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Frigidaire FFBD1831UW

Frigidaire 18-inch ADA Compact Front Control Dishwasher User Manual

Model: FFBD1831UW

1. Introduction and Overview

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Frigidaire 18-inch ADA Compact Front Control Dishwasher, Model FFBD1831UW. Please read all instructions carefully before using the appliance.

Key Features:

- **Compact Design:** 18-inch width, ideal for smaller kitchen spaces.
- **ADA Compliant:** Meets accessibility standards.
- **Dual Spray Arm System:** Ensures thorough cleaning on both upper and lower racks.
- **Sanitize Cycle:** NSF Certified to remove 99.9% of common household bacteria.
- **Capacity:** Accommodates up to 8 place settings.
- **Heated Drying System:** Assists in drying dishes effectively.
- **Quiet Operation:** Operates at 52 dBA.
- **Energy Star Certified:** Designed for energy efficiency.

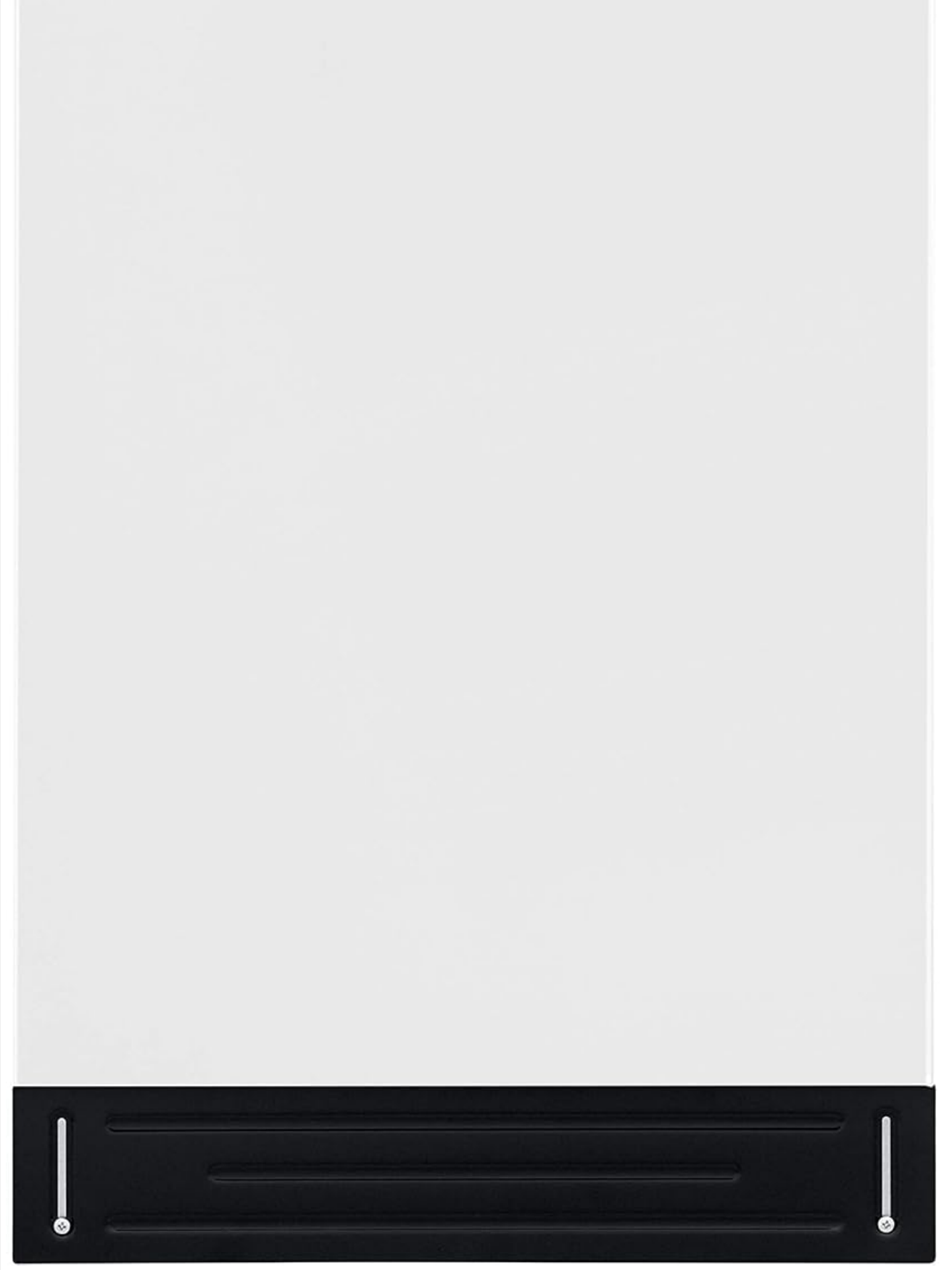

Figure 1.1: Front view of the Frigidaire 18-inch ADA Compact Front Control Dishwasher.

Figure 1.2: The dishwasher integrated into a kitchen, highlighting its compact design suitable for smaller spaces.

2. Safety Information

Your safety and the safety of others are very important. This manual contains important safety messages. Always read and obey all safety messages.

General Safety Precautions:

- **Electrical Safety:** Ensure the dishwasher is properly grounded. Do not operate with a damaged power cord. Disconnect power before servicing.
- **Water Safety:** Ensure water supply lines are properly connected and free from leaks. Turn off water supply if the dishwasher will not be used for an extended period.
- **Child Safety:** Keep children away from the dishwasher, especially when it is operating. Do not allow children to play inside or on the appliance.
- **Sharp Objects:** Load sharp items (knives, skewers) with handles up to prevent injury.
- **Flammable Materials:** Do not store or use flammable materials near the dishwasher.
- **Proper Use:** Use only detergents and rinse aids specifically designed for automatic dishwashers.

3. Installation

The Frigidaire FFBD1831UW is a built-in dishwasher. Proper installation is crucial for its performance and safety. It is recommended that installation be performed by a qualified professional.

Installation Considerations:

- **Location:** Install in a standard 18-inch wide cabinet opening. Ensure adequate space for water, drain, and electrical connections.
- **Dimensions:** Refer to the product dimensions for precise fitting. The dishwasher measures approximately 22.5"D x 18"W x 35"H. Adjustable legs allow for height variations.
- **Water Connection:** Connect to a hot water supply line. Ensure all connections are secure to prevent leaks.
- **Drain Connection:** Connect the drain hose to the sink drain or a dedicated air gap, following local plumbing codes.
- **Electrical Connection:** The dishwasher requires a 120V electrical supply. Ensure proper grounding.
- **Leveling:** Level the dishwasher using the adjustable feet to ensure proper door closure and operation.

Figure 3.1: Dimensional diagram for installation, showing 18-inch width and adjustable height.

4. Operating Instructions

Follow these steps for effective and efficient dishwashing.

Loading the Dishwasher:

- Scrape off large food particles.
- Place glasses, cups, and smaller items on the upper rack.
- Place plates, bowls, and larger items on the lower rack.
- Ensure items do not block the spray arms.
- Place silverware in the basket with handles up for safety and better cleaning.

FRIGIDAIRE
Heavy Wash
Normal Wash
1 Hour Wash
China Crystal
Energy Saver
Rinse Only
Sanitize
High Temp
Heat Dry
Options
Delay
START
Cancel
Delay
Washing
Clean
Sanitized

Figure 4.1: Example of a properly loaded dishwasher interior.

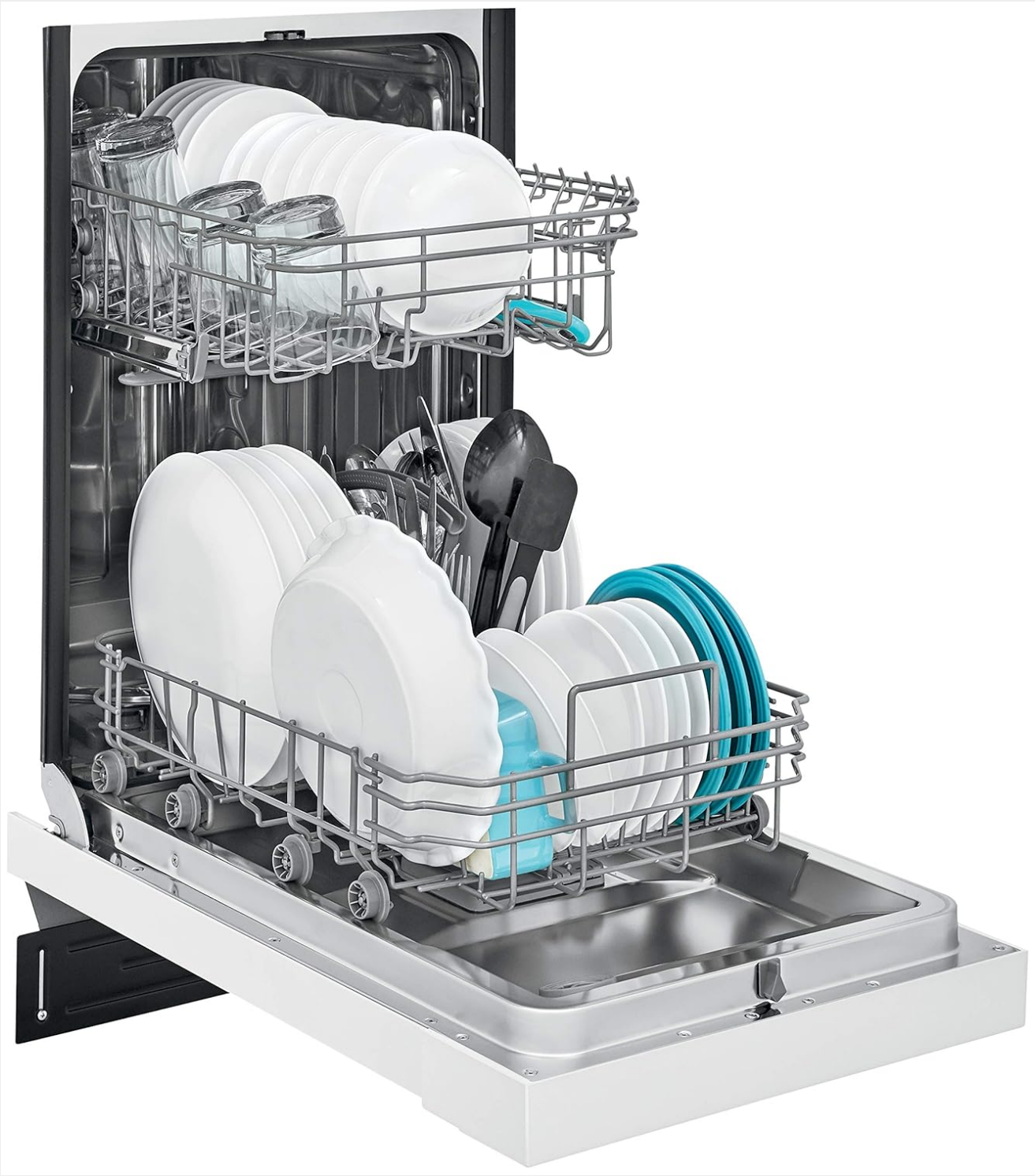

Figure 4.2: Side view illustrating the arrangement of dishes on both upper and lower racks.

Adding Detergent and Rinse Aid:

- Add recommended dishwasher detergent to the dispenser.
- Fill the rinse aid dispenser to the indicated level for improved drying and to prevent spots.

Selecting a Cycle and Options:

The front control panel allows you to select various wash cycles and options.

Figure 4.3: Detailed view of the front control panel with cycle and option buttons.

- **Wash Cycles:** Choose from Heavy Wash, Normal Wash, 1 Hour Wash, China Crystal, Energy Saver, and Rinse Only.
- **Options:** Available options include Sanitize, High Temp, Heat Dry, and Delay Start (1-24 hours).
- **Starting a Cycle:** Press the START button to begin the selected cycle. Close the door firmly.
- **Control Lock:** Hold the 'Delay' button for 3 seconds to activate/deactivate the control lock.

5. Maintenance and Care

Regular maintenance ensures optimal performance and longevity of your dishwasher.

Cleaning the Interior:

- **Filter Cleaning:** Periodically check and clean the filter assembly at the bottom of the dishwasher to remove food debris.
- **Interior Surfaces:** Wipe down the interior with a damp cloth and mild detergent if needed.

Cleaning the Exterior:

- Wipe the control panel and door exterior with a soft, damp cloth. Avoid abrasive cleaners.

Long-Term Storage:

- If storing the dishwasher for an extended period or in an unheated area, drain all water from the unit to prevent freezing and damage.

6. Troubleshooting

Before calling for service, review this section for common issues and their solutions.

Problem	Possible Cause	Solution
Dishwasher does not start	Door not fully closed; Power supply issue; Control lock activated.	Ensure door is latched; Check circuit breaker; Deactivate control lock.
Dishes not clean	Improper loading; Clogged spray arms; Insufficient detergent; Clogged filter.	Reload dishes correctly; Clean spray arm nozzles; Use correct amount of detergent; Clean filter.
Dishes not drying	No rinse aid; Heated Dry option not selected; Improper loading.	Refill rinse aid dispenser; Select Heat Dry option; Ensure proper air circulation.
Unusual noise	Items interfering with spray arms; Foreign object in pump.	Rearrange dishes; Inspect and remove any foreign objects.
Water leaks	Improper installation of drain hose; Door seal issue; Overfilling.	Check drain hose connections; Inspect door gasket for damage; Ensure not overfilling detergent/rinse aid.

7. Specifications

Detailed technical specifications for the Frigidaire 18-inch ADA Compact Front Control Dishwasher.

Feature	Specification
Model Number	FFBD1831UW
Brand	Frigidaire
Installation Type	Built-In
Color	White
Product Dimensions (D x W x H)	22.5" x 18" x 35"
Item Weight	54 pounds
Capacity	8 Place Settings
Noise Level	52 dBA
Voltage	120 Volts
Annual Energy Consumption	270 Kilowatt Hours Per Year
Number of Cycle Options	6
Inner Material	Stainless Steel
Special Features	ADA Compliant, Energy Star, NSF Certified Sanitize
Included Components	Power Cord
UPC	012505115745

8. Warranty and Support

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official Frigidaire website.

- **Product Registration:** Register your product to receive important updates and warranty service.
- **Service and Repair:** If your appliance requires service, contact Frigidaire customer support or an authorized service provider. Do not attempt to repair the appliance yourself.
- **Genuine Parts:** Use only genuine Frigidaire replacement parts to ensure proper function and maintain warranty validity.

For further assistance, please visit the Frigidaire Store on Amazon or the official Frigidaire support channels.