

[Manuals.plus](#) /

› [Antarctic Star](#) /

› Antarctic Star 4.9 Cu. Ft. Under Counter Drawer Refrigerator F58145B User Manual

Antarctic Star F58145B

Antarctic Star 4.9 Cu. Ft. Under Counter Drawer Refrigerator

Model: F58145B

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.
- Do not touch cold surfaces, especially when hands are wet.
- 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.
- Before performing any cleaning or maintenance, ensure the appliance is unplugged from the power outlet.
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not damage the refrigerant circuit.
- 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.
- Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

PRODUCT OVERVIEW

The Antarctic Star 4.9 Cu. Ft. Under Counter Drawer Refrigerator is designed for efficient and quiet cooling of beverages. It features a dual-zone drawer design, allowing for organized storage, and is suitable for both home and commercial use. The unit maintains temperatures between 32°F and 50°F.



Figure 1: Front view of the Antarctic Star Under Counter Drawer Refrigerator installed in a kitchen setting.

Key features include:

- **Dual-Zone Drawer Design:** Two independent drawers for organized storage.
- **Large Capacity:** 4.9 cubic feet, accommodating up to 150 standard 12 oz cans.
- **Precise Temperature Control:** Maintains temperatures from 32°F to 50°F.
- **Quiet Cooling System:** Designed for low noise operation.
- **Smart Touch Control Panel:** Intuitive LED display for real-time temperature information.
- **Smooth Slide Rails:** High-quality rails for effortless drawer access.
- **Adjustable Leveling Legs:** For stable installation on uneven surfaces.

SETUP

1. Unpacking

Carefully remove all packaging materials, including foam and tape. Inspect the appliance for any shipping damage. Keep packaging materials until you are satisfied with the product's condition. It is recommended to keep the original packaging for

future transport if needed.

2. Location Requirements

Choose a location with a strong, level floor capable of supporting the appliance when fully loaded. Ensure adequate ventilation around the unit. Avoid direct sunlight or heat sources. The appliance is designed for under-counter installation. Allow at least 1 inch of space at the back and sides for proper air circulation.



Figure 2: Product dimensions for installation planning. Dimensions are 24.1"D x 23.4"W x 33.8"H.

3. Leveling the Appliance

It is crucial for the appliance to be level for optimal performance. The unit is equipped with adjustable leveling legs. Turn the leveling legs clockwise to raise the appliance or counter-clockwise to lower it. Use a spirit level to ensure the appliance is perfectly level from front to back and side to side.



Figure 3: Adjustable leveling legs for stable installation.

4. Electrical Connection

Before plugging in the appliance, allow it to stand upright for at least 2-4 hours. This allows the refrigerant to settle. Connect the appliance to a dedicated, properly grounded 115V AC, 60Hz electrical outlet. Do not use extension cords or adapter plugs.

5. Initial Cleaning

Before first use, clean the interior of the appliance with a mild detergent and warm water. Wipe dry thoroughly with a soft cloth.

OPERATING INSTRUCTIONS

1. Control Panel

The appliance features a smart touch control panel located at the top of the unit. This panel allows you to power the unit on/off and adjust the temperature settings.

Smart touch control panel



Figure 4: Smart touch control panel for temperature adjustment.

- **Power Button ():** Press to turn the appliance on or off.
- **Temperature Up Button (+):** Press to increase the set temperature.
- **Temperature Down Button (-):** Press to decrease the set temperature.
- **LED Display:** Shows the current internal temperature.

2. Setting the Temperature

The temperature range for this refrigerator is 32°F to 50°F (0°C to 10°C). Use the+ and - buttons to set your desired temperature. The display will flash while adjusting and then show the actual internal temperature once set.

3. Loading the Drawers

The dual-zone drawer design allows for efficient organization. Load beverages evenly to ensure proper air circulation. The drawers are equipped with smooth slide rails for easy access. Avoid overloading the drawers to prevent damage to the rails or hinder cooling performance.



Figure 5: Double pull design with drawers open, showing beverage storage.

High load-bearing & Silent self-closing sides



Figure 6: High load-bearing and silent self-closing drawer slides.

MAINTENANCE

1. Cleaning the Interior

Unplug the appliance before cleaning. 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 wipe dry. Do not use abrasive cleaners or harsh chemicals.

2. Cleaning the Exterior

Clean the exterior with a mild detergent and warm water. For stainless steel surfaces, use a stainless steel cleaner and polish in the direction of the grain. Wipe dry with a soft cloth. Regularly clean the ventilation grille at the bottom of the unit to ensure proper airflow.

3. Defrosting

This appliance features a manual defrost system. Frost buildup can occur over time, especially in humid environments.

When frost accumulation exceeds 1/4 inch (0.6 cm), unplug the unit and allow the frost to melt naturally. Remove melted water with a sponge or towel. Do not use sharp objects to remove frost.

4. Power Interruption

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 drawers are opened. For longer power failures, consider placing dry ice in the upper part of the unit.

5. Moving the Appliance

Before moving, remove all contents and secure the drawers with tape. Turn the leveling legs up to prevent damage. Transport the appliance in an upright position if possible. After moving, allow the unit to stand for at least 2-4 hours before plugging it in again.

TROUBLESHOOTING

Review this section before calling for service. It may save you time and expense. This section includes common issues that are not a result of defective materials or workmanship.

Problem	Possible Cause	Solution
Appliance does not operate.	Not plugged in. Circuit breaker tripped or fuse blown. Temperature control set to "OFF".	Ensure power cord is securely plugged into an outlet. Check household circuit breaker or fuse box. Adjust temperature setting on the control panel.
Appliance is not cold enough.	Temperature set too high. Drawers opened too frequently. Poor ventilation around the unit. Excessive frost buildup.	Lower the temperature setting. Minimize drawer openings. Ensure adequate clearance around the appliance. Defrost the unit manually.
Excessive noise.	Appliance not level. Vibrating against a wall or cabinet.	Adjust leveling legs to ensure the unit is stable. Move the appliance slightly away from walls or cabinets.
Moisture buildup on exterior.	High humidity environment. Drawers not fully closed.	This is normal in humid conditions; wipe dry. Ensure drawers are completely sealed.

SPECIFICATIONS

Feature	Detail
Model Number	F58145B
Product Dimensions (D x W x H)	24.1" x 23.4" x 33.8"
Capacity	4.9 Cubic Feet (approx. 150 standard 12 oz cans)
Temperature Range	32°F - 50°F (0°C - 10°C)

Feature	Detail
Installation Type	Undercounter
Number of Doors	2 (Drawers)
Defrost System	Manual
Voltage	115V AC
Cooling Method	Compressor
Refrigerant	R600a
Item Weight	99 Pounds
Annual Energy Consumption	220 Kilowatt Hours Per Year

WARRANTY INFORMATION

This Antarctic Star appliance comes with a **1-Year Limited Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accident, alteration, neglect, or improper installation. Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

If you have any questions, require assistance, or need to report an issue with your Antarctic Star refrigerator, please contact our customer support team. For the most up-to-date contact information, please refer to the official Antarctic Star website or your purchase documentation.

When contacting support, please have your model number (F58145B) and proof of purchase readily available.