



COMMERCIAL REACH-IN REFRIGERATORS AND FREEZERS



Refrigerator Models: SCRR230 and SCRR490

Freezer Models: SCFF235 and SCFF495

USER'S MANUAL

***Please read this manual thoroughly prior to equipment set-up,
operation and maintenance.***

Write Serial No. (on back of unit) here:

**FELIX STORCH, INC.
Summit Appliance Division
770 Garrison Avenue
Bronx, New York 10474
www.summitappliance.com**

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APPLIANCE SAFETY

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the Safety Alert Symbol. The symbol alerts you to potential hazards that can kill or injure you and others. Safety messages will follow the Safety Alert Symbol and either the word "DANGER" or "WARNING".



DANGER means that failure to heed this safety statement may result in severe personal injury or death.



WARNING means that failure to heed this safety statement may result in extensive product damage, serious personal injury, or death.

All safety messages will alert you about the potential hazard, tell you how to reduce the chance of injury, and let you know what can happen if the instructions are not followed.

IMPORTANT SAFEGUARDS



Before the appliance is used, it must be properly positioned and installed as described in this manual, so read the manual carefully. To reduce the risk of fire, electrical shock or injury when using the appliance, follow basic precautions, including the following:



- Plug into a grounded 3-prong outlet, do not remove grounding prong, do not use an adapter, and do not use an extension cord.
- Replace all panels before operating.
- It is recommended that a separate circuit serving only your appliance be provided. Use receptacles that cannot be turned off by a switch or pull chain.
- Never clean appliance parts with flammable fluids. These fumes can create a fire hazard or explosion. And do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. The fumes can create a fire hazard or explosion.
- Before proceeding with cleaning and maintenance operations, make sure the power line of the unit is disconnected.
- Do not connect or disconnect the electric plug when your hands are wet.
- Unplug the appliance or disconnect power before cleaning or servicing. Failure to do so can result in electrical shock or death.
- Do not attempt to repair or replace any part of your appliance unless it is specifically recommended in this manual. All other servicing should be referred to a qualified technician.



FOLLOW WARNING CALLOUTS BELOW ONLY WHEN APPLICABLE TO YOUR MODEL

- Use two or more people to move and install the appliance. Failure to do so can result in back or other injury.
- To ensure proper ventilation for your appliance, the front of the unit must be completely unobstructed. Choose a well-ventilated area with temperatures above 60°F (16°C) and below 90°F (32°C). This unit must be installed in an area protected from the elements, such as wind, rain, water spray or drips.
- The appliance should not be located next to ovens, grills or other sources of high heat.
- The appliance must be installed with all electrical, water and drain connections in accordance with state and local codes. A standard electrical supply (115 V AC only, 60 Hz), properly

grounded in accordance with the National Electrical Code and local codes and ordinances, is required.

- Do not kink or pinch the power supply cord of the appliance.
- The size of the fuse (or circuit breaker) should be 15 amperes.
- It is important that the appliance be leveled in order to work properly. You may need to make several adjustments to level it.
- All installations must be in accordance with local plumbing code requirements.
- Make certain that the pipes are not pinched, kinked or damaged during installation.
- Check for leaks after connection.
- Never allow children to operate, play with or crawl inside the appliance.
- Do not use solvent-based cleaning agents or abrasives on the interior. These cleaners may damage or discolor the interior.
- Use this appliance only for its intended purpose as described in this *User's Manual*.
- Keep fingers out of the "pinch point" areas. Clearances between the doors and between the doors and cabinet are necessarily small. Be careful closing doors when children are in the area.



Risk of child entrapment!

Child entrapment and suffocation are not problems of the past. Junked or abandoned appliances are still dangerous, even if they will "just sit in the garage a few days".

Before discarding your old refrigerator:

- *Take off the doors.*
- *Leave the shelves in place so that children may not easily climb inside.*

- SAVE THESE INSTRUCTIONS -

TECHNICAL INFORMATION

Model	SCRR230	SCRR490	SCFF235	SCFF495
Description	1-door refrigerator	2-door refrigerator	1-door freezer	2-door freezer
Temperature Range	32 to 50°F (0 to 10°C)	32 to 50°F (0 to 10°C)	-8 to 0°F (-22 to -18°C)	-8 to 0°F (-22 to -18°C)
Unit Dimensions	29"W x 32.2"D x 82.5"H	54"W x 32.2"D x 82.5"H	29"W x 32.2"D x 82.5"H	54"W x 32.2"D x 82.5"H
Capacity	23 ft ³	46.6 ft ³	23 ft ³	46.6 ft ³
Unit Weight	282 lbs	447 lbs	282 lbs	447 lbs
Door/Housing/ Liner Material	304 stainless steel	304 stainless steel	304 stainless steel	304 stainless steel
Self-Closing Door(s)	Yes	Yes	Yes	Yes
No. of shelves	3	6	3	6
Shelf Material	Plastic-coated steel	Plastic-coated steel	Plastic-coated steel	Plastic-coated steel
Shelf Loading	176 lbs/shelf	176 lbs/shelf	176 lbs/shelf	176 lbs/shelf
Interior Lighting	Yes	Yes	Yes	Yes
Temperature Display	Yes	Yes	Yes	Yes
Type of Controller	Digital	Digital	Digital	Digital
Electrical Rating	115V AC, 60Hz	115V AC, 60Hz	115V AC, 60Hz	115V AC, 60Hz
Connection Rating	3.76A / 720W	3.36A / 643W	6.45A / 1234W	10.25A / 1962W
Compressor Power	590W	495W	590W	854W
Defrost	Automatic	Automatic	Automatic	Automatic
Refrigerant	R134a	R134a	R404a	R404a
Casters	Yes	Yes	Yes	Yes
ETL Compliance	Yes	Yes	Yes	Yes

INSTALLATION

IMPORTANT! PLEASE READ BEFORE INSTALLATION

- If the unit has recently been transported, let it stand upright for a minimum of 24 hours before plugging it in.
- Be sure there is proper ventilation around the unit in the area where it will operate.
- Make sure all accessories are installed (i.e. shelves, shelf clips, casters) before plugging the unit in.
- Be sure the unit has dropped down to desired temperature before loading it with product.
- Please read through the manual in its entirety.

Cabinet Location Guidelines:

- **Install the unit on a strong and level surface.**
 - Unit may make unpleasant noises if surface is uneven.
 - Unit may malfunction if surface is uneven.
- **Install the unit in a well-ventilated indoor area.**
 - Unit performs more efficiently in a well-ventilated area.
 - For best performance, maintain a clearance of 4" at the back of the unit.
 - Outdoor use may cause decreased efficiency and damage to the unit.
- **Avoid installation in a high humidity and/or dusty area.**
 - Humidity could cause unit to rust and experience decreased efficiency.
 - Dust collected on the condenser coil will cause the unit to malfunction.
Clean the condenser at least once a month with a brush or clean cloth.
- **Select a location away from heat and moisture-generating equipment.**
 - High ambient temperatures will cause the compressor to overwork, leading to higher energy bills and gradual breakdown of the unit.

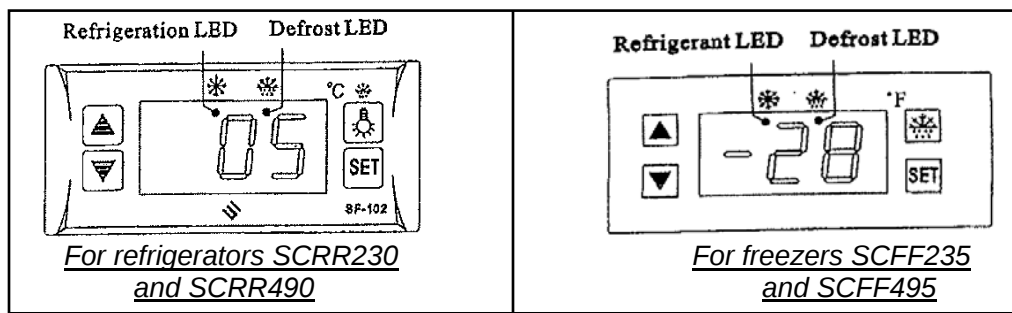
Electrical Connection:

- Be sure the required compressor voltage is being supplied at all times. Low or high voltage can detrimentally affect the refrigeration unit.
- All units should be plugged into a grounded and properly-sized electrical outlet with appropriate overcurrent protection. Refer to the electrical requirements on the nameplate.
- Be sure the unit has its own dedicated outlet.
- Do not use an extension cord.

OPERATION

- When loading the unit, be careful not to block the air duct located at the back and the fan on the ceiling of the unit. Blocking the air flow may reduce the performance of the unit.
For the best performance, maintain at least 4 inches of clearance between the contents and the air duct.
- Set the shelves that come with the unit to fit your needs.
- Do not leave the unit door open for long periods of time. For the most efficient operation, close the door immediately after use.

Temperature Controller:



The digital temperature controller is located on the front of the unit, above the door. It displays the temperature inside the unit and allows you to set the desired temperature; it also controls the defrost function.

To set the desired temperature:

1. Press the SET button. The set temperature will be displayed.
2. Press the ▲ or ▼ button to modify and store the displayed value.
3. Press SET to exit the adjustment. If no button is pressed within 10 seconds, the cabinet temperature will be displayed.

Refrigerator Light:

Press the  button to turn the light in the refrigerator on and off.

Defrosting:

Defrosting is automatic, but the process can be induced manually by pressing the  button for refrigerator models (press the  button for freezers) and holding it for 6 seconds. Repeat this process to stop defrosting.

LEDs:

The Refrigerant LED is lit during refrigeration (compressor is operating), and will be off when the cabinet temperature matches the set temperature.

The Defrost LED will be lit during defrosting, and will be off when defrosting stops.

CLEANING AND MAINTENANCE



WARNING

Disconnect power cord before cleaning any parts of the unit.

Cleaning the Exterior of the Unit:

Clean the outside of the unit with an approved stainless steel cleaning product. Do not use steel wool or a steel brush on stainless steel.

Cleaning the Interior of the Unit:

- When cleaning cabinet interior, use a solution of warm water and mild soap.
- Do not use steel wool, caustic soap, abrasive cleaners, or bleach that may damage the stainless steel surface.
- Wash door gaskets on a regular basis, preferably weekly. Simply remove door gasket from the frame of the door, soak in warm water and soap for thirty (30) minutes, dry with a soft cloth, and replace.
- Check door gaskets for proper seal after they are replaced.
- Periodically remove the shelves and vertical supports from the unit and clean them with mild soap and warm water. To remove the supports, first remove the shelves and shelf brackets. Then, simply lift each support up and out.

Cleaning the Condenser Coil:

- For efficient operation, it is important that the condenser surface be kept free of dust, dirt, and lint.
- We recommend cleaning the condenser coil and fins at least once a month.
- Clean with a commercial condenser coil cleaner, available from any kitchen equipment retailer. Brush the condenser fins from top to bottom, not side to side.
- After cleaning, straighten any bent condenser fins with a fin comb.

Cleaning the Fan Blades and Motor:

If necessary, clean the fan blades and motor with a soft cloth. If it is necessary to wash the fan blades, cover the fan motor to prevent moisture damage.

SAFETY WARNINGS

Pay close attention to the safety notices in this section. Disregarding these notices may lead to serious injury and/or damage to the unit.

Unplugging the Cord:

- To minimize shock and fire hazards, do not plug or unplug the cord with wet hands.
- Before performing maintenance or cleaning, be sure to unplug the unit.
- After unplugging the unit, wait at least 10 minutes before re-plugging it. Failure to do so could cause damage to the compressor.
- If the unit will not be in use for a long period of time, unplug it from the outlet.

Attention:

- To minimize shock and fire hazards, do not overload the electrical outlet. Designate one outlet for your unit.
- Do not use extension cords.
- Do not put your hands under the unit when the unit must be moved.
- To minimize shock and fire hazards, make sure the unit is properly grounded.

WARNING

- Do not attempt to remove or repair any component unless instructed by the manufacturer.
- Make sure the unit is not resting on or against the electrical cord or plug.
- To minimize personal injury, do not hang on the doors.
- Do not store any flammable or explosive gases or liquids inside the unit.
- Do not attempt to alter or tamper with the electrical cord.

TROUBLESHOOTING

Before requesting service on your unit, please check the following points. Note that this guide serves only as a reference for solutions to common problems.

Symptom	Possible Cause	Corrective Action
Compressor not running	Fuse blown or circuit breaker tripped Power cord unplugged Thermostat set too high Cabinet in defrost cycle	Replace fuse or reset circuit breaker. Plug in power cord. Set thermostat to lower temperature. Wait for defrost cycle to finish.
Condensing unit runs for long periods of time	Excessive amount of warm product placed in cabinet Prolonged door opening or door ajar Door gasket(s) not sealing properly Dirty condenser coil Evaporator coil iced over	Allow adequate time for product to cool down. Be sure doors are closed when not in use. Avoid opening doors for long periods of time. Be sure gaskets are snapped in completely. Remove gasket and wash with soap and water. Check condition of gasket and replace if necessary. Be sure door gasket(s) are sealing properly. Clean the condenser coil. Unplug unit and allow coil to defrost. Make sure thermostat is not set too cold.
Cabinet temperature is too warm	Thermostat set too warm Air flow is blocked Excessive amount of warm product placed in cabinet Fuse blown or circuit breaker tripped Dirty condenser coil Prolonged door opening or door ajar Evaporator coil iced over	Set thermostat to lower temperature. Re-arrange product to allow for proper air flow. Make sure there are at least four inches of clearance from evaporator. Allow adequate time for product to cool down. Replace fuse or reset circuit breaker. Clean the condenser coil. Be sure doors are closed when not in use. Avoid opening doors for long periods of time (see above).
Cabinet is noisy	Loose part(s) Tubing vibration	Locate and tighten loose part(s). Be sure tubing is free from contact with other tubing or components.

LIMITED WARRANTY

ONE-YEAR LIMITED WARRANTY

Within the 48 contiguous United States, for one year from the date of purchase, when this appliance is operated and maintained according to instructions attached to or furnished with the product, warrantor will pay for factory-specified parts and repair labor to correct defects in materials or workmanship. Service must be provided by a designated service company. Outside the 48 states, all parts are warranted for one year from manufacturing defects. Plastic parts, shelves and cabinets are warranted to be manufactured to commercially acceptable standards, and are not covered from damage during handling or breakage.

5-YEAR COMPRESSOR WARRANTY

1. The compressor is covered for 5 years.
2. Replacement does not include labor.

ITEMS WARRANTOR WILL NOT PAY FOR:

1. Service calls to correct the installation of your appliance, to instruct you how to use your appliance, to replace or repair fuses or to correct wiring or plumbing.
2. Service calls to repair or replace appliance light bulbs or broken shelves. Consumable parts (such as filters) are excluded from warranty coverage.
3. Damage resulting from accident, alteration, misuse, abuse, fire, flood, acts of God, improper installation, installation not in accordance with electrical or plumbing codes, or use of products not approved by warrantor.
4. Replacement parts or repair labor costs for units operated outside the United States.
5. Repairs to parts or systems resulting from unauthorized modifications made to the appliance.
6. Expenses for travel and transportation for product service in remote locations.
7. The removal and reinstallation of your appliance if it is installed in an inaccessible location or is not installed in accordance with published installation instructions.

DISCLAIMER OF IMPLIED WARRANTIES; LIMITATION OF REMEDIES

CUSTOMER'S SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE PRODUCT REPAIR AS PROVIDED HEREIN. IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR. WARRANTOR SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATIONS ON THE DURATION OF IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS, SO THESE EXCLUSIONS OR LIMITATIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.

WARNING! This product may contain chemicals known to the state of California to cause cancer or birth defects or other reproductive harm. For more information, visit: www.summitappliance.com/prop65
Chemicals known by the manufacturer to be present in this product in concentrations higher than threshold limits: NONE.

FELIX STORCH, INC.
770 Garrison Avenue
Bronx, NY 10474
Phone: (718) 893-3900
Fax: (718) 842-3093
www.summitappliance.com



For parts and accessory ordering,
troubleshooting and helpful hints, visit:
www.summitappliance.com/support