

## Commercial Cool CCR45B

# Commercial Cool CCR45B 4.5 Cu. Ft. Compact Refrigerator and Freezer User Manual

Model: CCR45B

## INTRODUCTION

Thank you for purchasing the Commercial Cool CCR45B Compact Refrigerator and Freezer. This manual provides essential information for the safe installation, operation, and maintenance of your appliance. Please read these instructions thoroughly before use and retain them for future reference.

## IMPORTANT SAFETY INSTRUCTIONS

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.
- **DANGER:** Risk of child entrapment. Before you throw away your old refrigerator or freezer, take off the doors. Leave the shelves in place so that children may not easily climb inside.
- Never clean refrigerator parts with flammable fluids. The fumes can create a fire hazard or explosion.
- Do not store or use gasoline or any other flammable vapors and liquids in the vicinity of this or any other refrigerator. The fumes can create a fire hazard or explosion.
- Unplug the refrigerator before cleaning or making any repairs.
- Ensure the appliance is properly grounded.
- Do not use electrical appliances inside the food storage compartments unless they are of the type recommended by the manufacturer.
- This appliance uses R600a refrigerant. Handle with care.

## PRODUCT OVERVIEW

The Commercial Cool CCR45B is a compact single-door refrigerator with a dedicated freezer compartment, designed for efficient cooling in smaller spaces.



**Figure 1:** Exterior view of the Commercial Cool CCR45B compact refrigerator. This image shows the sleek black finish and recessed door handle.



**Figure 2:** Interior view of the Commercial Cool CCR45B compact refrigerator. The image displays the adjustable glass shelves, door storage, and the top-mounted freezer compartment.

### Key Features:

- 4.5 Cubic Feet Capacity
- 3 Full-width Slide-out Glass Shelves
- Door Storage for Cans and Tall Bottles
- Half-width Freezer Compartment with Ice Cube Tray
- Recessed Door Handle
- Adjustable Leveling Legs
- Manual Defrost System
- Reversible Door Hinges

## INSTALLATION AND SETUP

### 1. Unpacking

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

## 2. Location

- Place the refrigerator 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 refrigerator and any adjacent walls to ensure proper air circulation.
- Avoid placing the appliance in direct sunlight or near heat sources (e.g., stove, heater).
- Ensure the electrical outlet is easily accessible.

## 3. Leveling the Refrigerator

Your refrigerator has adjustable leveling legs. Turn the leveling legs clockwise to raise the refrigerator or counter-clockwise to lower it. Ensure the refrigerator is level to prevent vibrations and ensure proper door sealing.

## 4. Door Reversal (Optional)

The door hinges are reversible, allowing the door to open from either the left or right side. Refer to the detailed instructions in the full PDF manual for this procedure, as it involves removing and reattaching hardware.

## 5. Initial Power-On

After positioning and leveling, plug the refrigerator into a dedicated 120V AC outlet. Allow the appliance to stand for at least 2-4 hours before loading food to allow the refrigerant to settle and the interior to cool down.

# OPERATING INSTRUCTIONS

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## 1. Temperature Control

The refrigerator's temperature is controlled by a thermostat dial located inside the fresh food compartment. Settings range from '0' (OFF) to '7' (COLDEST). A setting of '4' is generally recommended for normal use.



**Figure 3:** Close-up of the internal thermostat dial. The dial allows adjustment of the cooling intensity from 0 to 7.

- Turn the dial towards '7' for colder temperatures.
- Turn the dial towards '1' for warmer temperatures.
- '0' turns off the cooling function, but the appliance remains powered.

## 2. Food Storage

Arrange food items to allow for proper air circulation. Avoid overcrowding the shelves.



**Figure 4:** The door features a dedicated compartment designed to securely hold 2-liter bottles and other tall items.





**Figure 5:** Integrated can storage racks on the door, designed to hold up to 5 standard beverage cans for easy access.

### 3. Freezer Compartment

The half-width freezer compartment is suitable for storing small frozen items and making ice. An ice cube tray is included.



**Figure 6:** The compact freezer compartment, shown here storing a small frozen pizza, is ideal for limited frozen storage needs.

#### 4. Adjustable Shelves

The glass shelves can be adjusted to different heights to accommodate various item sizes. To adjust, carefully lift the shelf and slide it out, then reposition it on the desired support rails.

### CARE AND MAINTENANCE

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#### 1. Cleaning

- **Always unplug the refrigerator before cleaning.**
- Wash the interior with a warm water and baking soda solution (2 tablespoons of baking soda to 1 quart of water).
- Clean the door gasket with mild soap and water to ensure a proper seal.
- Wipe the exterior with a mild detergent and warm water, then dry thoroughly.
- Do not use harsh chemicals, abrasive cleaners, or scouring pads.

#### 2. Manual Defrosting

This refrigerator features a manual defrost system. Frost will accumulate on the freezer compartment walls.



When frost buildup reaches approximately 1/4 inch (0.6 cm) thick, defrost the unit:

- 1. Turn the thermostat to '0' (OFF) and unplug the unit.
- 2. Remove all food from the refrigerator and freezer compartments.
- 3. Leave the door open to allow frost to melt naturally. Place towels at the bottom to absorb water.
- 4. Once defrosted, clean and dry the interior thoroughly.
- 5. Plug the unit 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 Outage

In case of a power outage, keep the refrigerator door closed to maintain internal temperature for as long as possible. Avoid opening the door unnecessarily.

### 4. Moving the Refrigerator

When moving the appliance, secure all loose items inside. Transport the unit in an upright position if possible. After moving, allow it to stand for at least 2-4 hours before plugging it in.

## TROUBLESHOOTING GUIDE

Before contacting customer service, review this section for common issues and solutions.

Problem	Possible Cause	Solution
Refrigerator does not operate.	Not plugged in; circuit breaker tripped; thermostat set to '0'.	Ensure plug is secure; check circuit breaker; reset thermostat to a higher setting.
Temperature is too warm.	Thermostat set too low; door opened too frequently; warm food placed inside; poor air circulation.	Adjust thermostat to a colder setting; minimize door openings; allow hot food to cool before storing; ensure adequate clearance around the unit.
Temperature is too cold.	Thermostat set too high.	Adjust thermostat to a warmer setting.
Excessive frost buildup in freezer.	Door not sealed properly; frequent door openings; high humidity.	Check door gasket for damage or obstruction; ensure door is fully closed; perform manual defrost.
Unusual noises.	Unit not level; items vibrating inside; normal compressor operation.	Adjust leveling legs; reposition items inside; gurgling or humming sounds are normal.

## PRODUCT SPECIFICATIONS

Below are the technical specifications for the Commercial Cool CCR45B model:

Feature	Detail
Brand Name	Commercial Cool
Model Info	CCR45B

Feature	Detail
Item Weight	54 pounds
Product Dimensions	20.3 x 22.25 x 32.1 inches (D x W x H)
Capacity	4.5 Cubic Feet
Annual Energy Consumption	253 Kilowatt Hours Per Year
Refrigerator Fresh Food Capacity	3.8 Cubic Feet
Freezer Capacity	0.4 Cubic Feet
Installation Type	Freestanding
Form Factor	Compact
Special Features	Adjustable Shelves
Color	Black
Voltage	120 Volts
Defrost System	Manual
Door Hinges	Reversible
Shelf Type	Glass shelves, recessed
Number of Shelves	3
Material Type	Aluminum
Included Components	4.5 Cu. Ft. Mini Fridge



**Figure 7:** Dimensional drawing of the Commercial Cool CCR45B, showing height (32.1"), width (22.25"), and depth (20.3").

U.S. Government

Federal law prohibits removal of this label before consumer purchase.

# ENERGYGUIDE

## Refrigerator-Freezer

- Manual Defrost

Brand: Commercial Cool

Model: CCR45B, CCR45W, CCR45V

Capacity: 4.5 Cubic Feet



**Compare ONLY to other labels with yellow numbers.**

**Labels with yellow numbers are based on the same test procedures**

## Estimated Yearly Energy Cost

**\$30**



Cost range not available

**253 kWh**

**Estimated Yearly Electricity Use**

- **Your cost will depend on your utility rates and use.**
- Cost range based only on models of similar capacity with manual defrost.
- Estimated energy cost based on a national average electricity cost of 12 cents per kWh.

[ftc.gov/energy](http://ftc.gov/energy)

**Figure 8:** U.S. Government EnergyGuide label for the Commercial Cool CCR45B, indicating an estimated yearly energy cost of \$30 and 253 kWh annual electricity use.

## WARRANTY AND CUSTOMER SUPPORT

For warranty information or technical assistance, please refer to the warranty card included with your product or visit the official Commercial Cool website. You can also find additional support and product information by visiting the [Commercial Cool Store on Amazon](#).

