

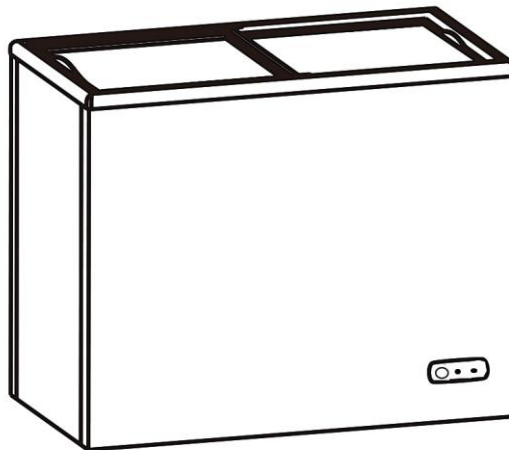


COMMERCIAL

**CHEST FREEZER
CONGELADOR HORIZONTAL**

**INSTRUCTION MANUAL
MANUAL DE INSTRUCCIONES**

KCNF073WS



BEFORE USE, PLEASE READ AND FOLLOW ALL SAFETY RULES AND OPERATING INSTRUCTIONS.

This equipment is intended for the storage and display of packaged products only.

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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 for your appliance. Always read and obey all safety messages.



This is the Safety Alert Symbol. This symbol alerts you to potential hazards that can kill or injure you and others. All safety messages will follow the Safety Alert Symbol and either the words "DANGER", "WARNING" or "CAUTION".



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.



Caution means that failure to heed this safety statement may result in minor or moderate personal injury, property or equipment damage.

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

REFRIGERANT GAS WARNINGS

DANGER - Risk of fire or explosion. Flammable refrigerant used.

DO NOT use mechanical devices to defrost refrigerator. DO NOT puncture refrigerant tubing.

DANGER - Risque d'incendie ou d'explosion. Réfrigérant inflammable utilisé.

Ne pas utiliser de dispositifs mécaniques pour réfrigérateur à dégivrage. Ne pas percer la tuyauterie du réfrigérant

DANGER - Risk of fire or explosion. Flammable refrigerant used.

To be repaired only by trained service personnel. DO NOT puncture refrigerant tubing.

DANGER - Risque d'incendie ou d'explosion. Réfrigérant inflammable utilisé.

Pour être réparé que par du personnel qualifié. Ne pas percer la tuyauterie du réfrigérant.

CAUTION - Risk of fire or explosion. Flammable refrigerant used.

Consult repair manual / owner's guide before attempting to service this product. All safety precautions must be followed.

AVERTISSEMENT - Risque d'incendie ou d'explosion. Réfrigérant inflammable utilisé. Consultez réparation manuelle / propriétaire, guide avant d'essayer de réparer ce produit. Toutes les précautions doivent être suivies.

CAUTION - Risk of fire or explosion. Dispose of property in accordance with federal or local regulations. Flammable refrigerant used.

AVERTISSEMENT - Risque d'incendie ou d'explosion. Aliéner des biens conformément à la réglementation fédérale ou locale. Réfrigérant inflammable utilisé.

CAUTION - Risk of fire or explosion due to puncture of refrigerant tubing;

Follow handling instructions carefully. Flammable refrigerant used.

AVERTISSEMENT - Risque d'incendie ou d'explosion dus à la perforation des tuyaux de fluide réfrigérant, suivez attentivement les instructions remise. Réfrigérant inflammable utilisé

IMPORTANT SAFEGUIDES



Before the refrigerator 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 refrigerator, follow basic precaution, including the following:

DANGER

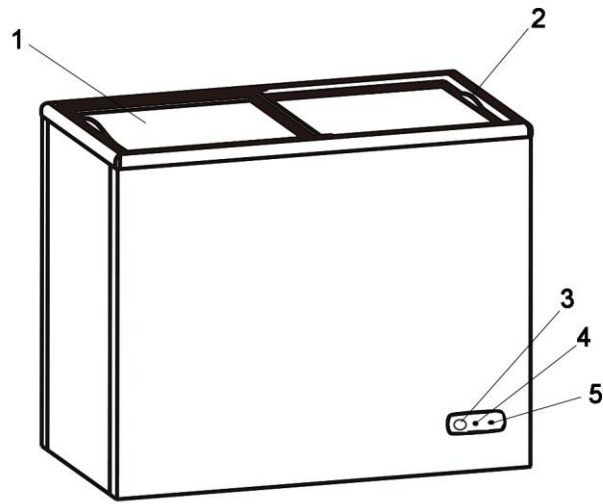
- Plug into a grounded 3-prong outlet, do not remove grounding prong, do not use an adapter, and do not use an extension cord.
- It is recommended that a separate circuit, serving only your refrigerator be provided. Use receptacles that cannot be turned off by a switch or pull chain.
- Never clean refrigerator 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 refrigerator 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 refrigerator unless it is specifically recommended in this manual. All other servicing should be referred to a qualified technician.

WARNING

FOLLOW WARNING CALL OUTS BELOW ONLY WHEN APPLICABLE TO YOUR MODEL

- Use two or more people to move and install refrigerator. Failure to do so can result in back or other injury.
- To ensure proper ventilation for your refrigerator, 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 element, such as wind, rain, water spray or drips.
- The refrigerator should not be located next to ovens, grills or other sources of high heat.
- The refrigerator must be installed with all electrical 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 refrigerator.
- The fuse (or circuit breaker) size should be 15 amperes.
- It is important for the refrigerator to be leveled in order to work properly. You may need to make several adjustments to level it.
- Never allow children to operate, play with or crawl inside the refrigerator.
- Although the unit has been tested at the factory, due to long-term transit and storage, the first batch of cubes must be discarded.
- Do not use solvent-based cleaning agents or abrasives on the interior. These cleaners may damage or discolor the interior.
- Do not use this apparatus for other than its intended purpose.

PARTS AND FEATURES



1	COUNTER BALANCED LID
2	HANDLE
3	THERMOSTAT CONTROL
4	POWER LIGHT
5	COMPRESSOR ON LIGHT

IMPORTANT SAFETY INSTRUCTIONS

⚡WARNING⚡	To reduce the risk of fire, electrical shock, or injury when using your refrigerator-freezer, follow these basic precautions:
<ul style="list-style-type: none">• Read all instructions before using the refrigerator-freezer.• DANGER or WARNING: Risk of child entrapment. Child entrapment and suffocation are not problems of the past. Junked or abandoned refrigerator-freezers are still dangerous. . . even if they will “just sit in the garage a few days.”• Before you throw away your old refrigerator-freezer: Take off the doors. Leave the shelves in place so that children may not easily climb inside.• Never allow children to operate, play with, or crawl inside the refrigerator-freezer.• Never clean refrigerator-freezer parts with flammable fluids. The fumes can create a fire hazard or explosion.• Do not store or use gasoline or any other flammable vapors and liquids in the vicinity of this or any other refrigerator-freezer. The fumes can create a fire hazard or explosion. <p style="text-align: center;">-Save these instructions-</p>	

INSTALLATION INSTRUCTIONS

➤ Before Using Your Appliance

- Remove the exterior and interior packing.
- Check to be sure you have all of the following parts:
 - 1 Storage Basket
 - 1 Drain Plug
 - 1 Instruction Manual
 - 1 Plastic Scraper
- Before connecting the unit 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.

➤ Installation of Your Appliance

- Place your refrigerator-freezer on a floor that is strong enough to support the refrigerator-freezer when it is fully loaded. To level your refrigerator-freezer, adjust the leveling legs at the bottom of unit.
- Allow 5 inches of space between the back and sides of the unit, which allows the proper air circulation to cool the compressor and condenser.
- Locate the unit 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 refrigerator-freezer not to perform properly.
- Avoid locating the unit in moist areas.
- Plug the unit into an exclusive properly installed-grounded wall outlet. Do not under any circumstances cut or remove the third (ground) prong from the power cord. Any questions concerning power and/or grounding should be directed toward a certified electrician or an authorized service center.

➤ **ELECTRICAL CONNECTION**

⚡ Warning ⚡

Improper use of the grounded plug can result in the risk of electrical shock. If the power cord is damaged, have it replaced by an authorized products service center.

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 electrical ground outlet with three-prong. 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.

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

The appliance should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating label on the appliance. This provides the best performance and also prevent overloading house wiring circuits that could cause a fire hazard from overheated. Never unplug the appliance by pulling 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.

➤ **SURGE PROTECTOR**

Most electrical appliances use a series of electric control boards to operate. These boards are very susceptible to power surges and could be damaged or destroyed.

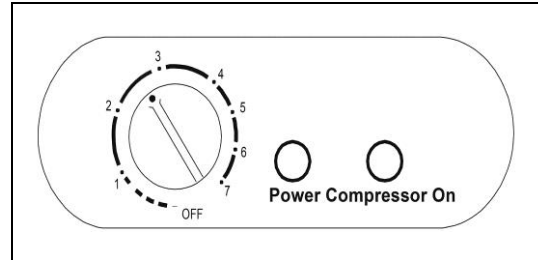
If the appliance is going to be used in an area or if your city / country is prone to power surges / outages; it is suggested that you use a power surge protector for all electrical devices / appliances you use. The surge protector that you select must have a surge block high enough to protect the appliance it is connected to. If you have any questions regarding the type and size of surge protector needed contact a licensed electrician in your area.

Damages due to power surges are not considered a manufacturer covered defect and will void your product warranty.

OPERATING YOUR APPLIANCE

➤ Setting the Temperature Control

- To control the internal temperature, adjust the control dials according to the ambient temperature or purpose of use.
- The first time you turn the unit on, set the temperature control to “7”.
- The range of the temperature control is from position “1” the warmest to “7” the coldest in the freezer section. After 24 to 48 hours, adjust the temperature control to the setting that best suits your needs. The setting of “4” should be correct for home or office refrigerator use.



NOTE:

- IF THE UNIT IS UNPLUGGED, HAS LOST POWER, OR IS TURNED OFF, YOU MUST WAIT 3 TO 5 MINUTES BEFORE RESTARTING THE UNIT. IF YOU ATTEMPT TO RESTART BEFORE THIS TIME DELAY, THE REFRIGERATOR-FREEZER WILL NOT START.

NOTE:

- Turning the temperature control to "OFF " position stops the cooling cycle but does not shut off the power to the freezer.
- If the unit is unplugged, lost power, or turned off; you must wait 3 to 5 minutes before restarting the unit. If you attempt to restart before this time delay, the freezer will not start.
- Large amounts of food will lower the cooling efficiency of the appliance.
- If you choose to change the thermostat setting, adjust thermostat control by one numerical increment at a time. Allow several hours for temperature to stabilize between adjustments.

➤ Defrosting Your Freezer

- When? For the most efficient operation and minimum energy consumption, defrost the freezer when the frost on the freezer walls is excessive or ¼ to ½ inch thick.
- Choose a time when the stock of frozen food is low.

CAUTION

Do not use boiling water because it may damage the plastic parts. In addition, never use a sharp or metallic instrument to remove frost as it may damage the cooling coils and will void the warranty. We recommend using the plastic scraper provided with your unit.

- Remove the frozen food from the freezer and place it in a cooler to protect the food.
- Turn the thermostat knob to “OFF”.
- Unplug the freezer. The “POWER ON INDICATOR” light should be OFF.
- During defrosting, the ice melts into the cabinet.
- Remove the drain plug on the inside floor of the freezer by pulling straight out.
- Place a shallow pan outside drain outlet. The defrost water will drain out.
- Check the pan occasionally so the water does not overflow.
- Clean the interior of the freezer.
- Replace the plug on the inside floor.
- Reconnect electrical connection. The “POWER ON INDICATOR” light should be ON
- Reset the thermostat to desired setting.
- Allow the cabinet to cool for one hour.
- Return food to the freezer.

HELPFUL HINT:

Defrosting usually takes a few hours. Leaving the door open will help speed the process. Also, pouring warm water (not boiling) on the ice/frost will help speed melting. If you must use a scraper- please use caution - it is very easy to damage the freezer compartment and void your warranty.

➤ **The Freezer Compartment**

- This compartment is designed for the long-term storage of frozen food. Storage time is up to three months.
- The storage life of frozen foods varies and the recommended storage time should not be exceeded. 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 frozen foods manufacturer's instructions for a three star frozen food storage compartment or home freezer.
- Place frozen food into the freezer as quickly as possible after purchase. If there are instructions on the packet, carefully follow these instructions regarding storage times.
- The freezer door is susceptible to breaking due to excessive ice build up. Be sure to defrost when the ice reaches ¼ to ½ inch thick.

A storage basket is provided for the organization of odd-shaped items. To reach other packages in the freezer, just slide the basket to one side, or lift it out

➤ **Freezing Fresh Foods**

- Proper use of the appliance, adequately packed food, correct temperature and taking into account hygienic precautions will substantially influence the quality of freezing the food or storing of the frozen foods.
- This compartment is designed for the long-term storage of frozen food.
- The storage life of frozen foods varies and the recommended storage time should not be exceeded.
- Pre-packed commercially frozen food should be stored in accordance with the frozen foods manufacturer's instructions for a three star frozen food storage compartment or home freezer.
- Place frozen food into the freezer as quickly as possible after purchase. If there are instructions on the packet, carefully follow these instructions regarding storage times.
- Carefully select food you intend to freeze, it should be of adequate quality and suitable for freezing.
- Use correct packaging and wrap it tight.
- The packaging should be airtight and shouldn't leak since this could cause substantial vitamin loss and dehydration of foods.
- Foils and bags should be soft enough to tightly wrap around the foods.
- When preparing foods to be frozen, consider sanitary precautions.
- Mark packages with following data: kind and amount of foods and the date of loading.
- It is most important that the food is frozen as quickly as possible.
- If the loading amount is too large, the quality of freezing is reduced which affects the quality of frozen foods.

CARE AND MAINTENANCE

➤ Cleaning Your Freezer

- Upon installation of your new appliance, it is recommended that it be cleaned thoroughly.
- Turn the temperature 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 door 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.

➤ Vacation Time

- Remove all the food.
- Unplug the freezer.
- Clean the freezer.
- Leave the door 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 to child's' play.
- **Short vacations:** Leave the freezer operating during vacations of less than three weeks.
- **Long vacations:** 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 door open slightly: blocking it open if necessary or have the door removed.

➤ Moving Your Freezer

- Remove all the food.
- Securely tape down all loose items inside your freezer.
- Remove the rollers to prevent damage.
- Tape the doors shut.
- Be sure the freezer stays in the upright position during transportation.

➤ 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 toweling. Liners interfere with cold air circulation, making the freezer less efficient.

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

PROBLEMS WITH YOUR FREEZER

You can solve many common freezer problems easily, saving you the cost of a possible service call. Try the suggestions below to see if you can solve the problem before calling the servicer.

TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE
Freezer does not operate.	Not plugged in. The circuit breaker tripped or a blown fuse. The freezer temperature control is set at "0/OFF".
Compressor turns on and off frequently.	The room temperature is hotter than normal. A large amount of food has been added to the freezer. The door is open too often. The door is not closed completely. The temperature control is not set correctly. The door gasket does not seal properly. The freezer does not have the correct clearances. The freezer has recently been disconnected for a period of time. Four hours are required for the freezer to cool down completely.
Temperature inside the freezer is too warm.	Temperature control is set too warm. Turn the control to a cooler setting and allow several hours for the temperature to stabilize. Door is kept open too long or is opened too frequently. Warm air enters the freezer every time the door is opened. Open the door less often. The door is not closed completely. The door gasket does not seal properly. A large amount of warm or hot food might have been stored recently. Wait until the freezer has had a chance to reach its selected temperature. The freezer has recently been disconnected for a period of time. Four hours are required for the freezer to cool down completely.
Temperature inside the freezer is too cold.	Temperature control is set too cold. Turn the control to a warmer setting and allow several hours for the temperature to stabilize. Fast Freeze switch is turned on. This causes continuous running of the compressor and bypasses the temperature control.
Temperature of external freezer surface is warm.	The exterior 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.
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.
Bubbling or gurgling sound, like water boiling.	Refrigerant (used to cool freezer) is circulating throughout the system. This is normal.
Vibrations.	Check to assure that the freezer is on a level surface. Floor is uneven or weak. Freezer rocks on the floor when it is moved slightly. Be sure floor can adequately support freezer. Level the freezer by putting wood or metal shims under part of the freezer. The freezer is touching the wall. Re-level the

	freezer and move it from the wall. See "Installation Instructions".
Moisture forms on inside freezer walls.	Weather is hot and humid, which increases internal rate of frost build-up. This is normal. Door is slightly open. Door is kept open too long, or is opened too frequently. Open the door less often. The door is not sealed properly.
Moisture forms on outside of freezer.	Door is slightly open, causing cold air from inside the freezer to meet warm moist air from outside.
The door will not close properly.	The freezer is not on a level surface. The gasket is dirty. The storage basket is out of position.

**WIRING DIAGRAM
MODEL: KCNF073WS
PNC NO.: F738090**

