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› [ORIKOOL 27"W Commercial Reach-In Upright Freezer Instruction Manual](#)

ORIKOOL ST27BF

ORIKOOL 27"W Commercial Reach-In Upright Freezer Instruction Manual

Model: ST27BF

PRODUCT OVERVIEW

The ORIKOOL 27"W Commercial Reach-In Upright Freezer is designed for commercial use, offering efficient and reliable frozen goods storage. It features low noise operation, energy-saving components, and a durable stainless steel construction. With 23 cubic feet of storage, 3 adjustable shelves, and LED lighting, it provides optimal visibility and organization. The unit includes automatic defrost and precise digital temperature control for consistent performance.



Figure 1: ORIKOOL 27"W Commercial Reach-In Upright Freezer.

SETUP AND INSTALLATION

This commercial freezer is designed for freestanding installation. Ensure the unit is placed on a level surface. The four 360° wheels, two of which are locking, allow for smooth relocation and secure positioning.

Dimensions and Space Requirements

The product dimensions are approximately 32.09 inches (D) x 27.01 inches (W) x 83.11 inches (H). Ensure adequate clearance around the unit for proper ventilation and door opening. The door can be opened by 227 degrees and auto-closes when angled below 90 degrees, providing flexible access in tight spaces.



Figure 2: Product dimensions and door swing clearance.

Electrical Connection

The freezer operates on 115 Volts with a wattage of 320 watts. It uses a NEMA 5-15P plug type. The electrical cord length is 120 inches. Ensure the electrical outlet meets the specified requirements and is properly grounded.

OPERATING INSTRUCTIONS

Temperature Control

The freezer is equipped with a digital thermostat from the CAREL brand, allowing for precise temperature control.

The unit maintains a consistent temperature range of -10°F to 10°F with an accuracy of $\pm 1^\circ\text{F}$. The digital display provides real-time temperature readings.

Automatic Defrost

The freezer features automatic defrost cycles at 8-hour intervals to prevent frost buildup. The heated stainless steel door frame also contributes to preventing water buildup and maintaining optimal performance.



Figure 3: Digital thermostat and heated door frame for automatic defrost.

Internal Organization and Lighting

The 23 cu.ft interior provides ample space with 3 adjustable shelves, each capable of holding up to 155 lbs. A top-mounted LED light strip ensures optimal visibility for inventory checks. The pre-coated aluminum interior with rounded corners facilitates easy cleaning and optimal space utilization.

Freezer

23 Cu.ft



Ice cream



Pizza



Chicken



Beef



Fish



Pork



Crab



Abalone



R290
REFRIGERANT



INTERTEK



DOE



HIGHER
EFFICIENCY



FASTER
COOLING



BETTER FOOD
PRESERVATION

Figure 4: Interior features including LED lighting, adjustable shelves, and security lock.

MAINTENANCE

Cleaning the Condenser Coils

Regular cleaning of the condenser coils is crucial for maintaining energy efficiency and extending the lifespan of your freezer. Dust and debris can accumulate on the coils, reducing cooling efficiency. It is recommended to clean the coils periodically.

1. Unplug the freezer from the power outlet.
2. Locate and remove the front grill at the bottom of the unit. This typically involves unscrewing a few fasteners.
3. Using a brush, gently clean the coils to remove accumulated dust.
4. For thorough cleaning, use a vacuum cleaner with a crevice attachment. Ensure to follow the fin direction when cleaning to avoid damage.
5. Once clean, reinstall the grill and secure it with the fasteners.
6. Plug the freezer back into the power outlet.

Your browser does not support the video tag.

Video 1: Instructions for cleaning the condenser coils of the freezer. This process helps reduce energy costs and prolong the appliance's life.

Interior Cleaning

The pre-coated aluminum interior with rounded corners is designed for easy cleaning. Use a mild detergent and a soft cloth to wipe down surfaces. Avoid abrasive cleaners or harsh chemicals that could damage the finish.



Figure 5: Comparison of pre-coated aluminum interior (ours) vs. plastic interior (others), highlighting durability and ease of cleaning.

TROUBLESHOOTING

For common operational issues or unexpected behavior, please refer to the troubleshooting section in the comprehensive user manual available on the manufacturer's website. If the issue persists or for complex problems, contact customer support for assistance.

SPECIFICATIONS

Feature	Detail
Brand Name	ORIKOOL
Model Info	ST27BF
Item Weight	221 pounds
Product Dimensions (D x W x H)	32.09 x 27.01 x 83.11 inches
Installation Type	Freestanding
Form Factor	Freestanding
Special Features	Lockable, Wheels
Color	27"W 23 Cu.ft 1 Door
Voltage	115 Volts
Wattage	320 watts
Door Hinges	Right
Door Material Type	Stainless Steel
Shelves	3
Certification	ETL
Included Components	Inlaid handle
Temperature Range	-10°F to 10°F
Defrosting	Automatic every 8 hours
Capacity	23 Cu.ft

TECHNICAL DATA



Model	Freezer	
		ST27BF
Capacity	23 Cu.ft.	49 Cu.ft.
Temperature Range	-10~-10°F	
Refrigerant	R290	
Max Ambient Temperature	100°F	
Defrosting	Automatic every 8 hours	
Voltage/Phase/Hz	115V/1/60Hz	
Horsepower	1/4	1/2
Interior Dimension (WxDxH) inch	23 1/9*26 7/9*60 3/7	50 1/5*26 7/9*60 3/7
Net Weight	225lbs	362lbs
Plug Type	NEMA 5-15P	
Electrical Cord Length	120"	

Figure 6: Technical data for the freezer, including capacity and temperature range.

WARRANTY AND SUPPORT

The ORIKOOL Commercial Reach-In Upright Freezer comes with a **5-year compressor warranty** and **2-year full coverage** on all other components. For technical assistance or warranty claims, 24/7 technical support is available from US-based warehouses.

The unit also features a dual-key security lock system (2 physical keys included) for restricted access, ensuring the safety of stored contents.