



## TOP FREEZER REFRIGERATOR

Use & Care Guide

## CONGELADOR SUPERIOR REFRIGERADOR

Guía para el Uso y Cuidado

### Models / Modelos

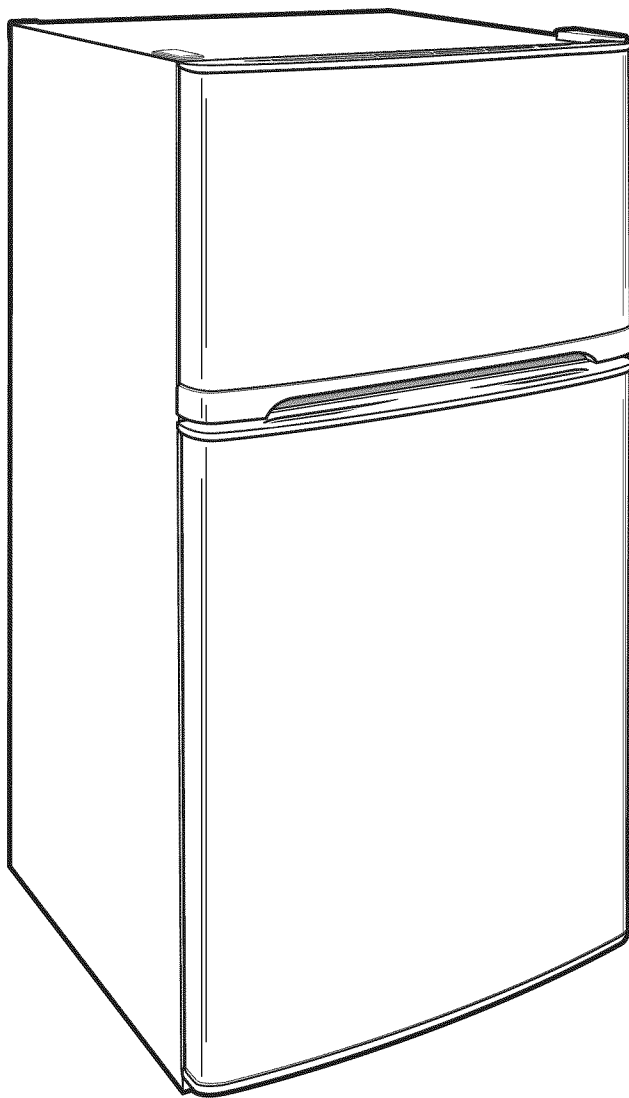
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\* = color number, número de color



ENGLISH

ESPAÑOL

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## BOTTOM FREEZER REFRIGERATOR

### Kenmore Appliance Warranty

#### One Year Limited Warranty

When installed, operated and maintained according to all instructions supplied with the product, if this appliance fails due to a defect in material or workmanship within one year from the date of purchase, call 1-800-4-MY-HOME® to arrange for free repair.

If this appliance is used for other than private family purposes, this warranty applies for only 90 days from the date of purchase.

#### **This Warranty covers only defects in material and workmanship. Sears will NOT pay for:**

1. Expendable items that can wear out from normal use, including but not limited to filters, belts, light bulbs, and bags.
2. A service technician to instruct the user in correct product installation, operation or maintenance.
3. A service technician to clean or maintain this product.
4. Damage to or failure of this product if it is not installed, operated or maintained according to all instructions supplied with the product.
5. Damage to or failure of this product resulting from accident, abuse, misuse or use for other than its intended purpose.
6. Damage to or failure of this product caused by the use of detergents, cleaners, chemicals or utensils other than those recommended in all instructions supplied with the product.
7. Damage to or failure of parts or systems resulting from unauthorized modifications made to this product.

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

Customer's sole and exclusive remedy under this limited warranty shall be product repair as provided herein. Implied warranties, including warranties of merchantability or fitness for a particular purpose, are limited to one year or the shortest period allowed by law. Sears shall not be liable for incidental or consequential damages. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, or limitations 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 and Canada.

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

**Sears Brands Management Corporation, Hoffman Estates, IL 60179  
Sears Canada, Inc., Toronto, Ontario, Canada M5B 2B8**

## PROTECTION AGREEMENTS

### MASTER PROTECTION AGREEMENTS

Congratulations on making a smart purchase. Your new Kenmore® product is designed and manufactured for years of dependable operation. But like all products, it may require preventive maintenance or repair from time to time.

That's when having a Master Protection Agreement can save you money and aggravation.

The Master Protection Agreement also helps extend the life of your new product. Here's what the Agreement\* includes:

- Parts and labor** needed to help keep products operating properly **under normal use**, not just defects. Our coverage goes **well beyond the product warranty**. No deductibles, no functional failure excluded from coverage - **real protection**.
- Expert service** by a force of more than 10,000 authorized **Sears service technicians**, which means someone you can trust will be working on your product.
- Unlimited service calls and nation wide service**, as often as you want us, whenever you want us.
- "No-lemon" guarantee** - replacement of your covered product if four or more product failures occur within twelve months.
- Product replacement** if your covered product can't be Fixed.
- Annual Preventive Maintenance Check** at your Request - no extra charge.
- Fast help by phone** - we call it **Rapid Resolution** - phone support from a Sears representative on all products. Think of us as a "talking owner's manual."
- Power surge protection** against electrical damage due to power fluctuations.
- \$250 Food Loss Protection** annually for any food spoilage that is the result of mechanical failure of any Covered refrigerator or freezer.
- Rental reimbursement** if repair of your covered product takes longer than promised.
- 10% discount** off the regular price of any non-covered repair service and related installed parts.

Once you purchase the Agreement, a simple phone call is all that it takes for you to schedule service. You can call anytime day or night, or schedule a service appointment online.

The Master Protection Agreement is a risk free purchase. If you cancel for any reason during the product warranty period, we will provide a full refund. Or, a prorated refund anytime after the product warranty period expires.

Purchase your Master Protection Agreement today!

**Some limitations and exclusions apply.**

**For prices and additional information in the U.S.A. call 1-800-827-6655.**

**\*Coverage in Canada varies on some items. For full details call Sears Canada at 1-800-361-6655.**

#### Sears Installation Service

For Sears professional installation of home appliances, garage door openers, water heaters, and other major home items, in the U.S.A. or Canada call **1-800-4-MY-HOME®**.

## 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 right-hand side of the refrigerator compartment. Have these items of information available whenever you contact Sears concerning your product.

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

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

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

Dealer \_\_\_\_\_

**SAVE THESE INSTRUCTIONS AND ATTACH YOUR SALES RECEIPT FOR FUTURE REFERENCE.**

# IMPORTANT SAFETY INSTRUCTIONS

## SAFETY MESSAGES



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, CAUTION. These words mean:

**▲ DANGER** You will be killed or seriously injured if you don't follow instructions.

**▲ WARNING** You can be killed or seriously injured if you don't follow instructions.

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

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 injury to persons when using your product, basic safety precautions should be followed, including the following:

- NEVER unplug your refrigerator by pulling on the power cord. Always grip the plug firmly and pull it straight out from the outlet.
- Repair or replace immediately all electric service 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 the plug or connector end. 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.
- 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 cabinet are necessarily small. Be careful when you open the doors when children are in the area.
- Unplug your refrigerator before cleaning or making any repairs.

**NOTE:** We strongly recommend that any servicing be performed by a qualified individual.

- Before replacing a burned-out light bulb, unplug the refrigerator or turn off power at the circuit breaker or fuse box in order to avoid contact with a live wire filament. (A burned-out light bulb may break when being replaced.)  
**NOTE:** Setting either or both controls to the OFF position does not remove power to the light circuit.
- DO NOT store bottles in the freezer compartment - they may break when frozen, causing damage.

- The refrigerator-freezer should be so positioned that the supply plug is accessible for quick disconnection if an accident happens.
- For personal safety, this appliance must be properly grounded. Have the wall outlet and the circuit checked by a qualified electrician to make sure the outlet is properly grounded.
- Read all instructions before using this appliance.
- Use this appliance only for its intended purpose as described in this use and care guide.
- After your refrigerator is in operation, do not touch the cold surfaces in the freezer compartment when hands are damp or wet. Skin may adhere to the extremely cold surfaces.
- In refrigerators with automatic icemakers, avoid contact with the moving parts of the ejector mechanism, or with the heating element that releases the cubes. DO NOT place fingers or hands on the automatic icemaking mechanism while the refrigerator is plugged in.
- DO NOT refreeze frozen foods which have thawed completely. The United States Department of Agriculture in Home and Garden Bulletin No. 69 says:

"...You may safely refreeze frozen foods that have thawed if they still contain ice crystals or if they are still cold below 40°F (4°C)."

"...Thawed ground meats, poultry, or fish that have any off-odor or off-color should not be refrozen and should not be eaten. Thawed ice cream should be discarded. If the odor or color of any food is poor or questionable, get rid of it. The food may be dangerous to eat."

"Even partial thawing and refreezing reduces the eating quality of foods, particularly fruits, vegetables and prepared foods. The eating quality of red meats is affected less than that of many other foods. Use refrozen foods as soon as possible to save as much of their quality as you can."

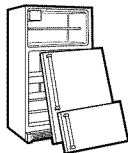
**SAVE THESE INSTRUCTIONS**

## ⚠ CAUTION

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 person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

## ⚠ DANGER: RISK OF CHILD ENTRAPMENT

Child entrapment and suffocation are not problems of the past. 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 the instructions at right to help prevent accidents.



### 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.

## CFC DISPOSAL

Your old refrigerator may have a cooling system that used CFCs (chlorofluorocarbons). CFCs are believed to harm stratospheric Ozone. For proper disposal of the product, please contact your local regulatory agency.

If you are throwing away your old refrigerator, make sure CFC refrigerant is removed for proper disposal by a qualified servicer. If you intentionally release this CFC refrigerant, you can be subject to fines and imprisonment under provisions of environmental legislation.

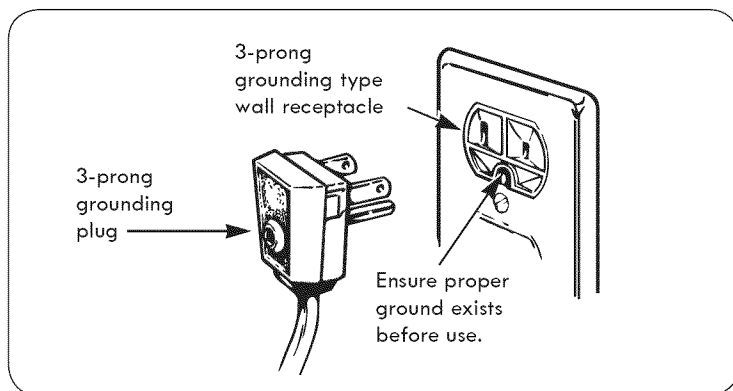
## GROUNDING REQUIREMENTS

**IMPORTANT:** Please read carefully.  
**TO CONNECT ELECTRICITY**

### ⚠ WARNING

#### ELECTRICAL SHOCK HAZARD

**FOR YOUR PERSONAL SAFETY**, this appliance must be properly grounded. Have the wall outlet and the circuit checked by a qualified electrician to make sure the outlet is properly grounded.



### RECOMMENDED GROUNDING METHOD

The refrigerator should always be plugged into its own individual properly grounded electrical outlet rated for 115 volts, 60Hz, AC only and fused at 15 or 20 amperes. This provides the best performance and also prevents overloading house wiring circuits which could cause a fire hazard from overheated wires. It is recommended that a separate circuit serving only this appliance be provided. Use a receptacle which cannot be turned off with a switch or pull chain. Do not use an extension cord.

Where a standard two-prong wall outlet is encountered, it is your personal responsibility and obligation to have it replaced with a properly grounded three-prong wall outlet. Do not, under any circumstances, cut or remove the third (Ground) prong from the power cord.

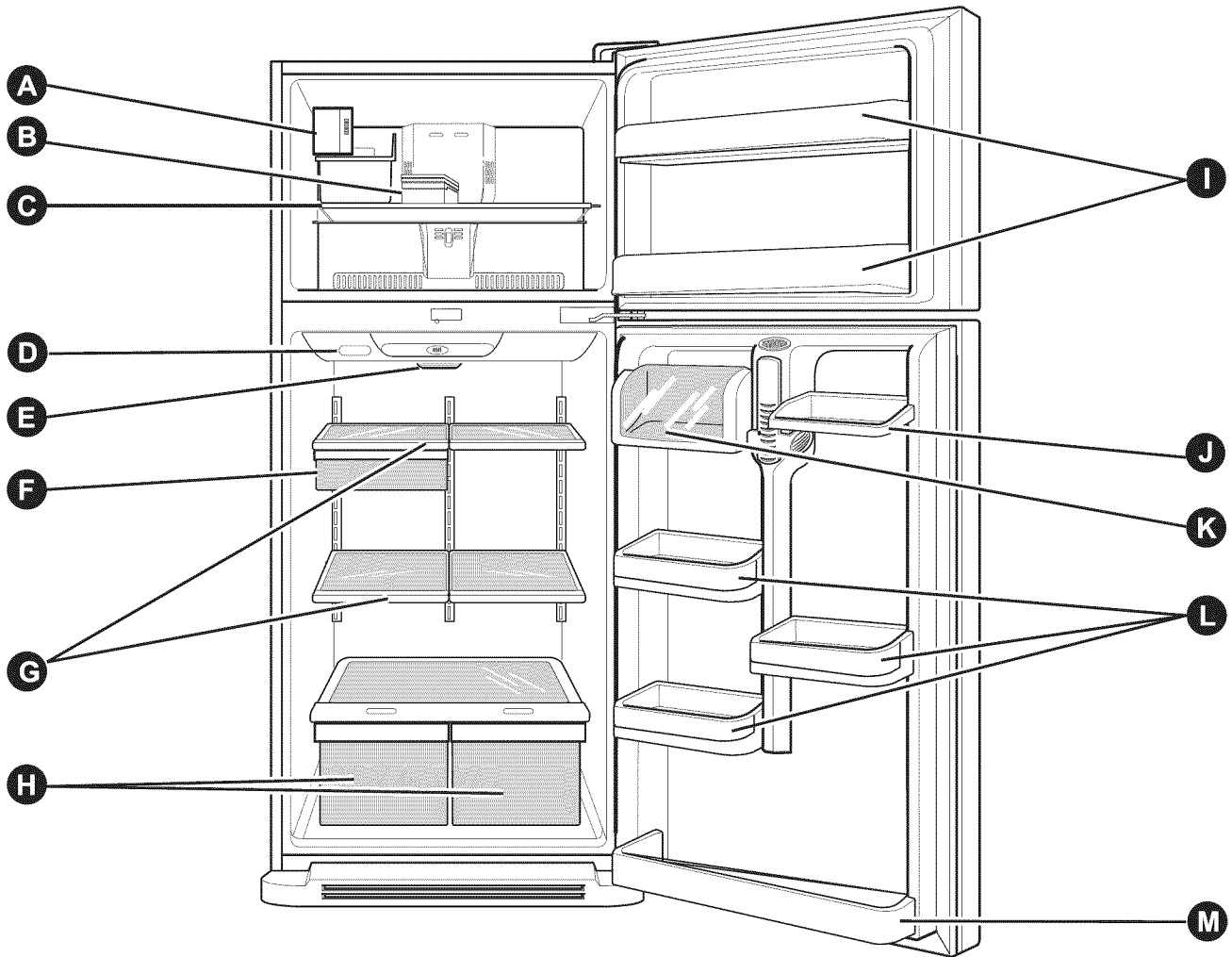
**NOTE:** Before performing any type of installation, cleaning, or removing a light bulb, turn the control (Thermostat, Refrigerator Control or Freezer Control, depending on the model) to OFF and then disconnect the refrigerator from the electrical source. When you are finished, reconnect the refrigerator to the electrical source and reset the control (thermostat, refrigerator control or freezer control, depending on the model) to the desired setting.

### USE OF EXTENSION CORDS

Because of potential safety hazards under certain conditions, we strongly recommend against the use of an extension cord. However, if you still elect to use an extension cord, it is absolutely necessary that it be a UL-listed (in the United States), 3-wire grounding type appliance extension cord having a grounding type plug and outlet, and that the electrical rating of the cord be 15 amperes (minimum) and 120 volts.

Use of an extension cord will increase the clearance needed for the back of the refrigerator. 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 any hazard.

## PARTS AND FEATURES



Use this section to become more familiar with the parts and features.

**NOTE:** This guide covers several different models. The refrigerator you have purchased may have some or all of the items listed below. The locations of the features shown below may not match your model.

- |                                      |  |
|--------------------------------------|--|
| <b>A</b> Custom Cube Icemaker *      | <b>I</b> Shelves   |
| <b>B</b> Ice Bin                     | <b>J</b> Crispers<br>Keeps fruits and vegetables fresh and crisp |
| <b>C</b> Freezer Shelf               | <b>K</b> Freezer light   |
| <b>D</b> Digital Temperature Control | <b>L</b> Freezer Door Racks                                      |
| <b>E</b> Water Filter                | <b>M</b> Can Rack*   |
| <b>F</b> Water Dispenser Button      | <b>N</b> Dairy Bin   |
| <b>G</b> Refrigerator Light          | <b>O</b> Door Bins   |
| <b>H</b> Snack Drawer                | <b>P</b> Refrigerator Door Rack                                  |

\* On some models

# REFRIGERATOR INSTALLATION

## ⚠ 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.

## UNPACKING YOUR REFRIGERATOR

Remove tape and any temporary labels from your refrigerator before using. Do not remove any warning type labels, the model and serial number label, or the techsheet (on some models), that is attached to back wall of the refrigerator. To remove any remaining tape or glue, rub the area briskly with your thumb. Tape or glue residue can also be easily removed by rubbing a small amount of liquid dish soap over the adhesive with your fingers. Wipe with warm water and dry. 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 the **Important Safety Instructions** section.

Refrigerator shelves are installed in the shipping position.

Please reinstall shelves according to your individual storage needs.

### When Moving Your Refrigerator:

Your refrigerator is heavy. When moving the refrigerator for cleaning or service, be sure to protect the floor. 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.

## ⚠ WARNING



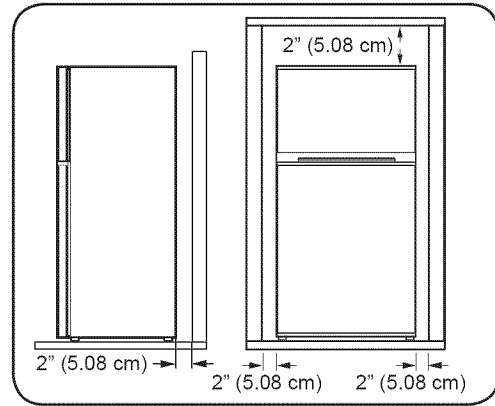
### EXPLOSION HAZARD

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

## INSTALLATION

1. Avoid placing the unit near heat sources, direct sunlight, or moisture.
2. To minimize noise and vibration, the refrigerator **MUST** be installed on a solidly constructed floor.
3. Carpeting and soft tile surfaces are not recommended.
4. **NEVER** install the refrigerator on a platform or a weakly supported structure.
5. Install this appliance in an area where the temperature is between 55°F (13°C) and 110°F (43°C.) If the temperature around the appliance is too low or high, cooling ability may be adversely affected.

**NOTE:** For proper air circulation, best cooling and energy consumption results, maintain a minimum distance of 2 inches (5.08 cm) from adjacent items and surfaces.



## NEXT

1. Clean your refrigerator thoroughly and wipe off all dust accumulated during shipping.
2. Install accessories such as ice cube bin, drawers, shelves, etc., in their proper places. They are packed together to prevent possible damage during shipment.
3. Let your refrigerator run for 2 or 3 hours before store food in it. Check the flow of cold air in the freezer compartment to ensure proper cooling. Your refrigerator is now ready for use.

## ⚠ WARNING

- Be careful when you work with hinge, base grille, stopper etc. You may be injured.
- Do not put hands or metal sticks into air vents, base grille or bottom of refrigerator. You may be injured or receive an electrical shock.

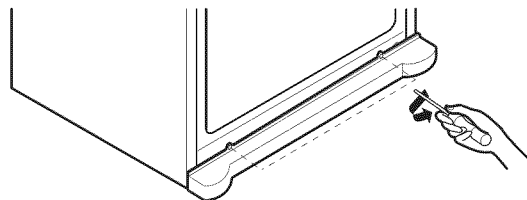
## BASE GRILLE INSTALLATION

### To install or replace base grille:

- Refrigerator door should be opened or removed. (Necessary on some models).
- Use the 2 Phillips screws provided in the literature package to attach the Base Grille.

### To remove the base grille

- Open or remove refrigerator doors. (Necessary on some models).
- Take out the base grille by removing the 2 screws on the bottom of the refrigerator.





# REFRIGERATOR INSTALLATION

## ⚠ WARNING

### ELECTRICAL SHOCK HAZARD

Before you begin, either unplug the refrigerator or turn off power at the circuit breaker or fuse box. Failure to do so could result in death or serious injury.

## ⚠ CAUTION

Remove food and any Adjustable Door or Utility Bins from doors. Failure to do so could result in serious injury.

## REMOVING AND REPLACING DOORS

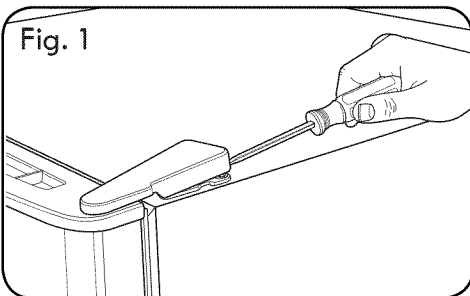
If entrance is less than 35-inches wide, the refrigerator door and freezer drawer will need to be removed.

### TOOLS NEEDED

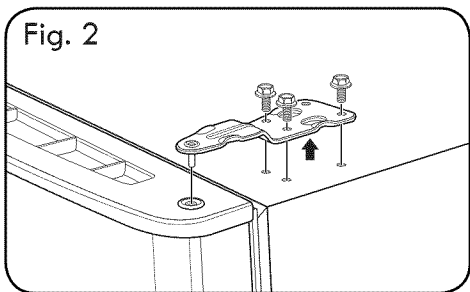
- 10mm or  $\frac{13}{32}$ -inch socket wrench (with 2-inch extension for bottom door hinge)
- No. 2 Phillips head screwdriver
- Flat-head screwdriver for prying
- Adjustable wrench

### HOW TO REMOVE FREEZER DOOR

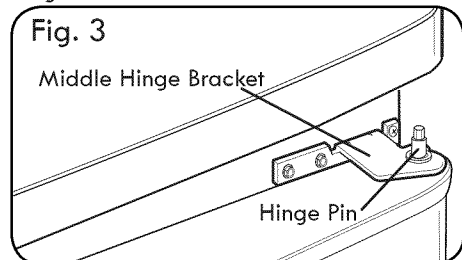
- Gently pry the Top-Hinge cover with a flat head screwdriver and remove.



- Using 10mm or  $\frac{13}{32}$ -inch socket wrench, remove the 3 bolts and lift off the Top Hinge. Set parts aside.

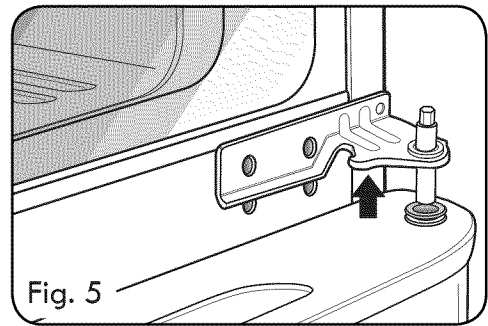
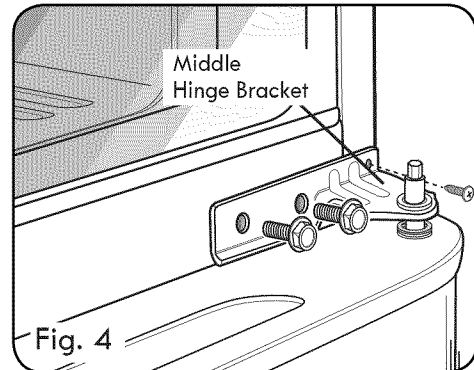


- Lift up freezer door slightly and remove it. Place door on a non scratching surface.

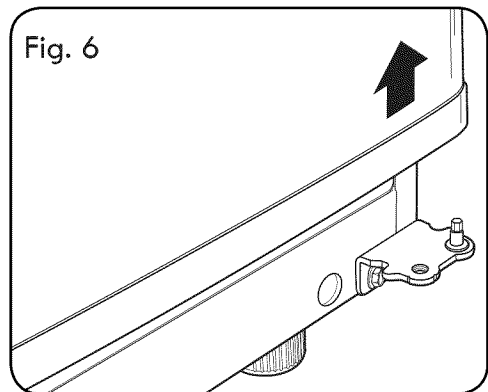


### HOW TO REMOVE REFRIGERATOR DOOR

- Loosen and remove the 2 bolts and the phillips head screw to remove the Middle Hinge Bracket from refrigerator housing. Set parts aside.



- Lift up door slightly and remove it.

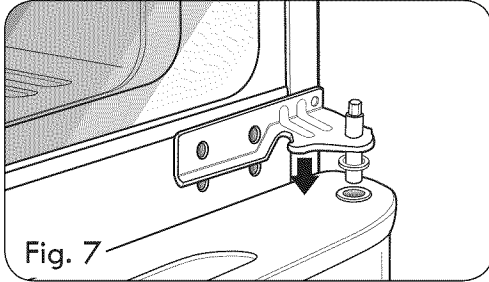


To replace doors, begin with refrigerator door and then follow with freezer door.

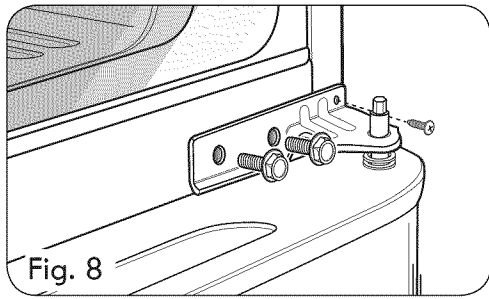
# REFRIGERATOR INSTALLATION

## REPLACING REFRIGERATOR DOOR

- Set door onto Bottom Hinge Pin.
- Place Hinge Pin of Middle Hinge Bracket inside Hinge Pin Insert on top of door (Fig. 7). Hold door in place and line up the Middle Hinge Bracket with the holes in refrigerator housing.

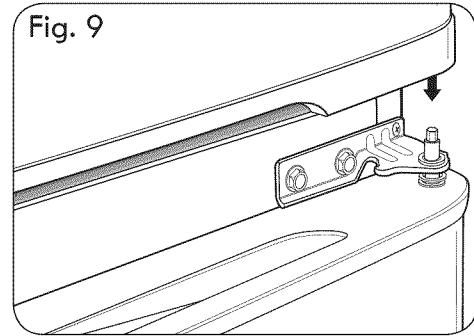


- Use the 2 bolts and phillips screw to refasten the Middle Hinge Bracket and door to the refrigerator housing.

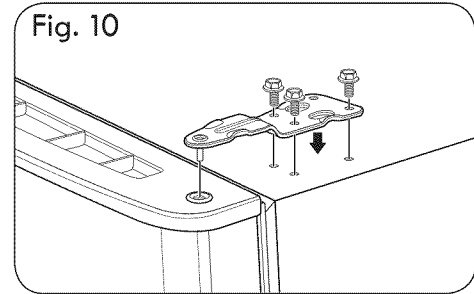


## REPLACING FREEZER DOOR

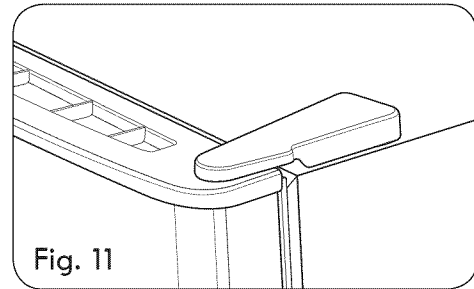
- Set the freezer door onto the Middle Hinge Pin.



- Place Upper Hinge's Pin in the top of freezer door and line up the Upper hinge with holes in top of refrigerator. Use the 3 bolts to replace Hinge.



- Carefully force-fit top Hinge Cover back into place over Hinge.



# REFRIGERATOR INSTALLATION

## REVERSING DOORS

### ⚠ WARNING

#### ELECTRICAL SHOCK HAZARD

Before you begin, either unplug the refrigerator or turn off power at the circuit breaker or fuse box. Failure to do so could result in death or serious injury.

### ⚠ CAUTION

Remove food and any Adjustable Door or Utility Bins from doors. Failure to do so could result in serious injury.

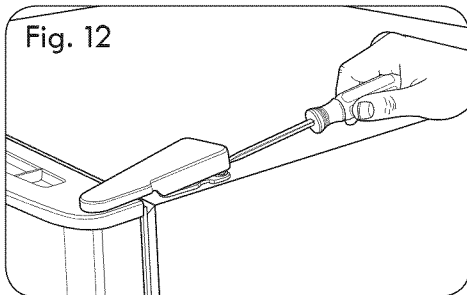
You may find it more convenient to have the doors converted from the left-opening type (factory installed) to the right-opening type. Directions refer to the right side as the side on your right as you face the unit.

### TOOLS NEEDED

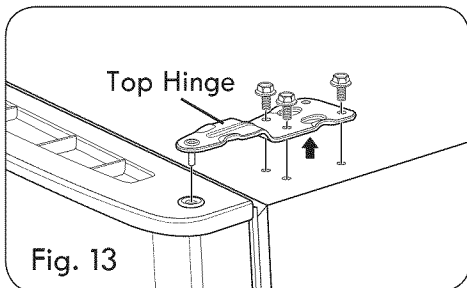
- 10mm or  $\frac{13}{32}$ -inch socket wrench
- (with 2-inch extension for bottom door hinge)
- No. 2 Phillips head screwdriver
- $\frac{1}{4}$  inch socket wrench
- Flat-head screwdriver for prying
- Adjustable wrench

## REVERSING FREEZER DOOR

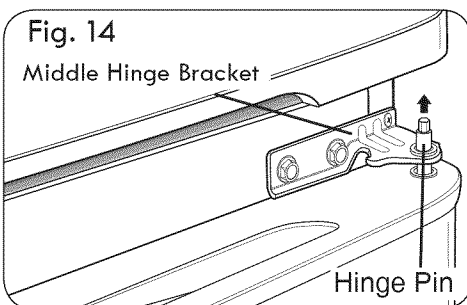
- Gently pry off the Top Hinge Cover with a flat head screwdriver and remove.



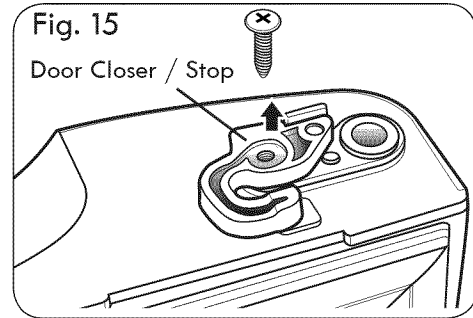
- Using 10mm or  $\frac{13}{32}$ -inch socket wrench, remove the 3 bolts and lift off the Top Hinge. Set parts aside.



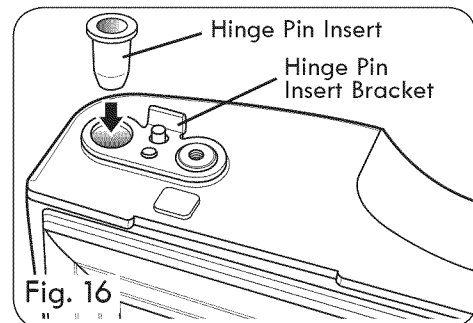
- Lift up refrigerator door slightly and remove it.



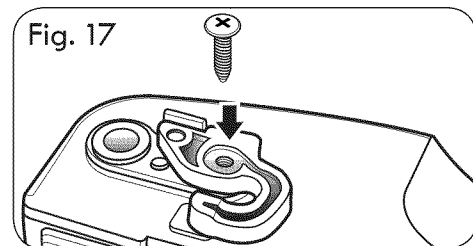
- Turn freezer door upside down on a non-scratch surface.
- Loosen the screw to remove Door Closer/Stop and Hinge Pin Insert.



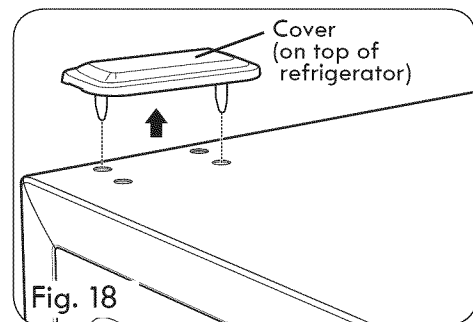
- Move the Hinge Pin Insert Bracket to the other side of the door, keeping the same orientation, and move the Hinge Pin Insert into the hole on the left side of the bracket.



- Reverse Door Closer/Stop by flipping over, place on top of Hinge Pin Insert Bracket, and tighten both down with the screw.



- Pry off cover on top of refrigerator on left side to uncover screw holes.
- Set freezer door and Top Hinge parts to the side and remove refrigerator door.

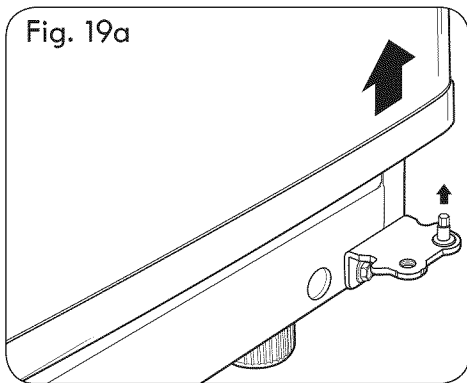
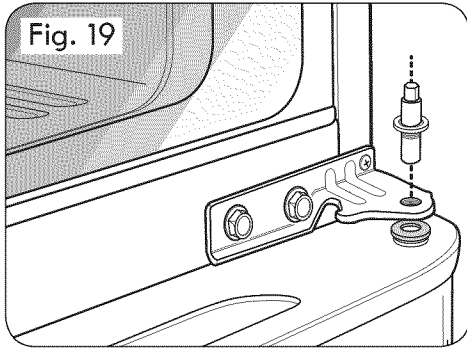


# REFRIGERATOR INSTALLATION

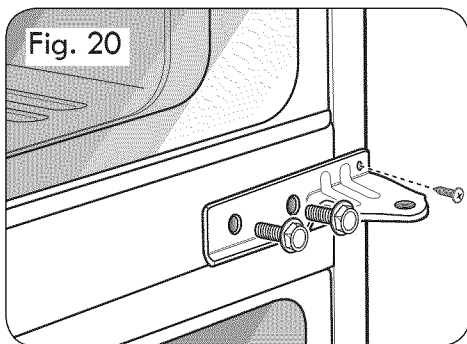
## REVERSING AND REATTACHING REFRIGERATOR DOOR

- Using a 1/4" socket wrench, loosen and remove Hinge Pin from the Middle Hinge Bracket. Remove washer underneath the middle hinge and set aside.

**NOTE:** At this point the door will be loose, lift up door slightly and remove it.

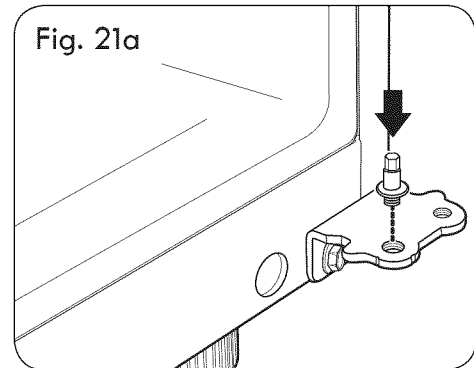
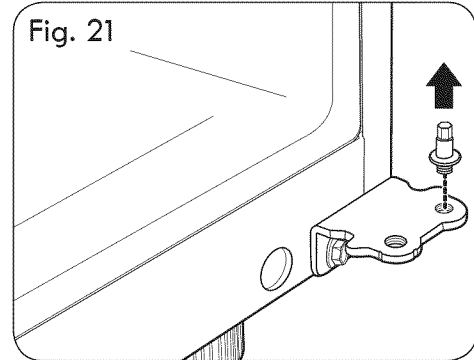


- Loosen and remove the 2 bolts and use the phillips head screw to remove the Middle Hinge Bracket from refrigerator housing. Set parts aside.

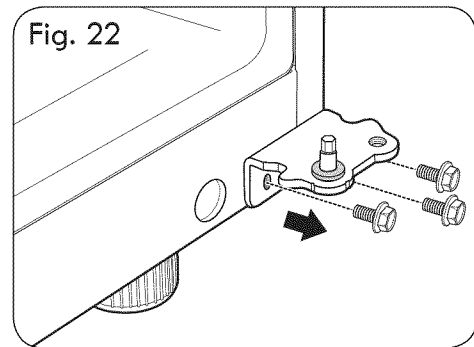


- Remove Base Grille. See **BASE GRILLE INSTRUCTIONS**.
- Remove the washer from the Bottom Hinge Pin.
- Using a 1/4" socket wrench, loosen and remove Hinge Pin from the Bottom Hinge. Reattach the Hinge Pin to the opposite side of the hinge.

**NOTE:** This is easier to do while the hinge is still attached.

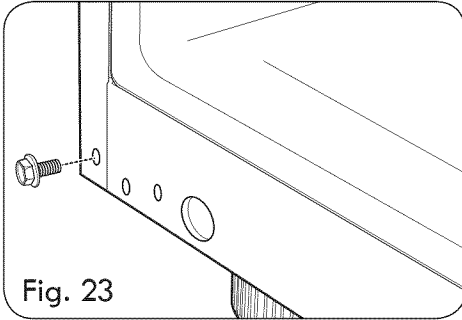


- Using a 13/32" socket wrench with 2-inch extension, loosen the 3 bolts and remove the Bottom hinge from right side of housing.

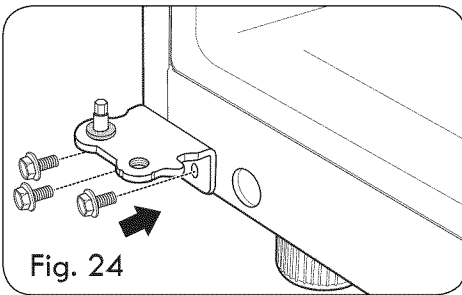


# REFRIGERATOR INSTALLATION

- At this point, remove the Decorative Bolt on bottom of refrigerator housing from the left side of refrigerator. you will need this hole for the Bottom Hinge.

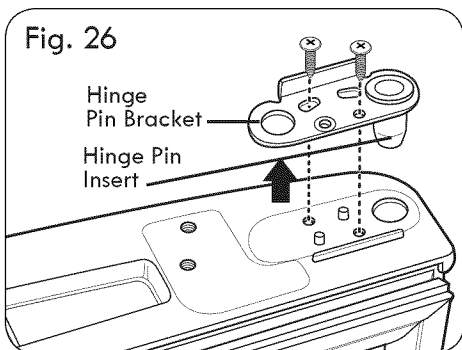
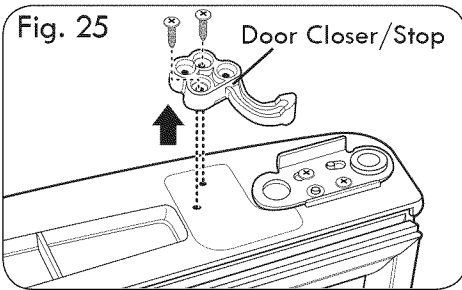


- Move the Bottom Hinge to the left side of housing, keeping the same orientation, and reattach with 3 bolts. Now move Decorative Bolt to hole on lower right side of housing.

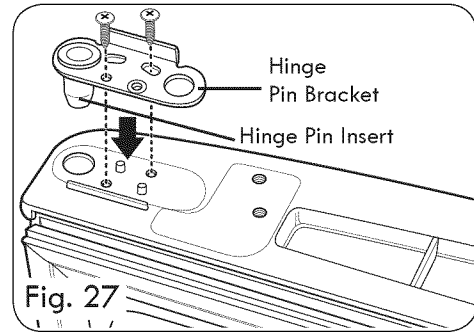


- Turn refrigerator door upside down on a non-scratching surface.
- With door upside down, loosen the 2 screws and remove the Door Closer/Stop, then loosen the other two screws to remove the Bottom Hinge Pin Insert Bracket with Hinge Pin Insert.

**NOTE:** The Refrigerator Door Closer/Stop is not used on all models. The model you have may not include this part.

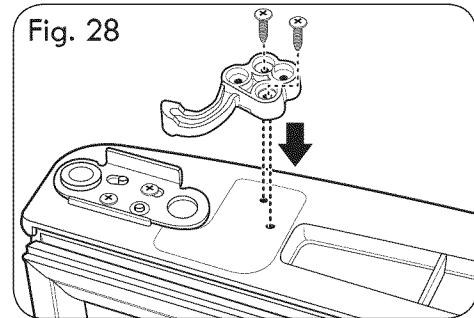


- Take out the Hinge Pin Insert and move the Bracket to the other side of the door, keeping the same orientation.
- Place Hinge Pin Insert into the left side of the bracket. Tighten Hinge Pin Bracket to door.

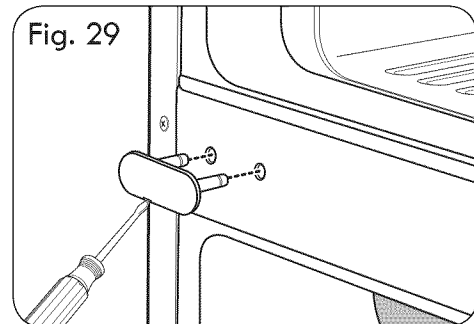


- Take Door Closer/Stop and flip. Line up screw holes and mount on left side of door bottom with the two screws. Turn door upright. It is now ready for re-attaching.

**NOTE:** The Refrigerator Door Closer/Stop is not used on all models. The model you have may note include this part.

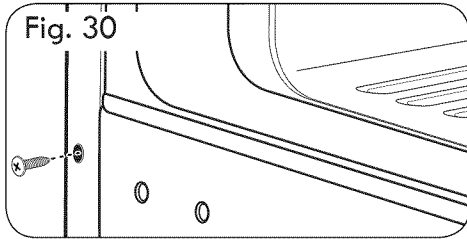


- With flat-head screwdriver, carefully pry off and remove the cover over the screw holes on the left side of refrigerator housing.



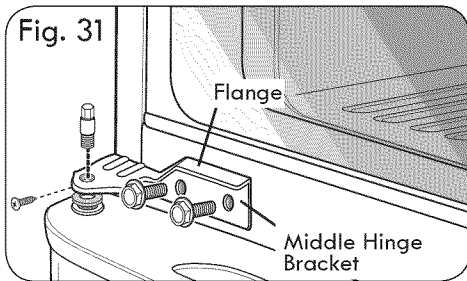
# REFRIGERATOR INSTALLATION

- Remove the outer lower Decorative Screw from housing at area between freezer and refrigerator doors. (You will need this hole for the Middle Hinge Bracket).

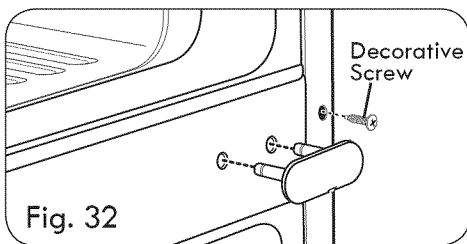


- Following illustration, flip the Middle Hinge Bracket (Flange will now be on top) and position on left side of refrigerator and re-attach with two bolts and a Phillips screw.
- Place refrigerator door down over pin on bottom hinge.
- Place washer between refrigerator door and middle hinge and re-attach Hinge Pin to Hinge Bracket with 1/4-in. socket wrench.

**NOTE:** Bracket has been flipped, but Hinge Pin stays in the same orientation with its hexagonal end facing upward.

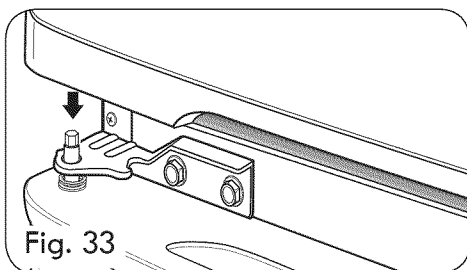


- Place Decorative Screw into outer hole on right side of housing.
- Attach cover on the right side. Cover is force-fitted.

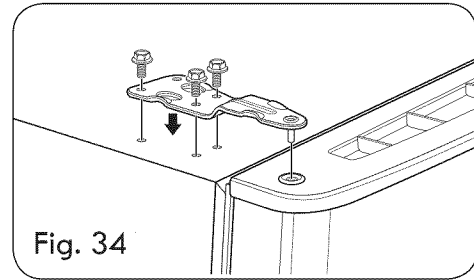


## REATTACHING FREEZER DOOR

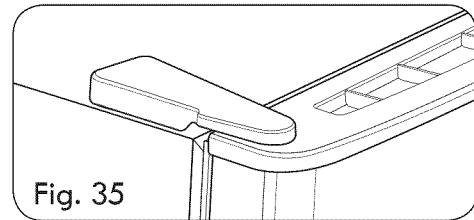
- Put freezer door down over the Hinge Pin on the Middle Hinge Pin Bracket.



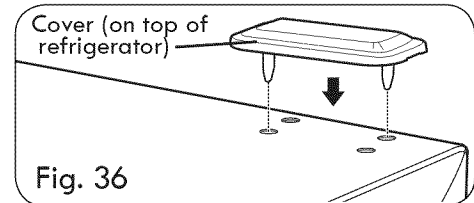
- Place Upper Hinge's Pin in the top of freezer door and line up the Upper Hinge with holes in top of refrigerator. Use the 3 bolts to replace Hinge.



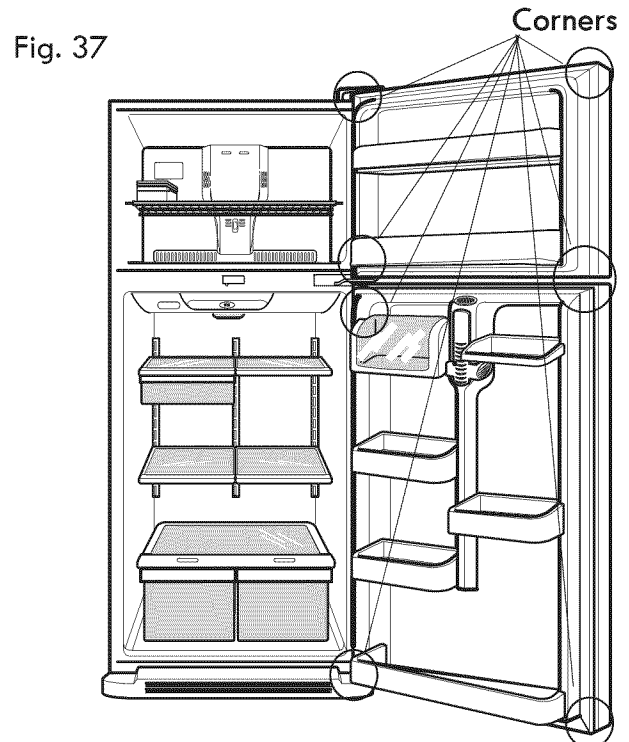
- Tighten bolts. Force-fit Top Hinge Cover over Top Hinge.



- Replace cover from left side of refrigerator top onto the right of top to cover the holes. Cover is also force-fitted.



After changing doors, make sure that the corners of the Door Gaskets are not folded over. To ensure a good seal, apply a small amount of silicon grease on the corners of gaskets..



# REFRIGERATOR INSTALLATION

## LEVELING AND DOOR CLOSING

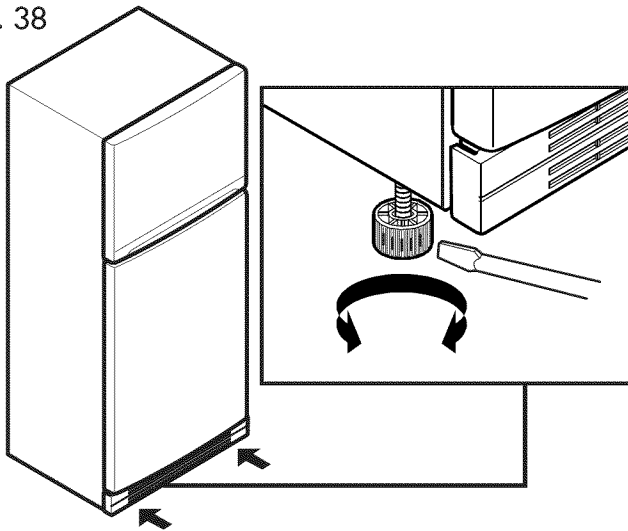
To avoid vibration, the unit must be leveled. If necessary adjust the Leveling Legs to compensate for unevenness of the floor. The front should be slightly higher than the rear to aid in door closing.

Your refrigerator has two Front Leveling Screws - one on the right and one on the left. If your refrigerator seems unsteady or you want the doors to close more easily, adjust the refrigerator's tilt using the instruction below:

1. Plug refrigerator power cord into a 3-prong grounded outlet. Move the refrigerator into its final position.
2. Remove the base grille. See **BASE GRILLE INSTRUCTIONS**. The two Leveling Screws are located on the bottom of the refrigerator on either side.
3. Insert a flat screwdriver in slots to adjust the Leveling Screws. Turn the leveling screw clockwise to raise the side of the refrigerator or counterclockwise to lower it. It may take several turns of the Leveling Screw to adjust the tilt of the refrigerator.

**NOTE:** Having some push against the top of the refrigerator takes some weight off the Leveling Screws. This make it easier to adjust the screws.

Fig. 38



4. Open both doors again and check to make sure that they close easily. If not, tilt the refrigerator slightly more to the rear by turning both Leveling Screws clockwise. It may take several more turns, and you should turn both Leveling Screws the same amount.
5. Replace the base grille.

## DOOR ALIGNMENT

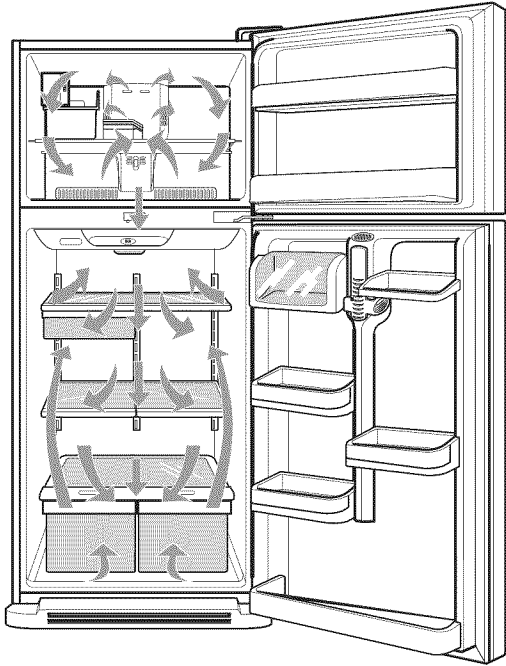
If the space between your doors is uneven, follow the instructions below to align the doors.

1. Gently pry off the refrigerator door Top Hinge Cover with a flat head screwdriver and remove. Loosen the Top Hinge Bolts using a 10mm or  $13/32$ -in. Socket wrench or open-end wrench.
2. Have someone hold the freezer door so the space between the two door is even, and the top hinge bolts.
3. Replace the Top Hinge Cover.

# USING YOUR REFRIGERATOR

## ENSURING PROPER AIR CIRCULATION

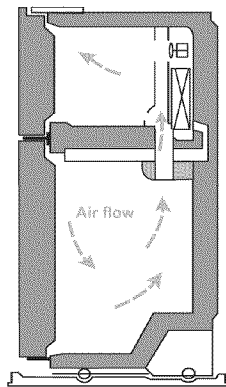
In order to ensure proper temperatures, air must flow between the refrigerator and freezer sections. As shown in the illustration below, air enters at the top of the freezer and circulates down. From bottom of the freezer, air is forced up to top of the refrigerator. Air enters to the refrigerator through top vent, then circulates and exists at the bottom, where it returns to the freezer.



**Do not block any of the cool air vents** with food packages. If the vents are blocked, airflow will be restricted and temperature and moisture problems may occur.

**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 prevent odor transfer and drying out of food, wrap or cover foods tightly. (See the Food Storage Guide section for details).

**NOTE:** If you close the refrigerator door forcefully, the freezer door may open and close again due to pressure from internal air flow.



## NEXT

1. Clean your refrigerator thoroughly and wipe off all dust accumulated during shipping.
2. Install accessories such as ice cube bin, drawers, shelves, etc., in their proper places. They are packed together to prevent possible damage during shipment.
3. Let your refrigerator run for at least 2 or 3 hours before putting food in it. Check the flow of cold air in the freezer compartment to ensure proper cooling. Your refrigerator is now ready to use.

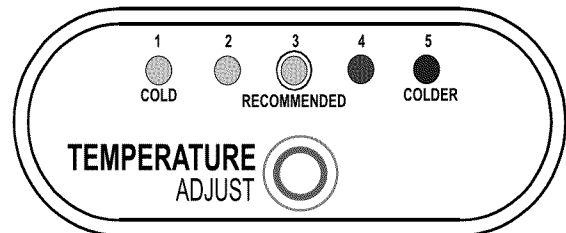
## SETTING THE CONTROLS

Your refrigerator has two controls that let you regulate the temperature in the freezer and refrigerator compartments.

### REFRIGERATOR CONTROL

Initially set the Refrigerator Control on the middle setting, number 3. To do so, push the temperature adjust button until the number 3 LED light is lit up. Leave the refrigerator at this setting for 24 hours to reach correct temperature. After 24 hours, adjust the compartment temperature as desired. The higher the number, the colder the refrigerator compartment will become. Always wait 24 hours before adjusting temperature. If you go past the desired number, keep pushing the temperature adjust button until your desired number is lit up.

**NOTE:** When you disconnect the device or a power failure occur it will initialize in the last temperature level before the disconnect or failure occurred.



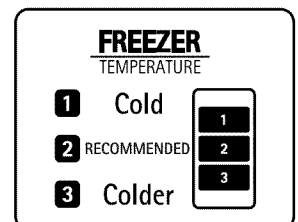
- **Water Lock:** Press the "WATER LOCK" button to lock the dispenser (button light ON). When it is locked, the dispenser will not operate. To unlock, press the "WATER LOCK" button (button light OFF).
- **Filter Change:** When the filter Change light turns on, you have to change the water filter. Press and hold the "FILTER CHANGE" button for 3 seconds to turn the light off. You need to change the water filter approximately every 6 months.

### FREEZER CONTROL

The freezer control should come from the factory set on the middle setting, number 2.

Wait 24 hours before adjusting the temperature of the freezer compartment up or down. Turn the dial to set freezer temperature as desired.

**ALWAYS** wait 24 hours after any adjustment for unit to reach desired temperature.





## USING YOUR REFRIGERATOR

### ADJUSTING CONTROL SETTINGS

Give the refrigerator time to cool down completely before making final adjustments. It is best to wait 24 hours before doing this. The initial settings mentioned in **SETTING THE CONTROLS** section should be correct for normal household refrigerator use.

The refrigerator control functions as the thermostat for the entire appliance (refrigerator and freezer sections). The colder the setting, the longer the compressor will run to keep the temperature colder. The freezer control adjusts the cold air flow from the freezer to the refrigerator. Setting the freezer control to a lower temperature keeps more cold air in the freezer compartment to make it colder.

If you need to adjust temperatures in the refrigerator or freezer, start by adjusting the refrigerator. Then wait 24 hours before checking the freezer temperature. If it is too warm or too cold, then adjust the freezer control.

Use the settings listed in the chart below as a guide.

**Always remember to wait at least 24 hours between adjustments.**

CONDITION/REASON:	RECOMMENDED ADJUSTMENT:
<b>REFRIGERATOR section too warm</b> • Door opened often • Large amount of food added • Room temperature very warm	<b>Turn the REFRIGERATOR control</b> to next higher number, wait 24 hours, then re-check
<b>FREEZER section too warm/ ice not made fast enough</b> • Door opened often • Large amount of food added • Very cold room temperature (can not cycle often enough) • Heavy ice usage • Air vents blocked by items	<b>Turn the FREEZER control</b> to next higher number, wait 24 hours, then re-check. Move items out of airstream
<b>REFRIGERATOR section too cold</b> • Controls not set correctly for your conditions	<b>Turn the REFRIGERATOR control</b> to next lower number, wait 24 hours, then re-check
<b>FREEZER section too cold</b> • Controls not set correctly for your conditions	<b>Turn FREEZER control</b> to next lower number, wait 24 hours, then re-check

### FOOD STORAGE GUIDE

Wrap or store food in the refrigerator in airtight and moisture-proof material unless otherwise noted. This prevents food odor and taste transfer throughout the refrigerator. For dated products, check date code to ensure freshness.

Items	How to Store
Butter or margarine	▶ Keep opened butter in a covered dish or closed compartment. When storing an extra supply, wrap in freezer packaging and freeze.
Cheese	▶ Store in the original wrapping until you are ready to use it. Once opened, rewrap tightly in plastic wrap or aluminum foil.
Milk	▶ Wipe milk cartons. For best storage, place milk on interior shelf, not on door rack.
Eggs	▶ Store in original carton on interior shelf, not on door rack.
Fruits	▶ Wash, let dry, and store in refrigerator in plastic bags or in the crisper. Do not wash or hull berries until you are ready to use them. Sort and keep berries in their original container in a crisper, or store in a closed and sealed paper bag on a refrigerator shelf.
Leafy vegetables	▶ Remove store wrapping and trim and tear off bruised and discolored areas. Wash in cold water and drain. Place in plastic bag or plastic container and store them in crisper.
Vegetables with skins (carrots, peppers)	▶ Place in plastic bags or plastic container and store in crisper.
Fish	▶ Use fresh fish and shellfish the same day purchased.
Leftovers	▶ Cover leftovers with plastic wrap or aluminium foil. Plastic containers with tight lids can also be used.

### STORING FROZEN FOOD

**NOTE:** For further information about preparing food for freezing or food storage times, check a freezer guide or a reliable cookbook.

#### Packaging

Successful freezing depends on correct packaging. When you close and seal the package, it must not allow air or moisture in or out. If proper care is not given during packaging, you could have food odor and taste transfer throughout the refrigerator and also dry out frozen food.

#### Packaging recommendations:

- Rigid plastic containers with tight-fitting lids.
- Straight-sided canning/freezing jars.
- Heavy-duty aluminum foil.
- Plastic-coated paper.
- Non-permeable plastic wraps.
- Specified freezer-grade self-sealing plastic bags.

Follow package or container instructions for proper freezing methods.

#### Do not use:

- Bread wrappers.
- Non-polyethylene plastic containers.
- Containers without tight lids.
- Wax paper or wax-coated freezer wrap.
- Thin, semi-permeable wrap.

### FREEZING

**IMPORTANT:** Do not store bottles in the freezer compartment - they may break when frozen, causing damage.

Your freezer will not quick-freeze any large quantities of food. Do not put more unfrozen food into the freezer than will freeze within 24 hours (no more than 2 to 3 lbs of food per cubic foot of freezer space). Leave enough space in the freezer for air to circulate around packages. Be careful to leave enough room at the front so the door can close tightly.

Storage times will vary according to the quality and type of food, the type of packaging or wrap used (airtight and moisture-proof) and the storage temperature. 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.

**NOTE:** Allow hot foods to cool at room temperature for 30 minutes, then package and freeze. Cooling hot foods before freezing saves energy.

**NOTE:** Do not store food near the sensor; it may cause the sensor to malfunction.

## REFRIGERATOR SECTION REFRIGERATOR SHELVES

The shelves in your refrigerator are adjustable to meet your individual storage needs. These units are all glass shelves.

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, saving energy.

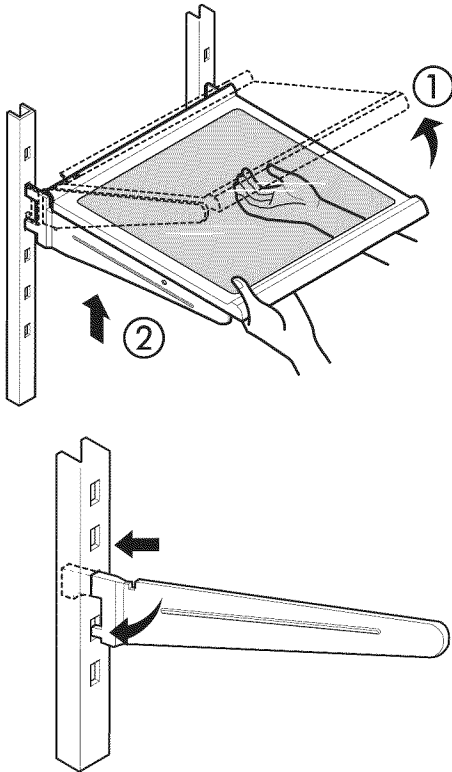
**IMPORTANT:** Do not clean glass shelves with warm water when they are cold. Shelves may break if exposed to sudden temperature changes or impact, such as bumping. For your protection, glass shelves are made with tempered glass, which will shatter into small pebblesized pieces.

**NOTE:** Glass shelves are heavy. Use special care when removing them to avoid dropping them.

### Adjusting Shelves

Remove shelves from the shipping position and place the shelves in the position you want.

- **To remove a shelf:** Tilt up the front of the shelf in the direction of (1) and lift it in the direction of (2). Pull the shelf out.
- **To replace a shelf:** Tilt the front of the shelf up and guide the shelf hooks into the slots at a desired height. Then lower the front of the shelf so that the hooks drop into the slots.

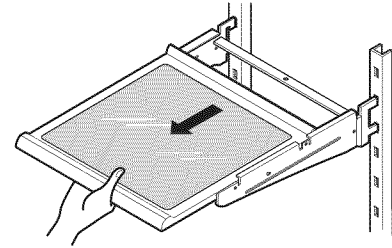


**NOTE:** Make sure that shelves are level from one side to the other. Failure to do so may result in the shelf falling or spilling food.

### Sliding Out Shelves (on some models)

You can slide some glass shelves in and out of your refrigerator as follows.

- **To slide the shelf out,** carefully pull front of shelf toward you.
- **To slide shelf in,** push shelf in until it stops.

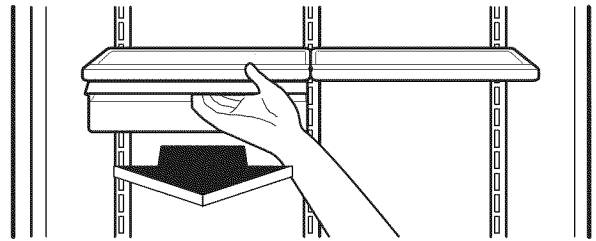


### SNACK DRAWER (on some models)

To remove the snack drawer:

Hold drawer by handle, pull forward to drawer stop, lift up and pull out.

To replace snack drawer, slide back fully past the drawer stop.

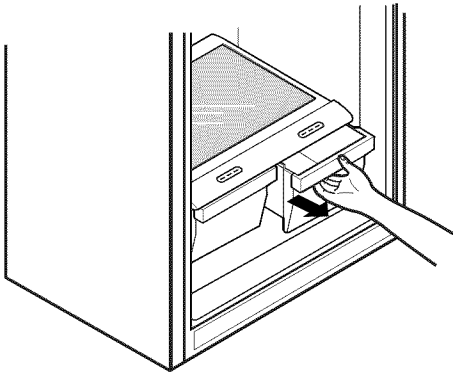


# USING YOUR REFRIGERATOR

## CRISPER AND COVER CRISPER

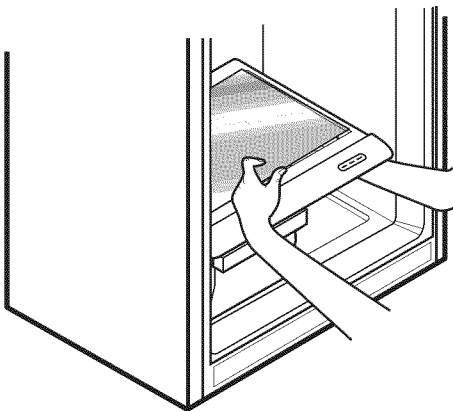
### To remove the crisper:

1. Pull crisper drawer out to drawer stop.
2. Lift the drawer up and toward you to pull out and remove.
3. To replace crisper, slide back fully past the drawer stop.



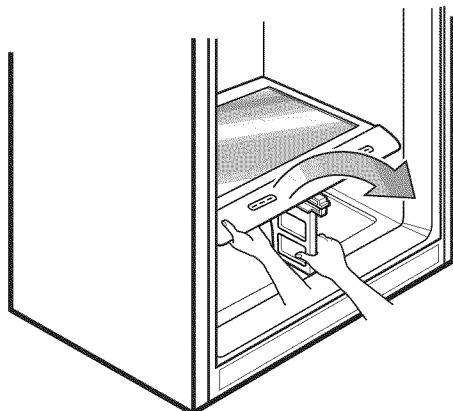
### To remove the crisper glass:

1. Remove crisper drawers.
2. To remove glass above crispers, reach in under the glass and lift up.
3. Push glass up and out.



### To remove the crisper cover:


1. Remove both crisper drawers.
2. While holding the center crisper cover support in place, pull the cover up and out.




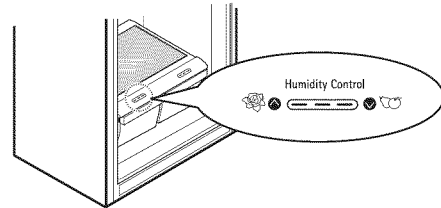
## CRISPER HUMIDITY CONTROL

You can control the amount of humidity in the moisture-sealed crispers.

Adjust the control to any setting between  and .

 lets air out of the crisper for best storage of fruits.

 keeps moist air in the crisper for best storage of fresh, leafy vegetables.



You can control the humidity in the crisper compartments, move the slide above each crisper up (more moisture) or down (less moisture).

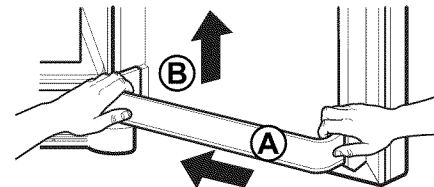
## SNAP-ON DOOR RACKS

The door racks may be removed for easier cleaning. Door racks are in both, the refrigerator and the freezer. The door racks are force-fitted with tabs and slots.

### Snap-On Door Racks

#### To remove door racks:

1. Remove all items from the door rack.
2. Push sides of rack together while lifting up. Rack will lift out.



#### To replace the racks:

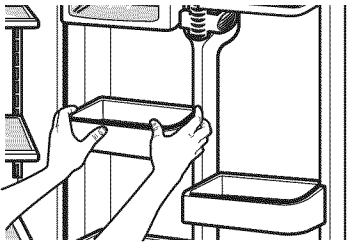
1. Hold door rack ends with both hands tilted slightly downward and push together slightly while fitting tabs on rack into slots in door. Force-fit into place.

# USING YOUR REFRIGERATOR

## DOOR BINS

The door bins are removable for easy cleaning and adjusting. They have slots in the sides which fit into support slots placed at intervals on refrigerator door.

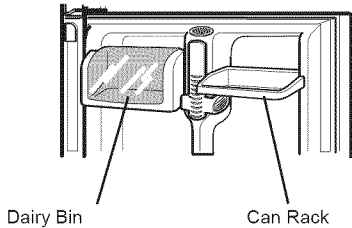
1. To remove a bin, lift the bin up until it clears the support slots and lift out.
2. To replace a bin, push into door and down onto a set of support slots at the desired level.



## DAIRY BIN AND CAN RACK

The dairy bin/ can rack can be relocated to another position.

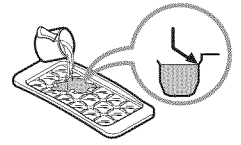
1. To remove the dairy bin / can rack simply lift up and pull out.
2. To replace the dairy bin / can rack slide it in above the desired support slots and push down until it stops.



## ICE TRAY (on some models)

### Icemaking

- Pour water to the level indicated in the picture. Do not overfill with water, or ice cubes will be difficult to remove.
- For quick freeze, adjust the freezer dial to 3.



### To remove ice cubes, twist the tray.

- Do not bend the ice tray. Doing so may result in damage to the tray.



- To remove ice cubes easily, pour water on the back of the tray or soak it in water before removing ice cubes.



## CARE AND CLEANING

### ⚠ WARNING



#### EXPLOSION HAZARD

Use non-flammable 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 prevent odors. Wipe up spills immediately.

### GENERAL CLEANING TIPS

- Unplug refrigerator or disconnect power.
- Remove all removable parts, such as shelves, crispers, etc.
- Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use abrasive or harsh cleaners.
- Hand wash, rinse and dry all surfaces thoroughly.
- Plug in refrigerator or reconnect power.

### OUTSIDE

Waxing external painted metal surfaces helps provide rust protection. Do not wax plastic parts. Wax painted metal surfaces at least twice a year using appliance wax (or auto paste wax). Apply wax with a clean, soft cloth. For products with a stainless steel exterior, use a clean sponge or soft cloth and a mild detergent in warm water. Do not use abrasive or harsh cleaners. Dry thoroughly with a soft cloth.

**NOTE:** Avoid door surface contact with chemical products that contain Phosphate or Chlorine.

### INSIDE WALLS

(allow freezer to warm up so cloth will not stick)

To help remove odors, you can wash the inside of the refrigerator with a mixture of baking soda and warm water. Mix 2 tablespoons baking soda to 1 quart of water (26 g soda to 1 liter water). Be sure the baking soda is completely dissolved so does it not scratch the surfaces of the refrigerator.

### DOOR LINERS AND GASKETS

Do not use cleaning waxes, concentrated detergents, bleaches, or cleaners containing petroleum plastic parts.

### PLASTIC PARTS (covers and panels)

Do not use windows sprays, abrasive cleaners, or flammable fluids. These can scratch or damage the material. Use a clean sponge or soft cloth and a mild detergent in warm water. Wash, rinse and dry all surfaces thoroughly.

### BACK COVER

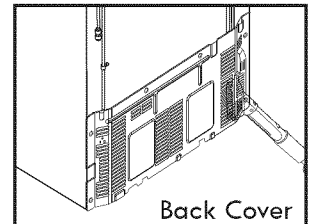
### ⚠ WARNING

#### ELECTRICAL SHOCK HAZARD

Before you begin, either unplug the refrigerator or turn off power at the circuit breaker or fuse box.  
Failure to do so could result in death or serious injury.

**NOTE:** Back cover should only be removed by a qualified technician.

Clean the vents on the back cover. Use a vacuum cleaner with the brush attachment, at least twice a year to keep your refrigerator working efficiently.



Back Cover

### LIGHT BULB REPLACEMENT

### ⚠ WARNING

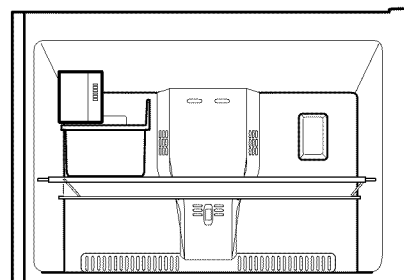
#### ELECTRICAL SHOCK HAZARD

Before replacing a burned-out light bulb, either unplug the refrigerator or turn off power at the circuit breaker or fuse box.

**NOTE:** Not all appliance bulbs will fit your refrigerator. Be sure to replace the bulb with a maximum rating of 60 watts and is the same size and shape.

**To change the freezer light:**

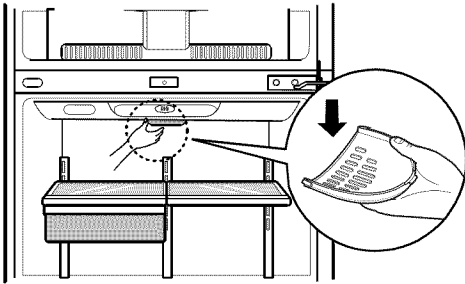
1. Unplug the power cord from the outlet.
2. Remove the light shield and remove bulb.
3. Replace with a 60 watt appliance bulb and replace light shield.
4. Plug in refrigerator and reconnect power.



## CARE AND CLEANING

### To change the refrigerator light:

1. Unplug refrigerator or disconnect power.
2. Remove refrigerator shelves.
3. Light shield is force fitted and has plastics tabs on each side and a tab in the front. Release the tabs on each side of light shield and push shield toward rear of refrigerator and remove.
4. Turn the bulb counterclockwise and remove.
5. Replace a burned-out light bulb with a new 40 watt bulb, turning it clockwise.
6. To replace light shield, position front tab into slot and carefully force-fit side tabs into slots.
7. Replace the refrigerator shelves.
8. Plug the power cord into the outlet.



**NOTE:** After 7 minutes of continuous lamp operation it will automatically turn off.

### POWER INTERRUPTIONS

If the electricity goes off, call the power company and ask how long it will be off.

1. If the power will be out for 24 hours or less, keep both refrigerator doors closed to help foods stay cold and frozen.
2. If the power will be out for more than 24 hours:

**A)** Remove all frozen food and store it in a frozen food locker.

**OR**

**B)** Place 2 lbs of dry ice in the freezer for every cubic foot of freezer space. This will keep the food frozen for two to four days. While handling dry ice, wear gloves to protect your hands from frostbite.

**OR**

**C)** If neither a food locker nor dry ice is available, consume or can perishable food at once.

**REMEMBER:** In a power failure, a full freezer stays cold longer than a partially filled one. A freezer full of meat stays cold longer than a freezer full of baked goods. If you see that food contains ice crystals, it may be safely refrozen, although the quality and flavor may be affected. If the condition of the food is poor, or if you feel it is unsafe, dispose of it.

### **⚠ WARNING**

#### **SUFFOCATION HAZARD**

When using dry ice, provide adequate ventilation. Dry ice is frozen carbon dioxide (**CO<sub>2</sub>**). When it vaporizes, it can displace oxygen, causing dizziness, light-headedness, unconsciousness and death by suffocation. Open a window and do not breathe the vapors.

### WHEN YOU GO ON VACATION

If you choose to leave the refrigerator on while you are away, follow these steps to prepare your refrigerator before you leave.

1. Use up any perishables and freeze other items.
2. Empty the ice bin.

If you choose to turn the refrigerator off before you leave, follow these steps.

1. Remove all food from the refrigerator.
2. Depending on your model, set the thermostat control (refrigerator control) to OFF. See the **Setting the Controls** section.
3. Clean refrigerator, wipe it and dry well.
4. 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.

### WHEN YOU MOVE

When you are moving your refrigerator to a new home, follow these steps to prepare it for the move.

1. Remove all food from the refrigerator and pack all frozen food in dry ice.
2. Depending on your model, turn the thermostat control (refrigerator control) to OFF. See the **Setting the Controls** section.
3. Unplug the refrigerator.
4. Empty the water from the defrost pan.
5. Clean, wipe and dry thoroughly.
6. Take out all removable parts, wrap them well and tape them together so they do not shift and rattle during the move.
7. Depending on the model, lower the front of the refrigerator so it rolls more easily OR screw in the leveling legs all the way so they do not scrape the floor. See the **Door Closing** section.
8. Tape the doors shut and tape the power cord to the refrigerator cabinet.

When you get to your new home, put everything back and refer to the **Installing Your Refrigerator** section for preparation instructions.

## ABOUT THE A AUTOMATIC ICEMAKER

### ICEMAKER

#### **⚠ WARNING**

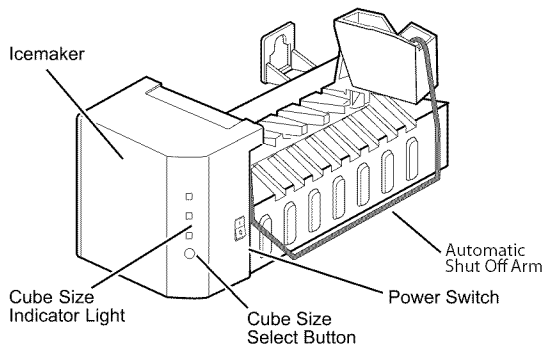
##### **PERSONAL INJURY HAZARD**

Avoid contact with the moving parts of the ejector mechanism, or with the heating element that releases the cubes. **DO NOT** place fingers or hands on the automatic icemaking mechanism while the refrigerator is plugged in.

### OPERATION INSTRUCTIONS

**NOTE:** Automatic Ice Maker feature is included only in certain models. Please check your product specification.

**A newly-installed refrigerator may take 12 to 24 hours to begin making ice.**



This icemaker will produce eight cubes per cycle approximately 100 – 130 cubes in a 24-hour period, depending on freezer compartment temperature, room temperature, number of door openings and other operating conditions.

If the refrigerator is used before the water connection is made to the icemaker, set the power switch to **O** (OFF).

When the refrigerator has been connected to the water supply, set the power switch to **I** (ON).

The icemaker will fill with water only when it cools to freezing. A newly-installed refrigerator may take 12 to 24 hours to begin making ice cubes.

Throw away the first few batches of ice to allow the water line to clear.

Be sure nothing interferes with the sweep of the feeler arm.

When the bin fills to the level of the feeler arm, the icemaker will stop producing ice.

It is normal for some cubes to be stuck together.

If ice is not used frequently, old ice cubes will become cloudy, taste stale, and shrink.

### WHEN YOU SHOULD SET THE ICEMAKER POWER SWITCH TO **O** (OFF)

- When the water supply will be shut off for several hours.
- When the ice storage bin is removed for more than a minute or two.
- When the refrigerator will not be used for several days.

### NORMAL SOUNDS YOU MAY HEAR

- The icemaker water valve will buzz as the icemaker fills with water. If the power switch is in the **I** (ON) position, it will buzz even if it has not yet been hooked up to water. To stop the buzzing, move the power switch to **O** (OFF).

**NOTE:** Keeping the power switch in the **I** (OFF) position before the water line is connected can damage the icemaker.

- You will hear the sound of cubes dropping into the bin and water running in the pipes as the icemaker refills.

### PREPARING FOR VACATION

Set the icemaker power switch to **O** (OFF) and shut off the water supply to the refrigerator.

If the surrounding air temperature will drop below freezing, have a qualified servicer drain the water supply system to prevent serious property damage due to flooding from ruptured water lines or connections.



## CONNECTING THE WATERLINE

**NOTE:** Water line installation is needed when the Automatic Ice Maker and/or Water Dispenser features are available on your product.

Before making the connection to the refrigerator, be sure the refrigerator power cord is not plugged into the wall outlet.

### BEFORE YOU BEGIN

This water line installation is not warranted by the refrigerator or icemaker manufacturer. Follow these instructions carefully to minimize the risk of expensive water damage.

Water hammer (water banging in the pipes) in house plumbing can cause damage to refrigerator parts and lead to water leakage or flooding. Call a qualified plumber to correct water hammer before installing the water supply line to the refrigerator.

To prevent burns and product damage, do not hook up the water line to the hot water line.

If you use your refrigerator before connecting the water line, make sure the icemaker power switch is in the **O** (OFF) position. Do not install the icemaker tubing in areas where temperatures fall below freezing.

When using any electrical device (such as a power drill) during installation, be sure the device is doubleinsulated or grounded in a manner to prevent the hazard of electric shock, or is battery-powered.

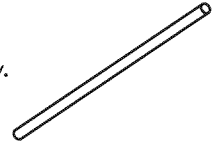
All installations must be in accordance with local plumbing code requirements.

**NOTE:** Wear eye protection.

- If a **reverse osmosis water filtration system** is connected to your cold water supply, This water line installation is not warranted by the refrigerator or icemaker manufacturer. Follow next instructions carefully to minimize the risk of expensive water damage.
- 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 or 0,27 MPa to 0,41MPa (2,8 kg·f/cm<sup>2</sup> ~ 4,2 kg·f/cm<sup>2</sup>, less than 2 ~ 3 seconds to fill a cup of 7 oz capacity [0,2 liters]). If the water pressure from the reverse osmosis system is less than 21 PSI or 0,14 MPa (1,5 kg·f/cm<sup>2</sup>, more than 4 seconds to fill a cup of 7 oz capacity [0,2 liters]).
- 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.
- If the issue about water pressure from reverse osmosis remains, call a licensed, qualified plumber.

### WHAT YOU WILL NEED

- Copper Tubing, 1/4" outer diameter to connect the refrigerator to the water supply. Be sure both ends of the tubing are cut square.

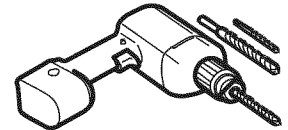


To determine how much tubing you need: measure the distance from the water valve on the back of the refrigerator to the water supply pipe. Then add 8 feet (2,4 m). Be sure there is sufficient extra tubing (about 8 feet [2,4 m] coiled into 3 turns of about 10 in [25 cm] diameter) to allow the refrigerator to move out from the wall after installation.

Be sure that the kit you select allows at least 8 feet (2.4 m) as described above.

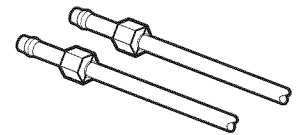
- **A cold water supply.** The water pressure must be between 20 and 120 PSI (0,137 and 0,82 MPa or 1,4 and 8,2 bar) on models without a water filter and between 40 and 120 PSI (0,275 and 0,82 MPa or 2,8 and 8,2 bar) on models with a water filter.

- **Power drill.**
- **1/2" or adjustable wrench.**

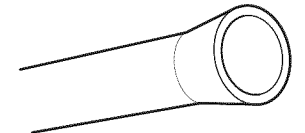


- **Straight- and Phillipsblade screwdriver.**

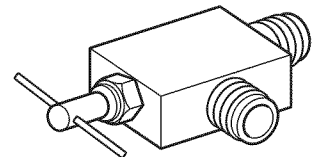
- **Two 1/4" outer diameter compression nuts and 2 ferrules (sleeves)** to connect the copper tubing to the shutoff valve and the refrigerator water valve.



- If your existing copper water line has a flared fitting at the end, you will need an adapter (available at plumbing supply stores) to connect the water line to the refrigerator OR you can cut off the flared fitting with a tube cutter and then use a compression fitting.



- **Shut off valve to connect to the cold water line.** The shutoff valve should have a water inlet with a minimum inside diameter of 5/32" at the point of connection to the COLD WATER LINE. Saddle-type shutoff valves are included in many water supply kits. Before purchasing, make sure a saddle-type valve complies with your local plumbing codes.



# CONNECTING THE WATERLINE

## INSTALLATION INSTRUCTIONS

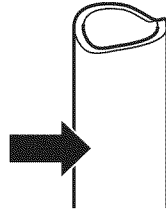
Install the shutoff valve on the nearest frequently used drinking water line.

### 1. SHUT OFF THE MAIN WATER SUPPLY

Turn on the nearest faucet to relieve the pressure on the line.

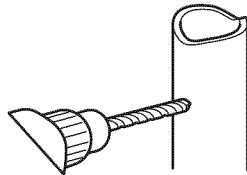
### 2. CHOOSE THE VALVE LOCATION

Choose a location for the valve that is easily accessible. It is best to connect into the side of a vertical water pipe. When it is necessary to connect into a horizontal water pipe, make the connection to the top or side, rather than at the bottom, to avoid drawing off any sediment from the water pipe.



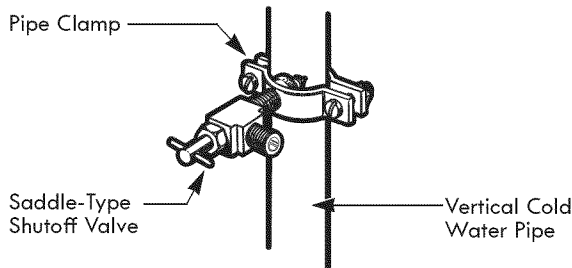
### 3. DRILL THE HOLE FOR THE VALVE

Drill a 1/4" hole in the water pipe (even if using a selfpiercing 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.



### 4. FASTEN THE SHUT OFF VALVE

Fasten the shutoff valve to the cold water pipe with the pipe clamp.

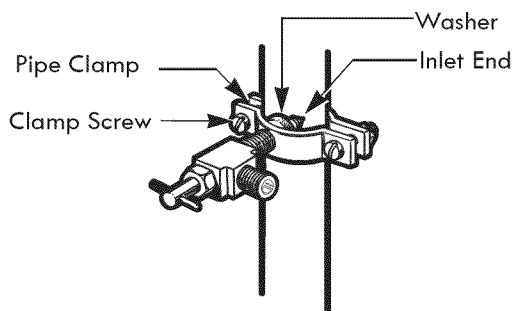


**NOTE:** Commonwealth of Massachusetts Plumbing Codes 248CMR shall be adhered to. Saddle valves are illegal and use is not permitted in Massachusetts. Consult with your licensed plumber.

### 5. TIGHTEN THE PIPE CLAMP

Tighten the clamp screws until the sealing washer begins to swell.

**NOTE:** Do not over tighten or you may crush the tubing.



### 6. ROUTE THE TUBING

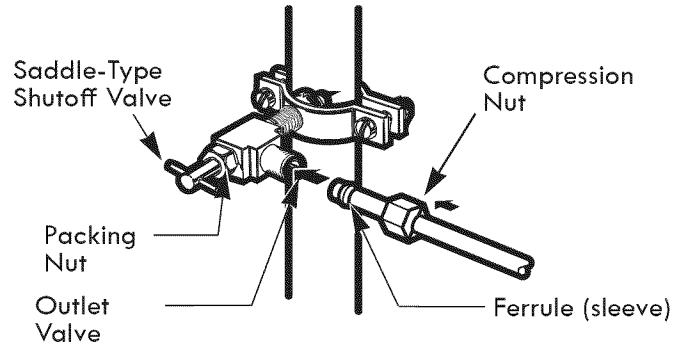
Route the tubing between the cold water line and the refrigerator.

Route the tubing through a hole drilled in the wall or floor (behind the refrigerator or adjacent base cabinet) as close to the wall as possible.

**NOTE:** Be sure there is sufficient extra tubing (about 8 feet coiled into 3 turns of about 10 inches in diameter) to allow the refrigerator to move out from the wall after installation.

### 7. CONNECT THE TUBING TO THE VALVE

Place the compression nut and ferrule (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.



**NOTE:** Commonwealth of Massachusetts Plumbing Codes 248CMR shall be adhered to. Saddle valves are illegal and use is not permitted in Massachusetts. Consult with your licensed plumber.

### 8. FLUSH OUT THE TUBING

Turn the main water supply on and flush out the tubing until the water is clear.

Shut the water off at the water valve after about one quart of water has been flushed through the tubing.

## CONNECTING THE WATERLINE

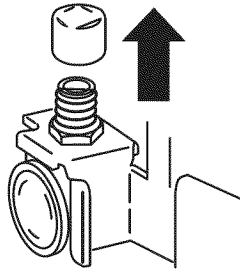
### 9. CONNECT THE TUBING TO THE REFRIGERATOR

#### NOTES:

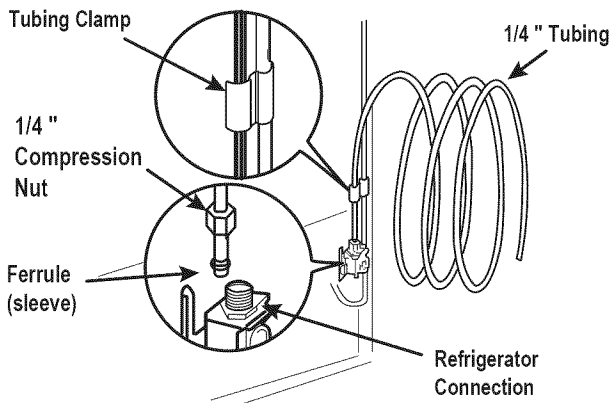
- Before making the connection to the refrigerator, be sure the refrigerator power cord is not plugged into the wall outlet.
- If your refrigerator does not have a water filter, we recommend installing one. If your water supply has sand or particles that could clog the screen of the refrigerator's water valve. Install the filter in the water line near the refrigerator.

**IMPORTANT:** Do not use old, worn or used waterlines, only use new for a better use and service. Connect only to the supply of drinking water for your safety and health.

1. Remove the plastic flexible cap from the water valve connection.
2. Place the compression nut and ferrule (sleeve) onto the end of the tubing.
3. Insert the end of the tubing into the connection as far as possible. While holding the tubing, tighten the fitting.



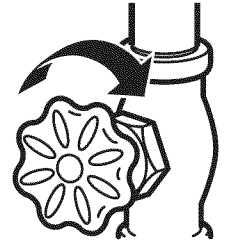
**CAUTION:** Check to see if leaks occur at water line connections.



**CAUTION:** Check to see if water dripping occurs at water line connections.

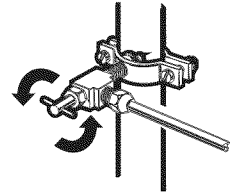
### 4. TURN THE WATER ON AT THE SHUT OFF VALVE

Tighten any connections that leak. Reattach the compressor compartment access cover.



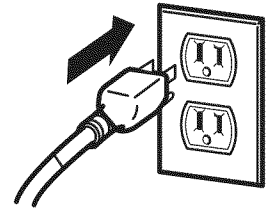
### 5. PLUG IN THE REFRIGERATOR

Arrange the coil of tubing so that it does not vibrate against the back of the refrigerator or against the wall. Push the refrigerator back to the wall.



### 6. START THE ICE MAKER

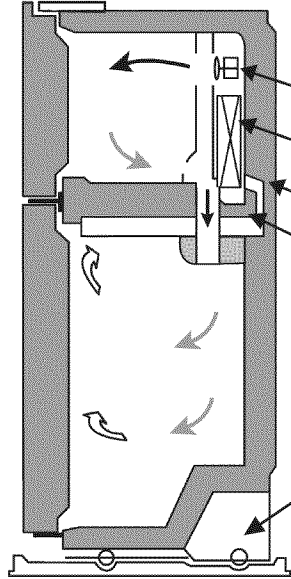
Set the icemaker power switch to the I (ON) position. The icemaker will not begin to operate until it reaches its operating temperature of 15°F (-9°C) or below. It will then begin operation automatically if the icemaker power switch is in the I (ON) position.



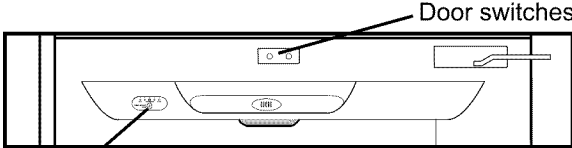
## TROUBLESHOOTING GUIDE

### UNDERSTANDING SOUNDS YOU MAY HEAR

Your new refrigerator may make sounds that your old one did not make. Because the sounds are new to you, you might be concerned about them. Most of the new sounds are normal. Hard surfaces, like the floor, walls and cabinets, can make the sounds seem louder than they actually are. The following describes the kinds of sounds and what may be making them.



- The defrost timer will click when the automatic defrost cycle begins and ends. The thermostat control (or refrigerator control, depending on the model) will also click when cycling on and off.
- Rattling noises may come from the flow of refrigerant, the water line, or items stored on top of the refrigerator.
- Your refrigerator is designed to run more efficiently to keep your food items at the desired temperature.
- The high efficiency compressor may cause your new refrigerator to run longer than your old one, and you may hear a pulsating or high-pitched sound.
- You may hear the evaporator fan motor circulating the air through the refrigerator and freezer compartments.
- As each cycle ends, you may hear a gurgling sound due to the refrigerant flowing in your refrigerator.
- Contraction and expansion of the inside walls may cause a popping noise.
- Water dripping on the defrost heater during a defrost cycle may cause a sizzling sound.
- You may hear air being forced over the condenser by the condenser fan.
- You may hear water running into the drain pan during the defrost cycle.

Problem	Possible Causes	Solutions
<b>Refrigerator is not cooling</b>	The power supply cord is unplugged.	Firmly plug the cord into a live outlet with proper voltage (see <b>Electrical &amp; Grounding Requirements</b> ).
	A household fuse has blown or a circuit breaker has tripped.	Replace the fuse or reset the circuit breaker.
	The refrigerator is in the defrost cycle.	Wait about 30 minutes for defrost cycle to end.
	The control panel lights are blinking sequentially (1-2-3-4-5):	<p>The refrigerator has been put into the store Demo (Demonstration) Mode. To exit the Demo Mode:</p> <ol style="list-style-type: none"> <li>1. Open both refrigerator and freezer doors.</li> <li>2. Push in both door switches and at the same time press and hold the Temperature Adjust button for 5 seconds.</li> </ol> <div style="text-align: center;">  <p style="text-align: center;">Temp. Adjust Button</p> </div>

## TROUBLESHOOTING GUIDE

Problem	Possible Causes	Solutions
Lights do not work	The power supply cord is unplugged.	Firmly plug the cord into a live outlet with proper voltage.
	A light bulb is loose in the socket.	Either unplug the refrigerator or turn off power at the circuit breaker or fuse box. Gently remove the bulb and reinsert. Then plug in refrigerator and reset the refrigerator control.
	A light bulb has burned out.	Unplug the refrigerator prior to the replacement. Replace the old bulb with a new 60 watts appliance bulb with same size and shape. (See <b>Light Bulb Replacement</b> section)
Vibration or rattling noise	The refrigerator is not resting solidly on the floor.	Floor is weak or uneven or leveling legs need adjusting. See <b>Installation</b> section.
Compressor seems to run too much	The refrigerator that was replaced was an older model.	Modern refrigerators with more storage space require more operating time.
	The room temperature is warmer than normal.	The compressor will run longer under warm conditions. At normal room temperatures, expect your motor to run about 40% to 80% of the time. Under warmer conditions, expect it to run even more often. This model is still more energy efficient than previous models.
	The door is opened often or a large amount of food has just been added.	Adding food and opening the door warms the refrigerator. It is normal for the refrigerator to run longer in order to cool the refrigerator back down. Adding a large amount of food warms the refrigerator. In order to conserve energy, try to get everything you need out of the refrigerator at once, keep food organized so it is easy to find, and close the door as soon as the food is removed. (See the <b>Food Storage Guide</b> .)
	The refrigerator was recently plugged in and the refrigerator control was set correctly.	The refrigerator will take up to 24 hours to cool completely.
	The refrigerator control is not set correctly for the surrounding conditions.	See the <b>Adjusting Control Settings</b> section.
	The doors are not closed completely.	Firmly push the doors shut. If they will not shut all the way, see "Doors will not close completely" in troubleshooting guide.
	The back cover is dirty.	This prevents air transfer and makes the motor work harder. Clean the back cover. Refer to the <b>Care and Cleaning</b> section.
Doors will not close completely	The refrigerator is not level.	See the <b>Installation</b> section to level refrigerator.
	Food packages are blocking the door open.	Rearrange food containers to clear door and door shelves.
	The ice bin, crisper covers, pans, shelves, door bins or baskets are out of position.	Push bins all the way in and put crisper cover, pans, shelves and baskets into their correct positions. See the <b>Using Your Refrigerator</b> section.
	The gaskets are sticking.	Clean gaskets and the surfaces that they touch. rub a thin coat of appliance polish or kitchen wax on the gaskets after cleaning.
	The refrigerator wobbles or seems unstable.	Level the refrigerator, refer to the <b>Door Closing and Alignment</b> section.
	The doors were removed during product installation and not properly replaced.	Remove and replace the doors according to the <b>Removing, Reversing and Replacing Refrigerator Doors</b> section or call a qualified service technician.

## TROUBLESHOOTING GUIDE

Problem	Possible Causes	Solutions
<b>Frost or ice crystals on frozen food</b>	The door is not closing properly.	See "Door will not close completely" in troubleshooting guide.
	The door is opened often.	When the door is opened, warm, humid air is allowed in the freezer resulting in frost.
<b>Ice has off-taste or odor</b>	The icemaker was recently installed.	Discard first few batches of ice to avoid discolored or off-flavored ice.
	The ice has been stored for too long.	Throw away old ice and make a new supply.
	The food has not been wrapped tightly in either compartment.	Rewrap foods since odors may migrate to the ice if food is not wrapped properly.
	The water supply contains minerals such as sulfur.	A filter may need to be installed to eliminate taste and odor problems.
	The interior of refrigerator needs cleaning.	See <b>Care and Cleaning</b> section.
	Ice storage bin needs cleaning.	Empty and wash bin. Discard old cubes.
<b>There is water in the defrost drain pan</b>	The refrigerator is defrosting.	The water will evaporate. It is normal for water to drip into the defrost pan.
	It is more humid than normal.	Expect that the water in the defrost pan will take longer to evaporate. This is normal when it is hot or humid.
<b>The refrigerator seems to make too much noise</b>	The sounds may be normal for your refrigerator.	Refer to the <b>Understanding Sound You May Hear</b> section.
<b>The icemaker is not producing ice or not enough ice</b>	New installation.	Wait 24 hours after icemaker installation for ice production to begin. Wait 72 hours for full ice production.
	The refrigerator is not connected to a water supply or the supply shutoff valve is not turned on.	Connect refrigerator to the water supply and turn water shutoff valve fully open.
	Reverse osmosis water filtration system is connected to your cold water supply.	Reverse osmosis filtration systems can reduce the water pressure below the minimum amount and result in icemaker issues.
	Kink in the water source line.	A kink in the line can reduce water flow. Straighten the water source line.
	A large amount of ice recently has been removed.	Allow 24 hours for the icemaker to produce more ice. <b>NOTE:</b> An extra ice bucket is provided in the freezer section.
	The icemaker is not turned on.	Locate the icemaker on/off switch and confirm it is in the <b>ON (I)</b> position.
	There is something on the ice-detecting sensor.	Foreign substances or frost on the ice-detecting sensor can interrupt ice production. Make sure the sensor area is clean at all times for proper operation.
	The temperature setting for the freezer is too warm.	Below 0°F is the recommended temperature for the freezer compartment for normal ice production. If the freezer temperature is warmer, ice production will be affected.
	The doors are opened often.	If the doors of the unit are opened often, the cold air will escape which will prevent the unit from maintaining the set temperature. Lowering the temperature can help, as well as not opening the doors as frequently.
	The doors are not closing properly.	If the doors are not properly closed, ice production will be affected.
	The ice compartment door is not closing properly.	If the ice compartment door is not properly closed, ice production will be affected. Make sure ice compartment door is closed for proper operation.

## TROUBLESHOOTING GUIDE

Problem	Possible Causes	Solutions
<b>Temperature is too warm or there is interior moisture build-up</b>	The air vents are blocked. Cold air circulates from the freezer to the fresh food section and back again through air vents in the wall dividing the two sections.	Locate air vents by using your hand to sense airflow and move all packages that block vents and restrict airflow. Refer to Multi Flow section for the location of the air vents.
	The doors are opened often.	When the door is opened, warm humid air is allowed into the refrigerator. The more the door is opened, the faster the humidity builds up, and the more warm air the refrigerator must cool. In order to keep the refrigerator cool, try to get everything you need out of the refrigerator at once, keep food organized so it is easy to find, and close the door as soon as the food is removed.
	The control is not set correctly for the surrounding conditions.	Refer to the Setting the Controls section on page 18. Wait 24 hours for temperatures to stabilize or even out. If the temperature is too cold or too warm, change the setting one level at a time.
	A large amount of food has just been added to the refrigerator or freezer.	Adding food warms the refrigerator. It can take a few hours for the refrigerator to return to normal temperature.
	The food is not packaged correctly.	Wrap food tightly and wipe off damp containers prior to storing in the refrigerator to avoid moisture accumulation. If necessary, repackage food according to the guidelines in the Food Storage Guide section.
	The doors are not closing completely.	See "Doors will not close completely" in troubleshooting guide.
	The weather is humid.	In humid weather, air carries moisture into the refrigerator when the doors are opened.
	A self-defrost cycle was completed.	It is normal for droplets to form on the back wall after the refrigerator self-defrosts.
<b>The doors are difficult to open</b>	The gaskets are dirty or sticky.	Clean the gaskets and the surfaces that they touch. Rub a thin coat of appliance polish or kitchen wax on the gaskets after cleaning.
	The door is reopened within a short time after having been opened.	When you open the door, warmer air enters the refrigerator. As the warm air cools, it can create a vacuum. If the door is hard to open, wait 5 minutes to allow the air pressure to equalize, then see if it opens more easily.

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