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Kool-It KBSR-1

Kool-It KTSF-1 Stainless Steel Single Door Freezer User Manual

Model: KBSR-1

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Kool-It KTSF-1 Stainless Steel Single Door Freezer. Please read this manual thoroughly before operating the unit and retain it for future reference.

The Kool-It KTSF-1 is a commercial-grade single door freezer featuring a top-mount compressor, designed for durability and efficiency in demanding kitchen environments. It boasts a stainless steel interior and exterior, digital temperature control, and energy-efficient features.

PRODUCT FEATURES

- Durable stainless steel interior and exterior construction.
- Digital temperature display for precise control.
- Incandescent interior lighting for clear visibility.
- Integrated door lock with key for security.
- Simple plug-in installation.
- Field reversible door for flexible placement.
- Self-closing door with a convenient stay-open feature.
- Magnetic vinyl gasket ensures a tight seal.
- Open door alert system activates after 5 minutes.
- Foamed-in-place high-density polyurethane insulated body, CFC-free.
- Large evaporator and condenser for rapid cooling and enhanced efficiency.
- Bottom-mount compressor design for energy savings and ease of service.
- Equipped with 4-inch swivel castors, including 2 front brakes for mobility and stability.
- Easy-grip handle.
- Entirely self-contained refrigeration system.
- Automatic defrost system.
- Accommodates full-size bun sheet pans.
- Easily adjustable shelf height with 3 height-adjustable, heavy-duty, PE coated wire shelves.

- Internal storage capacity of 20.5 cubic feet.

SETUP AND INSTALLATION

Before initial use, ensure the freezer is placed on a level, stable surface. The unit is designed for simple plug-in installation. Allow adequate clearance around the unit for proper ventilation.

Unpacking and Placement:

- Carefully remove all packaging materials.
- Position the freezer using its 4-inch swivel castors. Engage the 2 front brakes once in the desired location to prevent movement.
- Ensure the unit is not exposed to direct sunlight or heat sources.
- Allow the unit to stand upright for at least 2 hours before plugging it in to allow refrigerants to settle.

Electrical Connection:

Connect the freezer to a dedicated 115 Volt, NEMA 5-15 plug compatible electrical outlet. Do not use extension cords or adapters.

Door Reversal (Optional):

The door is field reversible. Refer to the detailed diagram for instructions on changing the door swing direction if required for your setup.



Figure 1: Front view of the Kool-It KTSF-1 Stainless Steel Single Door Freezer, showing its sleek design, digital control panel, and bottom castors.

OPERATING INSTRUCTIONS

Powering On:

Once plugged in, the unit will automatically begin cooling. The digital temperature display will show the current internal

temperature.

Temperature Control:

The freezer features a digitally controlled temperature system. The holding temperature range for the freezer is 5°F to -9.4°F (-15°C to -23°C). Consult the digital control panel for specific temperature adjustment procedures.

Door Features:

- **Self-Closing Door:** The door is designed to self-close to maintain internal temperature.
- **Stay-Open Feature:** The door can be held open for loading/unloading.
- **Open Door Alert:** An audible alert will sound if the door remains open for 5 minutes, helping to prevent energy waste and temperature fluctuations.
- **Door Lock:** Use the provided key to secure the contents of the freezer.

Shelving:

The three heavy-duty, PE coated wire shelves are easily adjustable to accommodate various product sizes, including full-size bun sheet pans.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Kool-It freezer.

Cleaning:

- **Interior:** Clean the stainless steel interior regularly with a mild detergent and warm water. Rinse thoroughly and dry.
- **Exterior:** Wipe down the stainless steel exterior with a soft cloth and a non-abrasive cleaner.
- **Gaskets:** Inspect and clean door gaskets regularly to ensure a tight seal. Replace if damaged.

Defrost System:

The unit features an automatic defrost system, minimizing the need for manual defrosting. However, ensure the drain pan is clear and functioning correctly.

Condenser Coil:

The bottom-mount compressor design allows for easier service. Periodically clean the condenser coil to ensure efficient operation and energy savings. Refer to a qualified technician for detailed cleaning procedures if unsure.

TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here or if issues persist, contact qualified service personnel.

Problem	Possible Cause	Solution
Unit not cooling	No power; thermostat set too high; condenser coil dirty; door not sealing properly.	Check power supply; adjust thermostat; clean condenser coil; inspect and clean door gasket.
Excessive noise	Unit not level; fan motor issue; loose components.	Ensure unit is level; contact service technician.

Problem	Possible Cause	Solution
Door alert beeping frequently	Door left ajar; gasket issues; obstruction.	Ensure door is fully closed; check gasket for damage; remove any obstructions.

SPECIFICATIONS

Attribute	Detail
Model Number	KBSR-1
Product Dimensions	31 x 26.8 x 81.8 inches (Length x Width x Height)
Weight	328 Pounds
Internal Storage Capacity	20.5 cubic feet
Brand	Kool-It
Manufacturer	MVP Group
Door Material Type	Stainless Steel
Door Orientation	Reversible
Voltage	115 Volts
Installation Type	Freestanding
Compressor	1/2 HP
Holding Temperature (Freezer)	5°F to -9.4°F (-15°C to -23°C)
Plug Type	NEMA 5-15

WARRANTY AND SUPPORT

The Kool-It KTSF-1 freezer is certified with ETL and Energy Star, guaranteeing adherence to quality standards and energy efficiency. For specific warranty details and technical support, please refer to the documentation provided with your purchase or contact Kool-It customer service. Information regarding customer support is typically available through your point of purchase or the manufacturer's official website.

For service inquiries, please have your model number (KBSR-1) and serial number ready.