



# COMMERCIAL DISPLAY FREEZER

Model SCFU1510



## USER'S MANUAL

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

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

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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:

### DANGER

- 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.

### WARNING

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 Number:	SCFU1510
Installation:	Free-standing
Electrical Rating:	115V AC/ 60Hz
Rated Current:	10.5A
Power Input:	980W
Net Volume:	12¼ cubic feet
Unit Dimensions:	26"W x 25.6"D x 80.3"H
Net Weight:	242 lbs
Temperature Range:	-7°F to 10°F (-22°C to -12°C)
Door:	Double pane thermal glass with aluminum frame, self closing
Refrigerant:	R404a (14.8 oz.)
High Side Pressure:	350 psi
Low Side Pressure:	180 psi
Defrost:	Automatic
Number of Shelves:	4
Shelf Loading Capacity:	132 lbs/shelf

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## INSTALLATION

- √ *This appliance is meant for free-standing installation; it should not be built-in.*
- √ *Do not put heavy items on top of the unit.*
- √ *This appliance is designed for the storage and display of frozen items  
Do not use it to store medicine or other medical products.*

### Locating the Unit:

- The refrigeration system operates most efficiently when installed in an area with cool, dry air circulation.
- Leave at least 6 inches of clearance on both sides and the back of the cabinet.
- Select a location away from heat- and moisture-generating equipment such as stoves, radiators, etc.
- Choose a location where the appliance will not be exposed to direct sunlight.
- Be sure that the floor where you intend to install the unit is strong and level enough to support the total weight of the unit and its contents.
- To minimize shock and fire hazards, be sure the unit is properly grounded. For your safety and protection, all units are equipped with a special three-prong grounding plug on the service cord.

- This appliance is designed for indoor use. Outdoor use may cause significant damage to the unit.

### **Electrical Connection:**

<p style="text-align: center;"> <b>WARNING</b></p> <p>Improper use of the grounded plug can result in the risk of electrical shock. If the power cord is damaged, have it replaced by a qualified electrician or an authorized service center.</p> <p>Never ground the unit through a gas pipe, tap water pipe or the grounded wire of a single-phase power supply.</p>
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This appliance should be properly grounded for your safety. The power cord of this appliance is equipped with a three-prong plug which mates with standard three-prong wall outlets to minimize the possibility of electrical shock.

Do not under any circumstances cut or remove the third (ground) prong from the power cord supplied. For personal safety, this appliance must be properly grounded.

This appliance requires a standard 115/120 Volt AC ~ 60Hz three-prong grounded electrical outlet. Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded. When a standard 2-prong wall outlet is encountered, it is your responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet.

To prevent accidental injury, the cord should be secured behind the appliance and not left exposed or dangling.

The appliance should always be plugged into an exclusive, properly grounded wall outlet which has a voltage rating that matches the rating label on the appliance. This provides the best performance and also prevents overloading house wiring circuits that could cause a fire hazard from overheating. Never unplug the appliance by pulling on the power cord. Always grip the plug firmly and pull straight out from the receptacle. Repair or replace immediately all power cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either end. When moving the appliance, be careful not to damage the power cord.

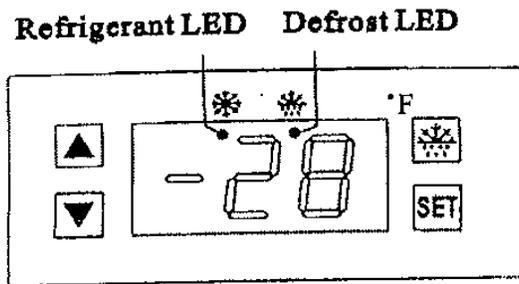
### **Extension Cord:**

Because of potential safety hazards under certain conditions, it is strongly recommended that you do not use an extension cord with this appliance. However, if you must use an extension cord it is absolutely necessary that it be a UL/CUL-Listed, 3-wire grounding type appliance extension cord having a grounding type plug and outlet and that the electrical rating of the cord be 115 volts and at least 10 amperes.

# 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, below 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.

## Defrosting:

Defrosting is automatic, but the process can be induced manually by pressing the  button 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.

# CARE AND MAINTENANCE

## Cleaning Your Appliance:

- Turn off the power, unplug the appliance, and remove all items, including shelves.
- Wash the inside surfaces with a solution of warm water and baking soda (about 2 tablespoons of baking soda to a quart of water).
- Wash the shelves with a mild detergent solution.
- Wring excess water out of the sponge or cloth when cleaning the area where the controls are located, or any electrical parts.
- Wash the outside cabinet with warm water and mild liquid detergent. Rinse well and wipe dry with a clean soft cloth. Do not get the electrical controls below the logo panel wet.
- Do not use steel wool or a steel brush on the aluminum door frame.
- Wipe off the condenser (on the back of the unit) regularly to keep it well ventilated.
- Keep the door gasket clean. The gasket can be removed and then remounted after cleaning. Putting a little talcum powder on the magnetic surface of the gasket will prolong its service life.

### *CAUTION:*

*Failure to unplug the appliance during cleaning could result in electrical shock or other personal injury.*

## Bulb Replacement

When the fluorescent bulb lighting the cabinet interior must be replaced, you can purchase one directly from SUMMIT by calling us at **1-800-932-4267** or by going to our website at **[www.summitappliance.com/support](http://www.summitappliance.com/support)**. Have the model number, SCFU1510, handy. Remember to disconnect the unit from its power source before attempting to change the bulb.

## Power Failure

Most power failures are corrected within a few hours and should not affect the temperature of your appliance if you minimize the number of times the door is opened. If the power is going to be off for a longer period of time, you need to take the proper steps to protect the contents.

## Vacation Time

- **Short vacations:** Leave the appliance operating during vacations of less than three weeks.
- **Long vacations:** If the appliance will not be used for several months, remove all items and turn off the appliance. Clean and dry the interior thoroughly. To prevent odor and mold growth, leave the door open slightly, blocking it open if necessary.

### **Moving Your Appliance**

1. Remove all items from the shelves.
2. Securely tape down all loose items (shelves) inside your appliance.
3. Tape the door shut.
4. Be sure the appliance stays secure in the upright position during transportation. Also, protect the outside of the appliance with a blanket or similar covering.

### **Power Cord**

If the power cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid an electrical hazard.

### **Energy Saving Tips**

- The appliance should be located in the coolest area of the room, away from heat producing appliances and out of direct sunlight.
  - Ensure that the unit is adequately ventilated. Never cover air vents.
  - Do not keep the door open any longer than necessary.
- 

## **PRECAUTIONS**

- To minimize shock and fire hazards, be sure not to overload the electrical outlet.
- To minimize electric shock and malfunction, do not spray the unit with water.
- To minimize fire hazards, do not use flammable spray products near the unit.
- After unplugging the unit, wait at least 6 minutes before re-plugging it. Compressor failure could result if the unit is plugged in before the 6-minute waiting period has elapsed.
- Cautions for cleaning:
  - √ Unplug the power cord before cleaning.
  - √ Do not unplug/plug the power cord with wet hands.
  - √ Do not use abrasive cleaners, solvents or polishing agents on plastic parts. Doing so might cause cracking or discoloring.
- When the unit is not in use:
  - √ Unplug the power cord.
  - √ Wipe inside with dry cloth, and you may leave the door slightly open to eliminate moisture and odor.

## TROUBLESHOOTING

<b>Symptoms</b>	<b>Remedies</b>
Compressor will not start	<ul style="list-style-type: none"> <li>• Check if the power cord has been plugged in.</li> <li>• Check for blown fuse.</li> </ul>
Poor performance	<ul style="list-style-type: none"> <li>• Move the unit from direct sunlight, and avoid installing heating devices near the unit.</li> <li>• Install the unit in a well-ventilated place with a minimum of 6" clearance at the back.</li> <li>• Check the condenser, and clean if heavy dust has collected.</li> <li>• Check to see if contents are blocking the air duct.</li> <li>• Check the temperature controller for possible incorrect temperature setting.</li> <li>• Check to see if refrigerant charge is low.</li> <li>• Make sure the door is completely closed.</li> </ul>
No interior light	<ul style="list-style-type: none"> <li>• Turn off the light switch and turn it on again.</li> <li>• Make sure the bulb is correctly inserted into the socket.</li> <li>• Check the bulb, and replace if blown.</li> </ul>
Unit is noisy	<ul style="list-style-type: none"> <li>• Make sure unit is installed on a level surface.</li> <li>• Make sure to maintain the minimum clearance of 6" from the wall.</li> <li>• Check for loose parts or mounting.</li> <li>• Make sure the tubing is free from any contact to avoid rattling.</li> </ul>
Condensation on cabinet and/or floor	<ul style="list-style-type: none"> <li>• Reduce the relative humidity in the area where the unit is installed.</li> <li>• Gasket on door or head section is not sealing properly. Repair or replace gasket as necessary.</li> </ul>

# 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.

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For parts and accessory ordering,  
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