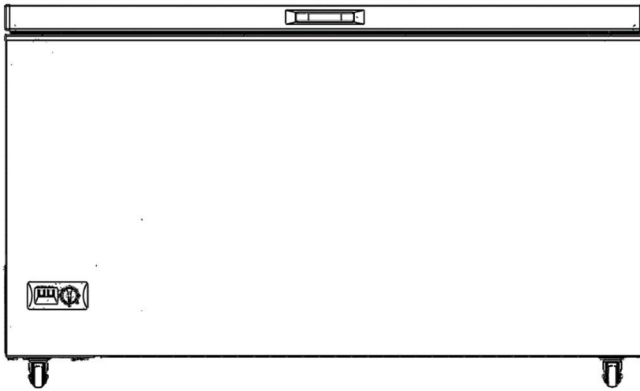




# OWNER'S MANUAL



## AC Chest Freezer

**Model Number:** \_\_\_\_\_  
Located on left end of freezer.

**Serial Number:** \_\_\_\_\_  
Located on left end of freezer.

**Purchase Date:** \_\_\_\_\_

**RECORD THE MODEL, SERIAL NUMBER, AND PURCHASE DATE OF YOUR APPLIANCE FOR FUTURE REFERENCE**

**Note:** Read and properly keep this manual before operating appliance and for future reference.

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## PRODUCT REGISTRATION

### Read and Save These Instructions

This owners manual provides specific operational instructions for your model. Use your appliance only as instructed in this guide. These instructions are not meant to cover every possible condition and situation that may occur. Common sense and caution must be practiced when installing, operating, and maintaining any appliance.

### Register Your Product

The self-addressed *production registration card* (back cover) should be filled in completely, signed and returned to the address provided.

## IMPORTANT SAFETY INSTRUCTIONS



**CAUTION** indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

**DANGER** indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

**WARNING** indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



**IMPORTANT** indicates installation, operation, or maintenance information which is important but not hazard related.

# IMPORTANT SAFETY INSTRUCTIONS (CONT.)

## WARNING

### Proper Disposal of Your Appliance

#### 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 sit for “just a few days.” If you are getting rid of your old appliance, please follow the instructions below to help prevent accidents.

We strongly encourage responsible appliance recycling/disposal methods. Check with your local landfill or recycling center for more information on recycling your old appliance.

#### Before you throw away your old appliance:

- Remove lid.
- Have the refrigerant removed by a qualified service technician.

## WARNING

Avoid fire hazard or electric shock. Do not use an extension cord or an adapter plug. Do not remove any prong from power cord.

## WARNING

### For Your Safety

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this unit or any other appliance.
- Read product labels for flammability and other warnings.
- Do not operate the unit in the presence of explosive fumes.
- Remove and discard any spacers used to secure the internal features during shipping. Small objects are a choke hazard to children.
- Remove all staples from the carton. Staples can cause severe cuts, and also destroy finishes if they come in contact with other appliances or furniture.

## WARNING

Turning the temperature control to OFF turns off the compressor, but does not disconnect power to other electrical components.

## WARNING

### Electrical Information

These guidelines must be followed to ensure that safety mechanisms in the design of this freezer will operate properly.

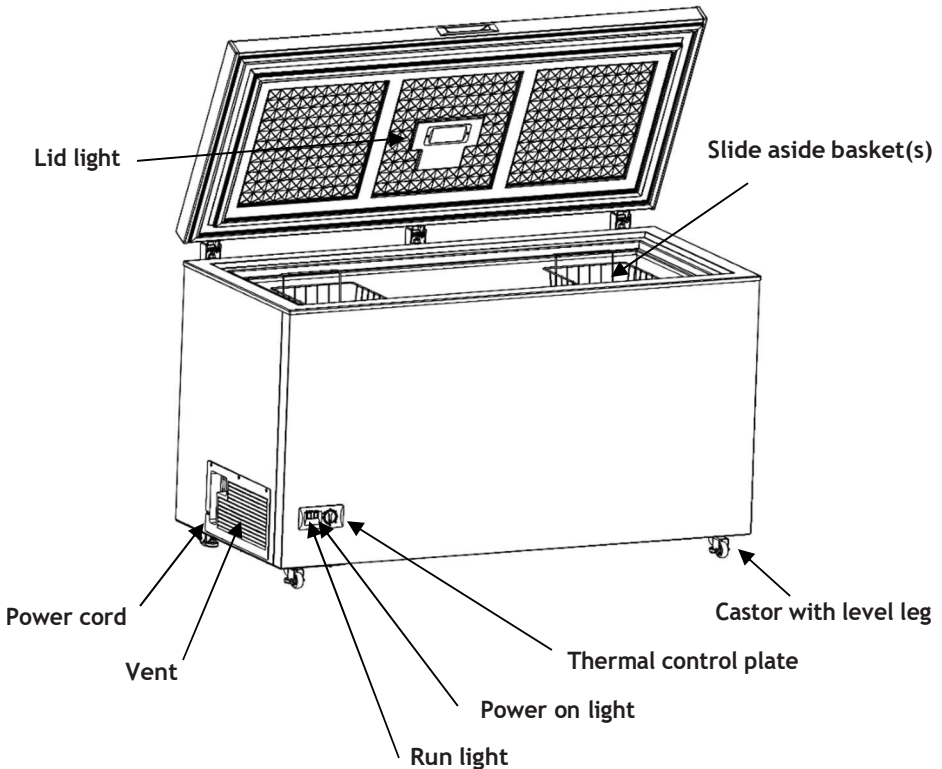
- Refer to the serial plate for correct electrical rating. The power cord of the freezer is equipped with a three prong grounding plug for your protection against electrical shock hazards. It must be plugged directly into a properly grounded three-prong receptacle, protected with a 15-amp time delay fuse or circuit breaker. The receptacle must be installed in accordance with the local codes and ordinances. Consult a qualified electrician. Receptacles protected by Ground Fault Circuit interrupters (GFCI) are NOT RECOMMENDED. Do not use an extension cord or ungrounded (two prong) adapter. If the power cord is damaged, it should be replaced by an authorized service technician to prevent any risk. Never disconnect and connect the appliance in less than 5 minutes intervals.
- Never unplug the freezer by pulling on the power cord. Always grip the plug firmly and pull straight out from the receptacle to prevent damaging the power cord.
- Unplug the freezer before cleaning and before defrosting to avoid electrical shock.
- If voltage varies by 10% or more, freezer performance may be affected. Operating the unit with insufficient power can damage the motor. Such damage is not covered under the warranty. If you suspect your household voltage is high or low, consult your power company for testing.

**To prevent the freezer from being turned off accidentally, avoid the AC circuit from being on a light switch etc.**

- Do not pinch, knot, or bend power cord in any manner.

# FEATURES DIAGRAM

(Note: ST-15CF shown)



## FEATURES

### **Slide-aside Basket**

This basket helps organize odd-shaped items. To reach other packages in the freezer, slide the basket aside or lift out.

### **Power On Light**

The green Power On light indicates that the freezer is properly connected to electrical power.

The light glows even when the temperature control is turned to OFF.

### **Run Light**

This light comes on only while the compressor is running.

### **Castor with Level Leg**

This all-in-one castor with level leg is handy to stabilize and level the unit after the unit is installed

# INSTALLATION GUIDELINES

## Location

Select the coolest and out of direct sunlight areas when possible.

For the most efficient operation, the freezer should be located where surrounding temperatures stay between 20°F and 90°F.

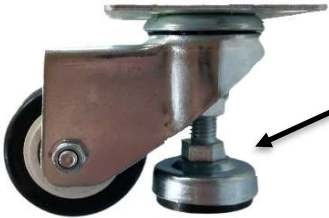
Allow space around the unit for good air circulation. Leave a 3 inch (75 mm) space on all sides of the unit for adequate circulation.

## ➔ IMPORTANT

Appliances exposed in direct sunlight through windows will increase power consumption significantly.

## Leveling

Use the leveling legs (located on the corners, front and rear) to ensure that all 4 corners of the freezer are resting firmly on a solid floor. Turn the leveling legs clockwise to retract the legs and counterclockwise to extend the legs. Ensure the floor is strong enough to support a fully loaded freezer.



## ➔ IMPORTANT

It is important for your freezer to be level in order to function properly. If the unit is not leveled during installation, the lid may be misaligned and not close or seal properly, causing cooling, frost, or moisture problems.

# ENERGY SAVING TIPS

The freezer should be located in the coolest area of the room, away from heat producing appliances or heating ducts, and out of direct sunlight.

Let hot foods cool to room temperature before placing in the unit. Overloading the freezer forces the compressor to run longer. Foods that freeze too slowly may lose quality or spoil.

Be sure to wrap foods properly and wipe containers dry before placing them in the unit. This cuts down on frost build-up inside the freezer.

Organize and label food to reduce lid openings and extended searches. Remove as many items as needed at one time, and close lid as soon as possible.

## ⚠ WARNING

If leaving freezer lid open while installing, make certain that children cannot get into the unit and become entrapped.

## ➔ IMPORTANT

Turn leveling leg down for final installation.

# STARTUP & TEMPERATURE REGULATIONS

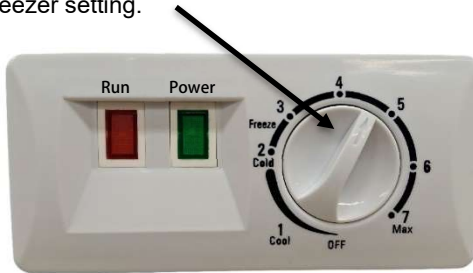
1. Unit must be allowed to set 2 hours before operating.
2. Startup
  - a. Turn or verify the control dial is at OFF position.
  - b. Plug the power cord into wall outlet or other approved power source,
  - c. Verify the "Power" light on the control plate is ON.
  - d. Turn the dial clockwise to desired temperature, and allow unit to operate for 2 full hours before loading food items.
  - e. It is not necessary to turn temperature dial to a colder setting while unfrozen food is being cooled down.
3. Temperature Regulations and Maintenance
  - a. After the unit has been loaded never turn the dial more than 1/4 of a number block on the dial setting in a 24 hour time period.



## IMPORTANT

Never disconnect and connect back power cord less than 3 minute intervals, doing so could result in compressor damage!

- b. When making temperature adjustments allow 24-48 hours to stabilize.
- c. Normal Freezer setting.



**View Spec Sheet for Major Technical Parameters**

# CARE AND CLEANING



## CAUTION

Damp objects stick to cold metal surfaces. Do not touch interior metal surfaces with wet or damp hands.

### Between Defrostings

To avoid frequent defrosting, occasionally use a plastic scraper to remove frost. Scrape with a pulling motion. Never use a metal instrument to remove frost.

### Defrosting

It is important to defrost and clean the freeze when approximately 1 inch of frost has accumulated.

Frost may tend to accumulate faster on the upper part of the unit due to warm, moist air entering the freezer when the door is opened.

Remove food and leave the lid open when defrosting the unit.

Once the frost is soft, remove it by using a Plastic scraper. Remove drain plug on floor of freezer and remove outside drain plug located on the lower left back of the freezer, place a shallow pan beneath the drain outlet to collect water. Check pan occasionally so water does not overflow. Replace the drain plugs once defrosting is completed.



## WARNING

Freezer must be unplugged (to avoid electrical hazard) from power source when cleaning or defrosting unit.

### Cleaning the Inside

After defrosting, wash inside surfaces of the freezer with a solution of 2 tablespoons (25 grams) of baking soda in 1 quart (1.136 liters) warm water. Rinse and dry.

Wash the removable parts with the baking soda solution mentioned above, or mild detergent and warm water. Rinse and dry. Reinsert parts and return food.



## IMPORTANT

Never use metallic scouring pads, brushes, abrasive cleaners, or alkaline solutions on any surface. Do not wash removable parts in a dishwasher.

### Cleaning the Outside

Wash the cabinet with warm water and mild liquid detergent. Rinse well and wipe dry with a clean soft cloth.

Wring excess water out of the sponge or cloth when cleaning in the area of the controls, or any electrical parts.

### Power/Freezer Failure

If a power failure occurs; frozen foods will stay frozen for at least 24-48 hours, if the lid is kept closed. If power failure continues, consider packing 5-10 pounds of dry ice inside every 24 hours. Always wear gloves and use caution when handling dry ice.

### Long Vacations

If the freezer will not be used for several months or extended amounts of time, remove all contents such as empty jars etc. Clean and wipe dry the interior thoroughly. To prevent odor and mold growth place a 1-inch spacer to block the lid open.

# FAQ'S AND TROUBLESHOOTING —BEFORE YOU CALL

Before calling for service, review this list. It may save you time and expense. This list includes FAQs and common occurrences that are not the result of defective workmanship or materials in this appliance.

Problem	Cause	Solution
<b>Freezer does not run</b>	Freezer is connected to a circuit that has insufficient power when attempting to start.	Use another circuit, If you are unsure about the outlet, have it checked by a qualified electrician.
	Temperature Control is in the OFF position.	See <b>Startup &amp; Temperature Regulations</b> .
	Freezer may not be plugged in or the plug may be loose.	Ensure the plug is tightly pushed into outlet, or have the plug replaced.
	Fuse blown or tripped circuit breaker.	Check/replace fuse with a 15-amp timed delay fuse. Reset circuit breaker.
	Power outage.	Check house lights. Call a qualified electrician.
<b>Freezer runs too much or too long</b>	Room or outside weather is hot.	It's normal for the freezer to work longer under these conditions.
	Freezer has recently been disconnected for an extended period of time.	It takes 4 hours for the freezer to cool down completely.
	Large amounts of warm or hot food have been stored recently.	Warm food will cause freezer to run more until the desired temperature is reached.
	Lid is opened too frequently or too long.	Warm air entering the freezer causes it to run more. Open door less often.
	Lid may be slightly open.	Ensure door is tightly closed.
	Temperature control is set too cold.	Turn temperature control knob to a warmer setting. Allow several hours for the temperature to stabilize.
	Thick layer of snow/ice buildup on the inside.	Defrost the unit.
<b>Interior temperature is too cold</b>	The temperature is set too cold.	Turn temperature control knob to a warmer setting. Allow several hours for the temperature to stabilize.
<b>Interior temperature is too warm</b>	Temperature Control is set too warm.	Turn temperature control knob to a colder setting. Allow 1-2 days for the temperature to stabilize.
	Lid is kept open too long or is opened too frequently.	Warm air enters the freezer when the lid is opened. Open the lid less often.
	Lid may not be seating properly.	See the "Important" notices in the <b>Installation Guidelines</b> .
	Large amounts of warm or hot food may have been stored recently.	Wait until the freezer has had a chance to reach its selected temperature.
	Freezer has recently been disconnected for a period of time.	Freezer requires 4 hours to cool down completely when empty.



## FAQ'S AND TROUBLESHOOTING —BEFORE YOU CALL (CONT.)

Problem	Cause	Solution
Freezer starts and run for only a small amount of time.	There is poor connection in the power source, or unstable service.	Have a qualified electrician check the power service and connections.
Louder sound levels when freezer is on.	Modern freezers have increased storage capacity and more stable temperatures. They require a high efficiency compressor.	This is normal. When the surrounding noise is low, you might hear the compressor and fan running while it cools the interior.
Louder sound levels when compressor comes on.	Freezer operates at higher pressures during the start of the ON cycle.	This is normal. Sound will level off as the freezer continues to run.
Popping or cracking sound when compressor comes on	Metal parts undergo expansion and contraction, as in hot water pipes.	This is normal. Sound will level off or disappear as the freezer continues to run.
Bubbling or gurgling sound, like water boiling	Refrigerant (used to cool the freezer) is circulating throughout the system.	This is normal.
Vibrating or rattling noise	Freezer is not level. It rocks on the floor when it is moved slightly.	Level the unit. Refer to “Leveling” in the <b>Installation Guidelines</b> .
	Floor is uneven or weak. Freezer rocks on floor when it is moved slightly.	Ensure floor can adequately support the freezer. Use leveling legs to level the freezer.
	Freezer is touching the wall.	Re-level or move the freezer slightly. Refer to “Leveling” in the <b>Installation Guidelines</b> .
Moisture forms on inside walls	Weather is hot and humid.	The rate of frost buildup and internal sweating increases. This is normal.
	Lid may not be seating properly.	See the “Important” notices in the <b>Installation Guidelines</b> .
	Lid is opened too often or too long.	Open lid less often.
Odor in freezer	Interior needs to be cleaned.	Clean interior with sponge, warm water, and baking soda.
	Foods with strong odors are in the freezer.	Cover the food tightly.
Power available but light is not on	LED may be burned out.	Contact a qualified service technician.
	No electric current is reaching the freezer.	See “Freezer does not run” problem.
Freezer light not on	LED may be burned out.	Contact a qualified service technician.
	No electric current is reaching the freezer	See “Freezer does not run” problem.

# APPLIANCE WARRANTY

Solar Freeze LLC will cover all costs occurred in replacing and repairing parts that prove to be defective in materials and workmanship as long as the appliance is installed in accordance with this manual.

Warranty does not cover:

1. Products with serial numbers removed that cannot be readily determined.
2. Products that have been transferred/sold to second party (second owner).
3. Manufacturing details that Solar Freeze deems are normal occurrences.
4. Food loss due to any refrigerator or freezer failures.
5. Service calls related to poor installation and those that do not prove a defective material or workmanship.
6. Expenses for making the appliance accessible for service, such as removal of trim, cupboards, shelving, etc. Items that are not part of the appliance when shipped.
7. Service calls to repair/replace items considered consumables such as light bulbs, knobs etc. Items outside of HVAC work.
8. Surcharges including but not limited to, after hour service, weekend, holidays, tolls, mileage expense to remote areas.
9. Damages caused by services by unauthorized service companies, use of parts other than genuine SunStar parts, or external abuse, misuse, inadequate power supply, accidents, fires, floods, and acts of nature.
10. Customer ignorance and neglect to follow specified directions of the use of SunStar products.

If you Need service:

1. Have your receipt, model number and serial number available.
2. Contact your place of purchase first. If needed you will be redirected.

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**Solar Freeze LLC**  
214 E Marquis St.  
Lagrange, IN 46761  
**Phone:** 260-499-4973  
**Fax:** 260-499-4984





CUT ALONG THIS LINE

## SUNSTAR WARRANTY REGISTRATION CARD

Full Name\* \_\_\_\_\_

Address\* \_\_\_\_\_

City\* \_\_\_\_\_ State\* \_\_\_\_\_

Zip\* \_\_\_\_\_ Phone\* \_\_\_\_\_

Email \_\_\_\_\_

Purchased From\* \_\_\_\_\_

Phone\* \_\_\_\_\_ Email \_\_\_\_\_

Model Number\* \_\_\_\_\_

Record the Service Model found on left end of the unit.

Serial Number\* \_\_\_\_\_

Record the Serial Number found on left end of the unit.

Price Paid\* \_\_\_\_\_ Date of Purchase\* \_\_\_\_\_

\* Starred blanks are required.

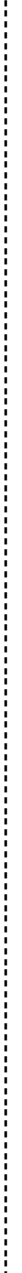
Return within 30 days of purchase to validate warranty.

Mail to address on front of card, or email to

support@solarfreezellc.com, or fax to 260-499-4984.



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Place  
Stamp  
Here



SOLAR FREEZE MFG.  
214 E MARQUIS ST  
LAGRANGE, IN 46761