



3.5 CUBIC FT. CHEST FREEZER

OWNER'S MANUAL **CF450**

Visit our web site at www.emersonradio.com

IMPORTANT SAFETY INSTRUCTIONS

Please follow the precautions below for your new freezer :

1. This freezer must be properly installed and located in accordance with the Installation Instructions before it is used.
2. Do not allow children to climb, stand or hang on the shelves in the freezer. They could damage the freezer and seriously injure themselves.
3. Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
4. Keep fingers out of the clearances between the lid and cabinet. Be careful closing lid when children are in the area.
5. Unplug the freezer before cleaning and making repairs or when not in use.
6. We strongly recommend that any servicing be performed by a qualified individual.
7. Turning the temperature control dial to the OFF position stops cooling but does not shut off power to the freezer.
8. Do not leave freezer in extreme cold or warm temperatures.
9. Do not place freezer near heat sources or open flames.
10. Clean the freezer with a soft, damp cloth. Remove stains with a mild soap. Do not clean the unit with industrial grade solvents or abrasive chemicals.
11. Do not place heavy items on top of the freezer lid.
12. Never install the freezer where there is a lot of moisture and water can splash.
13. Do not allow children to hang on the freezer or freezer lid; the freezer could be tipped over and hurt child.
14. Never eat spoiled food stored too long in the freezer or in an out-of-order freezer.
15. Do not use sharp tools inside the freezer - for example - to remove ice as damage may occur.
16. Unplug and remove food from the freezer if not used for a long period of time.

PROPER DISPOSAL

An empty freezer is an extremely dangerous attraction to children. If you are getting rid of your old freezer, please follow the instructions in the Child Entrapment Warning.

CHILD ENTRAPEMENT WARNING:

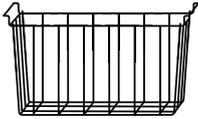
Risk of child entrapment. Before you throw away your old freezer:

1. Take off the lid.
2. Leave the basket in place so that children may not easily climb inside.

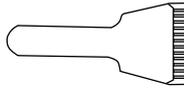
**SAVE THESE INSTRUCTIONS
FOR HOUSEHOLD USE ONLY**

BEFORE USING YOUR FREEZER

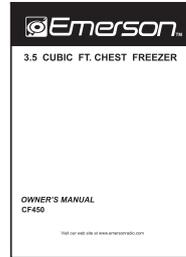
- Remove the exterior and interior packing.
- Check to be sure you have all of the following parts:
 - 1 Storage Basket ①
 - 1 Ice Scraper ②
 - 1 Instruction Manual ③



①



②



③

- Before connecting the freezer to the power source, let it stand upright for approximately 2 hours. This will reduce the possibility of a malfunction in the cooling system from handling during transportation.
- Clean the interior surface with lukewarm water using a soft cloth and allow to completely dry before closing the lid of the freezer.

GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be inserted into an outlet that is properly installed and grounded.

WARNING: Improper use of the grounding plug can result in a risk of electric shock. Consult a qualified electrician or service person if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded.

If it is necessary to use an extension cord, use only a three wire extension cord that has a three blade grounding plug, and a three slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord should be equal to or greater than the electrical rating of the appliance.

INSTALLING YOUR FREEZER

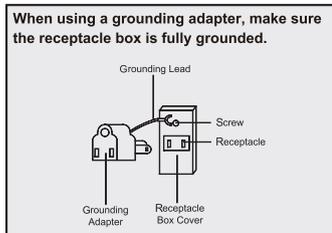
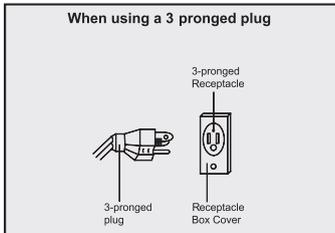
- This appliance is designed to be free standing only, and should not be recessed or built-in.
- Place your freezer on a floor that is strong enough to support the freezer when it is fully loaded.
- Allow 6 inches of space between the back and sides of the freezer, which allows the proper air circulation.
- Place the freezer away from direct sunlight and sources of heat (stove, heater, radiator, etc.). Direct sunlight may affect the acrylic coating and heat sources may increase electrical consumption. Extreme cold ambient temperatures may also cause the freezer to not perform properly.
- Avoid placing the freezer in damp areas.

Power supply:

- Check your local power source. This freezer requires a 120V, 60Hz power supply.
- Use a receptacle that will accept the ground prong. The power cord of this appliance is equipped with a 3-prong (grounding) plug which mates with a standard 3-prong (grounding) wall outlet to minimize the possibility of electric shock hazard from this appliance.
 - A. Longer cord sets or extension cords are available and may be used if care is exercised in their use.
 - B. If a long cord or extension cord is used, (1) the marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance, (2) the extension cord must be a grounding -type 3-wire cord, and (3) the longer cord should be arranged so that it will not drape over the counter top or tabletop where it can be pulled on by children or tripped over unintentionally.
- After plugging the appliance into a wall outlet, allow the unit to cool down for at least 2 hours before placing food in the freezer compartment.

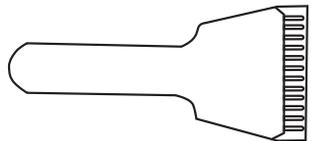
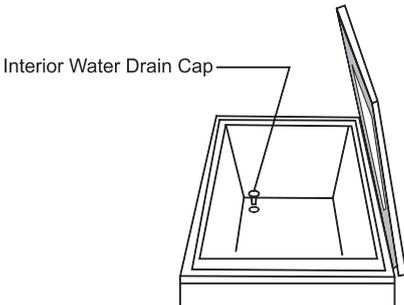
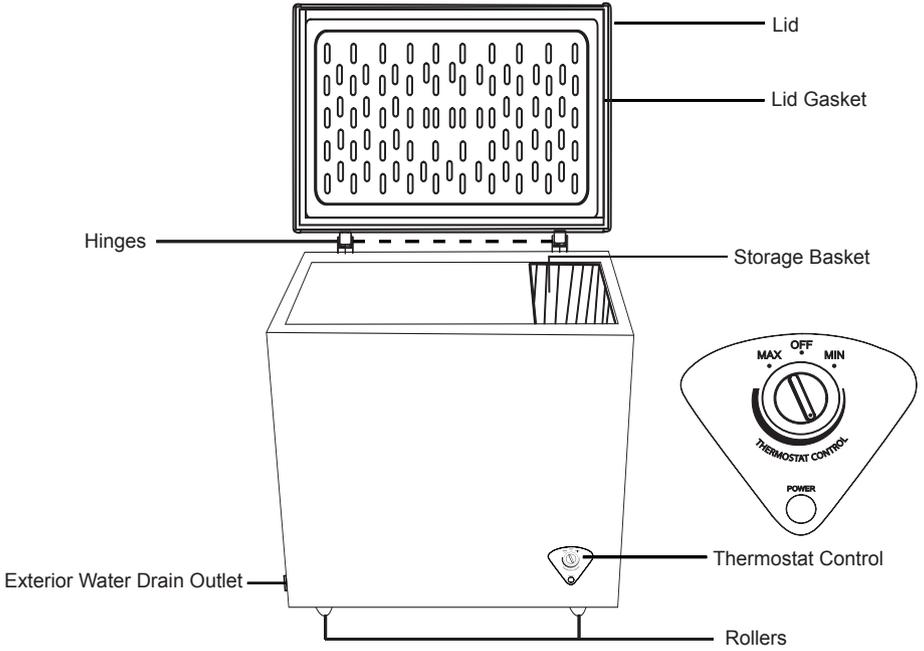
NOTES:

- The freezer should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating plate.
- If you have only a standard 2-prong wall outlet, it is your personal responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet.
- Never unplug your freezer by pulling on the power cord. Always grip plug firmly and pull straight out from the outlet.



LOCATION OF CONTROLS

LID OPENED



Ice Scraper

OPERATING YOUR FREEZER

Thermostat Control

- Your freezer has one control for regulating the temperature. The thermostat control is located on the lower right hand corner.
- When plugging the unit in for the first time, set thermostat control to MAX position and run for at least 2 hours before putting frozen foods inside. This will ensure the cabinet is thoroughly chilled before food is put in.
- The range of the thermostat control is from position MIN (warmest) to MAX (coldest). Adjust the thermostat control to the setting that best suits your needs. It is recommended to set the thermostat dial $\frac{3}{4}$ of the way to MAX to ensure proper freezing temperatures.
- To turn the freezer off, turn the thermostat control to "OFF" and unplug unit from outlet.

NOTE

- Turning the thermostat control to "OFF" position stops the cooling cycle but does not shut off the power to the freezer. The power indicator will stay "ON". To fully power unit off, remove plug from outlet.
- If the unit is unplugged, loses power or is turned off; you must wait 3 to 5 minutes before restarting the unit. This allows the compressor time to reset. If you attempt to restart before this time delay, the freezer will not start.
- Adding large amounts of food at the same time will lower the cooling efficiency of the appliance.

Defrosting Your Freezer

When to Defrost

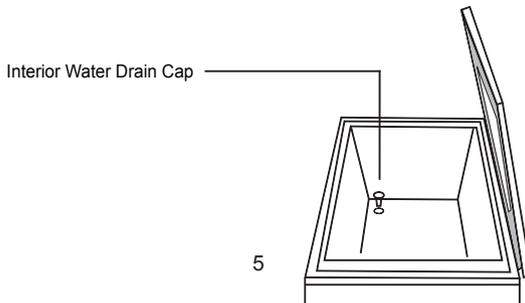
- For the most efficient operation and minimum energy consumption, defrost the freezer when the frost on the freezer walls is excessive or 1/4 inch thick.
- Chose a time when the stock of frozen food is low.

Helpful Hints

- Defrosting usually takes a few hours, give yourself enough time to complete the process and be able to keep the frozen food at the correct temperature.
- Leaving the lid of the freezer open will help speed the melting process.
- Pouring warm (not boiling) water on the ice/frost will help speed melting.
- Use the ice scraper only when necessary and exercise caution when using as it is very easy to damage the freezer compartment and void your warranty.

Steps to Defrost

1. Remove all frozen food from the freezer and place in another freezer or cooler to keep cold.
2. Turn the thermostat knob to "OFF".
3. Unplug the freezer from the outlet. The power indicator light should be off (green light out).
4. Remove the interior water drain cap on the inside floor of the freezer by pulling straight out.
5. During defrosting the ice melts into the cabinet and will drain out of the interior water drain to the exterior drain located on the left side of the unit.
6. Place a shallow pan under the exterior drain outlet and ensure that it is positioned to collect the water.
7. Check the drain pan frequently so the water does not overflow.
8. Clean the interior of the freezer as directed in the cleaning section.
9. Replace the interior water drain cap on the inside floor.
10. Reset the thermostat to desired setting.
11. Operate the freezer without food for at least 2 hours to allow it to cool before placing food back inside.



OPERATING YOUR FREEZER (CONTINUED)

CAUTION

- Do not use boiling water as it may damage the plastic parts.
- Never use a sharp or metal instrument to remove frost as it may damage the cooling coils and will void the warranty. We recommend using only the plastic ice scraper provided with your unit.
- Do not use the ice scraper for any purpose other than scraping ice from the freezer walls.

The Freezer Compartment

- The freezer compartment is designed for the long-term storage of frozen food. The recommended storage time is up to three months.
- The storage life of frozen foods varies and the recommended storage time should not be exceeded.
- It is recommended that a freezing date be marked on the packaging to identify freshness.
- The instructions regarding the care of frozen foods should be followed when defrosting the freezer.
- Pre-packed commercially frozen food should be stored in accordance with the manufacturer's instructions. Check the packaging and follow freezing instructions regarding storage times.
- Place frozen food into the freezer as quickly as possible after purchase.
- Do not refreeze foods that have been thawed.
- Thawed ground meats, poultry or fish that give off any strange odor or off-color should not be eaten or refrozen as they could cause sickness if eaten.
- Avoid putting large quantities of fresh or hot food into the freezer at the same time as the freezing of these items could lower the efficiency of the freezer and drop the temperature of the interior cabinet. Always allow hot food to fully cool before placing in the freezer.
- Improper storage of food can alter the foods' taste and texture. Always properly pack food in air tight containers, heavy duty aluminum foil, plastic wrap or sealed plastic bags.
- A storage basket is provided for the organization of smaller items. If storage basket is not needed it can be removed from the unit. To access food below the basket, simply slide the basket to one side or lift it out.

NOTE

- The freezer lid is susceptible to breaking due to excessive ice buildup. Be sure to defrost when the ice reaches ¼ inch thick.

CAUTION:

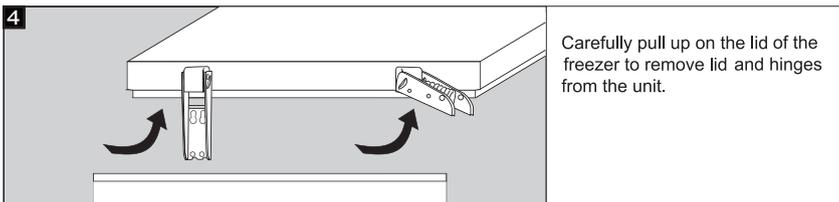
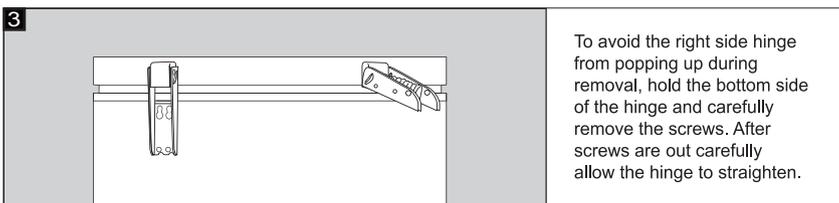
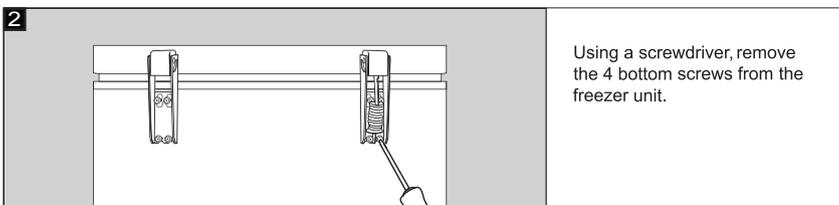
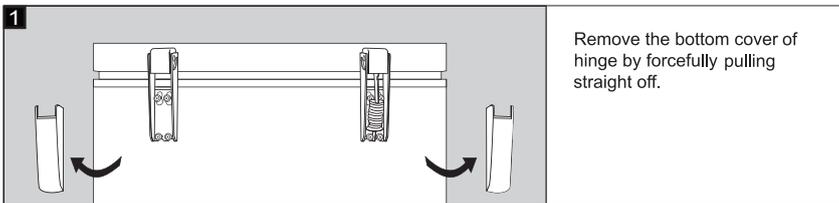
- Once the freezer is operational, avoid direct contact with the freezer compartment wall and surfaces, especially when skin is damp or wet as skin could adhere to these extremely cold surfaces.

CHILD ENTRAPMENT WARNING:

Risk of child entrapment before you throw away your old freezer.

Removing the Lid

Start by facing the back of the unit with the freezer lid closed and the unit unplugged.



NOTE: It is important to remove the lid before disposing of this freezer as a child could become entrapped inside the freezer.

CARE AND MAINTENANCE

Cleaning Your Freezer

- Upon installation of your new appliance, it is recommended that it be cleaned thoroughly.
- Turn the thermostat control to "OFF", unplug the freezer, remove the food and storage basket.
- Wash the inside with a damp warm cloth containing a water and baking soda solution. The solution should be about 2 tablespoons of baking soda to a quart of water.
- Wash the storage basket with a mild detergent solution.
- Be sure to keep the lid gasket (seal) clean to keep the unit running efficiently.
- The outside of the freezer should be cleaned with mild detergent and warm water.
- Dry the interior and exterior with a soft cloth.
- It is recommended that the unit be cleaned each time it is defrosted to help keep the unit odor free and running efficiently.

Extended Vacation

- Remove all the food.
- Unplug the freezer.
- Clean the freezer.
- Leave the lid open slightly to avoid possible formation of condensation, mold or odors.
- Use extreme caution in the case of children. The unit should not be accessible for children to play with.
- If the appliance will not be used for several months, remove all food and unplug the power cord. Clean and dry the interior thoroughly. To prevent odor and mold growth, leave the lid open slightly: blocking it open if necessary or have the lid removed.

Moving Your Freezer

- Remove all the food.
- Securely tape freezer accessories (basket and ice scraper) inside your freezer.
- Tape the lid shut.
- Be sure the freezer stays in the upright position during transportation. Do not tilt freezer more than a 45-degree angle as this could damage the compressor system.

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 the direct sunlight.
- Let hot foods cool to room temperature before placing in the freezer. 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 freezer. This cuts down on frost build-up inside the freezer.
- Freezer storage bin should not be lined with aluminum foil, wax paper or paper towels. Liners interfere with cold air circulation, making the freezer less efficient.
- Organize and label food to reduce lid openings and extended searches. Remove as many items as needed at one time, and close the lid as soon as possible.

PROBLEMS WITH YOUR FREEZER

You can solve many common freezer problems easily. Try the suggestions below to see if you can solve the problem before calling customer service.

TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE	SOLUTION
Freezer does not operate.	<ul style="list-style-type: none"> Not plugged in. The circuit breaker tripped or blew a fuse. The freezer thermostat control is set at "OFF". 	<ul style="list-style-type: none"> Check whether the plug is properly inserted. Reset the circuit breaker or replace fuse. The thermostat control should be set to 3/4 of the way to MAX.
Compressor turns on and off frequently.	<ul style="list-style-type: none"> The room temperature is hotter than normal. A large amount of food has been added to the freezer. The lid is open too often. The lid is not closed completely. The thermostat control is not set correctly. The freezer does not have the correct clearances. The freezer has recently been disconnected for a period of time. 	<ul style="list-style-type: none"> Increase air circulation in room. Remove excess food to increase freezer efficiency. Always keep lid closed and check to see if gasket is properly sealed when lid is closed. Check to see if the thermostat control is set 3/4 of the way to MAX. Clean freezer according to manual instructions. At least 2 hours are required for the freezer to cool down completely.
Temperature inside the freezer compartment is too high.	<ul style="list-style-type: none"> Thermostat control is set too warm. Lid is kept open too long or is opened too frequently. The lid is not closed completely. A large amount of warm or hot food has been placed in the freezer. The freezer has recently been disconnected for a period of time. 	<ul style="list-style-type: none"> Turn the control to a cooler setting and allow several hours for the temperature to stabilize. Ensure the lid is closed properly. Check the lid gasket. Allow food to cool to room temperature before placing in freezer. At least 2 hours are required for the freezer to cool down completely.
Temperature inside the freezer compartment is too cold.	<ul style="list-style-type: none"> Thermostat control is set too cold. The control is set at MAX setting. This causes continuous running of the compressor and bypasses the thermostat control. 	<ul style="list-style-type: none"> Adjust the thermostat control toward MIN and allow several hours for the temperature to stabilize.

TROUBLESHOOTING GUIDE (CONTINUED)

PROBLEM	POSSIBLE CAUSE	SOLUTION
A popping or cracking sound is heard when compressor turns on.	<ul style="list-style-type: none"> • Metal parts like the copper pipes undergo expansion and contraction, just like hot water pipes. 	<ul style="list-style-type: none"> • This is normal. Sound will disappear as freezer continues to run.
A bubbling or gurgling sound is heard (sounds like water boiling).	<ul style="list-style-type: none"> • Refrigerant gas (used to cool freezer) is circulating throughout the system. 	<ul style="list-style-type: none"> • This is normal.
Vibrations occur when unit is on.	<ul style="list-style-type: none"> • Check to assure that the freezer is level. • The floor is uneven. Freezer rocks on the floor when it is moved slightly. • The freezer is touching the wall. 	<ul style="list-style-type: none"> • Ensure freezer is level. • Level the freezer by putting wood or metal shims under part of the freezer. • Leave spacing between the freezer and the wall. • See "Installation Instructions".
Moisture forms on outside of freezer.	<ul style="list-style-type: none"> • Lid is slightly open. • Lid is kept open too long, or is opened too frequently. • The lid is not sealed properly. 	<ul style="list-style-type: none"> • Keep the lid close. • Check the lid gasket and close lid properly.
The lid does not close properly.	<ul style="list-style-type: none"> • The lid gasket is dirty. • The storage basket is out of position or not installed properly. 	<ul style="list-style-type: none"> • Clean the lid gasket. • Adjust position of storage basket.

TECHNICAL SPECIFICATION

Unit Dimension (WxDxH) (Inches)	23.58" x 21.06" x 33.86"
Power Supply	AC 115V, 60Hz, 105W
Current	1.3 A
Power consumption per year	212 kwh

LIMITED WARRANTY

Emerson Radio Corp. warrants manufacturing defects in original material, including original parts and workmanship, under normal use and conditions, for a period of one year from the date of original purchase in the U.S. With your dated proof of purchase, we will provide repair service at no charge for labor and parts at an authorized Depot Repair Facility, or replace the product in our discretion. For repair or replacement, pack your unit in a padded box, enclose your check or money order payable to Emerson Radio Corp. in the amount of \$10.00 (not required by California residents) to cover shipping and handling costs, and enclose a copy of your proof of purchase. Send your unit to:

Emerson Returns Warehouse,
11500 Philadelphia Street,
Mira Loma Ca. 91752

This warranty does not cover damage from negligence, misuse, abuse, accident, failure to follow operating instructions, commercial use, rental, repairs by an unauthorized facility, or products purchased, used, serviced or damaged outside of the United States.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

AU898N

The serial number can be found on the rear of the unit. We suggest that you record the serial number of your unit in the space below for future reference.

Model Number: CF450

Serial Number: _____



----- SERVICE -----

FOR ADDITIONAL SET-UP OR OPERATING ASSISTANCE

PLEASE CALL:

1-800-898-9020 OR 1-800-695-0098

FOR CUSTOMER SERVICE, PLEASE E-MAIL TO:

internet@emersonradio.com

OR WRITE TO:

Emerson Radio Corp.,
Consumer Affairs Dept.,
85 Oxford Drive
Moonachie, N.J. 07074.

