

Use & Care Guide  
Manual de Uso y Cuidado  
English / Español

# Kenmore®

## Top Mount Refrigerator

## Refrigerador-Congelador Superior

Models, Modelos: 18 cf 899.6231#, 899.7231# 21 cf 899.6133#, 899.7133#

\* color number, número de color

P/No.: 60139-0021700-00  
Transform SR Brands Management LLC  
Hoffman Estates, IL 60179 U.S.A.  
[www.kenmore.com](http://www.kenmore.com)



Code : F71MK-01-V1

# TABLE OF CONTENTS

<b>Product Record</b> .....	3	<b>Refrigerator Features</b> .....	19-20
<b>Warranty</b> .....	4	<b>Food Storage</b> .....	21
<b>Important Safety Instructions</b> .....	5-7	<b>Refrigerator Care</b> .....	22-23
<b>Specifications</b> .....	8	<b>Troubleshooting Guide</b> .....	24
<b>Installation Instructions</b> .....	9	<b>Service</b> .....	25
<b>Parts and Features</b> .....	11		
<b>Refrigerator Installation</b> .....	12-15		
Water Supply Requirements(optional) .....	12		
Connect the Water Supply(optional) .....	12-13		
Connect to Refrigerator .....	13		
Removing/Replacing,Level Refrigerator, Door Swapping Left And Right.....	14-15		
<b>Using Your Refrigerator</b> .....	16-18		
Before Use .....	16		
Refrigerator Use .....	16		
Ice Maker .....	17		
Controls .....	18		

# PRODUCT RECORD

In the space below, record the date of purchase, model and serial number of your product. You will find the model and serial number printed on an identification label located on the interior liner of the refrigerator compartment. Have these items of information available whenever you contact Sears concerning your product.

Model No. \_\_\_\_\_

Date of Purchase \_\_\_\_\_

Serial No. \_\_\_\_\_

Save these instructions and attach your sales receipt for future reference.

# KENMORE LIMITED WARRANTY



## REFRIGERATOR WARRANTY

### KENMORE LIMITED WARRANTY

WITH PROOF OF SALE, the following warranty coverage applies when this appliance is correctly installed, operated and maintained according to all supplied instructions.

#### One Year on Appliance

FOR ONE YEAR from the date of original sale (or, for deliveries in the State of California, one year from the date of original delivery) this appliance is warranted against defects in material or workmanship. A defective appliance will receive free repair. If the appliance cannot be repaired it will be replaced free of charge.

This warranty covers **ONLY** defects in material and workmanship, and will **NOT** pay for:

1. Expendable items that can wear out from normal use, including but not limited to filters, belts, bags or screw-in base light bulbs.
2. A service technician to clean or maintain this appliance, or to instruct the user in correct appliance installation, operation and maintenance.
3. Service calls to correct appliance installation not performed by Kenmore authorized service agents, or to repair problems with house fuses, circuit breakers, house wiring, and plumbing or gas supply systems resulting from such installation.
4. Damage to or failure of this appliance resulting from installation not performed by Kenmore authorized service agents, including installation that was not in accord with electrical, gas or plumbing codes.
5. Damage to or failure of this appliance, including discoloration or surface rust, if it is not correctly operated and maintained according to all supplied instructions.
6. Damage to or failure of this appliance, including discoloration or surface rust, resulting from accident, alteration, abuse, misuse or use for other than its intended purpose.
7. Damage to or failure of this appliance, including discoloration or surface rust, caused by the use of detergents, cleaners, chemicals or utensils other than those recommended in all instructions supplied with the product.
8. Damage to or failure of parts or systems resulting from unauthorized modifications made to this appliance.
9. Service to an appliance if the model and serial plate is missing, altered, or cannot easily be determined to have the appropriate certification logo.

#### Disclaimer of implied warranties; limitation of remedies

Customer's sole and exclusive remedy under this limited warranty shall be product repair or replacement as provided herein. Implied warranties, including warranties of merchantability or fitness for a particular purpose, are limited to one year on the appliance and for as long as used on the storage bins, or the shortest period allowed by law. Seller shall not be liable for incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitation on the duration of implied warranties of merchantability or fitness, so these exclusions or limitations may not apply to you.

This warranty applies only while this appliance is used in the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Transform SR Brands Management LLC, Hoffman Estates, IL 60179

# IMPORTANT SAFETY INSTRUCTIONS

## BASIC SAFETY PRECAUTIONS

This guide contains many important safety messages. Always **read and obey** all safety messages.



This is the safety alert symbol. It alerts you to safety messages that inform you of hazards that can kill or hurt you or others, or cause damage to the product.

All safety messages will be preceded by the safety alert symbol and the hazard signal word DANGER, WARNING or CAUTION. These words mean:

**! DANGER**

You **will** be killed or seriously injured if you do not follow instructions.

**! WARNING**

You **can** be killed or seriously injured if you do not follow instructions.

**! CAUTION**

Indicates an imminently hazardous situation which, if not avoided, **may** result in minor or moderate injury, or product damage.

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

## **! WARNING**

**To reduce the risk of fire, electric shock, or personal injury when using your product, basic safety precautions should be followed, including the following.**

**Read all instructions before using this appliance.**

- NEVER unplug your refrigerator by pulling on the power cord. Always grip the plug firmly and pull it straight out from the outlet.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard. Do not use a cord that shows cracks or abrasion damage along its length or at either the plug or connector end.
- Do not modify or extend the power cord length. It could cause electric shock or fire.
- When moving your refrigerator away from the wall, be careful not to roll over or damage the power cord.
- DO NOT store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- DO NOT allow children to climb, stand, or hang on the refrigerator doors or shelves in the refrigerator. They could damage the refrigerator and seriously injure themselves.
- Keep fingers out of pinch point areas; clearances between the doors and cabinets are necessarily small. Be careful closing doors when children are in the area.
- Unplug your refrigerator before cleaning or making any repairs.

**NOTE:** It is strongly recommended that any service be performed by a qualified technician.

- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer
- Do not damage the refrigerant circuit
- Do not use electrical appliances inside the food storage compartments of the appliance unless they are of the type recommended by the manufacturer
- Connect to potable water supply only.

## SAVE THESE INSTRUCTIONS

## IMPORTANT SAFETY INSTRUCTIONS

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

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

## IMPORTANT SAFETY INSTRUCTIONS

<p><b>DANGER</b> risk of fire or explosion. Flammable refrigerant used. Do not use mechanical devices to defrost refrigerator. Do not puncture refrigerant</p>	<p><b>DANGER</b> risque d'incendie ou d'explosion. Frigorigène inflammable utilisé. Ne pas utiliser d'appareils mécaniques pour dégivrer le réfrigérateur. Ne pas perforer la conduite de frigorigène.</p>
<p><b>DANGER</b> risk of fire or explosion. Flammable refrigerant used. To be repaired only by trained service personnel. Do not puncture refrigerant tubing.</p>	<p><b>DANGER</b> risque d'incendie ou d'explosion. Frigorigène inflammable utilisé. La réparation doit être faite seulement par un personnel qualifié. Ne pas perforer la conduite de frigorigène.</p>
<p><b>CAUTION</b> 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.</p>	<p><b>ATTENTION</b> risque d'incendie ou d'explosion. Frigorigène inflammable utilisé. Consulter le manuel de réparation/manual du propriétaire avant d'entreprendre l'entretien de ce produit. Toutes les mesures de sécurité doivent être respectées.</p>
<p><b>CAUTION</b> risk of fire or explosion. Dispose of properly in accordance with federal or local regulations. Flammable refrigerant used.</p>	<p><b>ATTENTION</b> risque d'incendie ou d'explosion. Éliminer convenablement conformément à la réglementation fédérale ou locale frigorigène inflammable utilisé.</p>
<p><b>CAUTION</b> risk of fire or explosion due to puncture or refrigerant tubing; follow handling instructions carefully. Flammable refrigerant used.</p>	<p><b>ATTENTION</b> La perforation de la conduite de frigorigène peut entraîner un incendie ou une explosion. Suivre avec soin les instructions fournies. Frigorigène inflammable utilisé.</p>
<p><b>WARNING</b> keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.</p>	<p><b>AVERTISSEMENT</b> les prises d'air de l'enceinte de l'appareil ou de la structure encastré doivent être dégagées en tout temps.</p>
<p><b>WARNING</b> do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.</p>	<p><b>AVERTISSEMENT</b> ne pas utiliser d'appareils mécaniques ou autres moyens pour accélérer le dégivrage que ceux recommandés par le fabricant.</p>
<p><b>WARNING</b> do not damage the refrigerant circuit.</p>	<p><b>AVERTISSEMENT</b> ne pas endommager le circuit frigorigène.</p>
<p><b>WARNING</b> do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.</p>	<p><b>AVERTISSEMENT</b> ne pas utiliser d'appareils électriques à l'intérieur du compartiment de conservation des aliments de cet appareil, sauf s'ils sont du type recommandé par le fabricant.</p>
<p><b>WARNING</b> connect to potable water supply only.</p>	<p><b>MISE EN GARDE:</b> Raccorde uniquement à un réseau d'alimentation en eau potable.</p>
<p><b>DANGER</b> risk of child entrapment. Before you throw away your old refrigerator or freezer : Take off the doors. Leave the shelves in place so that children may not easily climb inside.</p>	<p><b>DANGER :</b> Risque d'enfermer les enfants. Avant de jeter votre vieux réfrigérateur ou congélateur: Retirer les portes. Laisser les tablettes en place de façon à empêcher l'accès aux enfants</p>

# SPECIFICATIONS

\* This instruction manual refers to several models. Features may vary according to model

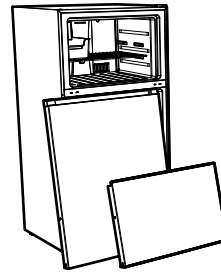
MODELS		899.6231#	899.7231#	899.6133#	899.7133#
EXTERNAL DIMENSIONS	WIDTH	29.5 in	29.5 in	32.7 in	32.7 in
	BACKGROUND	30.75 in	30.75 in	30.75 in	30.75 in
	HIGH	66.38 in	66.38 in	66.38 in	66.38 in
NET WEIGHT		163 lbs	166 lbs	176 lbs	179 lbs
SYSTEM CHARACTERISTICS	FREEZER CAPACITY	4.3 cu ft	4.2 cu ft	4.9 cu ft	4.8 cu ft
	FRESH FOOD CAPACITY	13.9 cu ft	13.9 cu ft	15.6 cu ft	15.6 cu ft
	TOTAL CAPACITY	18.2 cu ft	18.1 cu ft	20.5 cu ft	20.4 cu ft
	REFRIGERANT	R600a			
	DEFROST SYSTEM	BY RESISTANCE, TYPE SHEATH			
		AUTOMATIC			
	COOLING SYSTEM	FORCED CONVECTION			
SUPPLY VOLTAGE	115V/60Hz				
RATED POWER INPUT OF ICE MAKER (OPTIONAL)		160W			
MAXIMUM INLET WATER PRESSURE		827 kPa(120psi)			
MINIMUM INLET WATER PRESSURE		138 kPa(20psi)			

## Proper Disposal of Your Old Refrigerator

### **⚠ DANGER**

#### **Child Entrapment and Suffocation Hazard**

Remove doors from your old refrigerator.  
Failure to do so can result severe injury or death.



#### **Before You Throw Away Your old refrigerator or freezer:**

- Take off the doors.
- Leave the shelves in place so that children may not easily climb inside.

Junked or abandoned refrigerators are still dangerous – even if they will sit for “just a few days.” If you are getting rid of your old refrigerator, please follow these instructions to help prevent accidents.

#### **Important information to know about disposal of refrigerants:**

Dispose of refrigerator in accordance with Federal and Local regulations. Refrigerants must be evacuated by a licensed, EPA certified refrigerant technician in accordance with established procedures.

#### CALIFORNIA PROPOSITION 65

### **⚠ WARNING**

The use of this appliance can expose you to chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



# INSTALLATION INSTRUCTIONS

## Unpack the Refrigerator

### **WARNING**

#### **Excessive Weight Hazard**

Use two or more people to move and install refrigerator.  
Failure to do so can result in back or other injury.

## Remove the Packaging

- Remove tape and glue residue from surfaces before turning on the refrigerator. Rub a small amount of liquid dish soap over the adhesive with your fingers. Wipe with warm water and dry.

**NOTE:** Do not use sharp instruments, rubbing alcohol, flammable fluids, or abrasive cleaners to remove tape or glue. These products can damage the surface of your refrigerator. For more information, see “Refrigerator Safety.”

- Dispose of/recycle all packaging materials.

**Important:** Do not remove the white foam air return insert that is located behind the control panel on the ceiling of the refrigerator (on some models). The insert is part of the refrigerator and not part of the packing material. If the insert is removed, ice may migrate down from the freezer and cause icicles to form.

#### **When Moving Your Refrigerator:**

Your refrigerator is heavy. When moving the refrigerator for cleaning or service, be sure to cover the floor with cardboard or hardboard to avoid floor damage. Always pull the refrigerator straight out when moving it. Do not wiggle or “walk” the refrigerator when trying to move it, as floor damage could occur.

## Clean Before Using

- After you remove all of the package materials, clean the inside of your refrigerator before using it. See the cleaning instructions in “Refrigerator Care.”

#### **Important information to know about glass shelves and covers:**

Do not clean glass shelves or covers with warm water when they are cold. Shelves and covers may break if exposed to sudden temperature changes or impact, such as bumping. Tempered glass is designed to shatter into many small, pebble-size pieces. This is normal. Glass shelves and covers are heavy. Use both hands when removing them to avoid dropping.

# INSTALLATION INSTRUCTIONS

## Location Requirements

### **WARNING**



#### **Explosion Hazard**

Keep flammable materials and vapors, such as gasoline, away from refrigerator.  
Failure to do so can result in death, explosion, or fire.

**Important:** This refrigerator is designed for indoor household use only.

To ensure proper ventilation for your refrigerator, allow for 3" (7.6 cm) of space on each side and at the top. Allow for 3" (7.6 cm) of space behind the refrigerator. If your refrigerator has an icemaker, allow extra space at the back for the water line connections. When installing your refrigerator next to a fixed wall, leave a 3" (7.6 cm) minimum space on the hinge side (some models require more) to allow the door to swing open.

**NOTE:** This refrigerator is intended for use in a location where the temperature ranges from a minimum of 50°F (10°C) to a maximum of 100°F (38°C). The preferred room temperature range for optimum performance, which reduces electricity usage and provides superior cooling, is between 60°F (15°C) and 90°F (32°C). It is recommended that you do not install the refrigerator near a heat source, such as an oven or radiator.

Use caution when installing the unit on vinyl or hardwood floors so as not to mark or otherwise damage the flooring. A piece of plywood, a rug or other material should be used to protect the floor while positioning the unit.

## Electrical Requirements

### **WARNING**



#### **Electrical Shock Hazard**

Plug into a grounded 3 prong outlet.  
Do not remove ground prong. Do not use an adapter.  
Do not use an extension cord.  
Failure to follow these instructions can result in death, fire, or electrical shock.

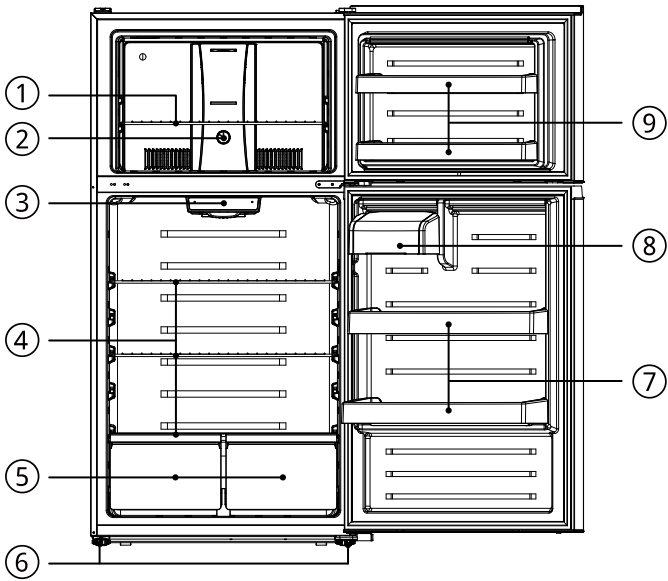
Before you move your refrigerator into its final location, it is important to make sure you have the proper electrical connection.

#### **Recommended grounding Method**

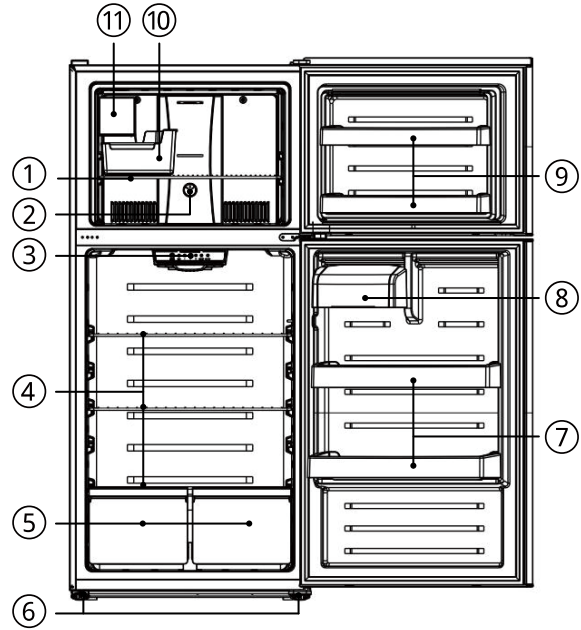
A 115 volt, 60 Hz, AC only, 15- or 20-amp fused, grounded electrical supply is required. It is recommended that a separate circuit serving only your refrigerator be provided. Use an outlet that cannot be turned off by a switch. Do not use an extension cord.

**NOTE:** Before performing any type of installation or cleaning, disconnect the refrigerator from the electrical source. When you are finished, reconnect the refrigerator to the electrical source.

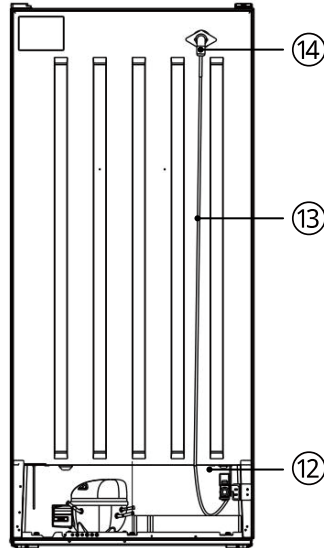
# PARTS AND FEATURES



- 1. Shelves
- 2. Freezer control
- 3. Refrigerator control
- 4. Shelves
- 5. Crisper drawers
- 6. Leveling feet  
Wheels
- 7. Door bins
- 8. Dairy bin
- 9. Door bins



- 1. Shelves
- 2. Freezer control
- 3. Refrigerator control
- 4. Shelves
- 5. Crisper drawers
- 6. Leveling feet  
Wheels
- 7. Door bins
- 8. Dairy bin
- 9. Door bins
- 10. Icebucket
- 11. Icemaker
- 12. WaterValve
- 13. Tube Assembly
- 14. Tube



# REFRIGERATOR INSTALLATION

Models :899.6231# 899.6133#

If you need to install an ice maker, please contact after-sales service.

Models :899.7231# 899.7133#

## Water Supply Requirements(optional)

### Tools Needed:

- 1/2" open-end wrenches or adjustable wrench

### Water Pressure

**Important:** A cold water supply with water pressure between 20 and 120 psi (138 and 827 kPa) is required to operate the icemaker.

**NOTE:** If the water pressure is less than what is required, ice cubes could be hollow or irregular shaped. If you have questions about your water pressure, call a licensed, qualified plumber.

### Reverse osmosis water Supply

If a reverse osmosis water filtration system is connected to your cold water supply, the water pressure to the reverse osmosis system needs to be a minimum of 40 to 60 psi (276 to 414 kPa). If the icemaker is still not operating properly:

- Check to see whether the sediment filter in the reverse osmosis system is blocked. Replace the filter if necessary.
- Allow the storage tank on the reverse osmosis system to refill after heavy usage.

## Connect the Water Supply(optional)

Read all directions before you begin.

**Important:** If you turn the refrigerator on before the water line is connected, turn the icemaker OFF.

### Connect to Water Line

1. Unplug refrigerator or disconnect power.
2. Turn OFF main water supply. Turn ON nearest faucet long enough to clear line of water.
3. Locate a 1/2" to 1 1/4" (1.25 cm to 3.18 cm) vertical cold water pipe near the refrigerator.

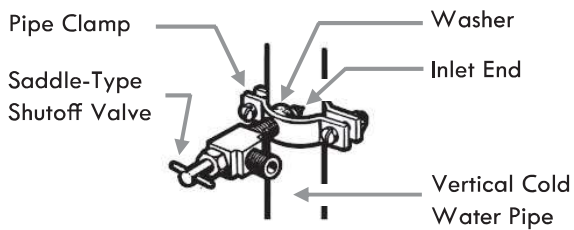
### Important:

- Make sure it is a cold water pipe.
  - Horizontal pipe will work, but drill on the top side of the pipe, not the bottom. This will help keep water away from the drill and normal sediment from collecting in the valve.
4. Determine the length of copper tubing you need. Measure from the connection on the lower left rear of refrigerator to the water pipe. Add 8 ft (2.4 m) to allow for cleaning. Use 1/4" (6.35 mm) O.D. (outside diameter) copper tubing. Be sure both ends of copper tubing are cut square.

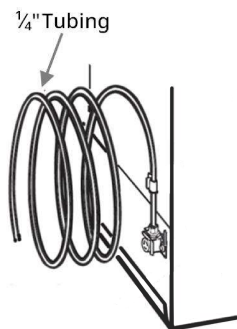
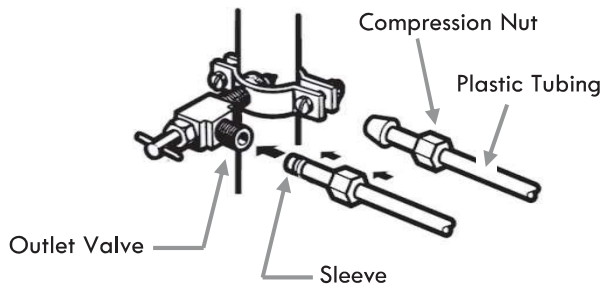
# REFRIGERATOR INSTALLATION

## Connect the Water Supply (continued)

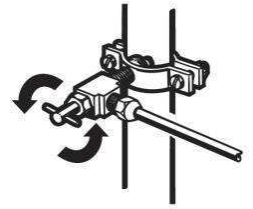
5. Drill a 1/4" hole in the cold water pipe (even if using a self-piercing valve), using a sharp bit. Remove any burrs resulting from drilling the hole in the pipe. Take care not to allow water to drain into the drill. Failure to drill a 1/4" hole may result in reduced ice production or smaller cubes.
6. Fasten the shutoff valve to the cold water pipe with the pipe clamp. Be sure the outlet end is solidly in the 1/4" drilled hole in the water pipe and that the washer is under the pipe clamp. Tighten the packing nut. Tighten the pipe clamp screws slowly and evenly so washer makes a watertight seal. Do not overtighten or you may crush the cold water pipe.



7. Place the compression nut and sleeve for copper tubing onto the end of the tubing and connect it to the shutoff valve. Make sure the tubing is fully inserted into the valve. Tighten the compression nut securely. For plastic tubing, insert the molded end of the tubing into the shutoff valve and tighten compression nut until it is hand-tight; then tighten one additional turn with a wrench. Overtightening may cause leaks.



8. Turn shutoff valve ON.  
Reattach the access cover.



9. Check for leaks. Tighten any connections (including connections at the valve) or nuts that leak.
10. If your water conditions require a water strainer, install it in the 1/4" (6.35mm) water line at either tube connection. Obtain a water strainer from your nearest appliance dealer.
11. It is recommended not to consume the first ice making, and to consume the second ice making again.

# REFRIGERATOR INSTALLATION

## REMOVING AND REPLACING REFRIGERATOR DOORS

### **! WARNING**

#### **Risk of electric shock!**

Before removing top hinge cover

- Shut off the water supply to the appliance.
- Unplug the appliance or switch off power from the breaker or fuse panel.

## LEVEL REFRIGERATOR

**IMPORTANT:** Level the refrigerator for proper operation and to avoid cooling, frost and moisture problems that can occur when the door does not close properly.

1. Move the refrigerator to its final location. See "Move to Final Location."
2. Place a carpenter's level on the top of the refrigerator cabinet.
3. Adjust the two leveling feet, (one foot located at each of the two front corners of the refrigerator cabinet) until the refrigerator is level.


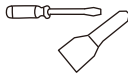


**NOTE:** The leveling feet are easier to adjust if you have someone push against the top front of the refrigerator to take some weight off the feet.




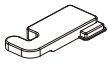
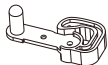
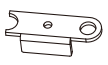
To raise the refrigerator - Turn the leveling feet clockwise.  
To lower the refrigerator - Turn the leveling feet counterclockwise.

## REVERSE THE DOOR SWING

### List of tools to be provided by the user

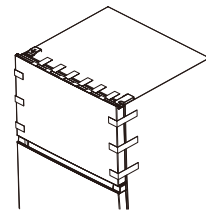
	Phillips-head Screwdriver		Putty knife Flat-head Screwdriver
	5/16" socket and ratchet		Masking tape

### Parts included with the hinge kit

	Top left hinge		Left top hinge cover
	Upper door self-locking block		Left door open stopper

1. Unplug your refrigerator and remove all food from the door shelves.

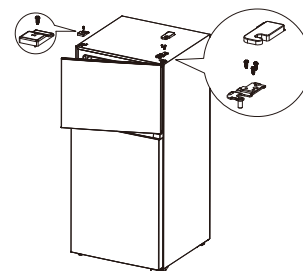
Remove all food from the inner door liner. Tape the freezer door in place with masking tape.



2. Use Phillips-head screwdriver and remove the left cover plate and the right top hinge cover, then unscrew and remove the right top hinge. Keep the screws to reuse.

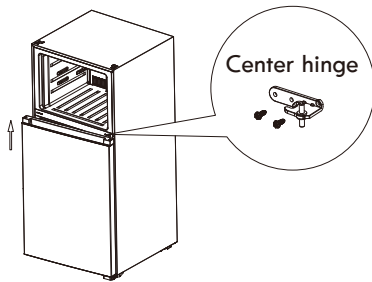
Left cover plate

Right top hinge cover

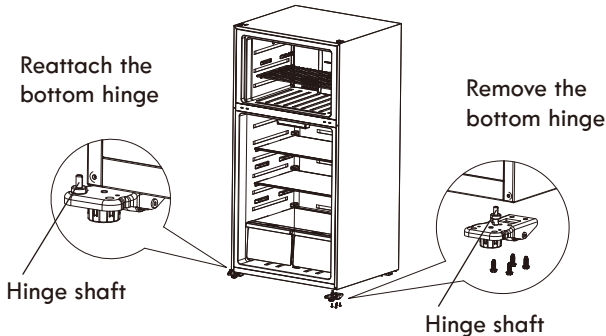


3. Lift the freezer door up and away from your refrigerator. Place the doors on a protective surface.
4. Use Phillips-head screwdriver and unscrew screws of middle hinge, remove the hinge, then lift the refrigerator door up and away from your refrigerator. Save the screws to reuse.

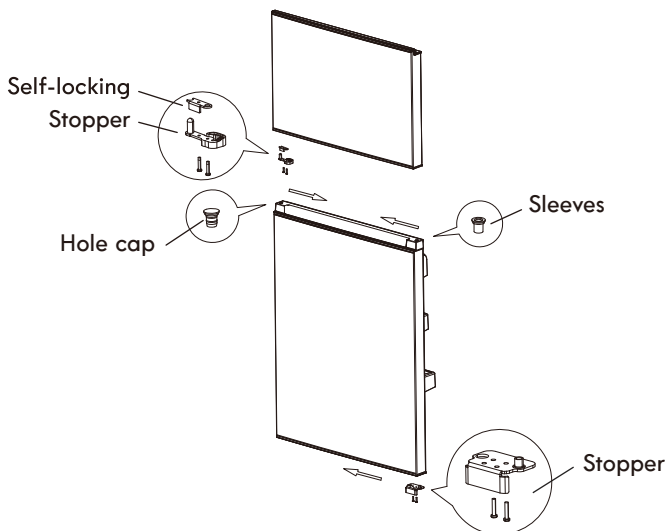
# REFRIGERATOR INSTALLATION



- Use Phillips-head screwdriver and unscrew screws of the bottom hinge, then remove the bottom hinge from the bottom right side of the refrigerator.
- Unscrew the hinge shaft from the right side of the bottom hinge and move it to the left side, then secure the bottom hinge to the bottom left side of the refrigerator, using the screws you removed previously.

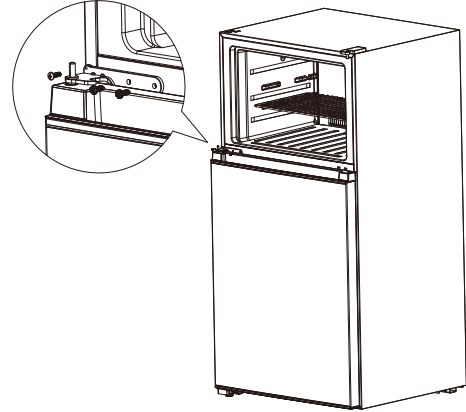


- Remove the sleeves from the top right of doors and hole cap from top left of doors, and assemble them on the opposite sides.
- Remove the refrigerator door stopper and install it on the other side of the door. Remove the freezer door self-locking block and stopper save them to reuse take out the left self-locking block and stopper from the accessory bag in the refrigerator and installed on the left of door.

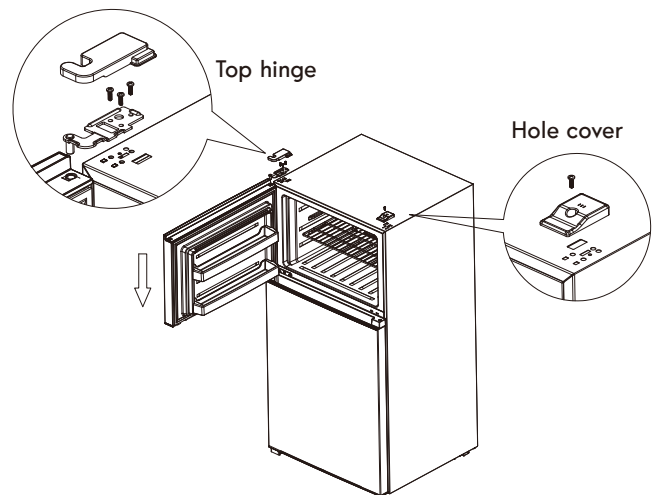


- Put down the refrigerator door bottom hinge vertically, take out the middle hinge of the other side from the accessory bag then assemble the middle hinge on.

Attach the left center hinge



- Put down the freezer door on the middle hinge vertically, then take out the top hinge and cover of other side from accessory bag, assemble top hinge, hinge cover and hole cover.



(The picture above is only for reference. The actual configuration will depend on the physical product.)

# USING YOUR REFRIGERATOR

## BEFORE USE

### WAITING PERIOD

- Before plugging the refrigerator into a grounded 3-prong electrical outlet, allow it to stand upright for approximately 2 hours.

NOTE: This reduces the possibility of a malfunction in the cooling system from improper handling during transportation.

### CLEANING

1. Wash the refrigerator interior using a soft cloth dampened with a baking soda solution (2 tablespoons baking soda mixed with 1 quart of warm water).
2. Using a soft cloth, thoroughly dry all surfaces.

## REFRIGERATOR USE

### GENERAL

- The storage life of frozen foods varies and the recommended storage time should not be exceeded.

### WARNING

#### Electrical Shock Hazard

- Plug into a grounded 3 prong outlet.
- Do not remove the ground prong from the power cord plug.
- Do not use an adapter.
- Do not use an extension cord.
- Failure to do so can result in death, fire or electrical shock.

1. Plug in your refrigerator. Wait for 30 minutes, and then open the refrigerator door to determine if the refrigerator has started working.
2. Place frozen food into the refrigerator as quickly as possible after purchase. If there are instructions on the package, carefully follow these instructions regarding storage times.

### ENERGY SAVING TIPS

- Allow hot foods to cool to room temperature before placing them in the refrigerator. Foods that freeze too slowly may lose quality or spoil.
- Overloading the refrigerator forces the compressor to run longer.
- Wrap foods properly and wipe containers dry before placing them in the refrigerator. This cuts down on frost build-up inside the refrigerator.
- Do not line refrigerator storage shelves with aluminum foil, wax paper or paper toweling. Liners interfere with cold air circulation, making the refrigerator less efficient.
- Organize and label food to reduce door openings and extended searches. Remove as many items as needed at one time, and then close the door as soon as possible.
- Do NOT add a large amount of unfrozen food to the refrigerator at one time. This will lower the cooling efficiency of the refrigerator.



# USING YOUR REFRIGERATOR

## ICE MAKER INSTALLATION INSTRUCTIONS (OPTIONAL)

Based on the model you purchased, your refrigerator comes with an ice maker or is ice maker ready. If you need an ice maker, optional icemaker kit model "FD/101S-8M" is available from your retailer.

### Tools Required:

- 1/4" copper supply line with shut off valve
- 1/4" brass compression nut and ferrule
- Minimum/Maximum inlet water pressure, 138/827 kPa (20/120 PSIG). Connect to potable water supply only.

The copper tubing and shut off valve are available in a kit from your local hardware or plumbing supply store. Coil enough tubing at the back of the unit to allow movement for cleaning.

### ⚠ WARNING

Unplug the refrigerator. To eliminate the danger of electric shock during installation, you must unplug the refrigerator from its electrical outlet.

### ⚠ CAUTION

Do Not place the ice container in your dishwasher.

- Wash ice container in warm water with mild detergent. Rinse well and dry.
- Stop the ice maker when cleaning the freezer or for short vacations.
- If the ice maker will be turned off for a long period of time, turn the water supply valve to the closed position.
- Do not allow your children to touch the ice maker. This could cause injury.

## Ice Production Rate

- 8 pieces of ice are made each time, with a total weight of 0.209 ~ 0.287lb. The shape of ice is "half-moon".
- Ice production volume is about 0.276lb/1.2 hours, 5.5lb/day (ice production volume is related to refrigerator refrigeration efficiency)

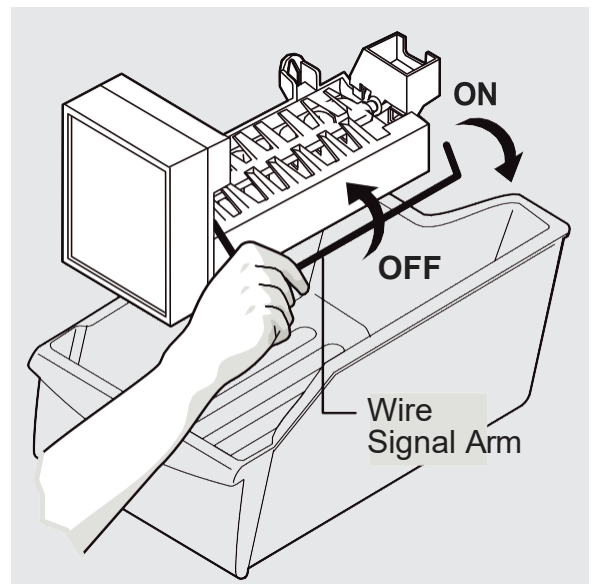
## Automatic Ice Maker Tips

Remember that water quality determines your ice quality. If the water source uses a water softener, ensure that the softener is maintained and working properly. Chemicals from a malfunctioning softener can damage the ice maker.

To stop the ice maker, lift the wire signal arm until it clicks and locks in the "up" or OFF position. The ice maker turns off automatically when the ice container is full. If your model has an adjustable freezer shelf, place the shelf so the wire signal arm will hit the ice when the ice container is full.

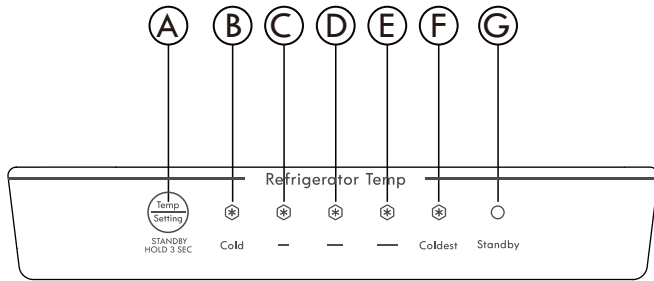
## Ice Maker Tips

- Ice stored too long may develop an odd flavor. Empty the container and be sure the wire signal arm is in its "down" or ON position. The ice maker will then produce more ice.
- Occasionally shake the container to keep ice separated.
- Keep the wire signal arm in its "up" or OFF position until the refrigerator is connected to the water supply or whenever the water supply is turned off.
- The following sounds are normal when the ice maker is operating.
  - Motor running
  - Ice loosening from tray
  - Ice dropping into ice container
  - Running water
  - Water valve opening or closing



# USING YOUR REFRIGERATOR

## CONTROLS



- Ⓐ Setting button
- Ⓑ LED1 COOL indicator
- Ⓒ LED2 indicator
- Ⓓ LED3 indicator
- Ⓔ LED4 indicator
- Ⓕ LED5 COOLEST indicator
- Ⓖ LED6 Standby mode

## DISPLAY


The refrigerator default setting is medium, and the LED 3 indicator will be illuminated.

Normal operation display.

In case of a failure, the appropriate LED light show in combination the failure code (in recycling display).

In case of no failures, the actual operation position of refrigerator will be on display.

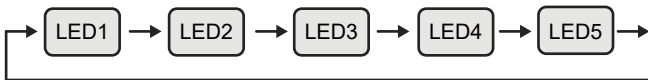
## TEMPERATURE SETTING

Each time the temperature setting  is pressed once, the temperature setting changes one time.



After the temperature setting has been completed, the refrigerator will run according to the set value after 25s.

From left to right, the temperature is lower.

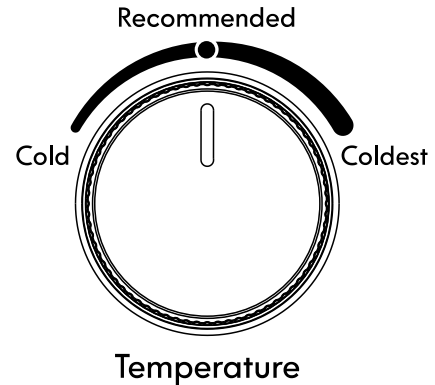
The order of coldness settings is as follows:



## STANDBY MODE

To enter standby mode, press the setting  for 3 seconds when the refrigerator is running. In standby mode, the compressor will not operate and the standby indicator light will be illuminated. To resume normal operation, just press the setting  momentarily. Caution: The refrigerator will not cool or freeze while in standby mode.

## SETTING THE FREEZER TEMPERATURE



Turn the controls to adjust the freezer temperature.

Place frozen food into the freezer as quickly as possible after purchase. Pay attention to the storage time on the food packaging instructions. The storage life of frozen foods varies and the recommended storage time should not be exceeded.

# REFRIGERATOR FEATURES

Your model may have some or all of these features.

## To know about glass shelves and covers:

### Refrigerator Shelves

The shelves in your refrigerator are adjustable to match your individual storage needs.

Storing similar food items together in your refrigerator and adjusting the shelves to fit different heights of items will make finding the exact item you want easier. It will also reduce the amount of time the refrigerator door is open, and save energy.

#### Important:

- Do not clean glass shelves or covers with warm water when they are cold. Shelves and covers may break if exposed to sudden temperature changes or impact, such as bumping.
- Tempered glass is designed to shatter into many small, pebble-size pieces. This is normal.
- Glass shelves and covers are heavy. Use both hands when removing them to avoid dropping.
- Do not place warm or hot items in the refrigerator.

#### CAUTION: To avoid personal injury or property damage.

- Never attempt to adjust a shelf when it is loaded with food.
- Confirm that shelf is secure prior to loading items onto it.

## Crisper

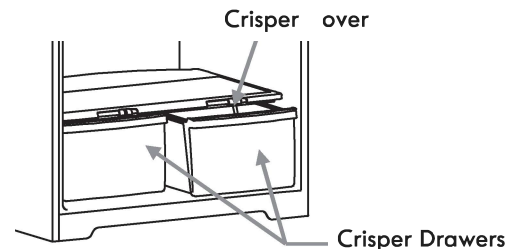
### Crisper Drawers

The Crispers provide a storage area for fruit and vegetables.

Excess water that may accumulate in the bottom of the drawers or under the drawers should be wiped dry.

#### To remove and replace the crisper drawer:

1. Slide the crisper drawer straight out to the stop. Lift the front and slide the drawer out the rest of the way.
2. Replace the drawer by sliding the drawer in fully past the stop.



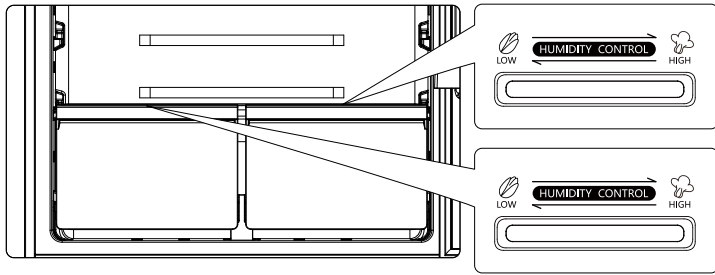
container and store in crisper.

Leafy vegetables: Wash in cold water, drain and trim or tear off bruised and discolored areas. Place in plastic bag or plastic container and store in crisper.

**NOTE:** If the refrigerator door prevents you from taking out a crisper drawer, first try removing any obstructing door bins. If bin removal still does not provide enough clearance, the refrigerator will need to be rolled forward from its installation position until the door can be opened enough to glide the drawers out.

# REFRIGERATOR FEATURES

## HUMIDITY CONTROLLED CRISPER



The crispers provide fresher tasting fruit and vegetables by letting you easily control humidity inside the drawer. You can control the amount of humidity in the moisture sealed crispers by adjusting the control to any setting between VEGETABLES and FRUIT.

- Slide the Humidity Control toward "HIGH" to keep moist air in crisper for best storage of fresh, leafy vegetables.
- Slide the Humidity Control toward "LOW" to release moist air from crisper for best storage of fruit.

### ⚠ CAUTION:

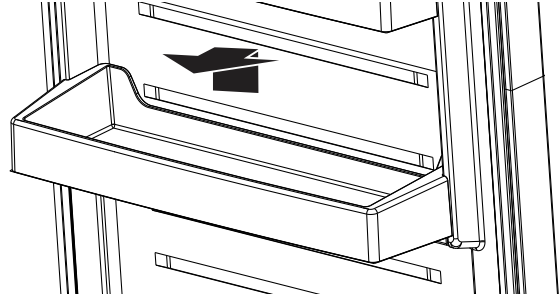
To avoid personal injury or property damage.

- Never attempt to adjust a shelf when it is loaded with food.
- Confirm that shelf is secure prior to loading items onto it.

## Door Bins

To remove and replace the bins:

1. Remove the bin by lifting it and pulling it straight out.
2. Replace the bin by sliding it in above the desired support and pushing it down until it stops.

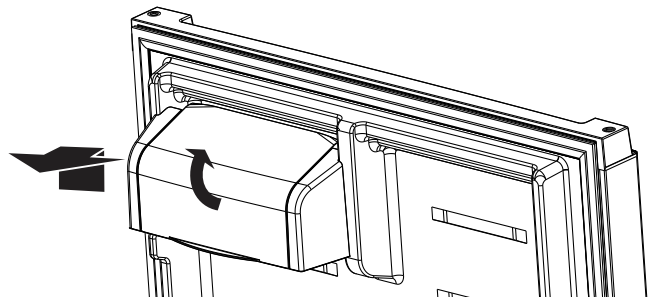


## Dairy Compartment

The covered dairy compartment is designed to store spreadable food items such as butter or margarine. To use this compartment, simply raise the lid to store or retrieve items.

To remove for cleaning:

1. Grasp the dairy compartment from the bottom and lift up and out.



## Fresh Food Storage

- The fresh food compartment of a refrigerator should be kept between 34°F (1°C) and 40°F (4°C) with an optimum temperature of 37°F (3°C). To check the temperature, place an appliance thermometer in a glass of water and place in the center of the refrigerator. Check after 24 hours. If the temperature is above 40°F (4°C) adjust the control as explained on “**Temperature Control**” page.
- Avoid overcrowding the refrigerator shelves. This reduces the circulation of air around the food and results in uneven cooling.
- Storage in the crisper drawers traps humidity to help preserve the fruit and vegetable quality for longer time periods
- Sort fruits and vegetables before storage and use bruised or soft items first. Discard those showing signs of decay.
- Always wrap odorous foods such as onions and cabbage so the odor does not transfer to other foods.
- While vegetables need a certain amount of humidity to remain fresh, too much moisture can shorten storage times (especially leafy items). Drain vegetables well before storing.
- Raw meat and poultry should be wrapped securely so leakage and contamination of other foods or surfaces does not occur.
- Occasionally mold will develop on the surface of hard cheeses (Swiss, Cheddar, Parmesan). Cut off at least an inch around and below the moldy area. Keep your knife or instrument out of the mold itself. Do not try to save individual cheese slices, soft cheese, cottage cheese, cream, sour cream or yogurt when mold appears.
- Most dairy foods such as milk, yogurt, sour cream and cottage cheese have freshness dates on their cartons for appropriate length of storage. Store these foods in the original carton and refrigerate immediately after purchasing and after each use.

## Freezer Food Storage

- The freezer compartment of a refrigerator should be kept at approximately 0°F (-18°C). To check the temperature, place an appliance thermometer between the frozen packages and check after 24 hours. If the temperature is above 0°F (-18°C), adjust the control as explained on “**Temperature Control**” page.
- Storage times will vary according to the quality and type of food, the type of packaging or wrap used (should be airtight and moisture-proof), and the storage temperature.
- Seal the package or container securely to avoid taste and odor transfer throughout the product. Ice crystals inside a sealed package are normal. This simply means that moisture in the food and air inside the package have condensed, creating ice crystals.
- A freezer operates more efficiently when it is at least 2/3 full. Leave a space between the packages so cold air can circulate freely, allowing food to freeze as quickly as possible.
- To minimize dehydration and quality deterioration use aluminum foil, freezer wrap, freezer bags or airtight containers. Force as much air out of the packages as possible and be sure they are tightly sealed. Trapped air can cause the food to dry out, change color and develop an off-flavor (freezer burn).
- Do not refreeze meat that has completely thawed.
- Avoid adding too much warm food to the freezer at one time. This overloads the freezer, slows the rate of freezing and can raise the temperature of frozen foods.
- Avoid storing hard-to-freeze foods such as ice cream and orange juice on the freezer door shelves. These foods are best stored in the freezer interior where the temperature varies less with door openings.

# REFRIGERATOR CARE

## Cleaning

### **WARNING**



#### **Explosion Hazard**

Use nonflammable cleaner.

Failure to do so can result in death, explosion, or fire.

Both the refrigerator and freezer sections defrost automatically. However, clean both sections about once a month to avoid buildup of odors. Wipe up spills immediately.

**Important:** Because air circulates between both sections, any odors formed in one section will transfer to the other. You must thoroughly clean both sections to eliminate odors. To avoid odor transfer and drying out of food, wrap or cover foods tightly.

## To Clean Your Refrigerator

**Warning:** To avoid electrical shock which can cause severe personal injury or death, disconnect the power cord before moving or cleaning the refrigerator.

**NOTE:** Do not use abrasive or harsh cleaners such as window sprays, scouring cleansers, flammable fluids, cleaning waxes, concentrated detergents, bleaches or cleansers containing petroleum products on exterior surfaces (doors and cabinet), plastic parts, interior and door liners or gaskets. Do not use paper towels, scouring pads, or other harsh cleaning tools.

1. Unplug refrigerator or disconnect power.
2. Hand wash, rinse, and dry removable parts and interior surfaces thoroughly. Use a clean sponge or soft cloth and a mild detergent in warm water.
3. Clean the exterior surfaces.

**Painted metal:** Wash painted metal exteriors with a clean, soft cloth or sponge and a mild detergent in warm water. Rinse surfaces with clean, warm water and dry immediately to avoid water spots.

**Imitation Stainless steel:** Wash stainless steel surfaces with a clean, soft cloth or sponge and a mild detergent in warm water. Rinse surfaces with clean, warm water and dry immediately to avoid water spots.

**NOTE:** When cleaning stainless steel, always wipe in the direction of the grain to avoid cross-grain scratching.

4. There is no need for frequent condenser cleaning in normal home operating environments. If the environment is particularly greasy or dusty, or there is significant pet traffic in the home, the condenser should be cleaned every 2 to 3 months to ensure maximum efficiency. If you need to clean the condenser:
  - Unplug and pull forward the refrigerator, and remove the rear cover (grille).
  - Use a vacuum cleaner with a soft brush to clean the rear cover, the open areas behind the rear cover and the front surface area of the condenser.
  - Replace the rear cover when finished.
5. Plug in refrigerator or reconnect power.

## Vacation and Moving Care

### Vacations

**If you choose to leave the refrigerator on while you're away:**

1. Use up any perishables and freeze other items.
2. If your refrigerator has an automatic icemaker, and is connected to the household water supply, turn off the water supply to the refrigerator. Property damage can occur if the water supply is not turned off.
3. Lift the ice probe of the ice maker to turn it off.
4. Empty the ice bin.

**If you choose to turn off the refrigerator before you leave:**

1. Remove all food from the refrigerator.
2. Disconnect the refrigerator from the electrical outlet.
3. If your refrigerator has an automatic icemaker:
  - Turn off the water supply to the icemaker at least one day ahead of time.
  - When the last load of ice drops, raise the wire shutoff arm to the OFF (up) position.
  - Bleed the water from the icemaker fill line and dry the icemaker thoroughly.
  - Make sure to remove all frozen items from the freezer compartment to prevent food from going bad.
4. Clean refrigerator, wipe it, and dry well.
5. Tape rubber or wood blocks to the tops of both doors to prop them open far enough for air to get in. This stops odor and mold from building up.

**NOTE:** If using an automatic icemaker, discard first two or three ice harvests, when refrigerator is put back into service .

### Moving

1. If your refrigerator has an automatic icemaker:
  - Turn off the water supply to the icemaker at least one day ahead of time.
  - Disconnect the water line from the back of the refrigerator.
  - When the last load of ice drops, raise the wire shutoff arm to the OFF (up) position.
2. Remove all food from the refrigerator and pack all frozen food in dry ice.
3. Empty the ice bin.
4. Unplug refrigerator.
5. Clean, wipe, and dry thoroughly.
6. Take out all removable parts, wrap them well, and tape them together so they don't shift and rattle during the move.
7. Depending on the model, raise the front of the refrigerator so it rolls more easily OR raise the leveling legs so they don't scrape the floor.
8. Tape the doors closed and tape the power cord to the back of the refrigerator.

When you get to your new home, put everything back and refer to the "Installation Instructions" section for preparation instructions. Also, if your refrigerator has an automatic icemaker, remember to reconnect the water supply to the refrigerator.

# TROUBLESHOOTING GUIDE

## TROUBLESHOOTING

**IMPORTANT: DO NOT** try to repair your refrigerator yourself. Doing so invalidates the warranty

### GENERAL

PROBLEM	PROBLEM CAUSE	SOLUTION
The refrigerator does not operate	<ul style="list-style-type: none"> <li>•The refrigerator is unplugged.</li> <li>•The fuse on the circuit is blown or the circuit breaker is tripped.</li> <li>•Power failure.</li> </ul>	<ul style="list-style-type: none"> <li>•Make sure that the refrigerator power cord is fully plugged into the electrical outlet.</li> <li>•Check the house fuse /circuit breaker box and replace the fuse or reset the circuit breaker.</li> <li>•If a power failure occurs,the refrigerator turns off.Wait until the power is restored.</li> </ul>
The refrigerator door does not close completely	<ul style="list-style-type: none"> <li>•Food packages are interfering with the door.</li> <li>•The door gaskets are dirty.</li> <li>•The refrigerator may not be level.</li> </ul>	<ul style="list-style-type: none"> <li>•Move or remove some food items.</li> <li>•Clean the door gaskets.</li> <li>•Level the refrigerator.</li> </ul>
Food in the refrigerator is not cold	<ul style="list-style-type: none"> <li>•The door has been opened too often or was not closed properly.</li> <li>•A large amount of food was recently added.</li> <li>•The door is not closed completely.</li> <li>•The refrigerator has been disconnected for a period of time.</li> <li>•The temperature control is set too warm.</li> </ul>	<ul style="list-style-type: none"> <li>•Make sure that the door is closed properly.</li> <li>•Allow time for the recently added food to cool, and then check again.</li> <li>•Check the door gasket and food distribution, and make sure that the door closes completely.</li> <li>•Allow 4 hours for the refrigerator to cool completely before adding food.</li> <li>•Set the temperature control to a colder setting.</li> </ul>
The refrigerator makes unusual noises or vibrations	<ul style="list-style-type: none"> <li>•The refrigerator may not be level.</li> <li>•The refrigerator cabinet is touching a wall.</li> <li>•Metal parts undergo expansion and contraction.</li> <li>•Refrigerant is circulating throughout the system.</li> </ul>	<ul style="list-style-type: none"> <li>•Adjust the leveling feet located on the front corners of the refrigerator until the refrigerator is level.</li> <li>•Move the refrigerator away from the wall.</li> <li>•This is normal.</li> <li>•This is normal.</li> </ul>
Moisture is building up in the interior of the refrigerator	<ul style="list-style-type: none"> <li>•The door has been opened too often or was not closed properly.</li> <li>•The refrigerator is located in a humid area.</li> <li>•The weather is hot and humid.</li> </ul>	<ul style="list-style-type: none"> <li>•Make sure that the door is closed properly.</li> <li>•Move the refrigerator to a drier location.</li> <li>•This is normal.</li> </ul>
The compressor turns on and off frequently.	<ul style="list-style-type: none"> <li>•The room temperature is hotter than normal.</li> <li>•A large amount of food was recently added.</li> <li>•The door is not closed completely or was opened too often.</li> <li>•The refrigerator has been disconnected for a period of time.</li> <li>•The temperature control was not set correctly.</li> </ul>	<ul style="list-style-type: none"> <li>•This is normal.</li> <li>•Allow time for the recently added food to cool, and then check again.</li> <li>•Check the door gasket and food distribution to make sure the door will close completely.</li> <li>•Allow 4 hours for the refrigerator to cool completely before adding food.</li> <li>•Set the temperature control to the correct setting.</li> </ul>
Refrigerator has an odor	<ul style="list-style-type: none"> <li>•Refrigerator needs cleaning.</li> <li>•Improperly wrapped food is giving o fan odor.</li> </ul>	<ul style="list-style-type: none"> <li>•Clean the refrigerator. See,“Cleaning.”</li> <li>•Wrap food tightly or seal before storing it in the refrigerator.</li> </ul>

### ERROR CODES

Fault Code	Fault Description
LED1 indicator and LED2 indicator	Refrigerator temperature sensor circuit
LED1 indicator and LED3 indicator	Freezer defrost sensor
LED1 indicator and LED4 indicator	Ambient temperature sensor



# Kenmore®

## Customer Care Hotline

To schedule in-home repair service  
or order replacement parts

Para pedir servicio de reparación  
a domicilio, y ordenar piezas

# 1-844-553-6667

[www.kenmore.com](http://www.kenmore.com)

