

## kalifon KR-49B-2022

# Kalifon 54" Commercial Refrigerator User Manual

Model: KR-49B-2022

## 1. INTRODUCTION

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This user manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your Kalifon 54" Commercial Refrigerator. Please read this manual thoroughly before operating the appliance to ensure safe and efficient use. Keep this manual for future reference.



**Image 1.1:** The Kalifon 54" Commercial Refrigerator with its two solid doors open, revealing a spacious interior equipped with multiple adjustable shelves. The shelves are shown holding a variety of items including bottled beverages, fresh fruits, and vegetables, demonstrating the unit's large storage capacity and organizational flexibility.

## 2. SAFETY INSTRUCTIONS

Always follow basic safety precautions when using this appliance to reduce the risk of fire, electric shock, or injury.

- **Electrical Safety:** Ensure the refrigerator is connected to a grounded power outlet with the correct voltage (115 Volts). Do not use extension cords.
- **Ventilation:** Maintain adequate clearance around the unit for proper air circulation to prevent overheating.
- **Placement:** Place the refrigerator on a level, stable surface capable of supporting its weight (approximately 359 pounds when empty, plus contents).

- **Refrigerant:** This unit uses R290 refrigerant. Servicing should only be performed by qualified personnel.
- **Cleaning:** Disconnect power before cleaning. Use non-abrasive cleaners.
- **Children:** Keep children away from the appliance. Do not allow them to play inside or climb on the unit.

### 3. SETUP AND INSTALLATION

#### 3.1 Unpacking

Carefully remove all packaging materials. Inspect the refrigerator for any shipping damage. Report any damage to your supplier immediately.

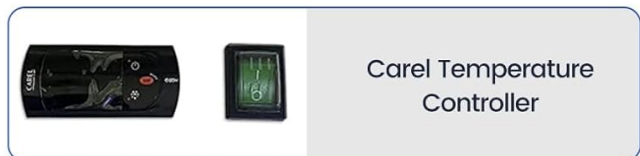
#### 3.2 Placement

Choose a location that is well-ventilated and away from direct sunlight or heat sources. Ensure there is sufficient space for the doors to open fully and for maintenance access.

## CORE CONFIGURATION NEW UPGRADE



Conforms to UL&NSF-7 Standards



**Image 3.1:** A detailed diagram illustrating the external dimensions (54.1 inches width, 81.9 inches height, 32 inches depth) and key internal components of the Kalifon Commercial Refrigerator. Components highlighted include the Carel Temperature

### 3.3 Leveling and Casters

The refrigerator is equipped with heavy-duty swivel casters for easy movement. Once in position, engage the brakes on the casters to secure the unit. Ensure the unit is level to allow proper door sealing and drainage.



**Image 3.2:** A close-up view of one of the lockable swivel casters, highlighting its robust construction and the mechanism for engaging the brake to secure the refrigerator in place.

### 3.4 Initial Power-Up

After placement, wait at least 2 hours before plugging the unit into a dedicated 115V electrical outlet. This allows the refrigerant to settle. The unit will begin cooling automatically.

## 4. OPERATING INSTRUCTIONS

### 4.1 Temperature Control

The refrigerator features an intelligent Carel controller with a digital display for easy temperature monitoring. The recommended operating temperature range is 33°F to 41°F (0.5°C to 5°C).

# PRECISION REFRIGERATION SYSTEM

Make Sure Food Is Kept At a Safe Temperature



**Image 4.1:** The Carel controller interface, demonstrating how temperature settings can be adjusted for optimal storage of various food items such as drinks, sauces, fruits, vegetables, bread, eggs, live fish, and raw meat, ensuring they are kept at safe and appropriate temperatures.

## 4.2 Shelving Adjustment

The refrigerator is equipped with 8 adjustable shelves, each capable of holding up to 155 lbs. These can be freely adjusted to accommodate various storage needs.

# 8 FLEXIBLE & ADJUSTABLE SHELVES

Spacious Interior For Maximum Storage To Meet Any Of Your Storage Needs



**Image 4.2:** A visual representation of the refrigerator's interior, emphasizing the eight flexible and adjustable shelves. The image highlights the maximum load capacity of 155 pounds per shelf, showcasing the spacious interior designed for maximum storage efficiency.

## 4.3 Door Operation

The doors feature a 90-degree automatic closing mechanism. They are also equipped with a standard door lock and key for security.



**Image 4.3:** A detailed view of the recessed door handle, illustrating its ergonomic design for easy opening and closing.



**Image 4.4:** A technical diagram illustrating the door's self-closing mechanism at angles less than 90 degrees and its ability to stay open beyond 90 degrees. It also shows the NEMA 5-15P plug type for electrical connection.

## 5. MAINTENANCE

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### 5.1 Cleaning the Interior and Exterior

The refrigerator is constructed from food-grade stainless steel, both inside and out, which is designed to resist fingerprints. For general cleaning, wipe surfaces with a soft cloth and mild detergent. Avoid abrasive cleaners or scouring pads.

# WHOLE MACHINE STAINLESS STEEL

Laser Welding, No Gaps In The Corners, No Cold Leakage, Better Heat Preservation 304 Stainless Steel Interior / 403 Stainless Steel Exterior



**Image 5.1:** A visual representation of the refrigerator's stainless steel construction, highlighting its easy-to-clean surface and the multi-layered insulation designed for superior heat preservation and cold retention.



**Image 5.2:** A comparison image demonstrating the anti-fingerprint properties of the stainless steel surface, contrasting it with a typical surface that easily shows greasy fingerprints.

## 5.2 Automatic Defrost

The unit features an automatic defrosting system that activates every 4 hours to prevent frost or ice buildup. This ensures optimal cooling performance without manual intervention.

## 5.3 Removable Door Seal

The door seals are removable for easy cleaning and replacement, ensuring a tight seal for energy efficiency.



**Image 5.3:** A close-up view of the removable door seal, illustrating how it can be detached for thorough cleaning and maintenance, ensuring hygiene and effective sealing.

## 5.4 Condenser Coil Cleaning

The unit has a removable mounting plate for easier access to the condenser coils. Regularly clean the condenser coils to maintain efficiency and prolong the life of the compressor. Disconnect power before cleaning.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Refrigerator not cooling	Power supply issue, thermostat setting too high, condenser coils dirty, excessive door openings.	Check power connection. Adjust thermostat. Clean condenser coils. Minimize door openings.
Excessive noise	Unit not level, fan obstruction, loose components.	Ensure unit is level. Check for obstructions around fan. Contact service if noise persists.
Water on floor/inside unit	Drain line clogged, door seal not tight, excessive humidity.	Clear drain line. Check and clean door seal. Ensure proper ventilation.
Temperature fluctuates	Frequent door openings, warm items loaded, sensor issue.	Reduce door opening frequency. Allow warm items to cool before loading. Contact service if issue persists.

For issues not listed above or if troubleshooting steps do not resolve the problem, please contact customer support.

## 7. SPECIFICATIONS



## PROFESSIONAL AND TRUSTWORTHY



7\*24 hours customer service



Please provide 1-2 real phone numbers when placing an order (important)

Model	KR-49B
Type	Refrigerator
Capacity	49 Cubic feet
Unit dimension	54.1*32*81.9 inches
Packing dimension	60*33*85.8 inches
Temperature	33~41°F
Cooling system	Fan Cooling
Voltage	110-115V/60Hz
AMPS	2.7
Number of Shelves	8
Lock and key	Yes
Material(out and in )	SS201 SS430
Protective film	White
Certification	ETL and DOE
Compressor warranty	5 years
Warranty	2 years

**Image 7.1:** A comprehensive table detailing the specifications of the Kalifon Commercial Refrigerator, including model number, capacity, dimensions, temperature range, cooling system, voltage, amperage, number of shelves, material, and certifications.

Feature	Detail
Brand	Kalifon
Model Number	KR-49B-2022
Capacity	49 Cubic Feet
Dimensions (D x W x H)	32 x 54.1 x 81.9 inches
Item Weight	359 pounds

Feature	Detail
Temperature Range	33°F to 41°F (0.5°C to 5°C)
Cooling System	Fan Cooling
Compressor	Bottom-mounted Embraco compressor (1/5 HP)
Refrigerant	R290
Voltage	115 Volts
Defrost Type	Automatic
Number of Shelves	8 (adjustable, 155 lbs capacity each)
Material	Stainless Steel (Food-grade interior and exterior)
Special Features	Digital Temperature Control, Adjustable Shelves, Door Lock, Removable Door Seal, Anti-Fingerprint Surface
Certifications	ETL Safety Certified, ETL Hygiene Certified, DOE Standard Energy Certified

## 8. WARRANTY AND SUPPORT

### 8.1 Warranty Information

Kalifon provides the following warranty for this commercial refrigerator:

- **Compressor:** 5-year warranty.
- **All Other Parts and Labor:** 2-year warranty.

Please retain your proof of purchase for warranty claims.

### 8.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Kalifon customer service. They provide 7\*24 hours of service.

**Contact Information:** Refer to your purchase documentation or the official Kalifon website for the most current contact details.

