app.

1. Download the Frigidaire app from your smartphone's app store.
2. Follow the in-app instructions to create an account and connect your dehumidifier to your home Wi-Fi network.
3. Once connected, you can remotely turn the unit on/off, change humidity levels, control modes, create custom schedules, and adapt fan speeds.

5.4 Voice Control (Amazon Alexa & Google Assistant)

After connecting your dehumidifier to the Frigidaire app, you can link it to your Amazon Alexa or Google Home account for voice control.

1. Open the Alexa or Google Home app.
2. Navigate to the 'Skills' or 'Works with Google' section.
3. Search for and enable the 'Frigidaire' skill/service.
4. Link your Frigidaire account when prompted.
5. You can now use voice commands such as "Alexa, turn on the dehumidifier" or "Hey Google, set the dehumidifier to 50% humidity."

6. MAINTENANCE

6.1 Emptying the Water Bucket

When the water bucket is full, the unit will automatically shut off and an indicator light will illuminate. The tank volume is 2.7 gallons.

1. Grasp the sides of the bucket and carefully pull it out from the front of the dehumidifier.
2. Empty the collected water into a sink or drain.
3. Slide the empty bucket back into the dehumidifier until it clicks into place. The unit will resume operation.

6.2 Continuous Drain Option

For continuous operation without emptying the bucket, you can attach a standard garden hose (not included) to the continuous drain outlet on the back of the unit. Ensure the hose is sloped downwards to a floor drain to allow gravity drainage.

6.3 Cleaning the Washable Filter

The washable filter should be cleaned regularly (approximately every two weeks or when the 'Clean Filter' indicator illuminates) to maintain efficiency.

1. Turn off and unplug the dehumidifier.
2. Locate the air filter (usually behind the front grille or on the side).
3. Gently slide out the filter.
4. Wash the filter with warm, soapy water. Rinse thoroughly.
5. Allow the filter to air dry completely before reinstalling. Do not use a dishwasher or hot water.
6. Slide the dry filter back into its position.

6.4 General Cleaning

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

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power, power outage, full water bucket.	Check power cord connection. Ensure outlet has power. Empty water bucket.
No water collected.	Humidity level too low, room temperature too low, air filter clogged.	Adjust humidity setting lower. Ensure room temperature is above 41°F (5°C). Clean air filter.
Unit runs constantly.	Humidity setting too low, room size too large, continuous drain active.	Increase humidity setting. Ensure unit is sized correctly for the area. Check continuous drain setup.
Unit is noisy.	Unit not level, fan speed too high, internal components vibrating.	Ensure unit is on a level surface. Reduce fan speed. Contact support if noise persists.
Wi-Fi connection issues.	Incorrect Wi-Fi password, router issues, unit too far from router.	Verify Wi-Fi password. Restart router. Move unit closer to router or use a Wi-Fi extender.

For issues not covered here, please refer to the Frigidaire support website or contact customer service.

8. SPECIFICATIONS

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Image 3: Dimensions of the Frigidaire 50-Pint Smart Dehumidifier.

Feature	Specification
Model Name	FGAC5045W1
Brand	Frigidaire
Capacity	50 Pints per Day
Floor Area Coverage	Up to 4500 Square Feet
Tank Volume	2.7 Gallons
Product Dimensions (D x W x H)	12.19" x 24.7" x 24.6"
Item Weight	45.2 Pounds
Power Supply	115V
Wattage	204.8 watts
Number of Speeds	3
Material	Plastic
Special Feature	Programmable, Wi-Fi, App Control, Smart Home Compatible
UPC	012505285158

9. WARRANTY AND SUPPORT

Frigidaire products are manufactured to high-quality standards and are backed by a limited warranty. Specific warranty details, including coverage period and terms, are typically provided with your purchase documentation or can be found on the official Frigidaire website.

For technical assistance, troubleshooting, or to inquire about warranty service, please visit the official Frigidaire support page or contact their customer service department.

You can find more information and support resources by visiting the [Frigidaire Store on Amazon](#).