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Elite Kitchen Supply AKR-13781

Elite Kitchen Supply Commercial Reach-In Refrigerator AKR-13781 User Manual

1. OVERVIEW

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Elite Kitchen Supply Commercial Reach-In Refrigerator, Model AKR-13781. This unit is designed for commercial food storage, offering a spacious 49 cubic feet capacity with precise digital temperature control.



Figure 1: Elite Kitchen Supply Commercial Reach-In Refrigerator AKR-13781

2. SAFETY INFORMATION

Always adhere to local and national safety codes when installing and operating this appliance. 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 unit is properly grounded.
- 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 service personnel should perform repairs.

3. PRODUCT FEATURES

The AKR-13781 Commercial Reach-In Refrigerator is engineered for durability and performance in demanding commercial environments.

- **Capacity:** Spacious 49 cubic feet interior.
- **Temperature Control:** Digital display controller maintains precise temperatures between 33-40°F with automatic defrosting.
- **Construction:** Premium stainless steel interior and exterior with rounded corners for easy cleaning and maintenance.
- **Mobility:** Heavy-duty 4 caster system with 2 brake wheels for stable positioning and easy movement.
- **Interior Lighting:** LED interior lighting for enhanced visibility.
- **Security:** Lockable doors for secure storage.
- **Cooling System:** Ventilated cooling system for consistent temperature distribution.



Figure 2: Key features of the AKR-13781 Refrigerator.

Efficient Cooling



Low Energy Consumption



Self-Closing Design



High-Density Insulation



Low-E Tempered Glass



UV Protection



No Frost Buildup



Figure 3: Illustration of the efficient 360° circulation air cooling system.

4. INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your refrigerator. Follow these guidelines:

1. **Unpacking:** Carefully remove all packaging materials. Inspect the unit for any shipping damage. Report any damage immediately to the carrier.
2. **Placement:** Position the refrigerator on a level, sturdy surface capable of supporting its weight (386 pounds empty). Ensure adequate clearance around the unit for proper ventilation. Avoid direct sunlight or heat sources.
3. **Leveling:** Use the adjustable casters to level the unit. Ensure all four casters are firmly on the ground and the two brake wheels are locked to prevent movement.
4. **Electrical Connection:** Connect the unit to a dedicated 115 Volt electrical outlet. Do not use extension cords.
5. **Initial Cleaning:** Before first use, clean the interior and exterior surfaces with a mild detergent and warm water.



Figure 4: Standard 115V power cord for the unit.



Figure 5: Heavy-duty casters for mobility and stability.

5. OPERATION

Your refrigerator is equipped with an intuitive digital temperature control system for easy operation.

1. **Power On/Off:** Locate the power switch, typically near the digital display. Turn it on to start the unit.
2. **Temperature Setting:** Use the digital display to set your desired temperature between 33-40°F. Refer to the controller's specific instructions for detailed programming.
3. **Automatic Defrost:** The unit features an automatic defrost system, eliminating the need for manual defrosting.
4. **Loading:** Distribute food items evenly on the 6 adjustable shelves to ensure proper air circulation. Do not block the internal fan or air vents.



Figure 6: Digital temperature control panel for precise settings.

Your browser does not support the video tag.

Video 1: This video provides a detailed overview of the Elite Kitchen Supply Commercial Reach-In Refrigerator, Model AKR-13781, including its dimensions, features, and internal components. It demonstrates the unit's size, digital controls, power connection, and adjustable shelving.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your refrigerator.

1. **Cleaning:** Regularly clean the interior and exterior with a mild, non-abrasive cleaner. Ensure the door gaskets are clean and free of debris to maintain a tight seal.
2. **Shelf Adjustment:** The 6 heavy-duty PVC coated shelves are adjustable. To adjust, remove items, lift the shelf, and reposition the clips to the desired height.
3. **Condenser Coil Cleaning:** Periodically clean the condenser coils to prevent dust and debris buildup, which can reduce efficiency. This should be done by qualified personnel.
4. **Temperature Monitoring:** Use the internal thermometer to regularly verify the temperature, ensuring it remains within the safe range.



Figure 7: Interior of the refrigerator showing adjustable shelves.



Figure 8: Internal thermometer for accurate temperature readings.

7. TROUBLESHOOTING

If you encounter issues, consult this section before contacting service.

- **Unit Not Cooling:** Check power supply, ensure the unit is plugged in, and the circuit breaker is not tripped. Verify temperature settings. Ensure condenser coils are clean and not obstructed.
- **Excessive Noise:** Check for loose components or obstructions around the fan. Ensure the unit is level.
- **Door Not Sealing:** Inspect door gaskets for damage or debris. Ensure shelves are not obstructing the door closure.
- **Water on Floor:** Check the drain pan and drain line for blockages or proper positioning.

8. SPECIFICATIONS



COMMERCIAL REFRIGERATOR	
MODEL: AKR-13781	Rated voltage: 115V
	Rated frequency: 60Hz
	total input current: 4.9A
Intertek 5002544	Cryogen/Filling capacity: R290/3.53oz
Conforms to UL Std. 60335-1 & 60335-2-89	Effective volume: 41.9 ft ³
Cert. to CSA Std. C22.2 No.60335-1 & 60335-2-89	Temperature range: 33~40°F
Conforms to NSF Std. 7	Climate type: 7
	Anti electric shock protection category: Class I
	High side design pressure: 400 psig
	Low side design pressure: 135 psig

Figure 9: ETL certification label and detailed product specifications.

Specification	Detail
Brand	Elite Kitchen Supply
Model	AKR-13781
Capacity	49 Cubic Feet
Dimensions (D x W x H)	32.09" x 54" x 81.3"
Item Weight	386 Pounds
Voltage	115 Volts
Temperature Range	33-40°F
Defrost System	Automatic
Number of Doors	2
Shelf Type	Heavy-duty PVC Coated
Number of Shelves	6
Material	Stainless Steel
Certification	ETL
Included Components	Commercial Refrigerator, Shelves, Castors

9. WARRANTY AND SUPPORT

Elite Kitchen Supply provides the following warranty for the AKR-13781:

- **3-Year All-Parts Warranty**
- **6-Year Compressor Warranty**
- **1-Year Labor Warranty**

Note:

- Warranty does not cover equipment used in food trucks, trailers, boats, residential addresses, islands, or built-in decorations.

For technical support, parts, or warranty claims, please contact Elite Kitchen Supply customer service. Refer to the product's serial number and model information when contacting support.



Figure 10: Warranty badges for the refrigerator.

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Video 2: This brand video showcases various commercial kitchen equipment from Elite Kitchen Supply, highlighting their commitment to quality and efficiency. It features different refrigeration units and cooking appliances suitable for diverse food service operations.