JANREAY FL-FLD-50

JANREAY Mini Refrigerator FL-FLD-50 User Manual

Model: FL-FLD-50

1. Product Overview

The JANREAY FL-FLD-50 is a compact 1.6 Cu.Ft (45L) mini refrigerator with an integrated freezer compartment, designed for small spaces such as bedrooms, offices, living rooms, and dorms. It features an adjustable thermostat, energy-efficient operation, and low noise output. This manual provides essential information for the safe and efficient use of your appliance.



Figure 1.1: Front view of the JANREAY FL-FLD-50 Mini Refrigerator. This image shows the compact black exterior of the appliance.

Key Features:

- **Compact Design:** Dimensions of 16.7 inches (W) x 17.5 inches (D) x 19.9 inches (H) for versatile placement.
- **Adjustable Thermostat:** Temperature range from 23°F to 46°F (-5°C to 8°C) with 5 settings.
- **Integrated Freezer:** Allows for ice cube making and frozen item storage.
- **Quiet Operation:** Operates at a minimum noise level under 38dB.
- **Energy Efficient:** Estimated daily cost of 0.5 kWh, utilizing R600a refrigerant.
- **Reversible Door:** Door can be configured to open from the left or right.
- **Adjustable Feet:** For stable placement on uneven surfaces.
- **Removable Shelf:** For flexible storage organization.

2. Safety Information

Before operating the appliance, please read all safety instructions carefully to prevent injury or damage. Keep this manual for future reference.

- Ensure the refrigerator is placed on a stable, level surface.
- Allow adequate ventilation around the unit (refer to placement guidelines).
- Do not block ventilation openings.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Unplug the appliance before cleaning or performing maintenance.
- Keep children away from packaging materials.
- 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.

3. Setup and Installation

3.1 Unpacking

- Carefully remove all packaging materials, including foam and adhesive tape.
- Inspect the refrigerator for any shipping damage. If damage is found, do not plug in the unit and contact customer support.
- Remove any protective film from the surfaces.

3.2 Placement

- Place the refrigerator on a firm, level floor that can support its weight when fully loaded.
- Allow at least 4 inches (10 cm) of space on the back and sides of the unit for proper air circulation and cooling efficiency.
- Avoid placing the unit in direct sunlight or near heat sources (e.g., stoves, heaters).
- Ensure the ambient temperature is within the recommended operating range for refrigerators.



Figure 3.1: Interior view and dimensions of the JANREAY FL-FLD-50 Mini Refrigerator. The image highlights the compact size (16.7" W x 17.5" D x 19.9" H) and shows the internal layout with a small freezer compartment and storage for various items.

3.3 Leveling the Appliance

- The refrigerator has adjustable feet at the bottom.
- Turn the adjustable feet clockwise to raise the unit, and counter-clockwise to lower it.
- Ensure the refrigerator is level to ensure proper door sealing and efficient operation.

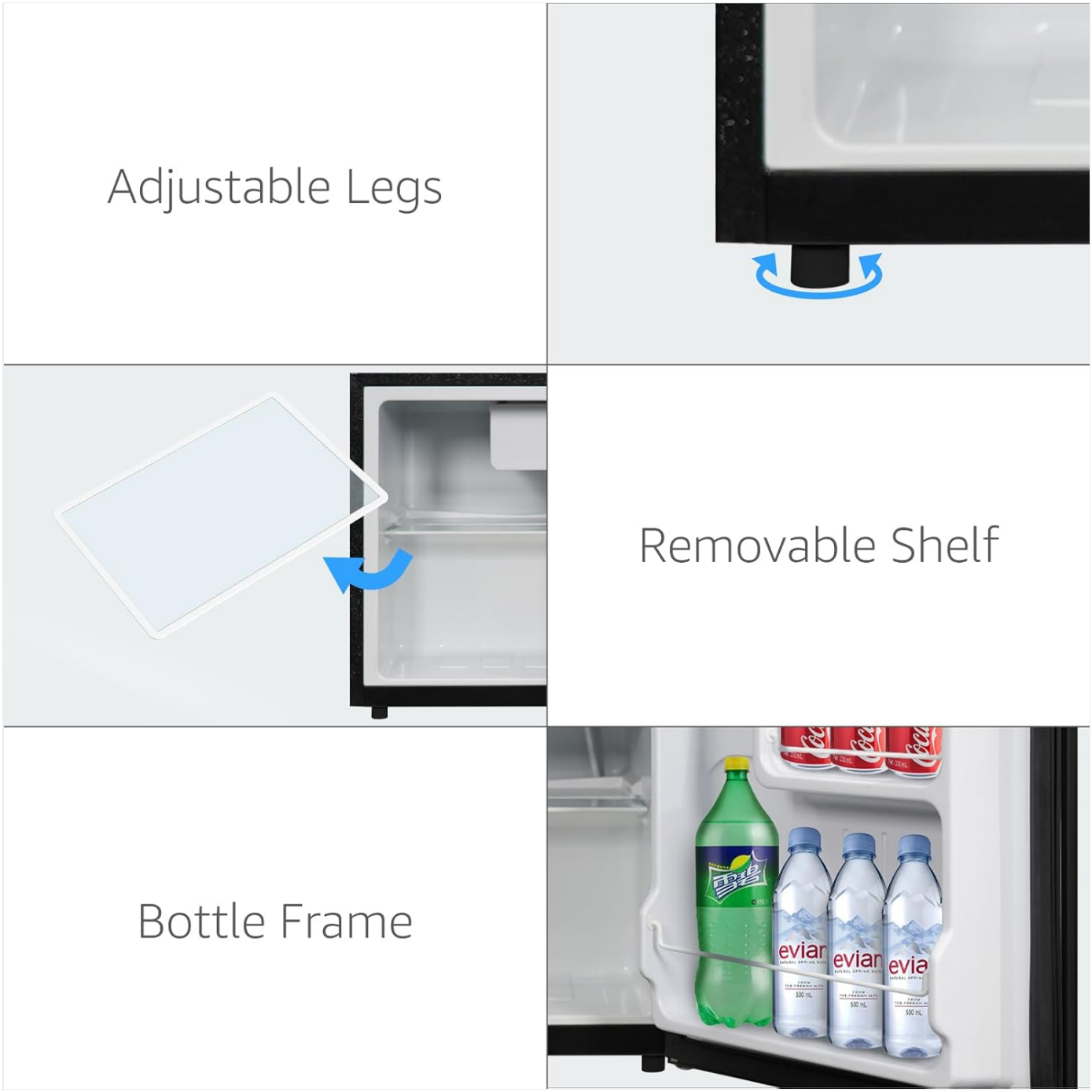


Figure 3.2: Detailed view of key features including adjustable legs, a removable shelf, and a bottle frame for door storage. The adjustable legs allow for leveling the unit.

3.4 Reversible Door Installation (Optional)

The door can be reversed to open from either the left or right side, depending on your space requirements. Refer to the detailed instructions in the full printed manual for this procedure. This typically involves moving hinges and plugs from one side to the other.

3.5 Initial Power-On

- After placement, allow the refrigerator to stand upright for at least 24 hours before plugging it into a power outlet. This allows the refrigerant to settle.
- Plug the unit into a dedicated 220V/60Hz grounded electrical outlet.
- Set the thermostat to level 7 (maximum cooling) for the initial 2-4 hours to achieve optimal cooling effect, then adjust to your desired setting.

4. Operating Instructions

4.1 Temperature Control

The refrigerator is equipped with an adjustable thermostat to control the internal temperature. The temperature control dial is typically located inside the refrigerator compartment.

- Settings range from 0 (OFF) to 5 (coldest), with an additional initial setting of 7 for maximum cooling.
- Recommended operating temperature range is 23°F to 46°F (-5°C to 8°C).
- Turn the dial to a higher number for colder temperatures and a lower number for warmer temperatures.
- Adjust the setting based on the amount of food stored, ambient temperature, and desired cooling level.

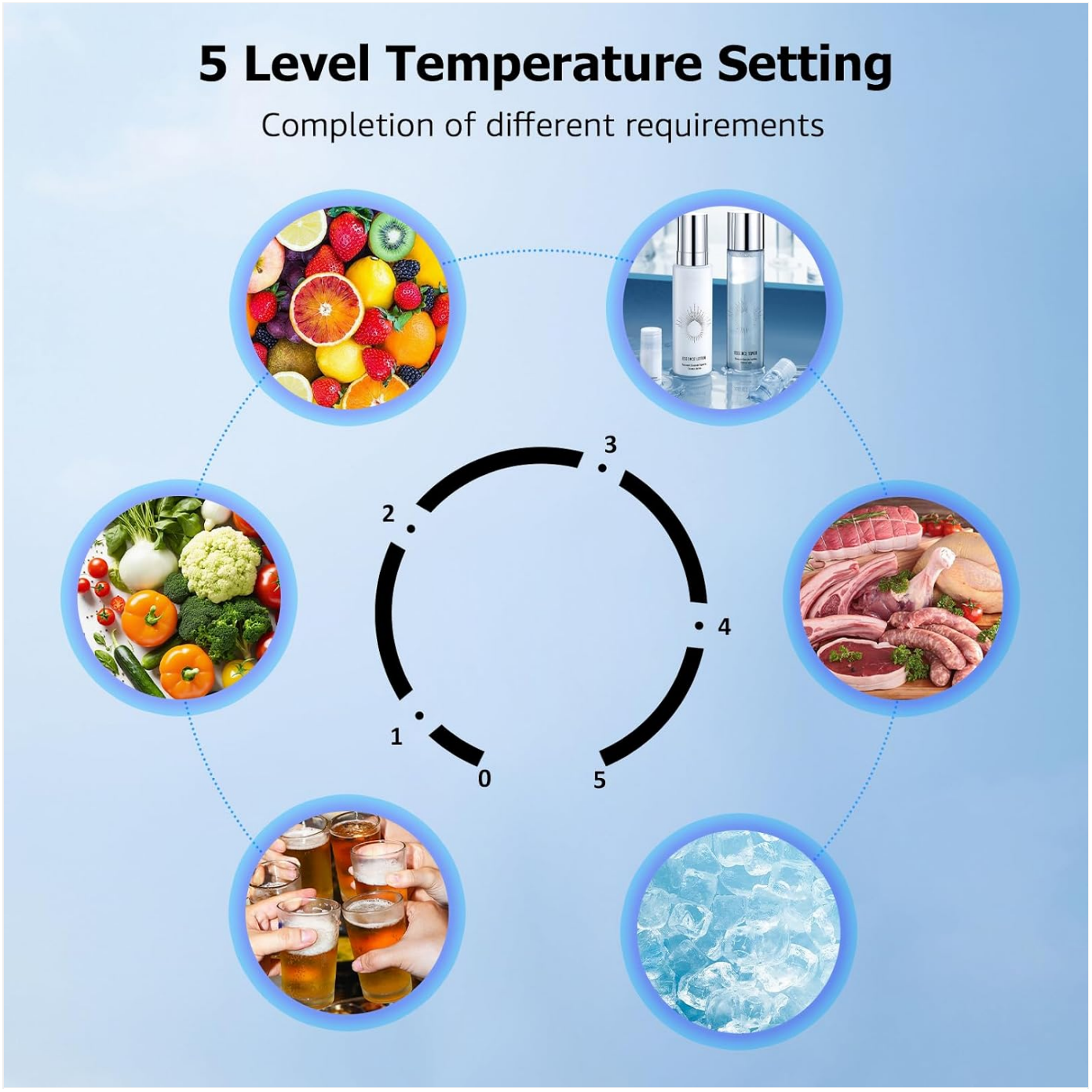


Figure 4.1: Diagram illustrating the 5-level temperature setting. Each level corresponds to different cooling requirements, from keeping fruits and vegetables fresh to making ice cubes.

4.2 Freezer Compartment

The small internal freezer compartment is suitable for making ice cubes and storing small frozen items for short periods. For optimal freezing, ensure the thermostat is set to a colder setting.

4.3 Energy Saving Tips

- Do not open the refrigerator door too frequently or leave it open for extended periods.
- Allow hot foods to cool to room temperature before placing them in the refrigerator.
- Ensure the door seal is clean and intact to prevent cold air leakage.
- Place the refrigerator in a cool, well-ventilated area away from direct sunlight and heat sources.
- The appliance uses R600a refrigerant, which has a lower global warming potential and contributes to energy efficiency.



Figure 4.2: Illustration of the refrigerator's low noise (38dB quiet cooling) and energy-saving features (low consumption). The image depicts a sleeping child and adult, emphasizing the quiet operation.

5. Maintenance and Cleaning

5.1 Defrosting

This refrigerator features a manual defrost system. Frost will accumulate on the freezer compartment walls. When the frost layer becomes about 0.2 inches (5 mm) thick, it should be defrosted.

- Turn the thermostat to the "0" (OFF) position and unplug the unit from the power outlet.
- Remove all food items from the refrigerator and freezer. Place them in another cooler or refrigerator.
- Leave the door open to allow the frost to melt naturally. You can place a towel at the bottom to absorb water.
- Do not use sharp objects or heating devices to remove frost, as this can damage the cooling system.
- Once defrosted, clean and dry the interior thoroughly before plugging the unit back in and restocking.

5.2 Cleaning the Interior

- Unplug the refrigerator before cleaning.
- Wash the interior surfaces with a solution of warm water and mild detergent.
- Remove the removable shelf and wash it separately.
- Wipe dry with a soft cloth.
- Do not use abrasive cleaners, scouring pads, or harsh chemicals.

5.3 Cleaning the Exterior

- Wipe the exterior surfaces with a soft cloth dampened with water and mild detergent.
- Ensure the back condenser coils are free of dust and debris for efficient operation. Use a soft brush or vacuum cleaner attachment to clean them periodically.

6. Troubleshooting Guide

Before contacting customer service, please check the following common issues and solutions:

Problem	Possible Cause	Solution
Refrigerator does not operate.	• Not plugged in. • Circuit breaker tripped/fuse blown. • Thermostat set to "0" (OFF).	• Ensure plug is firmly in outlet. • Reset circuit breaker or replace fuse. • Turn thermostat to a desired setting.
Refrigerator is not cold enough.	• Door not closed properly. • Frequent door opening. • Thermostat setting too warm. • Poor ventilation around unit. • Large amount of warm food added.	• Check door seal and close firmly. • Minimize door openings. • Adjust thermostat to a colder setting. • Ensure adequate clearance around the unit. • Allow time for cooling.
Excessive noise.	• Unit not level. • Contact with wall or other objects.	• Adjust leveling feet. • Move unit away from contact points.
Water on floor.	• Drain pan overflowing (during defrost).	• Ensure drain pan is correctly positioned and not full.

7. Specifications

Feature	Specification

Feature	Specification
Model Name	FL-FLD-50-BLACK
Brand	JANREAY
Product Dimensions (D x W x H)	17.5" x 16.7" x 19.9" (44.45 cm x 42.42 cm x 50.55 cm)
Capacity	1.6 Cu.Ft (45 Liters)
Freezer Capacity	5 Liters
Configuration	Compact Internal Freezer
Color	Black
Installation Type	Freestanding
Number of Doors	1
Defrost System	Manual
Voltage	220 Volts
Refrigerant	R600a
Item Weight	26.5 pounds (12.02 kg)
Annual Energy Consumption	204 kilowatt hours per year
Noise Level	Under 38dB
Door Orientation	Reversible

8. Warranty and Support

The product specifications indicate "Non" for warranty description and included components. For specific warranty information or technical support, please refer to the documentation provided with your purchase or contact the retailer where the product was acquired. You may also visit the JANREAY official website for further assistance.

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