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Frigidaire FFRA051WAE

Frigidaire 5,000 BTU Window-Mounted Air Conditioner User Manual

Model: FFRA051WAE

Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Frigidaire 5,000 BTU Window-Mounted Air Conditioner (Model: FFRA051WAE). Designed to cool areas up to 150 sq. ft., this unit offers effortless temperature control and quiet performance for optimal comfort. Please read this manual thoroughly before using your air conditioner.



Figure 1: Frigidaire 5,000 BTU Window-Mounted Air Conditioner (Model: FFRA051WAE)

Safety Information

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury.

- Read all instructions before using the appliance.
- Ensure the power source matches the unit's requirements (115V, 450W).
- Use a properly grounded 3-prong outlet. Do not use extension cords.
- Do not operate the unit with a damaged cord or plug.
- Do not block air openings.
- Unplug the air conditioner before cleaning or servicing.
- Keep children away from the unit.
- Ensure the unit is installed securely in the window to prevent falling.

Product Features

- **Effortless Cooling:** Customizable temperature settings and two fan speeds for consistent comfort.
- **Easy Maintenance:** Features an easy-to-clean washable filter to capture dust and maintain efficiency.
- **Quiet Operation:** Operates at 52 dBA, suitable for bedrooms or small spaces up to 250 sq. ft.
- **Auto Restart:** Automatically restores previous settings after a power outage.
- **Hassle-Free Installation:** Adjustable side panels and an extra-long 3-prong power cord for secure and efficient setup.

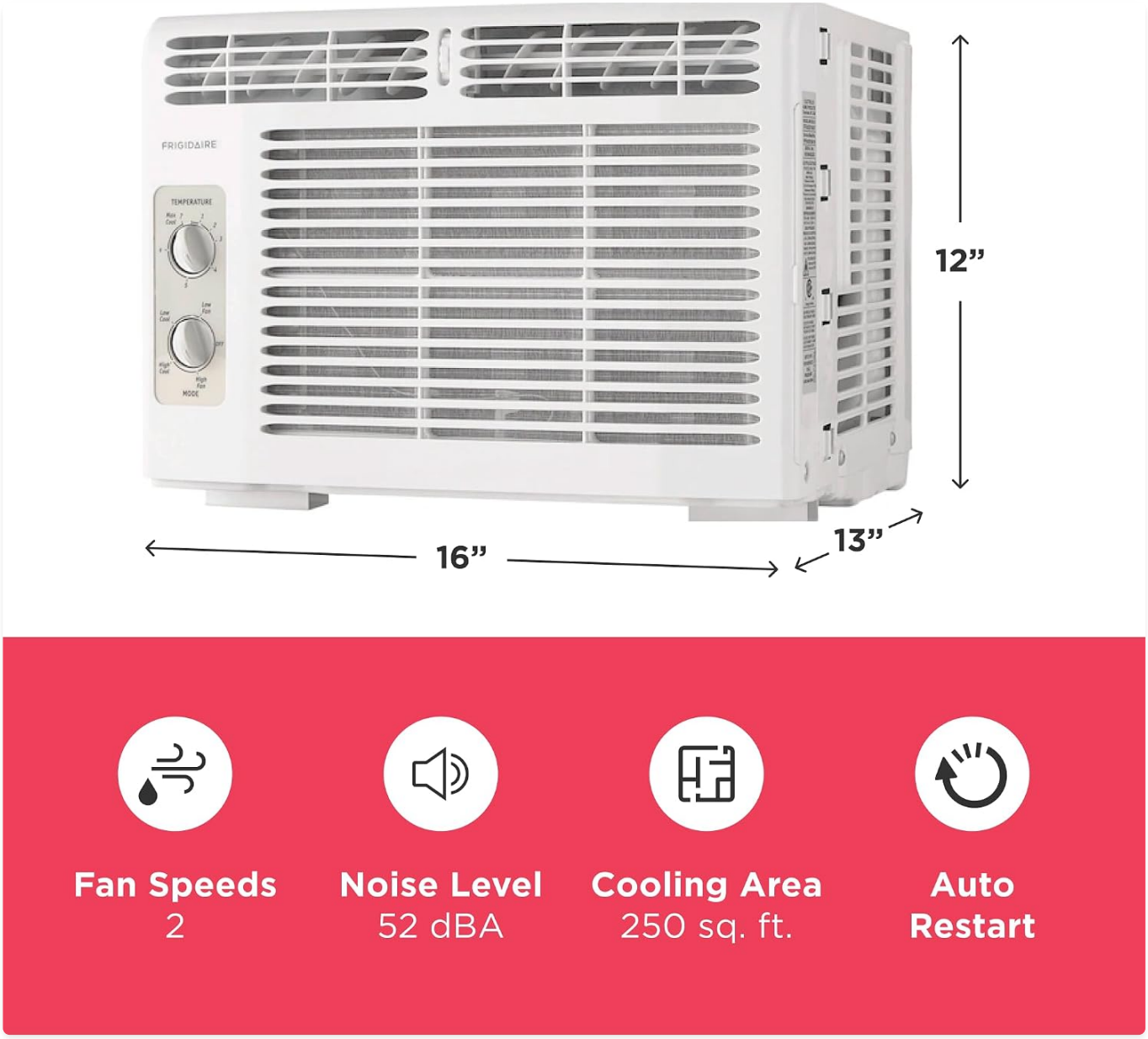


Figure 2: Key Features Overview

Setup and Installation

The Frigidaire 5,000 BTU Window-Mounted Air Conditioner is designed for easy installation in standard double-hung windows.

1. **Prepare the Window:** Ensure your window opens vertically (up/down). Clear the window sill and surrounding area. Remove any existing window screens.
2. **Attach Foam Strips:** Apply the included foam strips to the top and bottom edges of the window frame where the unit will sit. This helps seal gaps and improve insulation.
3. **Position the Unit:** Carefully lift the air conditioner and place it into the window opening. The unit weighs approximately 35.3 pounds, so assistance may be required. Ensure the unit is slightly tilted outwards to allow for proper drainage of condensation.
4. **Extend Side Panels:** Pull out the adjustable side panels to fill the remaining space in the window opening. Secure them in place according to the installation kit instructions.
5. **Secure the Window:** Lower the window sash firmly against the top of the air conditioner unit. Use any provided locking brackets or screws to secure the window in place, preventing it from being opened from the outside.
6. **Seal Gaps:** Use additional weather stripping or foam, if necessary, to seal any remaining gaps around the unit and side panels to maximize efficiency.

7. **Plug In:** Plug the extra-long 3-prong power cord directly into a grounded 115V outlet. Do not use extension cords or adapters.

For detailed visual instructions, please refer to the official Installation Manual (PDF) available for download from the product page.



Figure 3: Unit installed in a window

Operating Instructions

Your Frigidaire air conditioner features simple mechanical controls for ease of use.

- **Temperature Control Dial:** Rotate the "TEMPERATURE" dial to select your desired cooling level. Settings typically range from 1 (least cool) to 7 (Max Cool). Start with a moderate setting and adjust as needed for comfort.
- **Mode/Fan Speed Dial:** Rotate the "MODE" dial to select the operating mode and fan speed:
  - **OFF:** Turns the unit off.
  - **Low Fan:** Operates the fan at a low speed without cooling.

- **High Fan:** Operates the fan at a high speed without cooling.
- **Low Cool:** Provides cooling with the fan operating at a low speed.
- **High Cool:** Provides maximum cooling with the fan operating at a high speed.

- **Air Direction Louvers:** Adjust the horizontal and vertical louvers on the front of the unit to direct the airflow where needed.
- **Auto Restart:** In case of a power interruption, the unit will automatically resume operation with the last settings once power is restored.



Figure 4: Quiet operation for undisturbed comfort

Maintenance

Regular maintenance ensures optimal performance and longevity of your air conditioner.

- **Cleaning the Washable Filter:**

  1. Locate the filter access on the front of the unit (typically behind the front grille).

2. Gently pull out the filter.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting it into the unit.
5. Clean the filter every two weeks or more frequently depending on usage and air quality.

- **Cleaning the Unit Exterior:** Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Seasonal Storage:** If storing the unit for an extended period, clean it thoroughly, ensure it is dry, and cover it to protect from dust and debris.



Figure 5: Easy-to-clean washable filter

TROUBLESHOOTING

Before contacting customer service, try these common troubleshooting steps.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Unit does not turn on.	No power, tripped circuit breaker, faulty plug.	Check power cord connection, reset circuit breaker, press reset button on plug.
Unit not cooling effectively.	Dirty air filter, blocked air vents, room too large, open doors/windows.	Clean air filter, clear obstructions, ensure room size is within unit's capacity (up to 250 sq. ft.), close doors/windows.
Excessive noise.	Loose installation, fan obstruction, normal operating sounds.	Ensure unit is securely installed. Check for foreign objects in fan. Some fan/compressor sounds are normal.
Water dripping inside.	Unit not tilted correctly, clogged drain.	Ensure unit is slightly tilted outwards. Check and clear any drain blockages.

Specifications

- **Model Number:** FFRA051WAE
- **Cooling Capacity:** 5,000 BTU
- **Coverage Area:** Up to 250 sq. ft.
- **Power:** 115V, 450W
- **Noise Level:** 52 dBA
- **Dimensions (D x W x H):** 15.25" x 16" x 12"
- **Item Weight:** 35.3 pounds
- **Installation Method:** Window-Mounted
- **Filter Type:** Washable
- **Cord Length:** 78 Inches
- **Material:** Base Metal, Plastic

Warranty and Support

Your Frigidaire air conditioner comes with a **1-year manufacturer's warranty**. For warranty claims, technical support, or additional assistance, please refer to the contact information provided in your product packaging or visit the official Frigidaire website. Frigidaire is committed to providing high-performing, easy-to-use appliances that enhance your living experience.

For the complete User Manual and Installation Manual in PDF format, please visit the documents section on the product's Amazon page.

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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

Answered questions about this manual

Where is the drain plug on the Frigidaire FFRA051WAE air conditioner, and why is it leaking water inside?

For the Frigidaire FFRA051WAE, water leaking inside the room is typically caused by an improper installation angle rather than a missing drain plug. Most modern window units, including this model, are designed to operate...

Read full answer

How do I remove the front grille of my Frigidaire FFRA051WAE air conditioner to access the filter for cleaning?

For the Frigidaire FFRA051WAE and similar small window-mounted units, you typically do not need to remove the entire front cabinet or any screws to access the filter. The filter is designed for easy removal...

Read full answer

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