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Antarctic Star JC-48UEL-F

Antarctic Star Mini Fridge Beverage Refrigerator Cooler

MODEL: JC-48UEL-F

1. Important Safety Instructions

To reduce the risk of fire, electric shock, or injury when using your appliance, follow these basic precautions:

- Read all instructions before using the appliance.
- **DANGER:** Risk of child entrapment. Before you throw away your old refrigerator or freezer, take off the doors and leave shelves in place so that children may not easily climb inside.
- Never clean appliance parts with flammable fluids. The fumes can create a fire hazard or explosion.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. The fumes can create a fire hazard or explosion.
- Do not operate the appliance with a damaged cord.
- Ensure proper ventilation around the appliance.
- Unplug the appliance before cleaning or making repairs.

2. Product Overview

The Antarctic Star Mini Fridge is a compact beverage refrigerator designed to keep your drinks chilled. It features a glass door, adjustable shelves, and digital temperature control.



Figure 2.1: Front view of the Antarctic Star Mini Fridge, highlighting its compact size and capacity. Dimensions are shown as 16.34"W x 16.93"D x 22.24"H, with a 1.7 cu.ft capacity.

Key Components:

- **Glass Door:** Double-pane tempered glass for insulation and visibility.
- **Adjustable Shelves:** Removable wire shelves to customize storage space.
- **Digital Temperature Control:** Touch panel with LED display for precise temperature settings.
- **Internal LED Light:** Soft blue LED illumination.
- **Adjustable Leveling Legs:** For stable placement on uneven surfaces.

3. Setup

3.1 Unpacking

- Remove all packaging materials, including foam and adhesive tape.
- Inspect the appliance for any shipping damage. If damage is found, do not plug it in and contact customer support.
- Clean the interior with a damp cloth before use.

3.2 Placement

- Place the appliance on a flat, solid surface strong enough to support it when fully loaded.
- Allow at least 5 inches (12.7 cm) of space between the back and sides of the appliance and any adjacent walls to ensure proper air circulation.
- Avoid placing the appliance in direct sunlight or near heat sources (e.g., stove, heater, radiator).
- This unit is designed for freestanding installation only.

3.3 Leveling the Appliance

It is important for the appliance to be level for proper operation. Adjust the leveling legs at the bottom of the unit by turning them clockwise to raise or counter-clockwise to lower.



Figure 3.1: Interior view showing removable shelves, touch panel, adjustable front legs, and durable hinge. The adjustable front legs are crucial for leveling the unit.

3.4 Electrical Connection

- Plug the appliance into a dedicated, grounded 115V, 60Hz AC outlet. Do not use an extension cord or adapter.
- Allow the appliance to stand upright for at least 2-4 hours before plugging it in to allow the refrigerant to settle.

4. Operating Instructions

4.1 Initial Startup

After plugging in the appliance, it will begin cooling. The internal temperature will gradually decrease to the set point. It may take several hours for the unit to reach the desired temperature, especially during the first use.

4.2 Setting the Temperature

The appliance features a digital temperature control panel located inside the unit, typically at the top. The working temperature range is 40°F - 61°F (4°C - 16°C).

- Use the **+/-** buttons on the control panel to adjust the desired temperature.
- The LED display will show the current internal temperature.
- Press the light bulb icon to turn the internal LED light on or off.

4.3 Adjusting Shelves

The wire shelves are removable and adjustable. To adjust, simply slide the shelf out and reposition it to a different slot to accommodate various bottle or can sizes.

4.4 Reversible Door Installation

The door hinge can be reversed to open from either the left or right side, depending on your preference and space requirements. Refer to the detailed diagram below for instructions on how to reverse the door.



Figure 4.1: Illustration of the reversible door feature, allowing the door to be configured to open from either the left or right side.

5. Maintenance

5.1 Cleaning

- **Always unplug the appliance before cleaning.**
- **Interior:** Wash the interior surfaces with a solution of warm water and baking soda (2 tablespoons of baking soda to 1 quart of water). Rinse and dry thoroughly.
- **Exterior:** Clean the exterior with a mild detergent and warm water. Wipe dry with a soft cloth.
- **Door Gasket:** Clean the door gasket regularly to ensure a proper seal.
- Do not use abrasive cleaners or harsh chemicals, as they may damage surfaces.

5.2 Defrosting

This appliance features manual defrost. Frost may accumulate on the cooling plate inside the unit. To defrost:

- Unplug the appliance.
- Remove all beverages.
- Leave the door open to allow frost to melt naturally. Place a towel at the bottom to absorb water.
- Once defrosted, clean and dry the interior thoroughly before plugging it back in.

5.3 Power Failure

Most power failures are corrected within a few hours and should not affect the temperature of your appliance if you minimize the number of times the door is opened. For longer power failures, take steps to protect your beverages.

5.4 Vacation and Moving

- **Short Vacations:** Leave the appliance operating.
- **Long Vacations:** Remove all beverages, unplug the appliance, clean it, and leave the door slightly ajar to prevent odor and mold formation.
- **Moving:** Securely tape down all loose items inside the appliance. Turn the leveling legs up into the base to avoid

damage. Protect the exterior with a blanket or similar item.

6. Troubleshooting

Review this section before calling for service. It may save you time and expense.

Problem	Possible Cause	Solution
Appliance does not operate.	Not plugged in. Circuit breaker tripped.	Ensure plug is secure. Reset circuit breaker.
Appliance is not cold enough.	Temperature set too high. Door opened too frequently. Poor ventilation.	Lower temperature setting. Minimize door openings. Ensure adequate space around unit.
Vibrations.	Appliance not level.	Adjust leveling legs.
Noise.	Normal operation sounds (compressor, refrigerant flow).	This is normal. If noise is excessive, check for vibrations.
Door will not close properly.	Appliance not level. Gasket dirty or twisted.	Adjust leveling legs. Clean or reposition gasket.

7. Specifications

Feature	Specification
Model Number	JC-48UEL-F
Capacity	1.7 cubic feet
Product Dimensions (D x W x H)	16.93"D x 16.34"W x 22.24"H
Weight	35.6 pounds
Voltage	115 volts
Frequency	60 Hz
Temperature Range	40°F - 61°F (4°C - 16°C)
Defrost System	Manual
Number of Shelves	2
Installation Type	Freestanding

8. Warranty Information

This Antarctic Star appliance comes with a**1-Year Limited Warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship under normal use.

The warranty does not cover damage resulting from misuse, accident, alteration, neglect, unauthorized repair, or improper installation. For full warranty terms and conditions, please refer to the documentation included with your purchase or contact customer support.

9. Customer Support

If you have any questions, require technical assistance, or need to make a warranty claim, please contact Antarctic Star customer support. Have your model number (JC-48UEL-F) and proof of purchase ready when contacting support.

For more information and support resources, you may visit the official Antarctic Star store:Antarctic Star Store on Amazon.

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