

Elite Kitchen Supply EKS-CF-1500

Elite Kitchen Supply Commercial Vertical Open Air Display Refrigerator

MODEL: EKS-CF-1500

[Safety](#) | [Setup](#) | [Operation](#) | [Maintenance](#) | [Troubleshooting](#) | [Specifications](#) | [Warranty](#) | [Support](#)

Introduction

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Elite Kitchen Supply Commercial Vertical Open Air Display Refrigerator, Model EKS-CF-1500. Please read this manual thoroughly before using the appliance and retain it for future reference.

Safety Information

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

- Ensure the appliance is connected to a grounded power supply.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Keep ventilation openings in the appliance enclosure or in the built-in structure clear of obstruction.
- 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.
- Only qualified personnel should perform repairs.

Setup

1. Unpacking

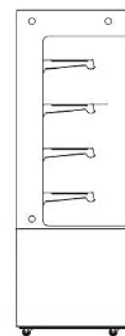
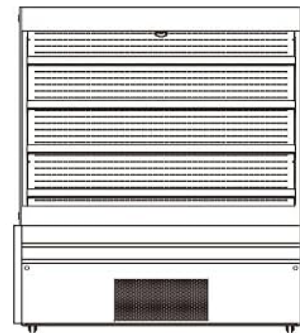
Carefully remove all packaging materials, including tape and protective film. Inspect the unit for any shipping damage. Report any damage immediately to the carrier and your dealer.

2. Placement

Place the refrigerator on a strong, level surface capable of supporting its weight when fully loaded. Ensure adequate clearance around the unit for proper ventilation. Maintain at least 6 inches of space from walls or other equipment to allow for air circulation around the condenser unit.



- Brilliant Internal LED on top and under each shelf
- Digital temperature controller and display
- 4 Adjustable frosted glass shelves
- Tempered glass at 2 sides
- Mirror SS304 Internal
- With front curtain
- 4 Casters, 2 with brakes
- Ventilated cooling system
- Automatic defrost
- Tempered glass at 2 sides
- Hot air at front and 2 sides to remove water on glass
- Condensation water evaporated automatically



Open Display

Mode	Temperature	Shelves	Dimesnion (WxDxH) inch mm	Package (WxDxH) inch mm	Cpacity Cu. ft. Liters	N.W. kg lb	G.W. kg lb	AMPS	Voltage
CF-900	2-10°C 35.6-50.0°F	4	28.7×29.0×79.9 730×738×2030	39.3×31.5×87.7 1000×800×2230	500L 17.6c.f.	189 416.6	201 443.1	14	115V/60Hz 1phase
CF-1200	2-10°C 35.6-50.0°F	4	48.4×29.0×79.9 1230×738×2030	51.1×31.5×87.7 1300×800×2230	760L 26.8c.f.	220.5 486.1	238 524.7	15.5	115V/60Hz 1phase
CF-1500	2-10°C 35.6-50.0°F	4	60.2×29.0×79.9 1530×738×2030	62.9×31.5×87.7 1600×800×2230	960L 33.9c.f.	252 555.5	272 599.6	11	220V/60Hz 1phase
CF-1800	2-10°C 35.6-50.0°F	4	72.0×29.0×79.9 1830×738×2030	74.8×31.5×87.7 1900×800×2230	1160L 40.9c.f.	293 645.9	316 696.6	11	220V/60Hz 1phase

Figure 1: Front view of the EKS-CF-1500 refrigerator.

3. Electrical Connection

This unit requires a dedicated 115 Volt, 60 Hz, single-phase electrical outlet. Refer to the product label for specific amperage requirements. Ensure the electrical supply matches the unit's specifications. Do not use extension cords.



Figure 2: Rear view showing the compressor and electrical connection.

4. Initial Cleaning

Before first use, clean the interior and exterior surfaces with a mild soap and water solution. Rinse thoroughly and dry completely.

5. Video Overview

Watch this video for a detailed overview of the Elite Kitchen Supply Commercial Vertical Open Air Display Refrigerator, Model CF-1500, including its dimensions and key features.

Your browser does not support the video tag.

Video 1: Overview of the Commercial Vertical Open Air Display Refrigerator CF-1500.

Operating Instructions

1. Powering On/Off

After connecting the unit to the power supply, locate the main power switch, typically near the digital temperature controller. Flip the switch to the 'ON' position to power on the unit. To turn off, flip the switch to 'OFF'.

2. Digital Temperature Control

The unit features a digital temperature controller to set and monitor the internal temperature. The temperature range is typically 35.6°F to 50°F (2°C to 10°C). Use the up and down arrows on the controller to adjust the desired temperature. Consult the controller's specific manual for advanced settings.



Figure 3: Digital temperature controller and power switch.

3. Loading Product

Arrange products evenly on the shelves to ensure proper air circulation. Do not block the air vents. Overloading the unit or blocking airflow can impair cooling performance. The unit includes adjustable, removable shelves for versatile display options.



Figure 4: Adjustable glass shelves for product display.

4. Night Curtain Usage

For energy efficiency and to maintain temperature during off-hours, pull down the integrated night curtain when the unit is not in use. This helps to reduce cold air loss.

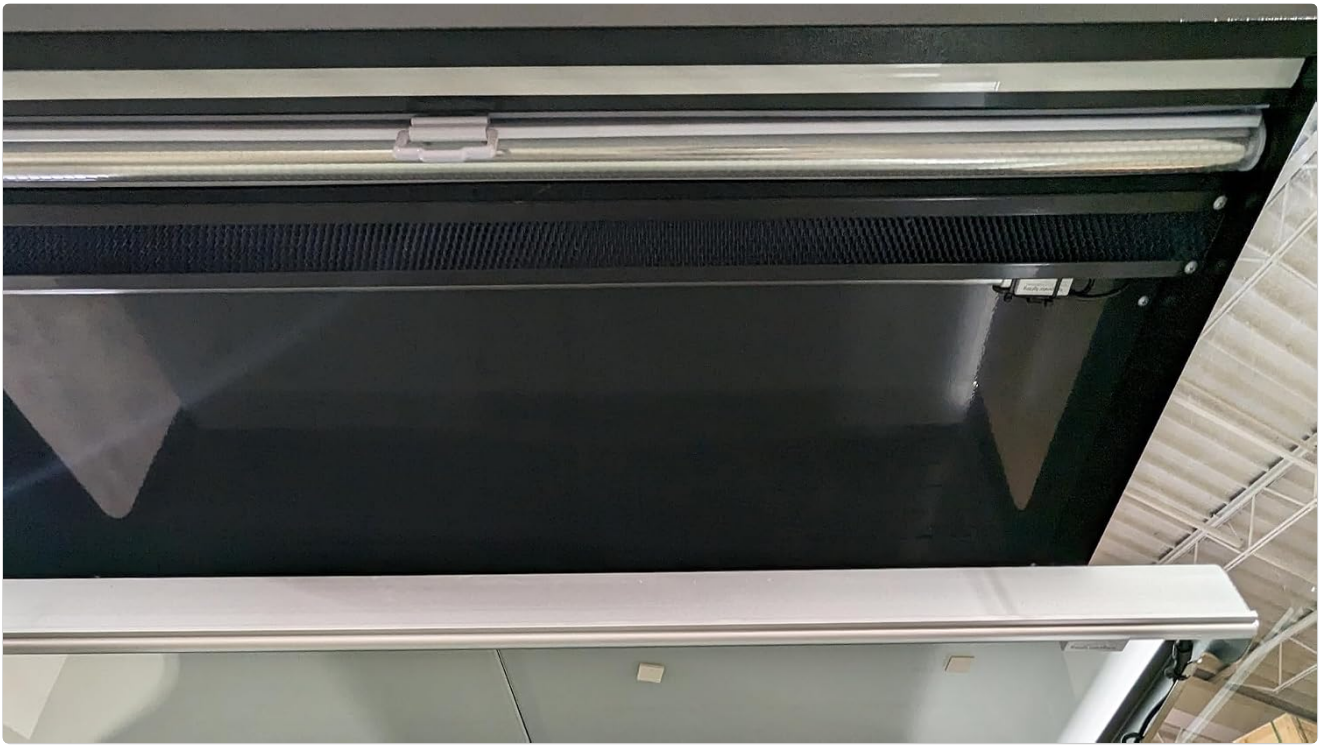


Figure 5: Retractable night curtain.

5. LED Lighting

The unit is equipped with brilliant internal LED lighting to illuminate products effectively. The LED lights are energy-efficient and enhance product visibility.



Figure 6: Internal LED lighting.

Maintenance

1. Regular Cleaning

Regularly clean the interior and exterior of the refrigerator. Use a mild detergent and warm water. Avoid abrasive cleaners or scouring pads that could damage surfaces. Ensure the unit is unplugged before cleaning.

2. Condenser Coil Cleaning

The condenser coils should be cleaned regularly (monthly or quarterly, depending on usage and environment) to ensure efficient operation. Dust and debris on the coils can reduce cooling efficiency and increase energy consumption. Unplug the unit, locate the condenser coils (typically at the bottom rear), and use a brush or vacuum cleaner to remove accumulated dirt.



Figure 7: Condenser coil area at the rear of the unit.

3. Automatic Defrost

This unit features an automatic defrost system. During defrost cycles, ice buildup on the evaporator coils is melted, and the water is evaporated automatically. No manual defrosting is typically required.

4. Shelf Adjustment and Removal

The glass shelves are adjustable and removable for cleaning or to accommodate different product sizes. To adjust, lift the shelf slightly and reposition the support brackets. To remove, lift the shelf and pull it out.

Troubleshooting

If your refrigerator is not operating correctly, check the following common issues before contacting service:

- **Unit not cooling:** Ensure the power cord is securely plugged in, the power switch is ON, and the circuit breaker has not tripped. Check if the condenser coils are clean and not obstructed.
- **Excessive noise:** Verify the unit is level and not touching any walls or other equipment. Check for loose components or debris in the fan area.

- **Temperature too high:** Confirm the temperature setting on the digital controller is correct. Ensure the night curtain is used during off-hours. Avoid overloading the unit or blocking air circulation.
 - **Water on floor:** Check the drain pan for overflow or blockage. Ensure the unit is level.
- If the problem persists after checking these points, contact qualified service personnel.

Specifications

Feature	Specification
Model	EKS-CF-1500
Brand	Elite Kitchen Supply
Capacity	33.9 Cubic Feet
Product Dimensions (DxWxH)	28.99"D x 59.99"W x 78.99"H
Item Weight	556 Pounds
Voltage	115 Volts
Wattage	1880 watts
Temperature Range	35.6°F~50°F (2°C to 10°C)
Defrost System	Automatic
Material Type	Stainless Steel
Certification	ETL
Shelves	4 (Glass)



Figure 8: General specifications table for Open Display models.



Figure 9: Detailed specifications and circuit diagram for CF-1500.

Warranty

Elite Kitchen Supply provides the following warranty for this product:

- **3-year all-parts warranty**
- **6-year compressor warranty**
- **1-year labor warranty**

Note:

Our warranty does not cover all equipment used in food trucks, trailers, boats, residential addresses, islands, or built-in decorations. Please refer to your purchase agreement or contact customer support for full warranty terms and conditions.

Support

For technical assistance, parts, or service inquiries, please contact Elite Kitchen Supply customer support. Have your model number (EKS-CF-1500) and purchase date available when contacting support.

Visit the [Elite Kitchen Supply Store](#) for more information.

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Video 2: Elite Kitchen Supply Brand Video.

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