



# Use And Care

## G U I D E

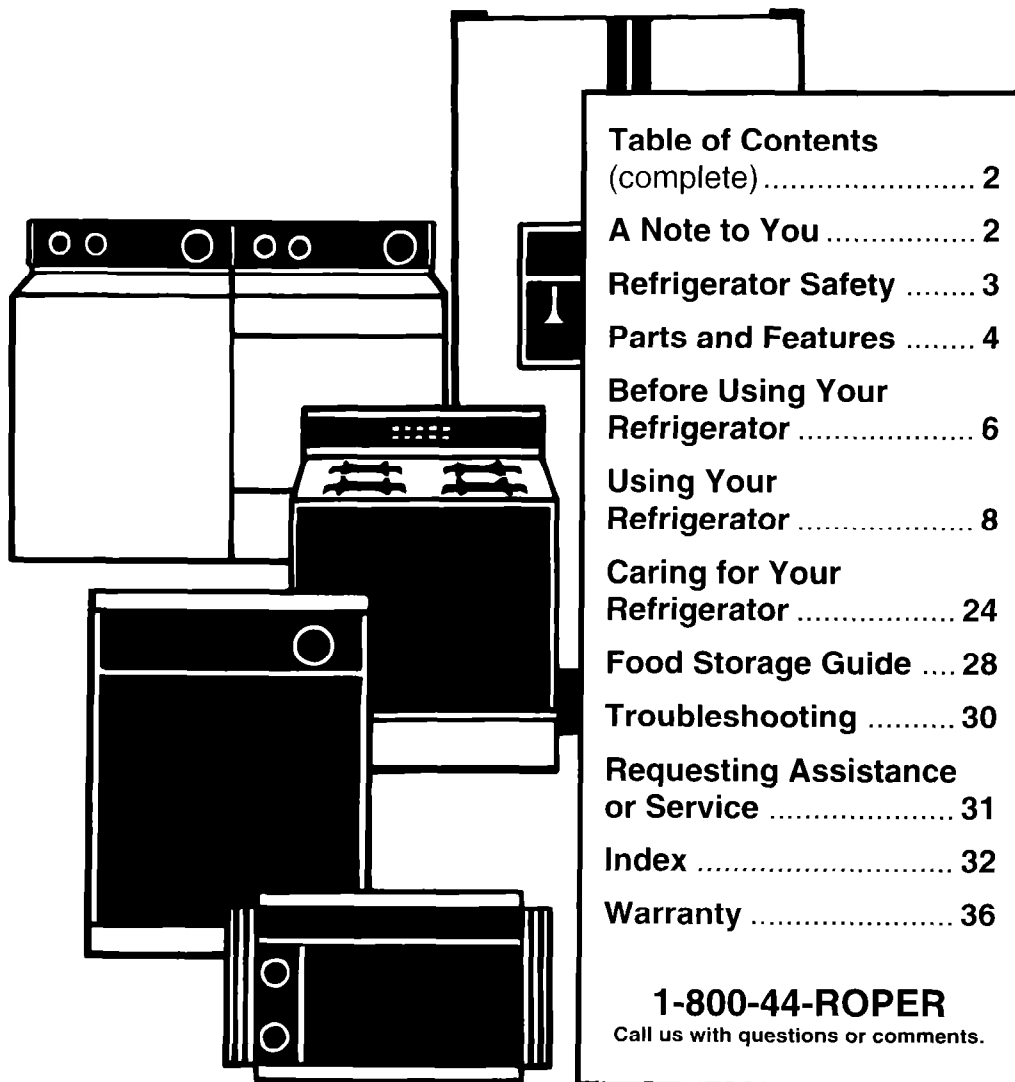


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**1-800-44-ROPER**

Call us with questions or comments.

**NO-FROST REFRIGERATOR-FREEZERS**

PART NO. 2189761

1/96

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## A Note to You

### Thank you for buying a ROPER® appliance.

ROPER appliances give you all the functionality of name brand appliances at a value price. To ensure you enjoy years of trouble-free operation, we developed this Use and Care Guide. It contains valuable information about how to operate and maintain your appliance properly and safely. Please read it carefully. Also, please complete and mail the Ownership Registration Card provided with your appliance. This card helps us notify you about any new information on your appliance.

### Please record your model's information.

Whenever you call to request service on your appliance, you need to know your complete model number and serial number. You can find this information on the model and serial number label (see diagrams on pages 4-5 for location of label).

Please also record the purchase date of your appliance and your dealer's name, address, and telephone number.

Model Number \_\_\_\_\_

Serial Number \_\_\_\_\_

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

Dealer Name \_\_\_\_\_

Dealer Address \_\_\_\_\_

Dealer Phone \_\_\_\_\_

**Keep this book and the sales slip together in a safe place for future reference.**

# Refrigerator Safety

## Your safety is important to us.

This guide contains statements under warning symbols. Please pay special attention to these symbols and follow any instructions given. Here is a brief explanation of the use of the symbol.

## **WARNING**

This symbol alerts you to such dangers as fire, electrical shock, burns, and personal injury.

## IMPORTANT SAFETY INSTRUCTIONS

### **WARNING**

To reduce the risk of fire, electrical shock, or injury when using your refrigerator, follow these basic precautions:

- Read all instructions before using the refrigerator.
- Child entrapment and suffocation are not problems of the past. Junked or abandoned refrigerators are still dangerous ... even if they will "just sit in the garage a few days."

If you are getting rid of your old refrigerator, do it safely. Please read the enclosed safety booklet from the Association of Home Appliance Manufacturers. Help prevent accidents.

- Never allow children to operate, play with, or crawl inside the refrigerator.
- Never clean refrigerator parts with flammable fluids. The fumes can create a fire hazard or explosion.

#### • FOR YOUR SAFETY •

DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE. THE FUMES CAN CREATE A FIRE HAZARD OR EXPLOSION.

**– SAVE THESE INSTRUCTIONS –**

## Help us help you

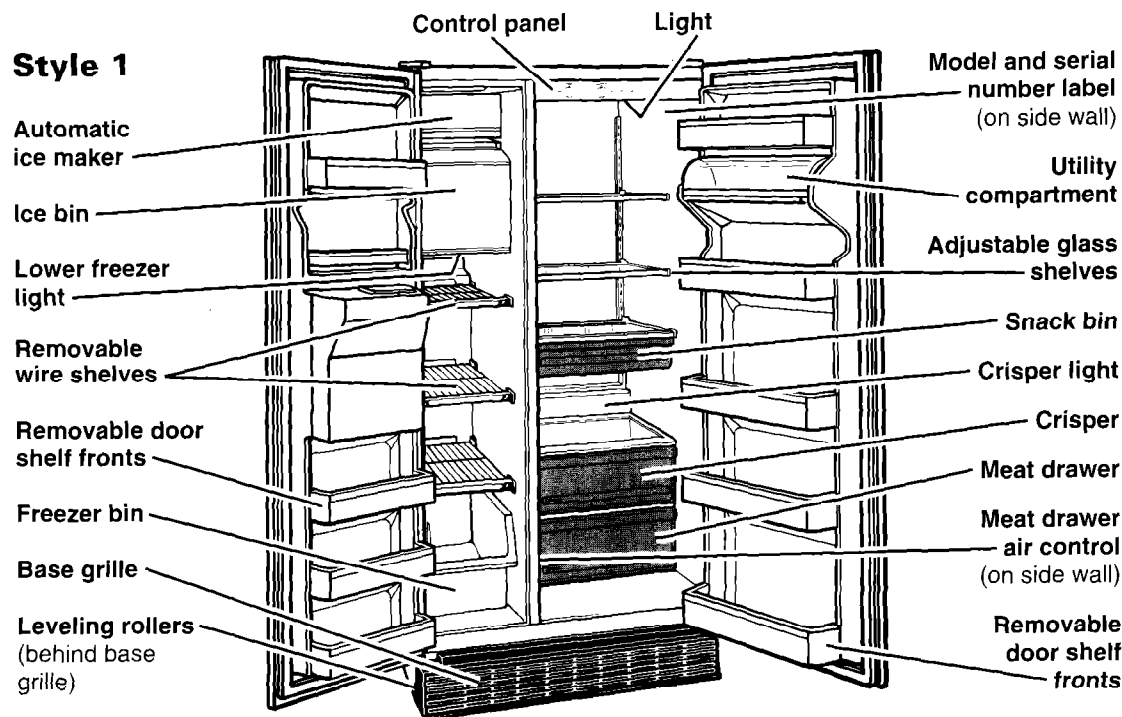
Please:

- Install and level the refrigerator on a floor that will hold the weight and in an area suitable for its size and use.
- Do not install the refrigerator near an oven, radiator, or other heat source.
- Do not use the refrigerator in an area where the room temperature will fall below 55°F (13°C).
- Keep the refrigerator out of the weather.
- Connect the refrigerator only to the proper kind of outlet, with the correct electrical supply and grounding. (Refer to the Electrical Requirements and Grounding Instructions Sheet.)
- Do not load the refrigerator with food before it has time to get properly cold.
- Use the refrigerator only for the uses described in this manual.
- Properly maintain the refrigerator.
- Be sure the refrigerator is not used by anyone unable to operate it properly.

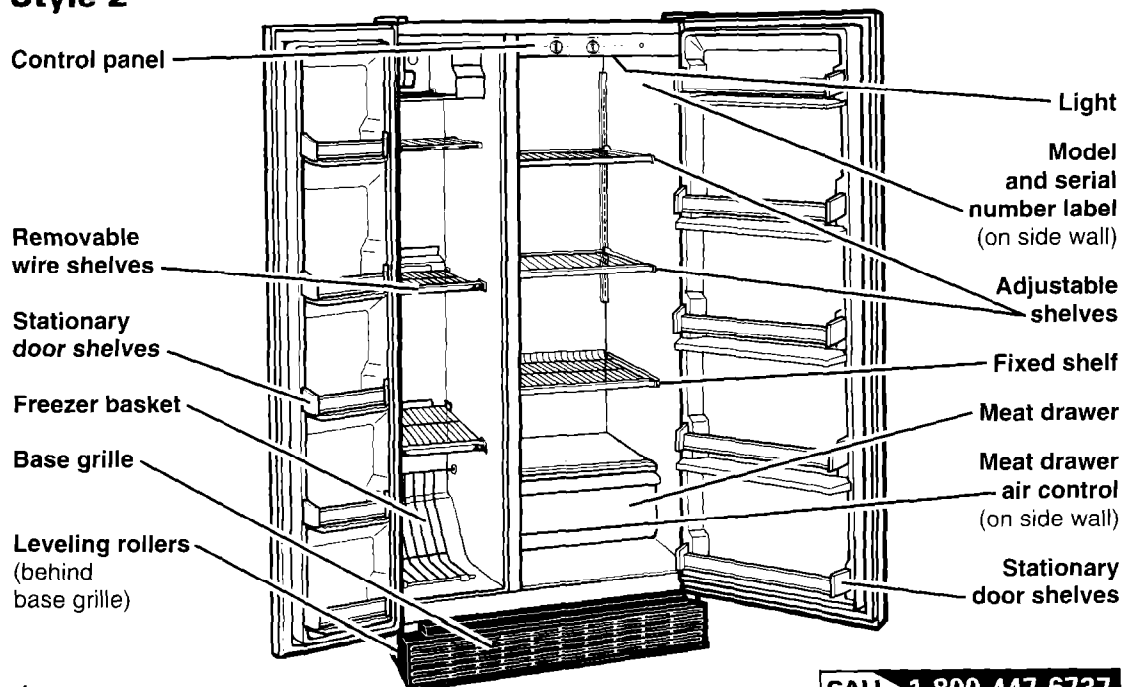
# Parts and Features

This section contains captioned illustrations. Use them to become familiar with where all parts and features are located and what they look like.

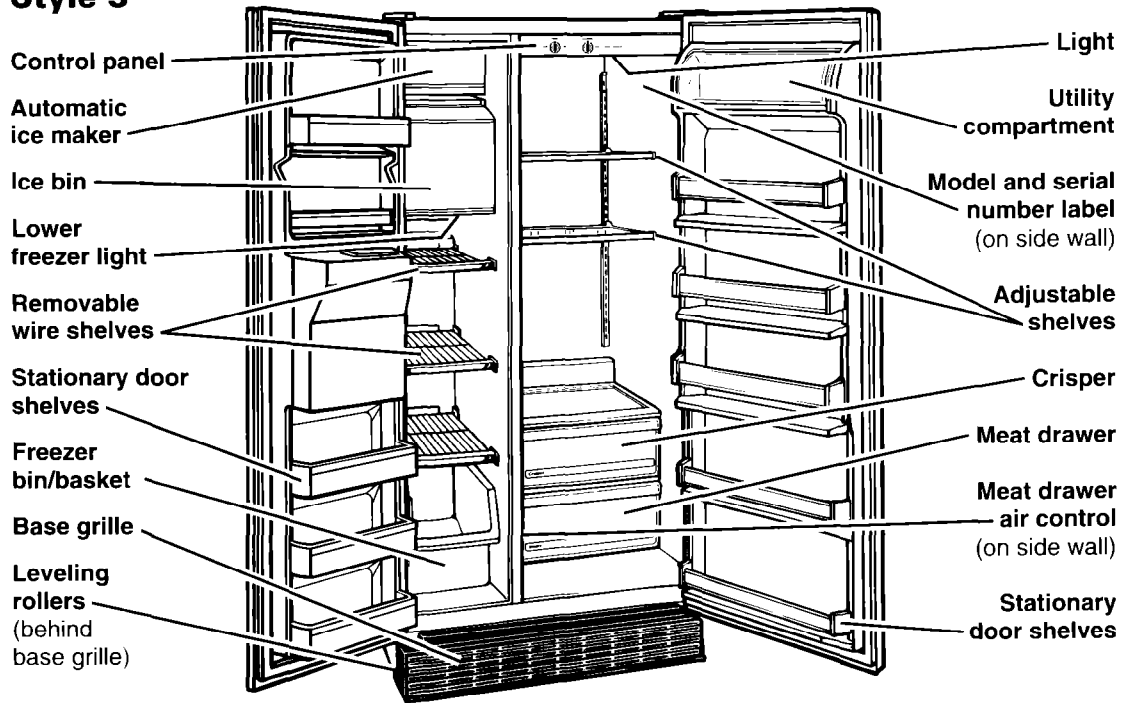
**NOTE:** The model you have purchased may have all or some of the parts and features shown and they may not match the illustration exactly. This manual covers several models.



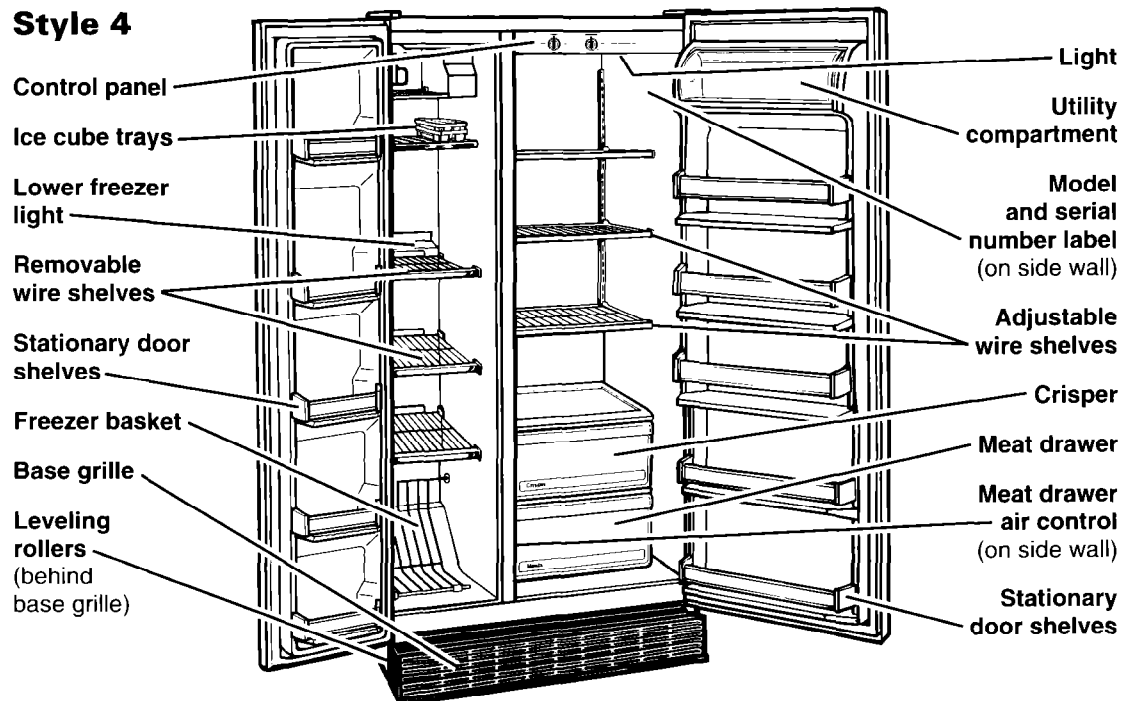
## Style 2



## Style 3



## Style 4



# Before Using Your Refrigerator

It is important to prepare your refrigerator for use. This section tells you how to clean it, connect it to a power source, install it, and level it.

## Cleaning your refrigerator

### Removing packaging materials

Remove tape and any inside labels (except the model and serial number label) before using the refrigerator.

#### To remove any remaining glue:

- Rub briskly with thumb to make a ball, then remove.

#### OR

- Soak area with liquid hand-dishwashing detergent before removing glue as described above. Do not use sharp instruments, rubbing alcohol, flammable fluids, or abrasive cleaners. These can damage the material. See "Important Safety Instructions" on page 3.

**NOTE:** Do not remove any permanent instruction labels inside your refrigerator. Do not remove the Tech Sheet fastened under the refrigerator at the front.

### Cleaning it before use

After removing all packaging materials, clean your refrigerator before using it, if necessary. See cleaning instructions on pages 24-25.

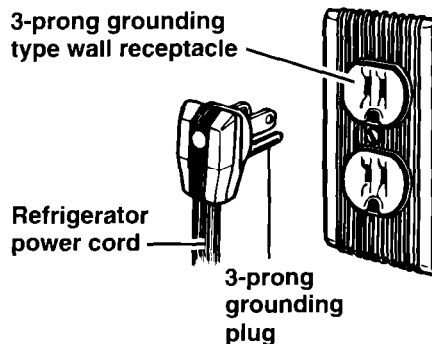


## Plugging it in

### Recommended Grounding Method

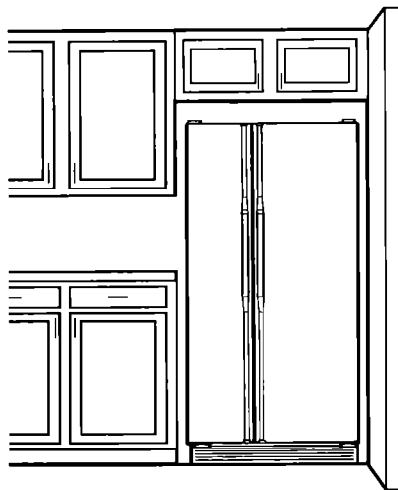
A 115 Volt, 60 Hz., AC only 15 or 20 ampere fused and properly grounded electrical supply is required. It is recommended that a separate circuit serving only this appliance be provided. Use a receptacle which cannot be turned off with a switch or pull chain. Do not use an extension cord.

See Electrical Requirements and Grounding Instructions Sheet in your Literature Package.



## Installing it properly

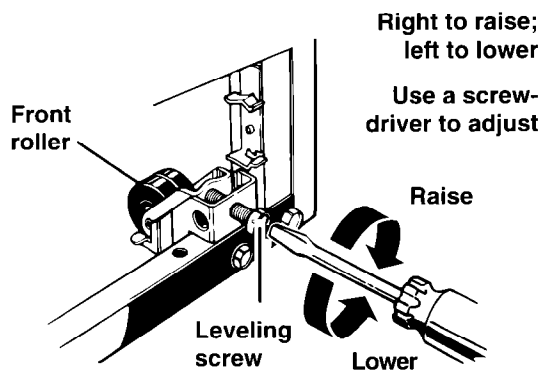
1. Allow ½ inch (1.25 cm) space on each side and at the top of the refrigerator for ease of installation.
2. If the refrigerator is to be against a wall, you might want to leave extra space on the hinge side closest to the wall so the door can be opened wider.
3. The refrigerator can be flush against the wall.



## Leveling it

Your refrigerator has two front leveling screws – one on the right and one on the left. To adjust one or both of these, follow the directions below.

1. Remove base grille. (See page 21.)
2. To raise front, turn screw clockwise.
3. To lower front, turn screw counterclockwise.
4. Check with level.
5. Replace base grille. (See page 21.)



# Using Your Refrigerator

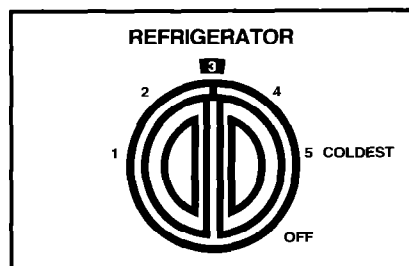
To obtain the best possible results from your refrigerator, it is important that you operate it properly. This section tells you how to set the controls, remove and adjust some of the features in your refrigerator, and how to save energy.

## Setting the controls

Controls for the refrigerator and freezer are in the refrigerator. When you plug in the refrigerator for the first time:

**1. Set the Refrigerator Control to 3.**

Refrigerator Control adjustments range from 1 (warmest) to 5 (coldest).

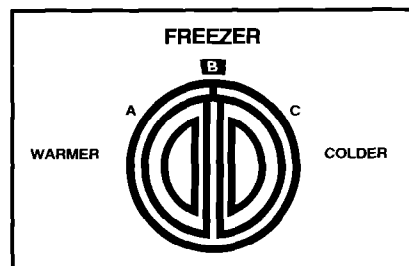


**2. Set the Freezer Control to B.**

Freezer Control adjustments range from A (warmest) to C (coldest).

**3. Give the refrigerator time to cool down completely before adding food. This may take several hours.**

The settings indicated above should be correct for normal, household refrigerator usage. The controls are set correctly when milk or juice is as cold as you like and when ice cream is firm. If you need to adjust these settings, see "Changing the control settings" on page 9.



**NOTE:** The Automatic Exterior Moisture control continuously guards against moisture buildup on the outside of your refrigerator cabinet. This control does not have to be set or adjusted.



## Changing the control settings

If you need to adjust temperatures in refrigerator or freezer, use the settings listed in the chart below as a guide. If you have questions, call our toll-free number, **1-800-44-ROPER**.

- Adjust the Refrigerator Control first.
- Wait at least 24 hours between adjustments.
- Then adjust the Freezer Control if needed.

CONDITION:	REASON:	RECOMMENDED CONTROL SETTINGS:	
<b>Refrigerator section too warm</b>	<ul style="list-style-type: none"> <li>• Door opened often</li> <li>• Large amount of food added</li> <li>• Room temperature too warm</li> </ul>	Refrigerator	4
		Freezer	A
<b>Freezer section too warm</b>	<ul style="list-style-type: none"> <li>• Door opened often</li> <li>• Large amount of food added</li> <li>• Very cold room temperature (can't cycle often enough)</li> </ul>	Refrigerator	3
		Freezer	C
<b>Refrigerator section too cold</b>	<ul style="list-style-type: none"> <li>• Controls not set correctly for your conditions</li> </ul>	Refrigerator	2
		Freezer	B
<b>Ice not made fast enough</b>	<ul style="list-style-type: none"> <li>• Heavy ice usage</li> <li>• Very cold room temperature (can't cycle often enough)</li> </ul>	Refrigerator	3
		Freezer	C
<b>Both sections too warm</b>	<ul style="list-style-type: none"> <li>• Door opened often</li> <li>• Large amount of food added</li> <li>• Very warm or very cold room temperatures</li> </ul>	Refrigerator	4
		Freezer	B

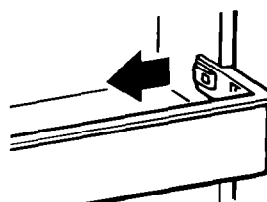
## Removing the door shelf fronts

(on some models)

Remove the door shelf fronts for easier cleaning.

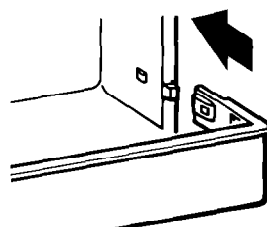
### To remove shelf fronts:

1. Remove all items from the shelf.
2. Pull out on the inside tab at each end of the shelf front.
3. Pull shelf front straight out.



### To replace shelf fronts:

1. Line up each end of the shelf front with the button on the door liner wall.
2. Push shelf front straight back until it snaps securely into place.
3. Replace items on the shelf.



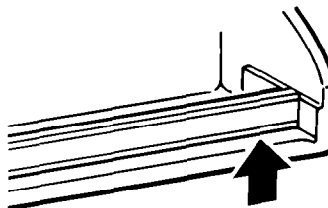
### Removing the door trim (dispenser area)

#### (on some models)

Remove the trim above the dispenser area for easier cleaning.

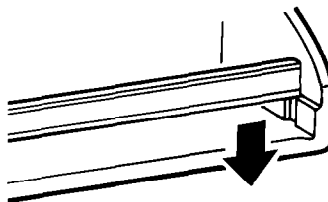
#### To remove trim:

1. Remove all items from the shelf.
2. Pull straight up at each end of the trim.



#### To replace trim:

1. Line up each end of the trim above the trim pocket opening in the door liner wall.
2. Push the trim straight down until it stops.
3. Replace items on the shelf.



### Adjusting the refrigerator shelves

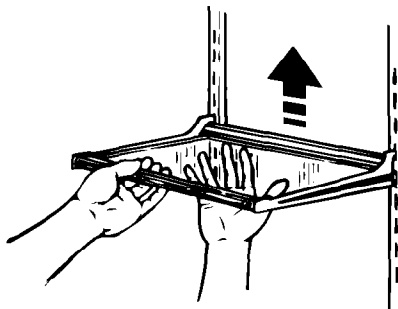
Adjust the shelves to match the way you use your refrigerator. Glass shelves are strong enough to hold bottles, milk, and other heavy food items.

#### To remove the shelves:

1. Remove items from the shelf.
2. Tilt shelf up at front.
3. Lift shelf up at back.
4. Pull shelf straight out.

#### To replace the shelves:

1. Guide the rear shelf hooks into the slots in the shelf supports on the back liner wall.
2. Tilt front of shelf up until hooks drop into slots.
3. Lower front of shelf to a level position.



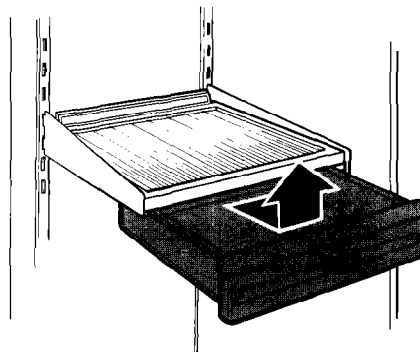
Glass shelves are heavy. Be careful.

**NOTE:** Wire shelves on some models.

### Removing the snack bin (on some models)

To remove the snack bin:

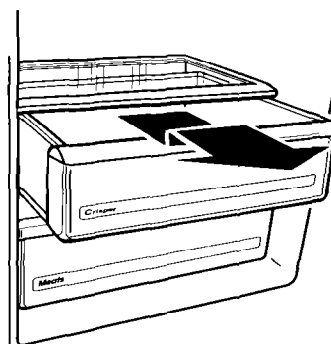
1. Slide snack bin straight out to the stop with an even, constant motion.
2. Lift the front.
3. Slide bin out the rest of the way.
4. Replace in reverse order.



### Removing the crisper and crisper cover

To remove the crisper:

1. Slide the crisper straight out to the stop.
2. Lift the front slightly.
3. Slide out the rest of the way.
4. Replace in reverse order.



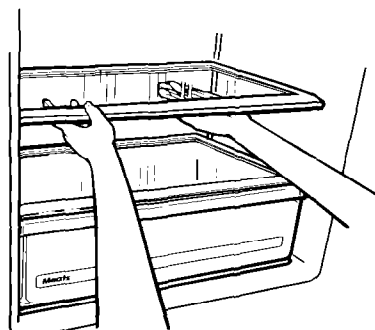
Pull out to the stop, lift the front, and pull again.

To remove the cover:

1. Hold cover firmly with both hands and lift front of cover off supports.
2. Lift cover out by pulling up and out.

To replace the cover:

1. Fit back of cover into notch supports on walls of refrigerator.
2. Lower front into place.



Lift the cover front, then the back.

### Removing the meat drawer and cover

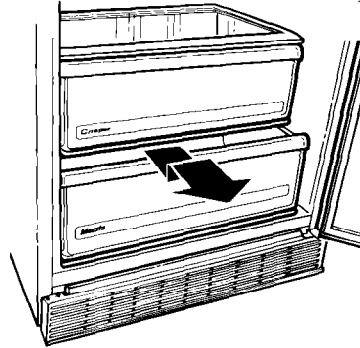
**To remove the meat drawer:**

1. Slide the meat drawer straight out to the stop.
2. Lift the front slightly.
3. Slide out the rest of the way.
4. Replace in reverse order.

**To remove the cover:**

1. Remove the crisper, the crisper cover, and the meat drawer.
2. Tilt front of cover up.
3. Lift cover at back and pull straight out.
4. Replace in reverse order.

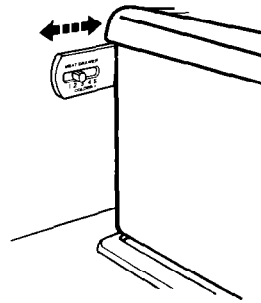
Pull out to the stop, lift the front, and pull again.



### Adjusting the meat drawer temperature

Cold air flows from the freezer into the meat drawer. This helps keep the meat drawer colder than the rest of the refrigerator for better storage of meats.

Slide the control from side to side to let more or less cold air through.



### Removing the freezer bin/basket (on some models)

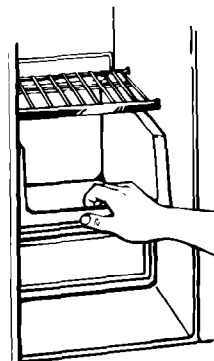
**To remove the bin/basket:**

1. Slide out to the stop.
2. Lift the front to clear the stop.
3. Slide out the rest of the way.

**To replace the bin/basket:**

1. Place on the slides.
2. Make sure the wire stops clear the front of the slides.
3. Slide in all the way.

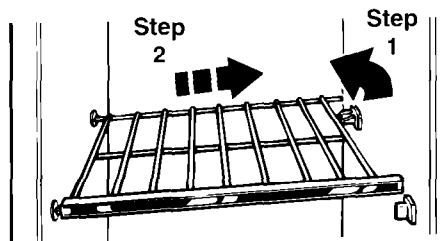
Pull out to the stop, lift the front, and pull again.



### Removing the freezer shelves

To remove the shelf:

1. Lift right side of shelf off supports.
2. Slide shelf out of shelf support holes.
3. Replace in reverse order.



### Using the ice and water dispensers (on some models)

#### **! WARNING**



#### **Cut Hazard**

**Use a sturdy glass when dispensing ice or water.**

**Failure to do so can result in cuts.**

Ice dispenses from the ice maker storage bin in the freezer. When you press the dispenser bar, a trapdoor opens in a chute between the dispenser and the ice bin. Ice moves from the bin and falls through the chute. When you release the dispenser bar, a buzzing sound may be heard for a few seconds as the trapdoor closes. The dispenser system will not operate when the freezer door is open.

## USING YOUR REFRIGERATOR

### To dispense ice:

1. Press a **sturdy** glass against the ice dispenser bar. Hold glass close to dispenser opening so ice does not fall outside of glass.
2. Remove the glass to stop dispensing.

**NOTE:** The first few batches of ice may have an off-flavor from new plumbing and parts. Throw the ice away. Also, take large amounts of ice from the ice bin, not through the dispenser.

### Ice only



### Ice and water



### The water dispenser

Chilled water comes from a tank behind the meat drawer. It holds approximately 1½ quarts (1.5 L).

When the refrigerator is first hooked up, press the water dispenser bar with a sturdy glass or jar until you draw and discard 2 to 3 quarts (1.9 to 2.8 L). The water you draw and discard rinses the tank and pipes.

Allow several hours to chill a new tankful.

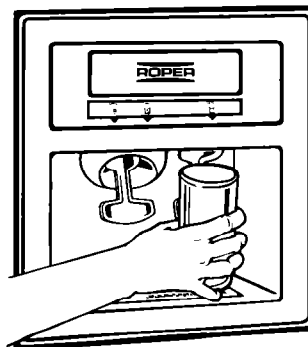
**NOTE:** The small tray beneath the dispenser is designed to evaporate **small** spills. There is no drain in this tray. **Do not** pour water into it.

### To dispense water:

1. Press a **sturdy** glass against the water dispenser bar.
2. Remove the glass to stop dispensing.

**NOTE:** Dispense enough water every week to maintain a fresh supply.

### Ice and water



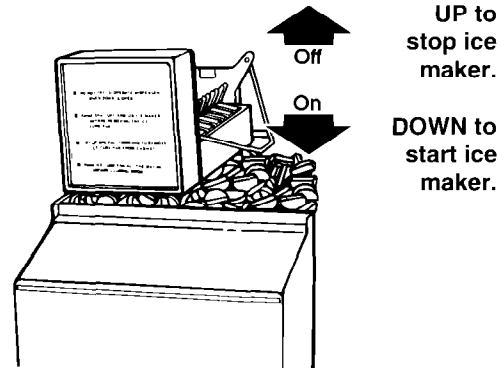
## Using the automatic ice maker (on some models)

Here are a few things you will want to know about your automatic ice maker:

- The ON/OFF lever is a wire signal arm.  
DOWN to make ice automatically.  
UP to shut off the ice maker.

**NOTE:** Do not turn ice maker on until it is connected to the water supply. **Instructions for ice maker water supply hook-up are attached to the back of the refrigerator cabinet.**

- It is normal for ice crescents to be attached by a corner. They break apart easily.
- The ice maker will not operate until the freezer is cold enough to make ice. This can take overnight.
- If ice is not being made fast enough and more ice is needed, turn the Refrigerator Control toward a higher number. Wait a day and, if necessary, turn the Freezer Control toward C.
- Good water quality is important for good ice quality. Try to avoid connecting the ice maker to a softened water supply. Water softener chemicals (such as salt from a malfunctioning softener) can damage the ice maker mold and lead to poor ice quality. If a softened water supply cannot be avoided, make sure the water softener is operating properly and is well maintained.



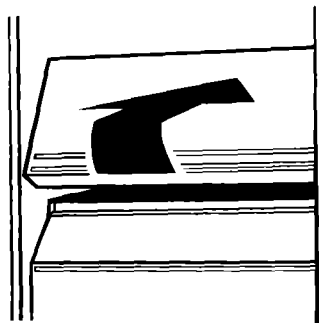
### Removing the ice maker storage bin (on some models)

Remove, empty, and clean the storage bin if:

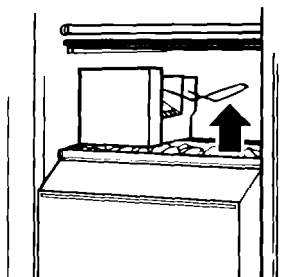
- the ice dispenser has not, or will not, be used for a week or more.
- a power failure causes ice in the bin to melt and freeze together.
- the ice dispenser is not used regularly.

#### To remove ice bin:

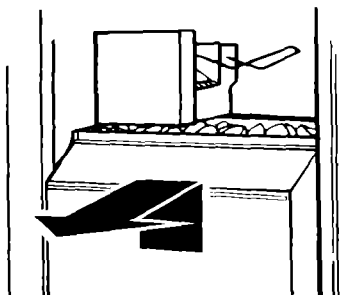
1. Pull the covering panel out from the bottom and slide it to the rear.



2. Lift the signal arm so it clicks into the OFF (up) position. Ice can still be dispensed, but no more can be made.



3. Lift the front of the storage bin and pull it out.
4. Empty the ice bin. Use hot or warm water to melt the ice if necessary. **Never use anything sharp** to break up ice in the bin. This can damage the bin and dispenser mechanism.
5. Wash with mild detergent. Rinse well. Do not use harsh or abrasive cleaners or solvents.
6. When replacing the bin, make sure it is pushed in all the way. Then push the signal arm down to the ON position to restart ice production.





## Solving common ice maker/dispenser problems

PROBLEM	CAUSE	SOLUTIONS
<b>Ice dispenser won't work</b>	<ul style="list-style-type: none"> <li>• Freezer door open</li> <li>• Ice bin not properly installed</li> <li>• Wrong ice in bin</li> <li>• Dispenser not used for extended periods, causing ice cubes to melt together</li> </ul>	<ul style="list-style-type: none"> <li>• Close the freezer door.</li> <li>• Make sure bin is pushed in all the way.</li> <li>• <b>Use only crescents from ice maker.</b> Shake the bin occasionally to keep cubes separated and to increase storage room.</li> <li>• Dump old ice and make a new supply.</li> </ul>
<b>Ice dispenser stops working</b>	<ul style="list-style-type: none"> <li>• Ice dispenser bar held in too long</li> </ul>	<ul style="list-style-type: none"> <li>• Wait about 3 minutes for the dispenser motor to reset.</li> <li>• Large amounts of ice should be taken from the bin, <b>not through the dispenser.</b></li> </ul>
<b>Off-taste or odor in ice</b>	<ul style="list-style-type: none"> <li>• Ice attracts airborne odors; old ice</li> <li>• Water quality</li> <li>• Foods not properly wrapped</li> <li>• Ice bin and freezer may need cleaning</li> <li>• Plumbing to ice maker</li> <li>• New ice maker</li> </ul>	<ul style="list-style-type: none"> <li>• Dump old ice and make a new supply. Store excess ice in covered container.</li> <li>• Water containing minerals (such as sulfur) may require a filter to remove.</li> <li>• Good water quality is important for good ice quality. Try to avoid connecting the ice maker to a softened water supply. Water softener chemicals (such as salt from a malfunctioning softener) can damage the ice maker mold and lead to poor ice quality. If a softened water supply cannot be avoided, make sure the water softener is operating properly and is well maintained.</li> <li>• Wrap properly. See page 29.</li> <li>• Clean freezer and ice bin. See cleaning chart on pages 24-25.</li> <li>• Follow Installation Instructions for proper ice maker water supply hook up. (See back of refrigerator cabinet.)</li> <li>• The first few loads of ice from a new ice maker may have an off-taste. Dump ice and make a new supply.</li> </ul>

### Attaching the ice maker to a water supply

Read all directions carefully before you begin.

#### ⚠ WARNING



##### Electrical Shock Hazard

Unplug the refrigerator before installing ice maker.

Failure to do so can result in death or electrical shock.

**NOTE:** Your appliance dealer has a kit available with a 1/4-inch saddle type shut-off valve, a union, and copper tubing. Before purchasing, make sure a saddle type valve complies with your local plumbing codes. Do not use piercing type or 3/16-inch saddle valve which reduces water flow and clogs more easily.

#### Cold water supply

The ice maker water valve contains a flow washer which is used as a water pressure regulator. The ice maker needs to be connected to a cold water line with water pressure limitations of 20-120 psi. If a problem occurs, call your utility company.

#### IMPORTANT:

- Use copper tubing only and check for leaks.
- Install ice maker tubing in areas where temperatures are above freezing.

#### Tools required:

- Standard screwdriver
- 7/16-inch and 1/2-inch open-end wrenches or two adjustable wrenches
- 1/4-inch nut driver
- 1/4-inch drill bit
- Hand drill or electric drill (properly grounded)

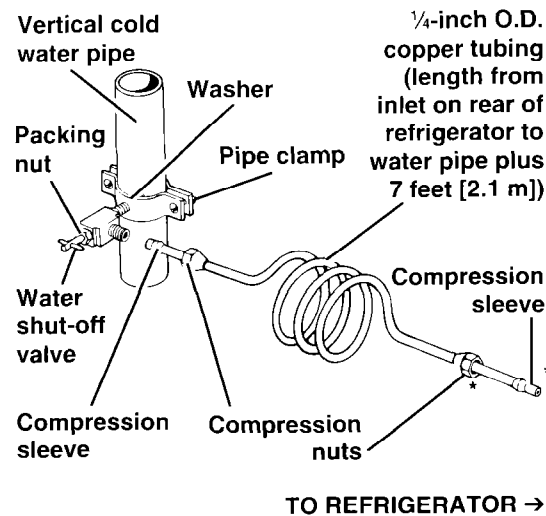
#### IMPORTANT:

- It may take up to 24 hours for your ice maker to begin producing ice.
- If operating the refrigerator before installing the water connection, turn ice maker to the OFF position to prevent operation without water.
- All installations must be in accordance with local plumbing code requirements.

**INSTALLATION IS NOT  
WARRANTED BY REFRIGERATOR  
OR ICE MAKER MANUFACTURER.**

## Connecting to water line

1. Find a 1/2-inch to 1 1/4-inch vertical COLD water pipe near the refrigerator.  
**NOTE:** Horizontal pipe will work, but the following precaution must be taken: Drill on the top side of the pipe, not the bottom. This will help keep water away from the drill. This also keeps normal sediment from collecting in the valve.
2. Measure from connection on rear of refrigerator to water pipe. Add 7 feet (2.1 m) to allow for moving refrigerator for cleaning. This is the length of 1/4-inch O.D. copper tubing you will need for the job (length from connection to water pipe PLUS 7 feet [2.1 m]). Be sure both ends of copper tubing are cut square.
3. Turn OFF main water supply. Turn ON nearest faucet long enough to clear line of water.
4. Using a grounded drill, drill a 1/4-inch hole on the cold water pipe you have selected.
5. Fasten shut-off valve to cold water pipe with pipe clamp. Be sure outlet end is solidly in the 1/4-inch drilled hole in the water pipe and that washer is under the pipe clamp. Tighten packing nut. Tighten the pipe clamp screws carefully and evenly so washer makes a watertight seal. Do not overtighten or you may crush the copper tubing, especially if soft (coiled) copper tubing is used. Now you are ready to connect the copper tubing.
6. Slip compression sleeve and compression nut on copper tubing as shown in diagram. Insert end of tubing into outlet end squarely as far as it will go. Screw compression nut onto outlet end with adjustable wrench. Do not overtighten. Turn ON main water supply and flush out tubing until water is clear. Turn OFF shut-off valve on the water pipe. Coil copper tubing.



\* Some models may not feature the second compression nut and sleeve.

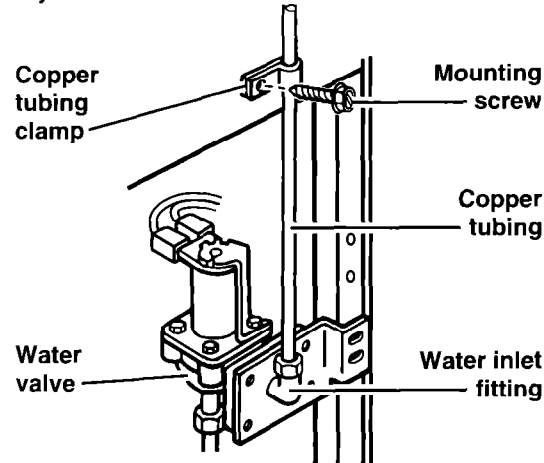
## USING YOUR REFRIGERATOR

### Connecting to refrigerator

**NOTE:** The first step for connecting the water line to your refrigerator is different depending on the type of water valve provided with your refrigerator. See the diagrams at right to determine the style of valve you have. (On kit models, assemble water valve to refrigerator per kit instructions.)

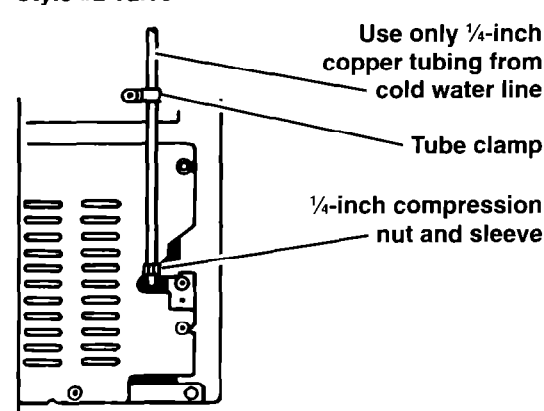
1. For **style #1**, disconnect the tube clamp on the back of the product and insert the copper tubing through the clamp, as shown at the right. Remove the tape label from the valve inlet and insert copper tubing until it bottoms out (approximately  $\frac{3}{4}$  inch). Tighten nut by hand as much as possible; then turn the nut an additional  $\frac{1}{2}$  turn using a wrench. Do not overtighten. Reattach the tube clamp and tube to the back of the cabinet. Skip to step 2.

Style #1 valve



For **style #2**, disconnect the tube clamp on the back of the product and insert copper tubing through the clamp as shown at the right. Attach the copper tube to the valve inlet using a compression nut and sleeve as shown. Tighten the compression nut. Do not overtighten. Reattach the tube clamp and tube to the back of the cabinet. Move to step 2.

Style #2 valve



2. Turn shut-off valve **ON**. **CHECK FOR LEAKS. TIGHTEN ANY CONNECTIONS (INCLUDING CONNECTIONS AT THE VALVE) OR NUTS THAT LEAK.**
3. The ice maker is equipped with a built-in water strainer. If local water conditions require periodic cleaning or a well is your source of water supply, a second water strainer should be installed in the  $\frac{1}{4}$ -inch water line. Obtain a water strainer from your nearest appliance dealer. Install at either tube connection.
4. Reconnect electrical supply to refrigerator.

## Removing the base grille

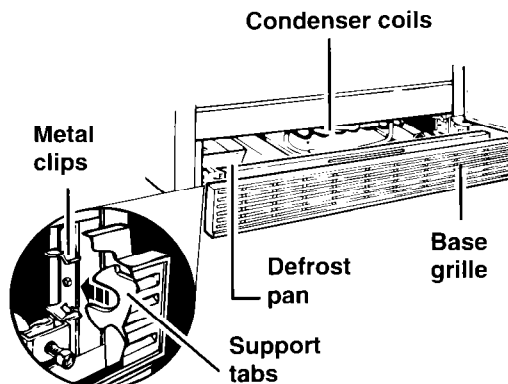
**To remove the grille:**

1. Open both doors.
2. Pull base grille forward to release the support tabs from the metal clips.
3. **Do not remove Tech Sheet** fastened behind the grille.

**To replace the grille:**

1. Line up grille support tabs with metal clips.
2. Push firmly to snap into place.
3. Close the doors.

See cleaning instructions for defrost pan and condenser coils on page 25.



## Changing the light bulbs

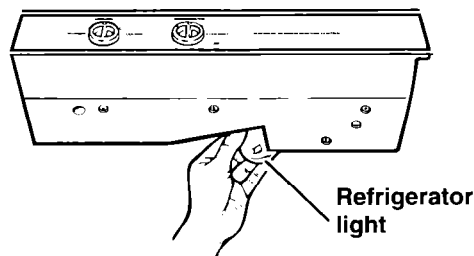
### ⚠ WARNING



**Electrical Shock Hazard**  
**Unplug the refrigerator before removing light bulb.**  
**Failure to do so can result in death or electrical shock.**

**To change refrigerator light:**

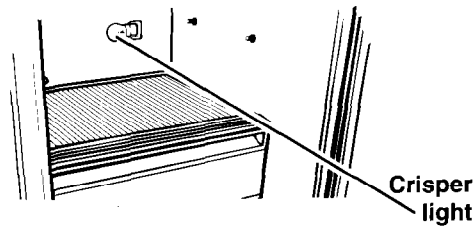
1. Unplug the refrigerator.
2. Reach behind the Control Console to remove bulb.
3. Replace bulb with a 40-watt appliance bulb.
4. Plug in the refrigerator.



## USING YOUR REFRIGERATOR

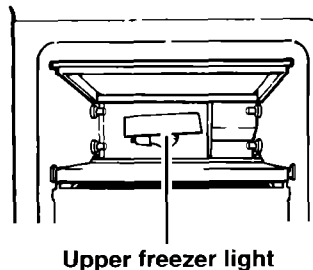
### To change crisper light (on some models):

1. Unplug the refrigerator.
2. Pull top of light shield forward until it snaps free.
3. Lower light shield to clear bottom supports.
4. Pull light shield straight out to remove.
5. Replace bulb with a 40-watt appliance bulb.
6. Replace light shield in reverse order.
7. Plug in the refrigerator.



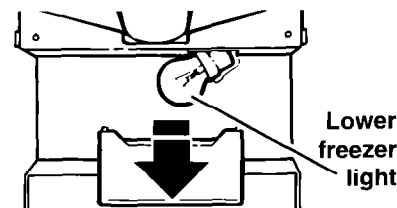
### To change the upper freezer light (on some models):

1. Unplug the refrigerator.
2. Lift top of light shield up and pull shield out.
3. Replace bulb with a 40-watt appliance bulb.
4. Place light shield over bulb and snap shield into place.
5. Plug in the refrigerator.



### To change lower freezer light:

1. Unplug the refrigerator.
2. Push in sides of light shield until it snaps free.
3. Replace bulb with a 40-watt appliance bulb.
4. Replace light shield.
5. Plug in the refrigerator.



**NOTE:** Not all commercial appliance bulbs will fit your refrigerator. Be sure to replace a bulb with one of the same size and shape.

---

### Understanding the sounds you may hear

Your new refrigerator may make sounds that your old one didn't. Because the sounds are new to you, you might be concerned about them. Don't be. Most of the new sounds are normal. Hard surfaces like the floor, walls, and cabinets can make the sounds seem louder.

The following describes the kinds of sounds that might be new to you, and what may be making them.

#### **Slight hum, soft hiss**

You may hear the refrigerator's fan motor and moving air.

#### **Clicking or snapping sounds**

The thermostat makes a definite click when the refrigerator stops running. It also makes a sound when the refrigerator starts. The defrost timer will click when the defrost cycle starts.

#### **Water sounds**

When the refrigerator stops running, you may hear gurgling in the tubing for a few minutes after it stops. You may also hear defrost water running into the defrost water pan.

#### **Ice maker sounds**

- trickling water
- thud (clatter of ice)

You may hear buzzing (from the water valve), trickling water, and the clatter of ice dumped into the bin.

#### **Running sounds**

Your refrigerator has a high-efficiency compressor and motor. It will run longer than older designs. It may even seem to run most of the time.

---

### Saving energy

You can help your refrigerator use less electricity.

- Check door gaskets for a tight seal. Level the cabinet to be sure of a good seal.
- Clean the condenser coils regularly.
- Open the door as few times as possible. Think about what you need before you open the door. Get everything out at one time. Keep food organized so you won't have to search for what you want. Close door as soon as food is removed.

- Go ahead and fill up the refrigerator, but don't overcrowd it so air movement is blocked.
- It is a waste of electricity to set the refrigerator and freezer to temperatures colder than they need to be. If ice cream is firm in the freezer and drinks are as cold as your family likes them, that's cold enough.
- Make sure your refrigerator is not next to a heat source such as a range, water heater, furnace, radiator, or in direct sunlight.

# Caring for Your Refrigerator

Your refrigerator is built to give you many years of dependable service. However, there are a few things you can do to help extend its product life. This section tells you how to clean your refrigerator and what to do when going on vacation, moving, or during a power outage.

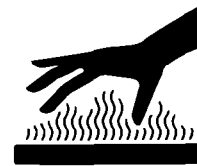
## Cleaning your refrigerator

Both the refrigerator and freezer sections defrost automatically. However, clean both about once a month to prevent odors from building up. Wipe up spills right away.



To clean your refrigerator, turn the Refrigerator Control to OFF, unplug it, take out all removable parts, and clean the refrigerator according to the following directions.

### ! WARNING



#### Burn Hazard

**Refrigeration system tubes are located near the defrost pan and can become hot.**

**Remove and install defrost pan carefully.**

**Failure to do so can result in burns.**

PART	WHAT TO USE	HOW TO CLEAN
<b>Removable parts</b> (shelves, crisper, etc.)	Sponge or cloth with mild detergent and warm water	<ul style="list-style-type: none"><li>• Hand wash, rinse, and dry thoroughly.</li></ul>
<b>Outside</b>	Sponge, cloth, or paper towel with mild detergent, warm water, and an appliance wax (or good auto paste wax)	<ul style="list-style-type: none"><li>• Wash outside of cabinet. Do not use abrasive or harsh cleaners.</li><li>• Wipe and dry thoroughly.</li><li>• Wax painted metal surfaces at least twice a year. Apply wax with a clean, soft cloth. <b>Waxing painted metal surfaces provides rust protection. Do not wax plastic parts.</b></li></ul>
<b>Inside walls</b> (allow freezer to warm up so cloth won't stick)	Sponge, soft cloth, or paper towel with baking soda or mild detergent and warm water	<ul style="list-style-type: none"><li>• Wash with mixture of warm water and:<ul style="list-style-type: none"><li>– mild detergent, or</li><li>– baking soda (2 tablespoons [26 g] to 1 quart [.95 L] of water).</li></ul></li><li>• Wipe and dry thoroughly.</li></ul>



## CARING FOR YOUR REFRIGERATOR

PART	WHAT TO USE	HOW TO CLEAN
<b>Door liners and gaskets</b>	Sponge, soft cloth, or paper towel with mild detergent and warm water	<ul style="list-style-type: none"> <li>• Wash, wipe, and dry thoroughly.</li> </ul> <b>DO NOT USE cleaning waxes, concentrated detergents, bleaches, or cleaners containing petroleum on plastic parts.</b>
<b>Plastic parts</b> (covers and panels)	Soft, clean sponge or soft, clean cloth with mild detergent and warm water	<ul style="list-style-type: none"> <li>• Wash, wipe, and dry thoroughly.</li> </ul> <b>DO NOT USE paper towels, window sprays, scouring cleansers, or flammable fluids. These can scratch or damage material. See "Important Safety Instructions" on page 3.</b>
<b>Defrost pan</b>	Sponge or cloth with mild detergent and warm water	<ul style="list-style-type: none"> <li>• Remove base grille. (See page 21.)</li> <li>• To remove defrost pan, lift pan over wire brace (remove tape; if any).</li> <li>• Wash, rinse, and dry thoroughly.</li> <li>• Replace with notched corner to the rear. Push it in all the way.</li> <li>• Make sure defrost pan drain tube is pointing into pan.</li> <li>• Replace base grille.</li> </ul>
<b>Condenser coils</b>	Vacuum cleaner with extended narrow attachment	<ul style="list-style-type: none"> <li>• Remove base grille.</li> <li>• Vacuum coils when dusty or dirty. Coils may need to be cleaned as often as every other month.</li> <li>• Replace base grille.</li> </ul>

### Vacation and moving care

#### Short vacations

No need to shut off the refrigerator if you will be away for less than four weeks.

1. Use up any perishables.
2. Freeze other items.
3. If you have an automatic ice maker:
  - Raise signal arm to OFF (up) position.
  - Shut off water supply to icemaker.
  - Empty the ice bin.

#### Long vacations

If you will be gone a month or more:

1. Remove all food from the refrigerator.
2. If you have an automatic ice maker:
  - Turn off the water supply to the ice maker at least one day ahead of time.
  - When the last load of ice drops, turn off the ice maker. Make sure all ice has dispensed out of the ice maker mechanism.
3. Unplug the refrigerator.
4. Clean it, rinse well, and dry.
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.

To restart refrigerator, see "Using Your Refrigerator" on page 8.

#### Moving

When you are moving the refrigerator to a new home:

1. If you have an automatic ice maker:
  - Turn off the water supply to the ice maker at least one day ahead of time.
  - Disconnect the water line.
  - After the last load of ice drops, lift the signal arm to the OFF (up) position.
2. Remove all food from the refrigerator.
3. Pack all frozen food in dry ice.
4. Unplug the refrigerator.
5. Clean it thoroughly. Rinse well and dry.
6. Take out all removable parts, wrap them well, and tape them together so they don't shift and rattle.
7. Screw in the leveling rollers.
8. Tape the doors shut and tape the power supply cord to the cabinet.

When you get to your new home, put everything back and refer to page 6. Also, remember to reconnect the water supply line.

### Power interruptions

If electricity goes off, call the power company. Ask how long power will be off.

1. If service will be interrupted 24 hours or less, **keep both doors closed**. This helps food stay frozen.
2. If service will be interrupted longer than 24 hours:
  - (a) Remove all frozen food and store in a frozen food locker.

**OR**

- (b) Place 2 lbs. (0.9 kg) of dry ice in freezer for every cubic foot of freezer space. This will keep food frozen for two to four days. Wear gloves to protect your hands from dry ice burns.

**OR**

- (c) If neither a food locker nor dry ice is available, use or can perishable food at once.

3. A full freezer stays cold longer than a partly filled one. A freezer full of meat stays cold longer than a freezer full of baked goods. If 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.

### Questions?

Call our toll-free telephone number,  
**1-800-44-ROPER.**

# Food Storage Guide

There is a correct way to package and store refrigerated or frozen food. To keep food fresher, longer, take the time to study these recommended steps.

## Storing fresh food

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

### Leafy vegetables

Remove store wrapping and trim or tear off bruised and discolored areas. Wash in cold water and drain. Place in plastic bag or plastic container and store in crisper.

### Vegetables with skins (carrots, peppers)

Store in crisper, plastic bags, or plastic container.

### Fruit

Wash, let dry, and store in refrigerator in plastic bags or crisper. Do not wash or hull berries until they are ready to use. Sort and keep berries in their original container in a crisper, or store in a loosely closed paper bag on a refrigerator shelf.

### Eggs

Store without washing in egg bin provided (on some models), or in the original carton on an interior shelf.

### Milk

Wipe milk cartons. For best storage, place milk on interior shelf.

### Butter or margarine

Keep opened butter in 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.

### Leftovers

Cover leftovers with plastic wrap or aluminum foil. Plastic containers with tight lids can also be used.

### Meat

Store most meat in original wrapping as long as it is airtight and moisture-proof. Rewrap if necessary. See the following chart for storage times.

TYPE	APPROXIMATE TIME (DAYS)*
Chicken	1 to 2
Ground beef	1 to 2
Steaks and roasts	3 to 5
Cured meats	7 to 10
Bacon	5 to 7
Cold cuts	3 to 5
Variety meats	1 to 2

\* If storing meat longer than the times given, follow the directions for freezing.

**NOTE:** Use fresh fish and shellfish the same day as purchased.

## Storing frozen food

The freezer section is designed for storage of commercially frozen food and for freezing food at home.

**NOTE:** For further information about preparing food for freezing or food storage times, contact your local Cooperative Extension Service or check a freezer guide or reliable cookbook.

### Packaging

The secret to successful freezing is in the packaging. The way you close and seal the package must not allow air or moisture in or out. Packaging done in any other way could cause food odor and taste transfer throughout the refrigerator and drying of frozen food.

#### Packaging recommended for use:

- Rigid plastic containers with tight-fitting lids
- Straight-sided canning/freezing jars
- Heavy-duty aluminum foil
- Plastic-coated paper
- Non-permeable plastic wraps (made from a saran film)

Follow package or container instructions for proper freezing methods.

#### Do not use:

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

The use of these wrappings could cause food odor, taste transfer, and drying of frozen food.

### Freezing

Do not expect your freezer to quick-freeze any large quantity of food. Put no more unfrozen food into the freezer than will freeze within 24 hours (no more than 2 to 3 pounds of food per cubic foot of freezer space). Leave enough space 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 of the food, the type of packaging or wrap used (airtight and moisture-proof), and the storage temperature, which should be 0°F (-17.8°C).

# Troubleshooting

Performance problems often result from little things you can fix without tools. Please read the chart below before calling for service on your appliance.

## Before calling for assistance ...

Listed in this chart are the most common problems consumers run into with their appliances. Please read through this and see if it can solve your problem.

PROBLEM	CHECK THE FOLLOWING
<b>Your refrigerator will not operate</b>	Is the power supply cord firmly plugged into a live circuit with proper voltage? Has a household fuse or circuit breaker blown/tripped? Is the Refrigerator Control set to the OFF position?
<b>The lights do not work</b>	Is the power supply cord firmly plugged into a live circuit with proper voltage? Has a household fuse or circuit breaker blown/tripped? Is a bulb burned out?
<b>The ice maker does not work (on some models)</b>	Is the freezer cold enough to make ice? It could take overnight for the freezer to reach the proper temperature. Is the ON/OFF lever in the ON (down) position? (See page 15.) Is the water valve turned on? Does the water line have a clog or leak?
<b>You hear unfamiliar sounds or a rattling/jingling noise</b>	Is something on top of or behind the refrigerator? Some new sounds are normal. See "Understanding the sounds you may hear" on page 23.
<b>There is water in the defrost pan</b>	This is normal on hot, muggy days. Make sure the refrigerator is level so the pan does not overflow.
<b>The motor seems to run too much</b>	Are the condenser coils dirty? Has the door been opened often? Has a large amount of food been added at one time? The motor naturally runs longer if these things happen. Is the room hot? If the room is too warm, the motor runs longer to keep the unit cool.

# Requesting Assistance or Service

Before calling for assistance or service, please check "Troubleshooting" on page 30. It may save you the cost of a service call. If you still need help, follow the instructions below.

## 1. If you need assistance\* ...

Call our toll-free telephone number. Dial  
**free from anywhere in the U.S.A.:**



**1-800-44-ROPER  
(1-800-447-6737)**

and talk with one of our trained consultants. The consultant can instruct you in how to obtain satisfactory operation from your appliance or, if service is necessary, recommend a qualified service company in your area.

If you prefer, write to:

Mr. William Clark  
Consumer Assistance Representative  
Whirlpool Corporation  
2000 North M-63  
Benton Harbor, MI 49022-2692

Please include a daytime phone number in your correspondence.

## 2. If you need service\* ...

Contact the dealer from whom you purchased the appliance or the authorized servicer in your area. For help finding an authorized servicer in your area, call our toll-free number in Step 1.



## 3. If you need FSP® replacement parts ...

FSP is a registered trademark of Whirlpool Corporation for quality parts. Look for this symbol of quality whenever you need a replacement part for your ROPER® appliance. FSP replacement parts will fit right and work right, because they are made to the same exacting specifications used to build every new ROPER appliance.

To locate FSP replacement parts in your area, refer to Step 2 or call our toll-free telephone number in Step 1.

## 4. If you are not satisfied with how the problem was solved ...

- Contact the Major Appliance Consumer Action Program (MACAP). MACAP is a group of independent consumer experts that voices consumer views at the highest levels of the major appliance industry.
- Contact MACAP only when the dealer, authorized servicer, and Whirlpool have failed to resolve your problem.

Major Appliance Consumer Action Program  
20 North Wacker Drive  
Chicago, IL 60606

- MACAP will in turn inform us of your action.

### \* When asking for help or service:

Please provide a detailed description of the problem, your appliance's complete model and serial numbers, and the purchase date. (See page 2.) This information will help us respond properly to your request.

# Index

This index is alphabetical. Look for the word or phrase you are interested in, then look for the page number.

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## NOTES

**NOTES**



# ROPER® Refrigerator Warranty

LENGTH OF WARRANTY	WE WILL PAY FOR
<b>FULL ONE-YEAR WARRANTY</b> (from date of purchase)	FSP® replacement parts and repair labor to correct defects in materials or workmanship. Service must be provided by an authorized Roper service company.
<b>FULL FIVE-YEAR WARRANTY</b> (from date of purchase)	FSP replacement parts and repair labor for the sealed refrigeration system (compressor, evaporator, condenser, drier, or connecting tubing) which we find to be defective in materials or workmanship. Service must be provided by an authorized Roper service company.
<b>WE WILL NOT PAY FOR</b>	
<p><b>A.</b> Service calls to:</p> <ol style="list-style-type: none"> <li>1. Correct the installation of your refrigerator.</li> <li>2. Instruct you how to use your refrigerator.</li> <li>3. Replace house fuses or correct house wiring or plumbing.</li> <li>4. Replace owner accessible light bulbs.</li> </ol> <p><b>B.</b> Repairs when your refrigerator is used in other than normal, single-family household use.</p> <p><b>C.</b> Pickup and delivery. Your refrigerator is designed to be repaired in the home.</p> <p><b>D.</b> Damage to your refrigerator caused by accident, misuse, fire, flood, acts of God, or use of products not approved by us.</p> <p><b>E.</b> Repairs to parts or systems caused by unauthorized modifications made to the appliance.</p>	

11/94

This Roper appliance is warranted by Whirlpool Corporation. Under no circumstances shall it be liable under this warranty for incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion or limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

**Outside the United States, a different warranty may also apply. For details, please contact your authorized Roper dealer.**

If you need service, first see the "Troubleshooting" section of this book. After checking "Troubleshooting," additional help can be found by checking the "Requesting Assistance or Service" section, or by calling our toll-free telephone number, **1-800-44-ROPER (1-800-447-6737)**, from anywhere in the U.S.A.