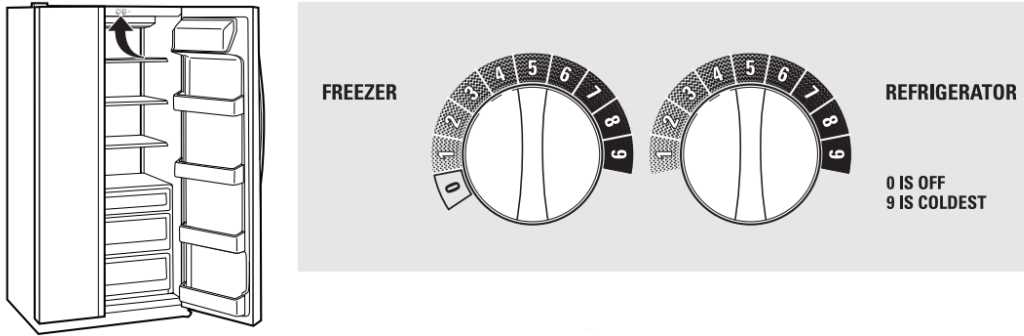


## Operating Instructions

### About the controls on the refrigerator.

Your controls will look like one of the following:



### Startup Steps for Proper Temperature Control

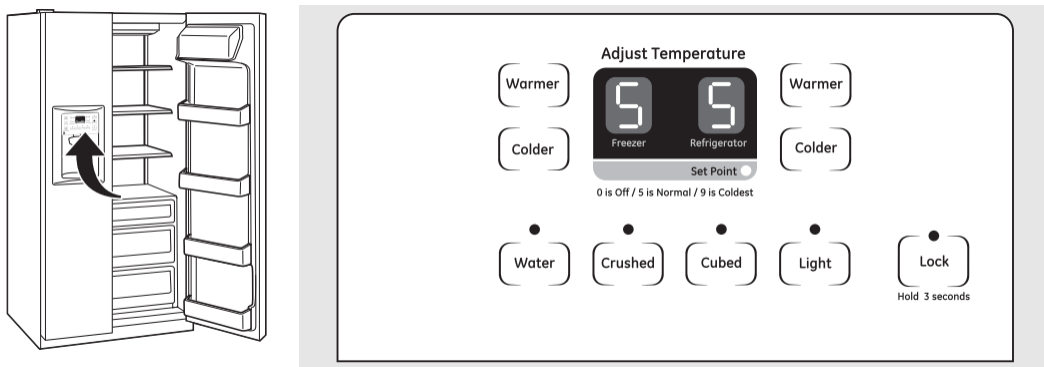
STEP 1—Set Fresh Food Control on “5.”

STEP 2—Set Freezer Control on “5.”

STEP 3—WAIT 12 HOURS for temperature to stabilize.

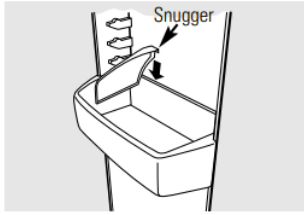
STEP 4—If a change is needed, move the control one number at a time and allow 12 hours for temperature to stabilize.

**Control settings will vary based on personal preferences, usage and operating conditions and may require more than one adjustment.**



### About the refrigerator shelves and bins.

*Not all features are on all models.*



### Bins on the Refrigerator Compartment Door

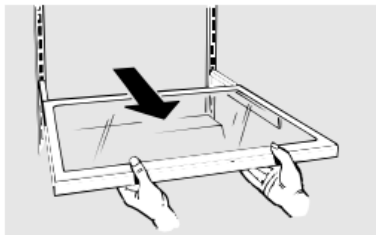
Adjustable bins can easily be carried from refrigerator to work area.

**To remove:** Lift the front of the bin up, then pull out.

**To replace or relocate:** Engage the bin in the molded supports of the door, and push in. Bin will lock in place.

**The snagger** helps prevent tipping, spilling or sliding of small items stored on the door shelf. Place a finger on either side of the divider near the rear and move it back and forth to fit your needs.

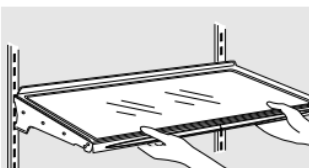
### Slide-Out Spillproof Shelf (on some models)



The slide-out spillproof shelf allows you to reach items stored behind others. The special edges are designed to help prevent spills from dripping to lower shelves.

*Make sure you push the shelves all the way back in before you close the door*

### Spillproof Shelves (on some models)



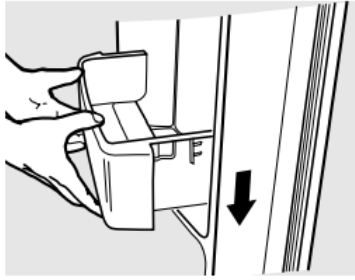
Spillproof shelves have special edges to help prevent spills from dripping to lower shelves.

### Quick Space Shelf (on some models)



This shelf splits in half and slides under itself for storage of tall items on the shelf below.

### Deep Door Shelves



Detachable shelf extenders deepen and enclose fixed door shelves, providing more storage room and greater storage flexibility.

**To remove:** Lift the shelf extender straight up then pull out.

**To replace:** Engage the shelf extender in the molded supports on the door and push in. It will lock in place

## About the additional features.

*Not all features are on all models.*

### ShelfSaver™ Rack



Use this rack to store beverage cans for easy access.

It can also hold a 22 cm x 33 cm baking dish.


## Loading the Freezer Compartment

Load so that at least 15 mm of space remains clear between stacks of packages and 15 mm to 25 mm of space between the top of any stack and any shelf or basket above it. Packages may hang over the front of shelves but must remain 15 mm from doors.



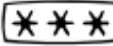

- Food to be frozen must not be placed in direct contact with food in storage. If food is to be frozen every day, it may be necessary to reduce the quantity to be frozen.
- If a quantity of food needs to be frozen, set the freezer control to its coldest setting. After the food is frozen, reset the freezer control to its initial position.
- Food is most quickly frozen on the middle three shelves of the freezer compartment and most slowly in the freezer door shelves.
- Do not store commercially quick-frozen food longer than the time recommended by the food manufacturers.
- If the power to the appliance is shut off for an extended time or if the refrigerating system fails, do not open the doors unless absolutely necessary. When it is necessary, close them as quickly as possible so the frozen food will stay frozen as long as possible.
- The freezer door storage shelves marked with a two-star label are only appropriate for the storage of previously frozen food.

***Effervescent drinks should not be stored in the freezer compartment.***

**Freezer Performance**

This Refrigerator/Freezer has an overall “Four Star”  rating.


Freezer performance is classified by star ratings defined by ISO 8561 STANDARD AND SUMMARY BELOW:

CODE	FREEZING-LOAD TEMP. (FOOD TEMPERATURE)
	Below -6°C.
	Below -12°C.
 or 	Below -18°C.

**Load Limiting Line:** 

On models 20 and 22, frozen food packages should not be loaded above the load limiting line located at the back of the freezer compartment.

However, these limited areas have a two star rating as permitted by the standard:

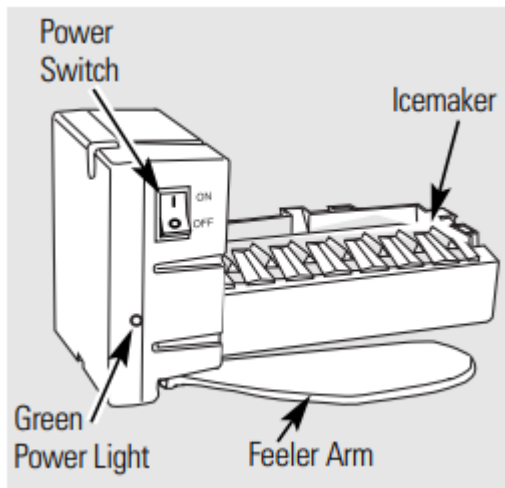
Models	Location of  Freezer Shelves
20, 22	Without icemaker: All freezer door shelves.
20,22	With icemaker: All freezer door shelves and the shelf above the ice bucket.
25	With icemaker: All freezer door shelves.

**About the automatic icemaker.**

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

**Automatic Icemaker (on some models)**





The icemaker will produce seven 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 use conditions.

If the refrigerator is operated before the water connection is made to the icemaker, set the power switch in the **O** position.

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

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

You will hear a buzzing sound each time the icemaker fills with water.

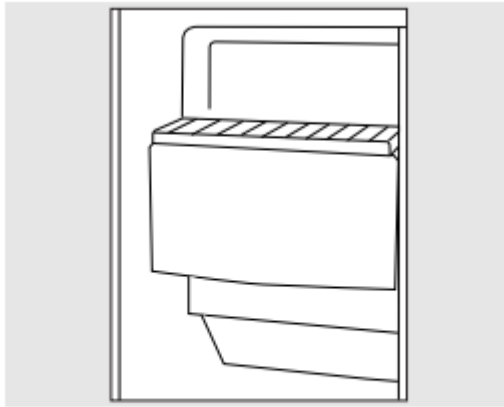
Throw away the first few batches of ice to allow the water line to clear.

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.

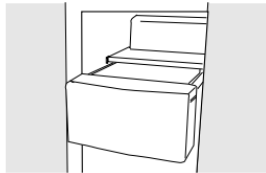
It is normal for several cubes to be joined together.

If ice is not used frequently, old ice cubes will become cloudy, taste stale and shrink. If the ice cubes become stuck in the icemaker, turn off the icemaker, remove the cubes and turn the icemaker back on.



*There is an upper freezer shelf above the icemaker that can be used for storage.*

### Ice Storage Drawer



**To access ice**, pull the drawer out.

**To remove the drawer**, pull it straight out and lift it past the stop location

### Icemaker Accessory Kit

If your refrigerator did not come already equipped with an automatic icemaker, an icemaker accessory kit is available at extra cost.

Check the back of the refrigerator for the specific icemaker kit needed for your model.

### About the ice and water dispenser.

*On some models*

### To Use the Dispenser



Select **CUBED ICE**  , **CRUSHED ICE**  or **WATER**  .

Press the glass gently against the top of the dispenser cradle.

The spill shelf is not self-draining. To reduce water spotting, the shelf and its grille should be cleaned regularly.

*If no water is dispensed when the refrigerator is first installed, there may be air in the water line system. Press the dispenser arm for at least two minutes to remove trapped air from the water line and to fill the water system. To flush out impurities in the water line, throw away the first six glassfuls of water.*

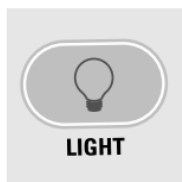
**CAUTION:** Never put fingers or any other objects into the ice crusher discharge opening

### Locking the Dispenser (on some models)



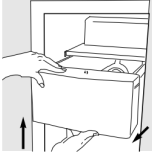
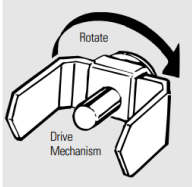
Press the **LOCK CONTROL** pad for 3 seconds to lock the dispenser and control panel. To unlock, press and hold the pad again for 3 seconds.

### Dispenser Light



This pad turns the **night light** in the dispenser on and off. The light also comes on when the dispenser cradle is pressed. If this light burns out, it should be replaced with a 6 watt maximum, 12 volt DC bulb.

### Ice Storage Drawer on Dispenser Models

	<p><b>To remove:</b> Set the icemaker power switch to the <b>O</b> position. Pull the drawer straight out and then lift past the <b>stop</b> position.</p> <p><b>To replace:</b> When replacing the drawer, make sure to push it firmly into place. If it does not go all the way back, remove it and rotate the drive mechanism 1/4 turn. Then push the drawer back again.</p>	
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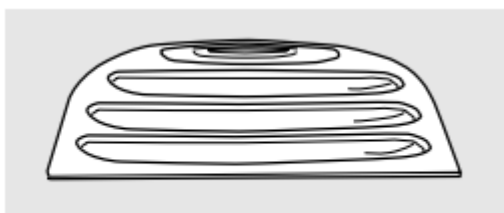
### Important Facts About Your Dispenser

- Do not add ice from trays or bags to the storage bin. It may not crush or dispense well.
- Avoid overfilling glass with ice and use of narrow glasses. Backed-up ice can jam the chute or cause the door in the chute to freeze shut. If ice is blocking the chute, poke it through with a wooden spoon.
- Beverages and foods should not be quickchilled in the ice storage bin. Cans, bottles or food packages in the storage bin may cause the icemaker or auger to jam.
- Some crushed ice may be dispensed even though you selected **CUBED ICE**. This happens occasionally when a few cubes have been left in the crusher.
- After crushed ice is dispensed, some water may drip from the chute.
- Sometimes a small mound of snow will form on the door in the ice chute. This condition is normal and usually occurs when you have dispensed crushed ice repeatedly. The snow will eventually evaporate.

**CAUTION:** Some products such as water ices should not be consumed too cold.

## Care and cleaning

### Cleaning the Outside



*Dispenser drip area.*

**The dispenser drip area**, (on some models) beneath the grille, should be wiped dry. Water left in this area may leave deposits. Remove the deposits by adding undiluted vinegar to the well. Soak until the deposits disappear or become loose enough to rinse away.

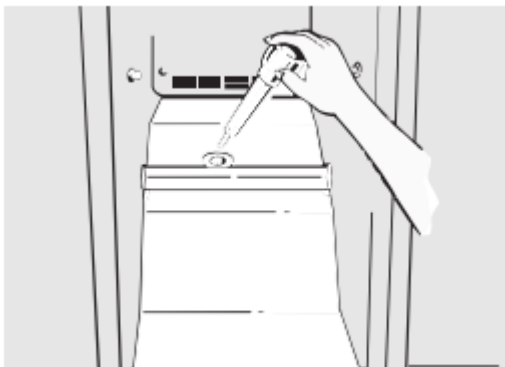
**The dispenser cradle** (on some models). Before cleaning, lock the dispenser by pressing and holding the LOCK CONTROL pad for 3 seconds. Clean with warm water and baking soda solution—about a tablespoon (15 ml) of baking soda to a quart (1 liter) of water. Rinse thoroughly and wipe dry.

**The door handles and trim.** Clean with a cloth dampened with soapy water. Dry with a soft cloth.

**Keep the outside clean.** Wipe with a clean cloth lightly dampened with kitchen appliance wax or mild liquid dish detergent. Dry and polish with a clean, soft cloth.

*Do not wipe the refrigerator with a soiled dish cloth or wet towel. These may leave a residue that can erode the paint. Do not use scouring pads, powdered cleaners, bleach or cleaners containing bleach because these products can scratch and weaken the paint finish.*

## Cleaning the Inside



**To help prevent odors**, leave an open box of baking soda in the refrigerator and freezer compartments.

**Unplug the refrigerator before cleaning.** If this is not practical, wring excess moisture out of sponge or cloth when cleaning around switches, lights or controls.

Use warm water and baking soda solution— about a tablespoon (15 ml) of baking soda to a quart (1 liter) of water. This both cleans and neutralizes odors. Rinse and wipe dry.

After cleaning the door gaskets, apply a thin layer of petroleum jelly to the door gaskets at the hinge side. This helps keep the gaskets from sticking and bending out of shape.

**Drain opening in freezer compartment.** During yearly cleaning, remove bottom freezer basket and flush a solution of baking soda— 1 teaspoon (5 ml) and 2 cups (500 ml) of hot (not boiling) water— through the drain line with the help of a meat baster. This will help

eliminate odor and reduce the likelihood of a clogged drain line. If drain becomes clogged, use a meat baster and baking soda solution to force the clog through the drain line.

*Avoid cleaning cold glass shelves with hot water because the extreme temperature difference may cause them to break. Handle glass shelves carefully. Bumping tempered glass can cause it to shatter.*

*Do not wash any plastic refrigerator parts in the dishwasher.*

## **Behind the Refrigerator**

Be careful when moving the refrigerator away from the wall. All types of floor coverings can be damaged, particularly cushioned coverings and those with embossed surfaces.

Pull the refrigerator straight out and return it to position by pushing it straight in.

Moving the refrigerator in a side direction may result in damage to the floor covering or refrigerator.

*When pushing the refrigerator back, make sure you don't roll over the power cord or icemaker supply line (on some models)*

## **Preparing for Vacation**

For long vacations or absences, remove food and unplug the refrigerator. Move the freezer control to the **0** position, and clean the interior with a baking soda solution of one tablespoon (15 ml) of baking soda to one quart (1 liter) of water. Leave the doors open.

Set the icemaker power switch to the **0** position and shut off the water supply to the refrigerator.

If the temperature can drop below freezing, have a qualified servicer drain the water supply system (on some models) to prevent serious property damage due to flooding.

## **Preparing to Move**

Secure all loose items such as grille, shelves and drawers by taping them securely in place to prevent damage.

*Be sure the refrigerator stays in an upright position during moving.*

## **Replacing the light bulbs.**

Turning the control to the **0** position does not remove power to the light circuit.

### **Refrigerator Compartment—Upper Light**

*This bulb is located behind the controls.*

1. Unplug the refrigerator.

2. On models with pad controls—The bulb is located near the upper-left rear corner of the compartment, behind the light shield. Remove the light shield by sliding it forward and out of the compartment. On models with knob controls—To remove the light shield, push it up and back.
3. Replace the bulb with an appliance bulb of the same or lower wattage.
4. On models with pad controls—Replace the light shield by holding it against the left wall and sliding up and toward the rear wall until it snaps in place. On models with knob controls—To replace the light shield, position the plastic hooks on the light shield so they fit into the holes on the back of the control area.
5. Plug the refrigerator back in.

### **Refrigerator Compartment—Lower Light** (on some models)

*This light is located above the top drawer*

1. Unplug the refrigerator.
2. Grasp the lip at the bottom of the light shield and pull it up and forward.
3. After replacing with an appliance bulb of the same or lower wattage, replace the shield.
4. Plug the refrigerator back in.

### **Freezer Compartment**

1. Unplug the refrigerator.
2. Remove the shelf just below the light shield. (The shelf will be easier to remove if it is emptied first.)
3. Lift up on the light shield to remove.
4. After replacing with an appliance bulb of the same or lower wattage, reinstall the shield by hanging it from the three tabs.
5. Reinstall the shelf and plug the refrigerator back in.

### **Dispenser**

1. Unplug the refrigerator.
2. The bulb is located on the dispenser under the control panel. Remove the light bulb by turning it counterclockwise.
3. Replace the bulb with a bulb of the same size and wattage.
4. Plug the refrigerator back in.

## Troubleshooting Tips

### Normal operating sounds.



- The new high efficiency compressor may run faster and longer than your old refrigerator and you may hear a high-pitched hum or pulsating sound while it is operating.
- Sometimes the refrigerator runs for an extended period, especially when the doors are opened frequently. This means that the Frost Guard™ feature is working to prevent freezer burn and improve food preservation.
- You may hear a whooshing sound when the doors close. This is due to pressure equalizing within the refrigerator.

### CLICKS, POPS, CRACKS and CHIRPS

- You may hear cracking or popping sounds when the refrigerator is first plugged in. This happens as the refrigerator cools to the correct temperature.
- Electronic dampers click open and closed to provide optimal cooling and energy savings.
- The compressor may cause a clicking or chirping sound when attempting to restart (this could take up to 5 minutes).
- The electronic control board may cause a clicking sound when relays activate to control refrigerator components.
- Expansion and contraction of cooling coils during and after defrost can cause a cracking or popping sound.
- On models with an icemaker, after an icemaking cycle, you may hear the ice cubes dropping into the ice bucket.



- You may hear the fans spinning at high speeds. This happens when the refrigerator is first plugged in, when the doors are opened frequently or when a large amount of food is added to the refrigerator or freezer compartments. The fans are helping to maintain the correct temperatures.

- If either door is open for over 3 minutes, you may hear the fans come on in order to cool the light bulbs.
- The fans change speeds in order to provide optimal cooling and energy savings.

## **WATER SOUNDS**



- The flow of refrigerant through the freezer cooling coils may make a gurgling noise like boiling water.
- Water dropping on the defrost heater can cause a sizzling, popping or buzzing sound during the defrost cycle.
- A water dripping noise may occur during the defrost cycle as ice melts from the evaporator and flows into the drain pan.
- Closing the door may cause a gurgling sound due to pressure equalization.

**Before you call for service...**



<b>Problem</b>	<b>Possible Causes</b>	<b>What To Do</b>
Refrigerator does not operate	Refrigerator in defrost cycle.	•Wait about 30 minutes for defrost cycle to end.
	Freezer control in O position.	•Move the freezer control to a temperature setting.
	Refrigerator is unplugged.	•Push the plug completely into the outlet.
	The fuse is blown/circuit breaker is tripped.	•Replace fuse or reset the breaker.
Vibration or rattling (slight vibration is normal)	Front rollers need adjusting.	•See Rollers
Motor operates for long periods or cycles on and off frequently. (Modern refrigerators with more storage space and a larger freezer require more operating time. They start and stop often to maintain even temperatures.)	Normal when refrigerator is first plugged in.	•Wait 24 hours for the refrigerator to completely cool down
	Often occurs when large amounts of food are placed in refrigerator.	•This is normal
	Door left open.	•Check to see if package is holding door open.
	Hot weather or frequent door openings.	•This is normal
	Temperature controls set at the coldest setting	•See About the controls.
Refrigerator or freezer compartment too warm	Temperature control not set cold enough.	•See About the controls.
	Warm weather or frequent door openings.	•Set the temperature control one step colder. See About the controls.
	Door left open.	•Check to see if package is holding door open.
Frost or ice crystals on frozen food (frost	Door left open.	•Check to see if package is holding door open.

within package is normal)	Too frequent or too long door openings.	
Divider between refrigerator and freezer compartments feels warm	Automatic energy saver system circulates warm liquid around front edge of freezer compartment.	•This helps prevent condensation on the outside.
Automatic icemaker does not work (on some models)	Icemaker power switch is in the O position.	•Set the power switch to the I position.
	Water supply turned off or not connected.	•See Installing the water line.
	Freezer compartment too warm.	•Wait 24 hours for the refrigerator to completely cool down.
	Piled up cubes in the storage bin cause the icemaker to shut off.	•Level cubes by hand.
	Ice cubes stuck in icemaker (Green power light on icemaker blinking).	•Turn off the icemaker, remove cubes and turn the icemaker back on.
Ice cubes have odor/ taste	Ice storage bin needs cleaning.	•Empty and wash bin. Discard old cubes.
	Food transmitting odor/taste to ice cubes.	•Wrap foods well.
	Interior of refrigerator needs cleaning.	•See Care and cleaning
Slow ice cube freezing	Door left open.	•Check to see if package is holding door open.
	Temperature control not set cold enough.	•See About the controls.
Door not closing properly	Door gasket on hinge side sticking or folding over.	•Apply petroleum jelly on face of gasket.
Orange glow in the freezer	Defrost heater is on.	•This is normal.



Cube dispenser does not work (on some models)	Icemaker turned off or water supply turned off.	•Turn on icemaker or water supply.
	Ice cubes are frozen to icemaker feeler arm.	•Remove cubes.
	Irregular ice clumps in storage container.	•Break up with fingertip pressure and discard remaining clumps •Freezer may be too warm. Adjust the freezer control to a colder setting, one position at a time, until clumps do not form
	Dispenser is LOCKED.	•Press and hold the LOCK CONTROL pad for 3 seconds.
Water has poor taste/odor (on some models)	Water dispenser has not been used for a long time.	•Dispense water until all water in system is replenished.
Water in first glass is warm (on some models)	Normal when refrigerator is first installed.	•Wait 24 hours for the refrigerator to completely cool down.
	Water dispenser has not been used for a long time.	•Dispense water until all water in system is replenished.
	Water system has been drained.	•Allow several hours for replenished supply to chill.
Water dispenser does not work (on some models)	Water supply line turned off or not connected.	•See Installing the water line.
	Air may be trapped in the water system.	•Press the dispenser arm for at least two minutes.
	Dispenser is LOCKED.	•Press and hold the LOCK CONTROL pad for 3 seconds.
Water is not dispensed but icemaker is working	Water in reservoir is frozen	•Call for service
No water or ice cube production	Supply line or shutoff valve is clogged.	•Call a plumber



	Dispenser is LOCKED.	<ul style="list-style-type: none"> <li>•Press and hold the LOCK CONTROL pad for 3 seconds.</li> </ul>
Refrigerator has odor	Foods transmitting odor to refrigerator.	<ul style="list-style-type: none"> <li>•Foods with strong odors should be tightly wrapped</li> <li>•Keep an open box of baking soda in the refrigerator; replace every three months.</li> </ul>
	Interior needs cleaning.	<ul style="list-style-type: none"> <li>•See Care and cleaning.</li> </ul>
	Defrost water drainage system needs cleaning.	<ul style="list-style-type: none"> <li>•See Care and cleaning.</li> </ul>
Moisture forms on outside of refrigerator	Not unusual during periods of high humidity.	<ul style="list-style-type: none"> <li>•Wipe surface dry.</li> </ul>
Moisture collects inside (in humid weather, air carries moisture into refrigerator when doors are opened)	Too frequent or too long door openings.	
Interior light does not work	No power at outlet.	<ul style="list-style-type: none"> <li>•Replace fuse or reset the breaker.</li> </ul>
	Light bulb burned out.	<ul style="list-style-type: none"> <li>•See Replacing the light bulbs.</li> </ul>
Water on kitchen floor or on bottom of freezer	Drain in the bottom of the freezer clogged.	<ul style="list-style-type: none"> <li>•See Care and cleaning.</li> </ul>
	Cubes jammed in chute.	<ul style="list-style-type: none"> <li>•Poke ice through with a wooden spoon.</li> </ul>
Hot air from bottom of refrigerator	Normal airflow cooling motor. In the refrigeration process, it is normal that heat be expelled in the area under the refrigerator. Some floor coverings are sensitive and will discolor at these normal and safe temperatures.	

CUBED ICE was selected but CRUSHED ICE was dispensed (on some models)	Last setting was CRUSHED ICE.	•A few cubes were left in the crusher from the previous setting. This is normal.
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**Warning**

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

