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› Cooler Depot Commercial Freezer XB-27F Instruction Manual

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Cooler Depot Commercial Freezer XB-27F Instruction Manual

Model: XB-27F

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Cooler Depot Commercial Freezer, Model XB-27F. Please read these instructions thoroughly before installation and use to ensure optimal performance and longevity of your appliance.

The Cooler Depot XB-27F is a 23 cubic foot, 1-door solid upright reach-in freezer designed for commercial use. It features durable stainless steel construction, a bottom-mounted compressor, and a precise digital temperature control system.

IMPORTANT SAFETY INFORMATION

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

- **Electrical Safety:** Ensure the unit is connected to a properly grounded 110V/60Hz electrical outlet. Do not use extension cords or adapter plugs.
- **Refrigerant:** This unit uses R290 refrigerant. Servicing should only be performed by qualified and certified personnel.
- **Ventilation:** Maintain adequate clearance around the unit for proper air circulation, especially around the bottom-mounted compressor compartment.
- **Placement:** Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- **Cleaning:** Always disconnect power to the unit before cleaning or performing any maintenance.
- **Heavy Appliance:** This freezer is heavy (approximately 290 lbs). Use appropriate lifting techniques and equipment when moving to prevent injury.

SETUP AND INSTALLATION

Proper installation is crucial for the performance and lifespan of your freezer.

Unpacking

Carefully remove all packaging materials. Inspect the freezer thoroughly for any shipping damage. Report any damage immediately to the carrier and supplier.

Location

Choose a location that is level, stable, and can safely support the combined weight of the freezer (approximately 290 lbs empty) and its contents. Avoid direct sunlight, heat sources (e.g., ovens, stoves), or areas with high humidity, as these can negatively impact efficiency.

Ensure sufficient clearance for air circulation around the unit. The bottom-mounted compressor requires good airflow for efficient operation. Maintain at least 4 inches of clearance from walls or other obstructions.

Leveling

The freezer is equipped with 4 lockable castor wheels for easy movement. Use these to carefully move the unit into its final position. Once in place, lock the wheels to prevent unintended movement. Verify the unit is level using a spirit level; adjust the leveling feet if necessary to ensure stability and proper door sealing.

Electrical Connection

Connect the freezer to a dedicated 110V/60Hz, 15 Amp grounded electrical outlet. Do not use adapter plugs or extension cords. The unit requires a single phase connection for safe and optimal operation.

Initial Cleaning

Before first use, clean the interior and exterior surfaces with a mild, non-abrasive detergent and warm water. Rinse thoroughly with clean water and dry completely with a soft cloth.



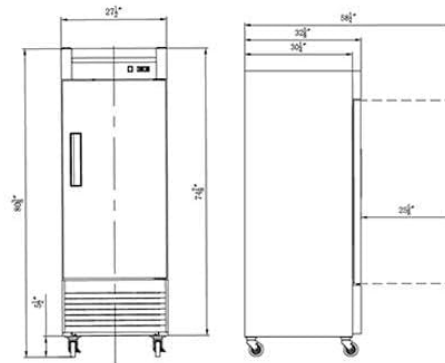
Features & Benefits

- Stainless steel interior and exterior, floors and rounded cabinet corners for easy cleaning.
- Lifetime guaranteed door hinges.
- Reversible door on single door model.
- Digital temperature controller with automatic defrost system.
- Forced air refrigeration system.
- Adjustable, heavy duty shelves.
- Bottom mounted compressor for better heat evaporation.



Technical Specifications

Voltage/Frequency	115V/60Hz
Refrigerant	R290
Type of defrosting	Automatic
Exterior Finish	Stainless Steel
Interior Finish	Stainless Steel



GLASS DOOR MERCHANDISER													
Model	External Dimensions (inches)			Packing Carton (inches)			Temperature Range °F	Net Weight	Gross Weight	# of Shelves	Compressor Power (HP)	NEMA Config.	40HQ Container Certification
	W	D	H	W	D	H							
CD-29F-1	27 1/2	32 5/8	80 3/8	29 1/2	34 1/8	84 3/8	0 ~ -8°F	287	338	4	3/4	5-20P	40

Unit completely pre-wired at factory ready for final connection to a 110/60Hz single phase 15/20amp dedicated outlet.

Image: Front view of the Cooler Depot Commercial Freezer XB-27F, showcasing its stainless steel finish and robust design.



Image: Rear view of the Cooler Depot Commercial Freezer XB-27F, highlighting the bottom-mounted compressor compartment and ventilation.

OPERATING INSTRUCTIONS

Power On

After connecting the unit to power, locate the power switch, typically positioned near the digital control panel. Turn the switch to the 'ON' position. The unit will begin its cooling cycle.

Digital Temperature Control

The freezer is equipped with a digital thermostat display and control buttons for precise temperature management. The factory default temperature setting is suitable for most commercial freezing applications.



Image: Close-up view of the digital control panel (Dixell) and the red illuminated power switch on the freezer's front panel.

Adjusting Temperature:

- 1. Press the 'SET' button to view the current set point temperature.
- 2. Use the Up (▲) or Down (▼) arrow buttons to adjust the desired temperature.
- 3. Press 'SET' again to confirm the new setting. The display will return to showing the actual internal temperature.

The adjustable temperature range for this freezer is -22°C to -18°C (or -8°F to 0°F).

Loading the Freezer

Allow the freezer to reach the desired operating temperature before loading it with products. Distribute items evenly on the four PVC-coated shelves to ensure proper air circulation and efficient freezing. Avoid blocking the internal fan or vents.



Image: Interior view of the Cooler Depot Commercial Freezer, showing the four adjustable PVC-coated shelves and the internal fan unit at the bottom.

Defrost System

This unit features an automatic defrost system, minimizing the need for manual defrosting. During defrost cycles, the internal temperature may temporarily rise slightly, which is normal. Defrost water is evaporated automatically.

MAINTENANCE

Regular maintenance ensures efficient operation, optimal hygiene, and extends the life of your freezer.

Daily Cleaning

- Wipe down the interior and exterior surfaces with a damp cloth and a mild, non-abrasive cleaner.
- Clean door gaskets regularly to ensure a tight seal. A clean gasket prevents cold air loss and reduces energy consumption.

Monthly Cleaning

- **Condenser Coil:** The condenser coil, located at the bottom of the unit, should be cleaned monthly. **Always disconnect power before cleaning.** Use a stiff brush or vacuum cleaner to remove accumulated dust and debris from the coil fins. A dirty condenser coil significantly reduces cooling efficiency and can lead to increased energy consumption and premature compressor failure.
- **Shelves:** Remove and clean the PVC-coated shelves as needed with warm, soapy water. Rinse and dry thoroughly before returning them to the freezer.

Annual Inspection

It is recommended to have a qualified refrigeration technician inspect the refrigerant levels, electrical connections, and overall system performance annually to ensure continued optimal operation.

TROUBLESHOOTING GUIDE

Before contacting service, please check the following common issues and their solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Freezer not running	No power to the unit; Power switch is off; Circuit breaker tripped; Loose power cord.	Check power cord connection; Ensure power switch is ON; Reset circuit breaker; Verify outlet functionality.
Temperature too high	Dirty condenser coil; Door not sealing properly; Excessive door openings; Thermostat set too high; Unit overloaded.	Clean condenser coil; Inspect and clean door gasket; Reduce frequency/duration of door openings; Adjust thermostat to a lower setting; Do not overload the freezer.
Excessive noise	Unit not level; Loose components (e.g., fan blades); Obstruction in fan area.	Level the unit using the castor wheels/leveling feet; Check for and tighten any loose parts; Clear any obstructions from the fan.
Water on floor	Clogged drain line; Excessive humidity in the room; Door left ajar.	Clear any blockages in the drain line; Ensure proper room ventilation; Confirm door is fully closed and sealed.

TECHNICAL SPECIFICATIONS

General	
Model	XB-27F
Capacity	23 Cu.ft (651 Liters)
Dimensions (D x W x H)	32" x 29" x 82" (81.3 cm x 73.7 cm x 208.3 cm)
Net Weight	290 lbs (131.5 kg)
Exterior Finish	Stainless Steel
Interior Finish	Stainless Steel
Number of Doors	1
Number of Shelves	4 (PVC Coated)
Installation Type	Freestanding
Certifications	NSF, ETL
Electrical & Refrigeration	
Voltage/Frequency	115V/60Hz
Wattage	473 Watts
Total Input Power	750W
Total Current	9.5A
Energy Consumption	4.50 kW.h/24h
Refrigerant	R290
Defrost Type	Automatic

General	
Temperature Range	-22°C to -18°C (-8°F to 0°F)
Insulation Blowing Gas	C-pentane



Image: Overview of key features, technical specifications, and dimensional drawings for the Cooler Depot Commercial Freezer.



Image: Detailed electrical specifications including voltage, wattage, current, energy consumption, and ETL/Intertek certifications.

WARRANTY AND SUPPORT

Cooler Depot provides comprehensive warranty coverage for this commercial freezer:

- **All Parts:** 3 Years Warranty
- **Compressor:** 6 Years Warranty
- **Labor:** 1 Month Labor Warranty

For warranty claims or technical support, please contact Cooler Depot customer service. Ensure you have your model number (XB-27F) and proof of purchase information available when contacting support.

Return Policy Note: If returning the item, please retain the original pallet. Returns cannot be processed unless the product is securely bound to the pallet for safe transport.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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