

# Kenmore<sup>®/MD</sup>



## Garage-Ready Chest Freezer

14.6 cu. ft.



Customer Assistance  
1-800-265-8456  
[www.koolatron.com](http://www.koolatron.com)

KKCF14.6-W  
Use & Care Guide

# IMPORTANT SAFETY INSTRUCTIONS



## WARNING

Read all of the instructions before using this appliance. When using this appliance, always exercise basic safety precautions, including the following:

## NOTE

If the freezer has been placed in a horizontal or tilted position for any period of time wait 24 hours before plugging the unit in.

This Use & Care Guide provides specific operating instructions for your model. Use your unit 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.



## DANGER

Risk of fire or explosion. Flammable refrigerant used. To be repaired only by trained service personnel. Use only manufacturer-authorized service parts. Any repair equipment used must be designed for flammable refrigerants. Follow all manufacturer repair instructions. Do not puncture refrigerant tubing.



## CAUTION

Risk of fire or explosion. Dispose of refrigerator properly in accordance with the applicable federal or local regulations. Flammable refrigerant used.

Risk of fire or explosion due to puncture of refrigerant tubing; follow handling instructions carefully. Flammable refrigerant used.

## FOR YOUR SAFETY

- Do not store or use gasoline or other flammable liquids in the vicinity of this or any other appliance. Read product labels for warnings regarding flammability and other hazards.
- Do not operate the unit in the presence of explosive fumes.
- Remove and discard any spacers used to secure the basket 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.

## CHILD SAFETY

Destroy or recycle the carton, plastic bags, and any exterior wrapping material immediately after the unit is unpacked. Children should never use these items to play. Cartons covered with rugs, bedspreads, plastic sheets or stretch wrap may become airtight chambers and can quickly cause suffocation.

# IMPORTANT SAFETY INSTRUCTIONS

## Proper disposal of your appliance

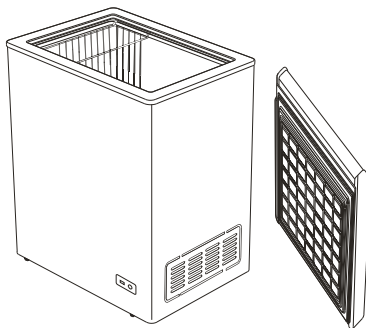
Child entrapment and suffocation are not problems of the past. Junked or abandoned appliances are still dangerous - even if they will sit for "just a few days." If you are getting rid of your appliance, please follow the instructions below to help prevent accidents.



## DANGER Risk of child entrapment!

Before you throw away your old unit:

- Remove lid.
- Leave basket in place within freezer so children may not easily climb inside.
- Have refrigerant removed by a qualified service technician.



## IMPORTANT

Your old unit may have a cooling system that used CFCs or HCFCs (chlorofluorocarbons or hydrochlorofluorocarbons). CFCs and HCFCs are believed to harm stratospheric ozone if released to the atmosphere. Other refrigerants may cause harm to the environment if released to the atmosphere. If you are throwing away your old unit, make sure the refrigerant is removed for proper disposal by a qualified technician. If you intentionally release refrigerant, you may be subject to fines and imprisonment under the provisions of environmental legislation.



## WARNING

These guidelines must be followed to ensure that safety mechanisms in this unit will operate properly.

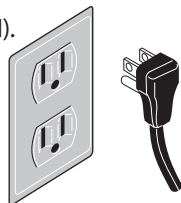
## ELECTRICAL INFORMATION

- **The unit must be plugged into its own dedicated 10 amp, 115 Volt, 60 Hz. AC only electric outlet.** The power cord of the appliance is equipped with a three-prong grounding plug for your protection against shock hazards. It must be plugged directly into a properly grounded three-prong receptacle. The receptacle must be installed in accordance with local codes and ordinances. Consult a qualified electrician. **Do not use an extension cord or adapter plug.**
- Immediately repair or replace any power cord that becomes frayed or damaged.
- **Never unplug** the appliance 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 appliance before cleaning and before defrosting to avoid electrical shock.

# IMPORTANT SAFETY INSTRUCTIONS

## ELECTRICAL INFORMATION (continued)

- Performance may be affected if the voltage varies by 10% or more. Operating the unit with insufficient power can damage the motor. Such damage is not covered under the warranty.
- **DO NOT** plug the unit into an outlet controlled by a wall switch or pull cord to prevent the appliance from being turned off accidentally.
- Avoid connecting unit to a Ground Fault Circuit Interruptor (GFCI).
- **DO NOT** under any circumstances cut or remove the third (ground) prong from the power cord. Any questions concerning the power and/or grounding should be directed toward a certified electrician or an authorized products service center.



## INSTALLATION

Before starting the appliance, follow these important first steps.

### INSTALLATION

- Choose a place that is near a grounded electrical outlet. **DO NOT** use an extension cord or an adapter plug.
- For the most efficient operation, the freezer should be located where surrounding temperatures will not exceed 110° F (43° C). Temperatures of 32° F (0° C) and below will **NOT** affect freezer operation. Additional compressor heaters are not recommended.
- Allow space around the unit for good air circulation. Leave a 4-inch (101.6 mm) space on all sides of the freezer for adequate circulation.

### LEVELING

The freezer must have all bottom corners resting firmly on a solid floor. The floor must be strong enough to support a fully loaded freezer. If needed, add metal or wood shims between foot pads and floor.

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

### CLEANING

- Wash any removable parts, the freezer interior, and exterior with mild detergent and warm water. Wipe dry. Do not use harsh cleaners on these surfaces.
- Do not use razor blades or other sharp instruments, which can scratch the appliance surface when removing adhesive labels. Any glue left from the tape can be removed with a mixture of warm water and mild detergent, or touch the residue with the sticky side of tape already removed. Do not remove the serial plate.

# INSTALLATION

## Energy Saving Ideas

- 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 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 shelves should not be lined with aluminum foil, wax paper, or paper toweling. 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.

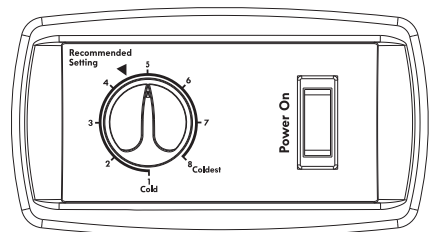
# FEATURES AND USE

## Freezer Use

- To turn the freezer on, plug the power cord into a properly grounded 3 prong electrical outlet. The green Power On light located on the temperature control will illuminate.
- For safe food storage, allow four hours after plugging in for the freezer to cool down completely. The freezer will run continuously for the first several hours. Foods that are already frozen may be placed in the freezer after the first few hours of operation. Unfrozen foods should NOT be loaded into the freezer until the freezer has operated for four hours.
- When loading the freezer, freeze only three pounds of fresh food per cubic foot of freezer space at one time. Distribute packages to be frozen evenly throughout the freezer.

## Temperature Control

- The temperature control is located on the front exterior wall. There are 8 positions on the control dial. Position 8 is the coldest and 1 is the least cold setting.
- The recommended setting, indicated on the dial midway between position 4 and 5, should provide optimum frozen food storage in most situations.
- If a colder temperature is desired, turn the temperature control knob towards position 8. For a less cold temperature, turn the dial toward 1. Adjust the temperature gradually, in small increments, and allow several hours for temperature to stabilize between adjustments.



## FEATURES AND USE

### Power On Light

The green 'Power On' light indicates that the freezer is properly connected to electrical power. If the light goes out, check the Troubleshooting Guide. If the unit appears to be operating, the light element may be burnt out, call Koolatron Customer Assistance.

### Defrost Drain

The defrost drain provides a method of draining the water during defrosting and cleaning. See DEFROSTING in 'Care & Cleanin' section.

### Freezer Handle

The freezer lid has a built-in handle to aid in the raising and lowering of the lid.

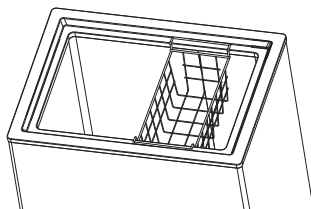


### CAUTION

Be careful when the freezer lid is raised that it doesn't close on you while you are placing or removing items.

### Storage Basket

The convenient top storage basket for smaller items hangs on the front and back edges of the freezer compartment.



## CARE & 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



### CAUTION

To avoid electrical hazard, freezer must be unplugged from power source when defrosting unit.

# CARE & CLEANING

## Defrosting (continued)



### WARNING

DO NOT use a sharp or metallic instrument to remove frost from the refrigerator interior, as damage to refrigerant tubing (located behind interior walls) may occur. Tubing damage may allow flammable refrigerant gas leakage, which can result in personal injury.

It is important to defrost and clean the freezer when  $\frac{1}{4}$  to  $\frac{1}{2}$  inch of frost has accumulated. Frost may tend to accumulate faster on the upper part of freezer due to warm, moist air entering when lid is opened. Always unplug freezer, remove food and leave lid open when defrosting.

If frost is soft, remove by using a plastic scraper (included). If frost is glazed and hard, place a shallow pan beneath the drain outlet at front of freezer (Fig. 1).

Pull the drain outlet plug forward enough to expose the drain hole in the plug shaft (Fig. 1). Rotate plug so that hole faces straight down. The arrow on the plug will also face straight down (Fig. 2).

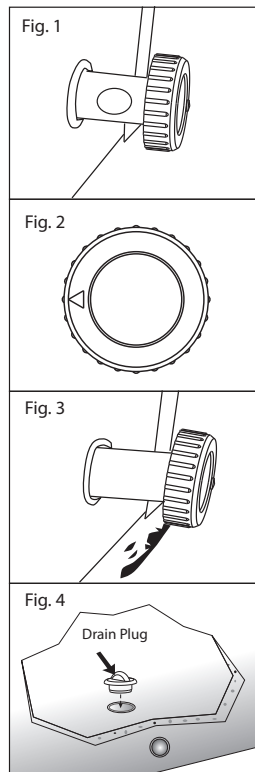
Use a thin bladed tool to carefully pry up and remove the drain plug inside the freezer (Fig. 4). Defrost water will drain out through the hole in the outside drain plug (Fig. 3). Check pan occasionally so water does not overflow.

Replace the drain plugs when defrosting and cleaning are completed. If the drain is left open, warm air may enter the freezer.

## Cleaning the Inside

After defrosting, wash inside surfaces of the freezer with a solution of two tablespoons of baking soda in one quart (1.1 liters) warm water. Rinse and dry. Wring excess water out of the sponge or cloth when cleaning in the area of the controls, or any electrical parts.

Wash the removable parts and baskets with the baking soda solution mentioned above, or mild detergent and warm water. Rinse and dry. Never use metallic scouring pads, brushes, abrasive cleaners, or alkaline solutions on any surface. Do not wash removable parts in a dishwasher.



# CARE & CLEANING

## Cleaning the Inside (continued)

**NOTE** - If unit is turned off or unplugged for several hours, do not open freezer lid unnecessarily. This will maintain the coldest temperature inside and reduce the recovery time to desired temperature once the unit is turned back on.

## Cleaning the Outside

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

## Vacation and Moving Tips



### **WARNING**

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

**SHORT VACATIONS** - Leave the freezer operating during vacations of less than three weeks.

**LONG VACATIONS** - If the freezer will not be used for several months:

- Remove all food and unplug the power cord.
- Clean and dry the interior thoroughly.
- Leave the freezer lid open slightly, blocking it open if necessary, to prevent odor and mold growth.

**MOVING** - When moving the freezer, follow these guidelines to prevent damage:

- Disconnect the power cord plug from the wall outlet.
- Remove foods, then defrost, and clean the freezer.
- Secure all loose items such as base panel, baskets, and shelves by taping them securely in place to prevent damage.
- In a moving vehicle, secure freezer in an upright position to prevent movement. Also protect outside of freezer with a blanket, or similar item.

## Power Failure / Freezer Failure

If a power failure occurs, frozen foods will stay frozen for at least 24 hours if the freezer is kept closed. If the power failure continues, pack seven or eight pounds of dry ice into the freezer every 24 hours. Look in the Yellow Pages under Dry Ice, Dairies, or Ice Cream manufacturers for local dry ice suppliers. Always wear gloves and use caution when handling dry ice.

**IF OUTAGE IS FOR A PROLONGED PERIOD, INSPECT AND DISCARD SPOILED OR THAWED FOOD IN FREEZER. CLEAN FREEZER BEFORE REUSING.**

If the freezer has stopped operating, see 'Freezer does not run' section in the Troubleshooting Guide. If you cannot solve the problem, call an authorized servicer immediately. If the freezer remains off for several hours, follow the directions above for the use of dry ice during a power failure. If necessary, take the food to a local locker plant until the freezer is ready to operate. Look in the Yellow Pages under Frozen Food Locker Plants.

# TROUBLESHOOTING

You can solve many common appliance problems easily, saving you the cost of a possible service call. Try the suggestions below to see if you can solve the problem. If there is no improvement, please call Koolatron Customer Assistance.

CONCERN	POTENTIAL CAUSE	POSSIBLE SOLUTION
Freezer does not run	<ol style="list-style-type: none"> <li>1. Freezer is plugged into a circuit that has a ground fault interrupt.</li> <li>2. Temperature control is in the OFF position.</li> <li>3. Freezer may not be plugged in or plug may be loose.</li> <li>4. House fuse blown or tripped circuit breaker.</li> <li>5. Power outage.</li> </ol>	<ol style="list-style-type: none"> <li>1. Use another circuit. If you are unsure about the outlet, have it checked by a certified electrician.</li> <li>2. See 'Setting the Temperature Control' section.</li> <li>3. Ensure plug is tightly pushed into outlet.</li> </ol>
Compressor runs too frequently or too long	<ol style="list-style-type: none"> <li>1. Room or outside weather is hot.</li> <li>2. Freezer has recently been disconnected for a period of time.</li> <li>3. Large amounts of warm or hot food have been stored recently.</li> <li>4. Lid is opened too frequently or too long.</li> <li>5. Lid may be slightly open.</li> <li>6. Temperature Control is set too low.</li> <li>7. Freezer gasket is dirty, worn, cracked, or poorly fitted.</li> </ol>	<ol style="list-style-type: none"> <li>1. It is normal for the freezer to work harder under these conditions.</li> <li>2. It takes 4 hours for the freezer to cool down completely.</li> <li>3. Warm food will cause freezer to run more until the desired temperature is reached.</li> <li>4. Warm air entering the freezer causes it to run more. Open lid less often.</li> <li>5. See 'Lid Will Not Close' section.</li> <li>6. Turn control knob to a warmer setting. Allow several hours for the temperature to stabilize.</li> <li>7. Clean or change gasket. Leaks in the lid seal will cause freezer to run longer in order to maintain desired temperature.</li> </ol>
Freezer's external surface temperature is warm	The external freezer walls can be as much as 30°F warmer than room temperature.	This is normal while the compressor works to transfer heat from inside the freezer cabinet.
Interior freezer temperature is too cold.	Temperature Control is set too cold.	Turn the control to a warmer setting. Allow several hours for the temperature to stabilize.

# TROUBLESHOOTING

CONCERN	POTENTIAL CAUSE	POSSIBLE SOLUTION
Interior freezer temperature is too warm.	<ol style="list-style-type: none"> <li>1. Temperature Control is set too warm.</li> <li>2. Lid is kept open too long or is opened too frequently.</li> <li>3. Lid may not be seating properly.</li> <li>4. Large amounts of warm or hot food may have been stored recently.</li> <li>5. Freezer has recently been disconnected for a period of time.</li> </ol>	<ol style="list-style-type: none"> <li>1. Turn control to a colder setting. Allow several hours for the temperature to stabilize.</li> <li>2. Warm air enters the freezer every time the lid is opened. Open the lid less often.</li> <li>3. See 'Lid Will Not Close' section.</li> <li>4. Wait until the freezer has had a chance to reach its selected temperature.</li> <li>5. Freezer requires 4 hours to cool down completely.</li> </ol>
Interior freezer temperature is too warm.	<ol style="list-style-type: none"> <li>1. Temperature Control is set too warm.</li> <li>2. Lid is kept open too long or is opened too frequently.</li> <li>3. Lid may not be seating properly.</li> <li>4. Large amounts of warm or hot food may have been stored recently.</li> <li>5. Freezer has recently been disconnected for a period of time.</li> </ol>	<ol style="list-style-type: none"> <li>1. Turn control to a colder setting. Allow several hours for the temperature to stabilize.</li> <li>2. Warm air enters the freezer every time the lid is opened. Open the lid less often.</li> <li>3. See 'Lid Will Not Close' section.</li> <li>4. Wait until the freezer has had a chance to reach its selected temperature.</li> <li>5. Freezer requires 4 hours to cool down completely.</li> </ol>
Louder sound levels whenever the compressor 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 level is low, you might hear the compressor running while it cools the interior.
Longer sound periods when compressor comes on.	Freezer operates at higher pressures during the start of the ON cycle.	This is normal. Sound will level off or disappear as 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 freezer continues to run.

# TROUBLESHOOTING

CONCERN	POTENTIAL CAUSE	POSSIBLE SOLUTION
Bubbling or gurgling sound, like water boiling.	Refrigerant used to cool freezer is circulating throughout the system.	This is normal.
Vibrating or rattling noise.	<ol style="list-style-type: none"> <li>1. Freezer is not level. It rocks on the floor when it is moved slightly.</li> <li>2. Floor is uneven or weak. Freezer rocks on floor when it is moved slightly.</li> <li>3. Freezer is touching the wall.</li> </ol>	<ol style="list-style-type: none"> <li>1. Level the unit. Refer to 'Leveling' in the 'INSTALLATION' section.</li> <li>2. Ensure floor can adequately support freezer.</li> <li>3. Move freezer slightly. Refer to "Leveling" in the 'First Steps' section.</li> </ol>
Moisture forms on inside freezer walls.	<ol style="list-style-type: none"> <li>1. Weather is hot and humid, which increases internal rate of frost build-up.</li> <li>2. Lid may not be seating properly.</li> <li>3. Lid is kept open too long, or is opened too frequently.</li> </ol>	<ol style="list-style-type: none"> <li>1. This is normal.</li> <li>2. See 'Lid Will Not Close' in this section</li> <li>3. Open the lid less often.</li> </ol>
Moisture forms on outside of freezer.	Lid may not be seating properly, causing the cold air from inside the freezer to meet warm moist air from outside.	See 'Lid Will Not Close' in this section.
Odors in freezer.	<ol style="list-style-type: none"> <li>1. Interior needs to be cleaned.</li> <li>2. Foods with strong odors are in the freezer.</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean interior with sponge, warm water, and baking soda.</li> <li>2. Seal the food tightly before placing in the freezer.</li> </ol>
Lid will not close.	<ol style="list-style-type: none"> <li>1. Freezer is not level. It rocks on the floor when it is moved slightly.</li> <li>2. Floor is uneven or weak. Freezer rocks on floor when it is moved slightly.</li> </ol>	<ol style="list-style-type: none"> <li>1. This condition can force the cabinet out of square and misalign the lid and lid seal. Refer to 'Leveling' in the 'INSTALLATION' section.</li> <li>2. Refer to 'Leveling' in the 'INSTALLATION' section.</li> </ol>

# WARRANTY

## 2 Year Limited Warranty

FOR TWO YEARS from the date of sale this product is warranted against defects in material or workmanship.

WITH PROOF OF SALE a defective product will be repaired or replaced free of charge.

The Kenmore brand is used under license. Direct all claims for warranty service to Koolatron Customer Assistance, call 1-800-265-8456 or email [service@koolatron.com](mailto:service@koolatron.com)

This warranty covers manufacturer's defects including electrical and mechanical defects provided the appliance is correctly assembled, operated and maintained according to the supplied instructions. It does not cover damage caused by accident, misuse or abuse including overheating, unauthorized repairs or alterations, or use with a voltage converter or aftermarket accessories, and it does not apply to scratches, stains, discoloration or other surface damage that does not impair the product function. This warranty is void if the appliance is ever used for purposes other than private household use.

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