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› Antarctic Star 1.7 Cu.Ft Compact Refrigerator (Model BC-46B) User Manual

Antarctic Star BC-46B

Antarctic Star 1.7 Cu.Ft Compact Refrigerator (Model BC-46B) User Manual

Comprehensive instructions for setup, operation, and maintenance of your compact refrigerator.

INTRODUCTION

Thank you for choosing the Antarctic Star 1.7 Cu.Ft Compact Refrigerator. This manual provides essential information for the safe and efficient use of your appliance. Please read it thoroughly before installation and operation, and retain it for future reference.



Front view of the Antarctic Star 1.7 Cu.Ft Compact Refrigerator.

IMPORTANT SAFETY INFORMATION

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

- Read all instructions before using the appliance.
- Connect to a grounded 3-prong outlet only. Do not remove the grounding prong.
- Do not use an extension cord.
- Unplug the refrigerator before cleaning or making repairs.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- 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.

SETUP AND INSTALLATION

1. Unpacking

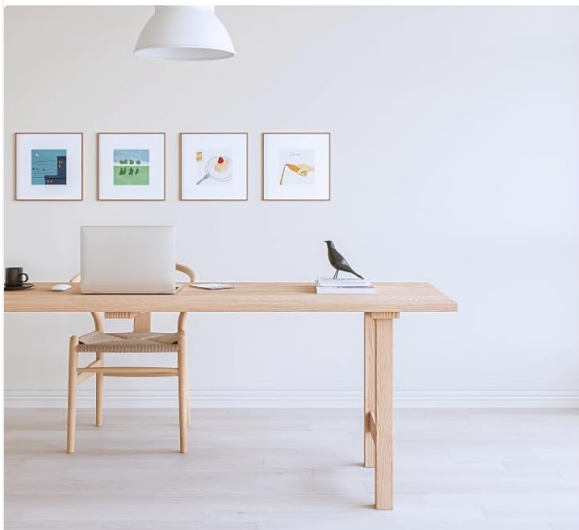
Remove all packaging materials, including foam and adhesive tape. Inspect the refrigerator for any damage. Keep packaging materials out of reach of children.

2. Placement

Place the refrigerator on a flat, stable surface strong enough to support the appliance when fully loaded. Ensure adequate ventilation around the unit. Allow at least 4 inches (10 cm) of space at the back and sides for proper air circulation. Avoid direct sunlight and heat sources (e.g., stove, heater). The refrigerator is designed for indoor use in environments like bedrooms, offices, or dorm rooms.



KEEP COOLING ANYWHERE



Examples of suitable placement locations for the compact refrigerator.

3. Leveling the Refrigerator

The refrigerator features adjustable feet at the bottom. Turn the feet clockwise to raise the unit or counter-clockwise to lower it. Ensure the refrigerator is level to prevent vibrations and ensure proper door sealing.



Image showing the adjustable feet for leveling the refrigerator.

4. Door Reversal (Optional)

The door is reversible, allowing it to open from either the left or right side. To change the door's opening direction, refer to the detailed instructions in the separate door reversal guide (if provided) or consult the manufacturer's website. This process involves carefully repositioning the hinges.



Illustration of the reversible door design.

5. Initial Cleaning

Before first use, wipe the interior and exterior of the refrigerator with a soft cloth and mild detergent. Rinse with clean water and dry thoroughly.

6. Power Connection

Plug the refrigerator into a dedicated, grounded electrical outlet. Allow the unit to stand upright for at least 2-4 hours before plugging it in to allow the refrigerant to settle. After plugging in, let the refrigerator cool for approximately 4 hours before placing food inside.

OPERATING INSTRUCTIONS

1. Temperature Control

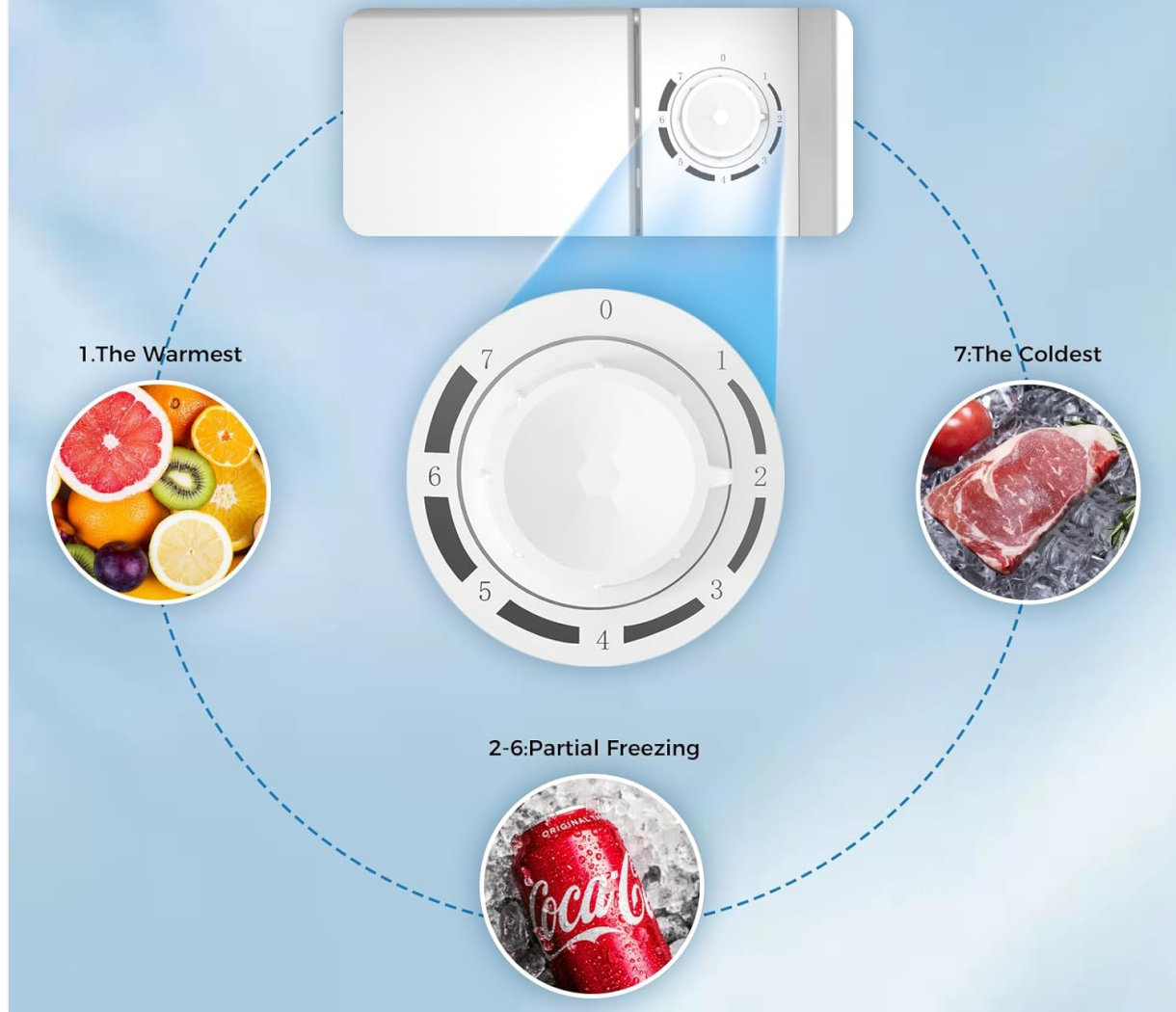
Your refrigerator is equipped with a 7-position adjustable thermostat control knob, located inside the unit. The temperature range is approximately 32°F (0°C) to 50°F (10°C).

- Setting '0' indicates the unit is off.
- Setting '1' is the warmest temperature.
- Setting '7' is the coldest temperature.
- Settings '2-6' provide partial freezing in the chiller compartment.

Adjust the knob to your desired setting. A setting of '4' is generally recommended for normal use. Allow several hours for the temperature to stabilize after adjustment.

ADJUSTABLE TEMPERATURE

Can be adjusted 7 levels from 32°F to 50°F

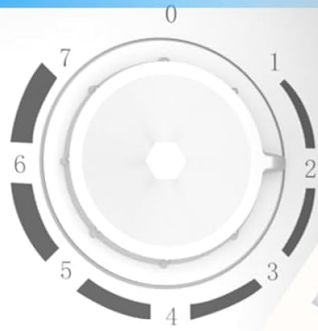


Adjustable temperature control dial with 7 settings.

2. Storage and Shelves

The refrigerator includes one removable wire shelf, designed for durability and convenience. This shelf can be adjusted or removed to accommodate items of various sizes, such as beverages, fruits, vegetables, and snacks.

Defrost Button



Removable Glass Shelf



Sealing Strip



More Storage



Interior features including the removable wire shelf and defrost button.

COMPACT & STYLISH

Keep food fresh and drinks cool anytime, anywhere.



1.7 Cu. Ft



Energy-Saving



Manual Defrost



Freshness



Interior capacity for storing various items.

MAINTENANCE

1. Cleaning Your Refrigerator

Regular cleaning helps maintain efficiency and hygiene. Always unplug the refrigerator 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 thoroughly and dry.
- **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. Use a soft cloth and mild soapy water.
- **Shelves:** The wire shelf can be removed and washed with mild soap and water.

Do not use harsh chemicals, abrasive cleaners, or scouring pads, as these can damage surfaces.

2. Manual Defrosting

This refrigerator features a manual defrost system. Frost will accumulate on the inner walls of the chiller compartment. When the frost layer becomes about 1/4 inch (6 mm) thick, it should be defrosted.

1. Turn the thermostat control to '0' (OFF) and unplug the refrigerator.
2. Remove all food items from the refrigerator and store them in another cool place.
3. Leave the door open to allow frost to melt. Place a towel or shallow pan at the bottom to collect melted water.
4. Once defrosting is complete, clean and dry the interior thoroughly.
5. Plug the refrigerator back in and reset the thermostat. Allow it to cool for a few hours before returning food.

Do not use sharp objects or heating devices to remove frost, as this can damage the cooling system.

3. Power Interruptions and Vacations

- **Short Vacations:** Leave the refrigerator operating during vacations of less than three weeks.
- **Long Vacations:** If the appliance will not be used for several months, remove all food, unplug the power cord, clean the interior thoroughly, and leave the door slightly ajar to prevent odors and mold growth.

TROUBLESHOOTING GUIDE

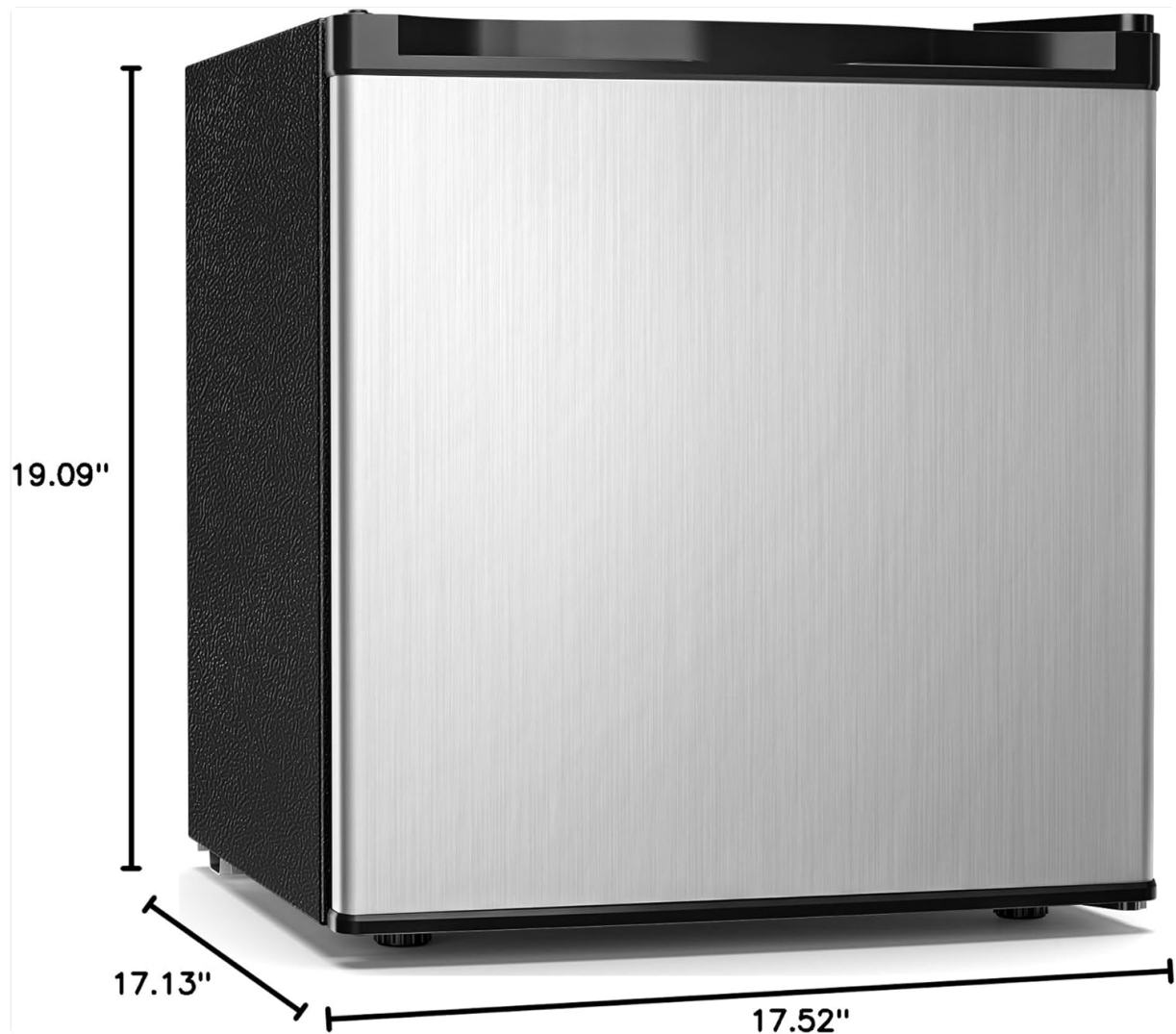
Before contacting customer service, please check the following common issues and solutions:

Problem	Possible Cause	Solution
Refrigerator does not operate.	Not plugged in. Circuit breaker tripped or fuse blown. Thermostat set to '0' (OFF).	Ensure power cord is securely plugged into a grounded outlet. Check household circuit breaker or fuse box. Adjust thermostat to a setting between '1' and '7'.
Refrigerator is not cold enough.	Door opened too frequently or not closed properly. Large amount of warm food added recently. Thermostat setting is too warm. Poor ventilation around the unit.	Ensure door is closed tightly and not opened unnecessarily. Allow time for new items to cool. Adjust thermostat to a colder setting (higher number). Ensure adequate space around the refrigerator for air circulation.
Excessive noise.	Refrigerator is not level. Loose parts or items inside. Normal compressor operation sounds.	Adjust leveling feet to ensure the unit is stable. Check for and secure any loose items. Some operational sounds are normal.
Water dripping inside or outside.	Accumulated frost melting during defrost cycle. Door not sealed properly. Drain hole blocked (if applicable).	This is normal during manual defrost. Ensure proper collection of water. Check door gasket for damage or obstructions. Clear any blockages in the drain hole (refer to maintenance section).

Problem	Possible Cause	Solution
Chiller compartment not freezing.	This unit has a chiller compartment, not a full freezer. Thermostat setting is too warm for freezing.	The chiller is designed for partial freezing, not deep freezing. Set the thermostat to a colder setting (e.g., '5' or higher) for maximum chilling effect.

SPECIFICATIONS

Feature	Detail
Brand	Antarctic Star
Model Number	BC-46B
Product Dimensions (D x W x H)	17.52"D x 17.13"W x 19.09"H
Capacity	1.7 Cubic Feet
Fresh Food Capacity	1.37 Cubic Feet
Freezer Capacity	0.23 Cubic Feet
Color	Silver
Configuration	Compact Freezer-on-Top
Special Feature	Adjustable Shelves
Installation Type	Countertop
Number of Doors	1
Defrost System	Manual Defrost
Voltage	115 Volts
Item Weight	26.45 Pounds
Annual Energy Consumption	120 Kilowatt Hours Per Year
Door Orientation	Reversible



Detailed dimensions of the refrigerator.

WARRANTY INFORMATION

This Antarctic Star refrigerator comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship. It does not cover damage caused by misuse, accident, unauthorized modification, or normal wear and tear. Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

If you encounter any issues not covered in this manual or require further assistance, please contact Antarctic Star customer support. Refer to the product packaging or the official Antarctic Star website for contact details.