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› Elite Kitchen Supply Commercial 3 Glass Door Refrigerator Merchandiser EKS-SG1.9L3 User Manual

Elite Kitchen Supply EKS-SG1.9L3

Elite Kitchen Supply Commercial 3 Glass Door Refrigerator Merchandiser

Model: EKS-SG1.9L3

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Elite Kitchen Supply Commercial 3 Glass Door Refrigerator Merchandiser, Model EKS-SG1.9L3. Please read this manual thoroughly before installation and use to ensure proper functioning and longevity of the unit.

SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury. This unit is ETL certified for safety and sanitation. States and cities may require all commercial kitchens to use NSF or ETL certified products.

- Ensure the unit is properly grounded.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Keep ventilation openings clear of obstruction.
- Only trained service personnel should perform repairs involving the refrigerant circuit.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

SETUP AND INSTALLATION

Unpacking

Carefully remove all packaging materials, including any plastic wrap or protective films from the unit's surfaces. Inspect the unit for any shipping damage. Report any damage immediately to the carrier and supplier.



Image: The commercial 3 glass door refrigerator merchandiser, showing its exterior still partially covered in protective plastic wrap from shipping.

Placement

Position the refrigerator on a level, stable surface. Ensure adequate clearance around the unit for proper ventilation, especially at the bottom where the compressor is located. The unit is designed for freestanding installation.

- **Overall Dimensions (D x W x H):** Approximately 30" x 78" x 80" (including handles and top canopy).
- **Internal Dimensions (Approximate):** 24" (Depth) x 73.5" (Width) x 52" (Height).

Model:
SG1.9L3-HC

Glass Door Merchandiser: Swing Door Refrigerator



SG1.9L3-HC

- **CABINET CONSTRUCTION**
Exterior - Coated steel
Interior - attractive, aluminum liner with stainless steel floor.
- **Rounded corner** design inside of the cabinet makes it easy to clean the inside storage room
- **Standard door features:**
Double pane glass door
Self closing. Positive seal, torsion type closure system.
- **Refrigeration system** holds 33°F to 41°F (0°C to 5°C). Ideal for beverage and soft drinks
- **Electronic control system:**
Adjustable temperature set point and defrost frequency
Error codes to diagnose service issues
- **Shelf:** Adjustable, heavy duty PVC coated shelves.
- **Fluorescent or LED lamps**
- **FOAMED-IN-PLACE POLYURETHANE HIGH DENSITY CELL INSULATION (CFC FREE)**

Bottom mounted units feature:

- "No stoop" lower shelf.
- Easily accessible condenser coil for cleaning, and easy service access
- Simple installation with no plumbing required

Rough-In Data

Specifications subject to change without notice.

Chart dimensions rounded up to the nearest 1/8" (millimeters rounded up to next whole number).

Model	Doors	Shelves	Cabinet Dimensions (inches) (mm)			N.W. Lbs	CAP. CU.FT. LITER	HP	Voltage	Amps	NEMA Config.
			L	D	H						
SG1.9L3-HC	3	12	78.3 1988	30 760	80.7 2050	615.1	53 1500	1/2	115/60/1	14.5	5-20P 



Plug type varies by country.

Image: A person measuring the overall length of the 3 glass door refrigerator merchandiser, indicating approximately 80 inches.

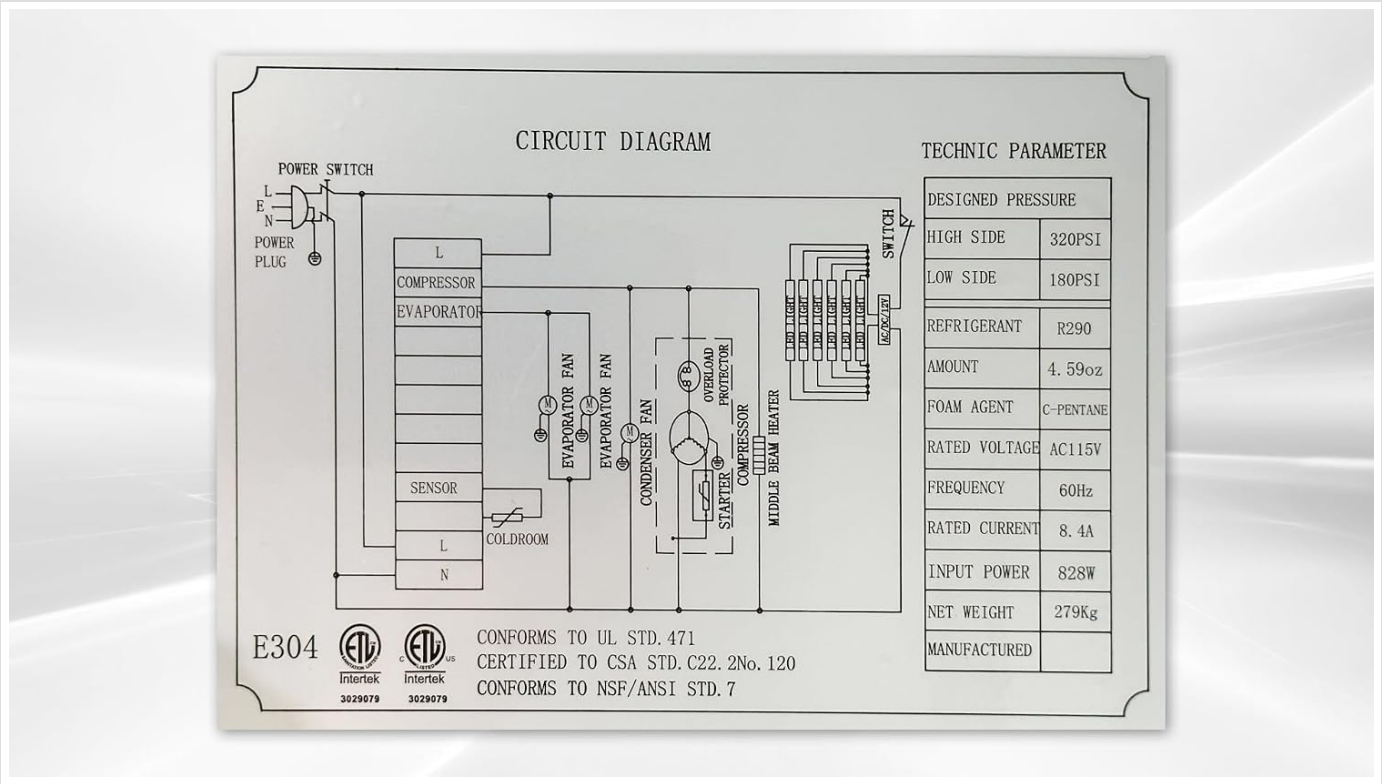


Image: A person measuring the depth of the refrigerator, showing approximately 32 inches including the door handles.

Electrical Connection

Connect the unit to a dedicated 115 Volt electrical outlet. The unit uses a standard 5-20P plug type. Ensure the electrical supply matches the requirements listed on the unit's data plate.



Image: Rear view of the refrigerator, highlighting the power cord connection and the vented area for the bottom-mounted compressor.

Shelf Installation

The unit comes with 12 adjustable, heavy-duty PVC coated shelves. Install the shelves into the desired positions using the provided shelf clips. Ensure shelves are securely seated before loading products.



Image: Interior of the refrigerator showing the adjustable wire shelves and their support brackets.

OPERATING INSTRUCTIONS

Control Panel

The control panel is located at the bottom front of the unit. It includes a power switch, a light switch, and a Dixell digital temperature controller.



Image: A close-up of the control panel, showing the red power switch, green light switch, and the Dixell digital temperature controller.

Power and Lighting

- Use the red switch to turn the main power to the unit ON or OFF.
- Use the green switch to control the internal LED lighting.



Image: Close-up of the LED light strips installed vertically on the interior sides of the refrigerator, providing illumination for products.

Temperature Control

The Dixell digital controller allows for precise temperature adjustments. The recommended operating temperature range is 33°F to 41°F (0.5°C to 5°C). Refer to the Dixell controller manual for detailed programming instructions.

Door Operation

The unit features hinged tempered double-paned glass swing doors designed to prevent condensation and enhance insulation. The doors are equipped with a soft-close mechanism for convenience and energy efficiency.

MAINTENANCE

Cleaning

The coated steel exterior, aluminum liner, and stainless steel floor interior are designed for durability and easy cleaning. Regularly clean all surfaces with a mild detergent and water. Avoid abrasive cleaners that could damage the finish.

Condenser Coil

The bottom-mounted condenser coil is easily accessible for cleaning. Regular cleaning of the condenser coil is crucial for maintaining optimal performance and energy efficiency. Refer to the service manual for detailed cleaning procedures.

Defrost System

This unit features an automatic defrost system, minimizing the need for manual defrosting. Ensure the unit is operating within its specified temperature range for the defrost system to function correctly.

TROUBLESHOOTING

The electronic control system is designed to diagnose and display error codes for common issues. If an error code appears on the Dixell controller, consult the Dixell manual for specific interpretations and troubleshooting steps. For complex issues or persistent problems, contact Elite Kitchen Supply customer support.



Image: A close-up view of the compressor unit, typically located at the bottom of the refrigerator, which is central to its cooling function.

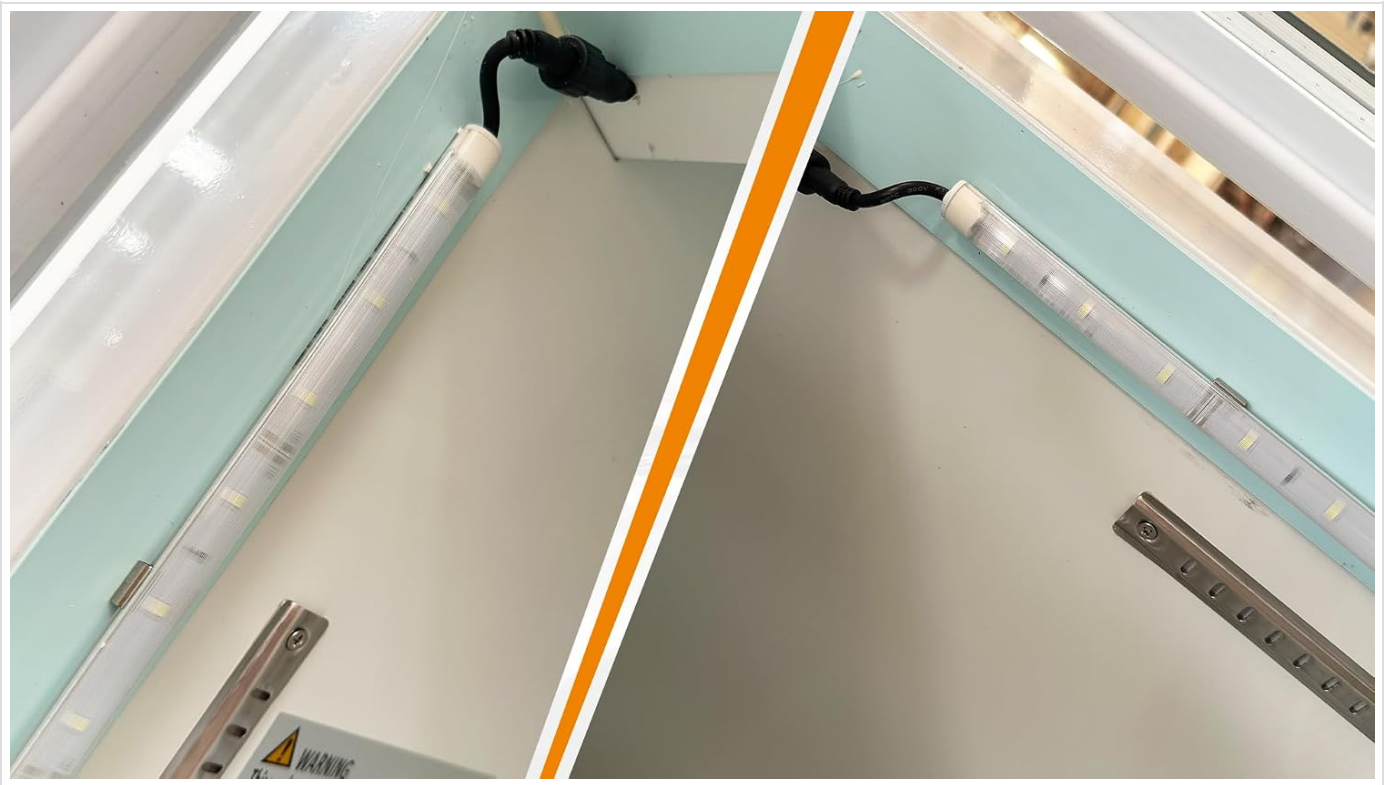


Image: A detailed circuit diagram and technical parameters for the refrigerator, including refrigerant type (R290) and electrical specifications.

SPECIFICATIONS

Feature	Detail
Brand	Elite Kitchen Supply
Model Number	EKS-SG1.9L3
Capacity	53 Cubic Feet
Product Dimensions (D x W x H)	30" x 78" x 80" (approximate)
Item Weight	615.1 Pounds

Feature	Detail
Installation Type	Freestanding
Number of Doors	3
Door Material Type	Glass (Hinged tempered double-paned)
Shelves	12 (Adjustable, heavy-duty PVC coated)
Temperature Control	Digital (33°F to 41°F or 0.5°C to 5°C)
Defrost System	Automatic
Voltage	115 Volts
Plug Type	5-20P
Special Features	Customizable LED Lightbox, Energy Efficient and Quiet, Bottom-Mounted Compressor
Certification	ETL

WARRANTY INFORMATION

This Elite Kitchen Supply unit comes with a comprehensive warranty:

- **All Parts:** 3-year warranty
- **Compressor:** 6-year warranty
- **Labor:** 1-year warranty

Note: The warranty does not cover equipment used in food trucks, trailers, boats, residential addresses, islands, or built-in decorations. Please retain your proof of purchase for warranty claims.

SUPPORT

For any questions, technical assistance, or warranty claims, please contact Elite Kitchen Supply customer service. Have your model number (EKS-SG1.9L3) and serial number ready for faster service. You can find additional information and support on the [Elite Kitchen Supply Store on Amazon](#).

PRODUCT OVERVIEW VIDEO

Your browser does not support the video tag.

Video: An overview of the Elite Kitchen Supply 53 cu.ft. 3 Glass Door Merchandiser Refrigerator (Model SG1.9L3), demonstrating its features, dimensions, and internal components.

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