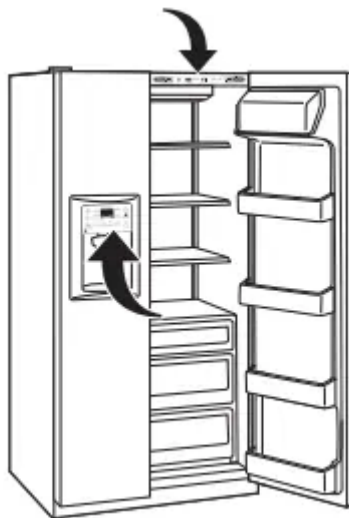
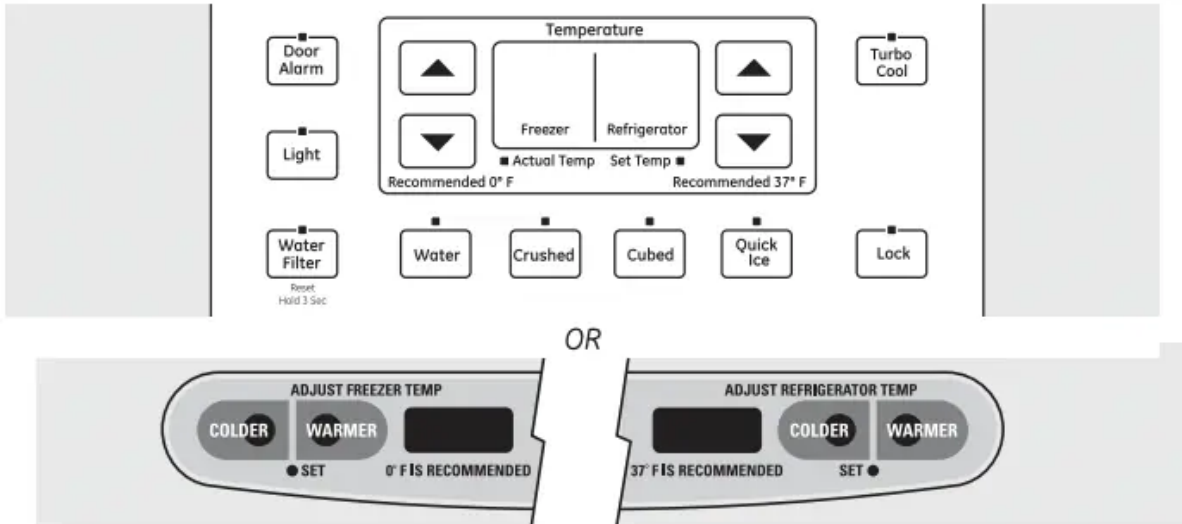


## Operating Instructions

### About the temperature controls

Not all features are on all models. Your controls may be similar to the following:



The temperature controls are preset in the factory at 37°F for the refrigerator compartment and 0°F for the freezer compartment. Allow 24 hours for the temperature to stabilize to the preset recommended settings.

The temperature controls can display both the SET temperature as well as the actual temperature in the refrigerator and freezer. The actual temperature may vary slightly from the SET temperature based on usage and operating environment.

- On some models, setting both controls to the warmest setting until the display flashes (off) will stop cooling in both the freezer and refrigerator compartments.

- On other models, setting either control to the warmest setting until the display flashes (off) will stop the cooling to the freezer and refrigerator.
- **NOTE:** Turning the refrigerator off via the controls on the touch panel does not shut off electrical power to the refrigerator.

**NOTE:** The refrigerator is shipped with protective film- covering the temperature controls. If this film was not removed during installation, remove it now.

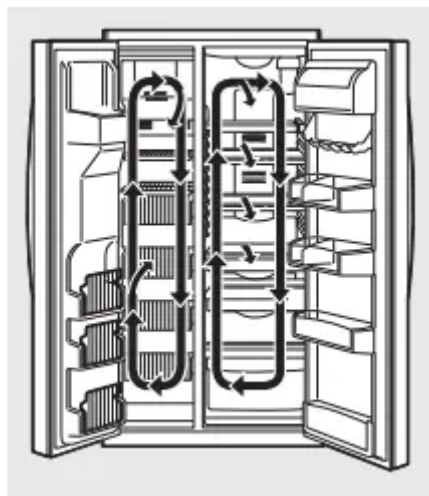
## Performance Air Flow System

The Performance Air-Flow System is designed to maximize temperature control in the refrigerator and freezer compartments. This unique special feature consists of the Air Tower along the back wall of the refrigerator and the Air Tunnel on the bottom portion of the freezer rear wall.

Placing food in front of the louvers on these components will not affect performance. Although the Air Tower and the Air Tunnel can be removed, doing so will affect temperature performance. (For removal instructions, on-line, 24 hours a day, contact us at GEAppliances or call 800.GE.CARES. In Canada, contact us at geappliances or call 1.800.561.3344.)

## About ClimateKeeper2.™ (on some models)

### How it Works



The ClimateKeeper2™ is the industry's most advanced refrigeration system, delivering optimum temperature and humidity performance to keep food garden fresh longer and reduce freezer burn.

The **ClimateKeeper2**™ system features two evaporators—one for the refrigerator and one for the freezer.

This provides two separate cooling systems, and separates the airflow between the fresh food and freezer compartments during normal cooling operations.\*

This ensures that the humidity levels in the fresh food compartment are significantly higher than in a conventional system,\*\* allowing fresh produce and other unsealed foods to retain their moisture

content and freshness longer. Moisture sensitive foods such as fresh fruit, salads, rice, etc., can now be stored on open shelves without excessive moisture loss.

Due to the higher humidity in the refrigerator, you may on occasion experience fog or small amounts of moisture in the refrigerator compartment. This is normal and may come and go as different food loads and environmental conditions change. Wipe dry with a paper towel if desired.

The separate airflow system minimizes the mixing of air between the two compartments, which reduces fresh food odor transfer to improve the taste of ice.

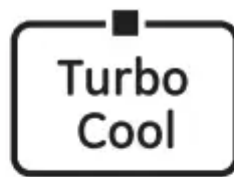
The ClimateKeeper2™ system also reduces the number of defrosting cycles in the freezer evaporator, thereby reducing freezer burn.

\* Freezer air is used in the CustomCool™ feature.

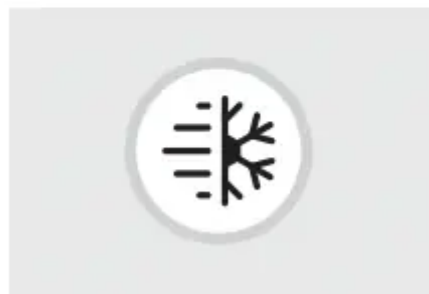
\*\* Testing shows a higher level of humidity in the Fresh Food section in ClimateKeeper2™ refrigerators versus conventional units.

## About TurboCool.™ (on some models)

### How it Works



OR



TurboCool™ rapidly cools the refrigerator compartment in order to more quickly cool foods. Use TurboCool™ when adding a large amount of food to the refrigerator compartment, putting away foods after they have been sitting out at room temperature or when putting away warm leftovers. It can also be used if the refrigerator has been without power for an extended period.

Once activated, the compressor will turn on immediately and the fans will cycle on and off at high speed as needed for eight hours. The compressor will continue to run until the refrigerator compartment cools to approximately 34°F (1°C), then it will cycle on and off to maintain this

setting. After 8 hours, or if TurboCool™ is pressed again, the refrigerator compartment will return to the original setting.

### How to Use

Press *TurboCool*.™ The *TurboCool*™ temperature display will show **Tc** and the LED will be activated.

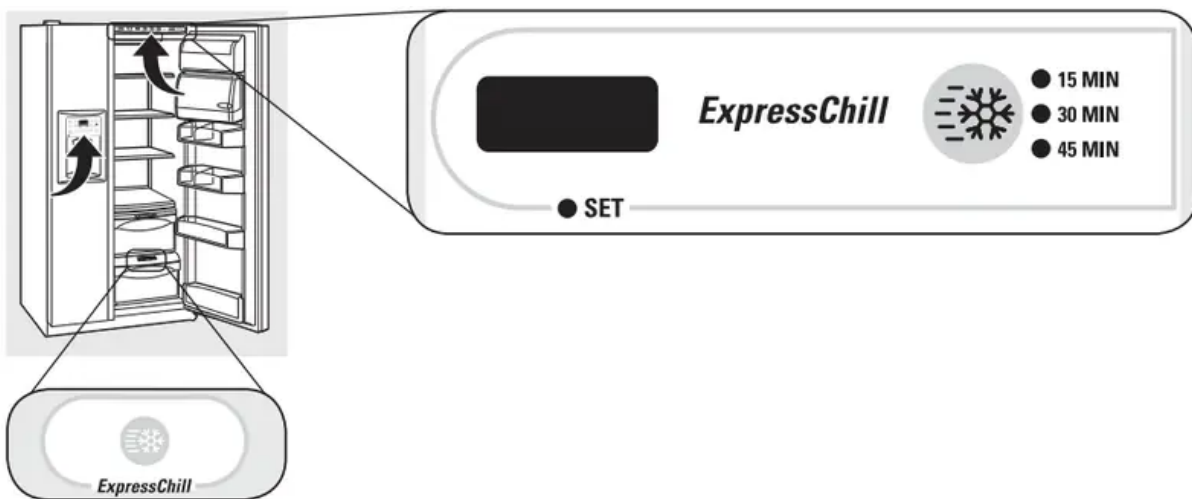
After *TurboCool*™ is complete, the *TurboCool*™ indicator light will go out.

**NOTES:** The refrigerator temperature cannot be changed during *TurboCool*™.

The freezer temperature is not affected during *TurboCool*™.

When opening the refrigerator door during *TurboCool*™, the fans will continue to run if they have cycled on.

### About ExpressChill™. (on some models)

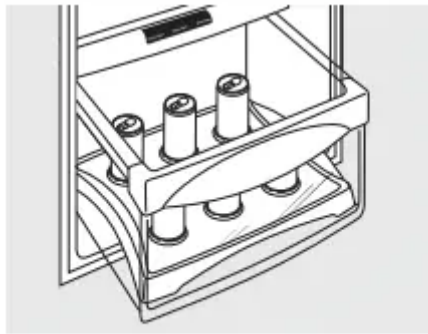


### How it Works

The ExpressChill™ feature is a system of dampers, a fan and a temperature thermistor. The pan is tightly sealed to prevent the pan's temperature from causing temperature fluctuations in the rest of the refrigerator.

The controls for this pan are located in the top of the refrigerator or on the dispenser with the temperature controls.

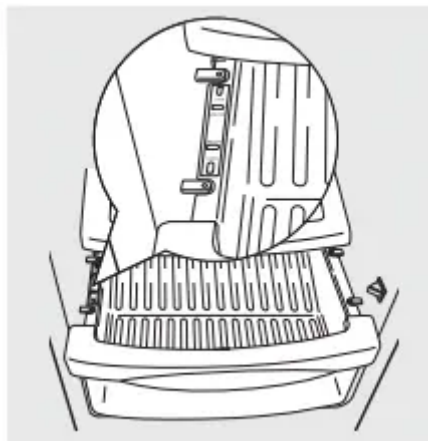
### How to Use



*ExpressChill™*

1. Empty the pan. Place the Chill tray in the pan. Place the items on the tray and close the pan completely.
2. Select the ExpressChill™ pad. On some models, you can then select the chill time (use chart to determine best setting). Other models will only have one option (45 minutes). On models with multiple settings, tap the pad until the light appears next to the desired setting.
  - To stop a feature before it is finished, tap that feature's pad until no options are selected and the display is off.
  - During ExpressChill™, the display on the controls will count down the time in the cycle.

#### **How to Remove and Replace the Drawer**



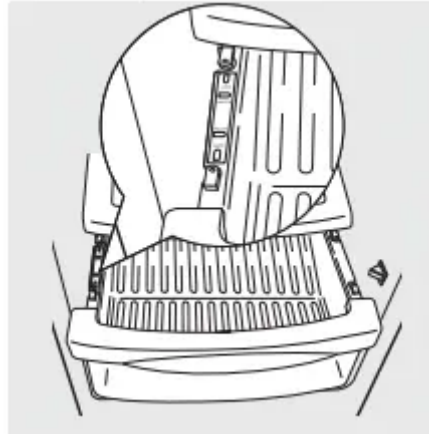
#### **To remove:**

1. Pull the drawer out to the stop position.
2. Rotate all four swing locks to the unlock position.
3. Lift the front of the drawer up and out.

#### **To replace:**

1. Make sure all four swing locks are in the unlock position.
2. Place the sides of the drawer into the drawer supports, making sure the swing locks fit on the drawer slots.

3. Lock all four swing locks by rotating them to the lock position.



**ExpressChill™ Chart (on some models)**



**NOTE:** Results may vary depending on packaging, starting temperature and other food traits.

| <u>15 Minutes</u>   | <u>30 Minutes</u>  | <u>45 Minutes</u>  |
|---|--|--|
| <ul style="list-style-type: none"> <li>• 1 Beverage Can (12 oz)</li> <li>• 2 Small Juice Boxes (6–8 oz each)</li> </ul> | <ul style="list-style-type: none"> <li>• 2 to 6 Beverage Cans (12 oz each)</li> <li>• 2 Plastic 20 oz Bottles of Beverage</li> <li>• 4 to 6 Small Juice Boxes (6–8 oz each)</li> <li>• 3 Foil Juice Packets</li> <li>• Wine (750 ml bottle)</li> </ul> | <ul style="list-style-type: none"> <li>• 2 Liters of Beverage</li> <li>• 1/2 Gallon of Juice</li> <li>• Gelatin - 1 package</li> </ul> |

**About the water filter. (on some models)**

**Water Filter Cartridge**

The water filter cartridge is located in the back upper right corner of the refrigerator compartment.

**When to Replace the Filter on Models With a Replacement Indicator Light**

There is a replacement indicator light for the water filter cartridge on the dispenser. This light will turn orange to tell you that you need to replace the filter soon.



The filter cartridge should be replaced when the replacement indicator light turns red or if the flow of water to the dispenser or icemaker decreases.

### **When to Replace the Filter on Models Without a Replacement Indicator Light**

The filter cartridge should be replaced every six months or earlier if the flow of water to the water dispenser or icemaker decreases.

### **Removing the Filter Cartridge**

If you are replacing the cartridge, first remove the old one by slowly turning it to the left. Do not pull down on the cartridge. A small amount of water may drip down.

### **Installing the Filter Cartridge**

1. If you are replacing a SmartWater cartridge with an adapter, it must be removed before installing the cartridge. To remove the adapter, turn it to the left about 1/4 turn.

If you are replacing a Water by Culligan cartridge, leave the adapter in place. This adapter will stay in the refrigerator when you replace future cartridges.

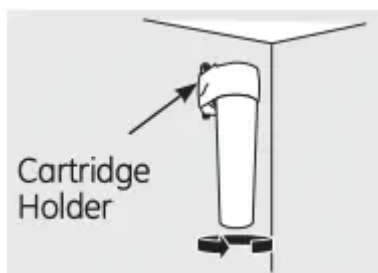


2. On models without a replacement indicator light, apply the month and year sticker to the new cartridge to remind you to replace the filter in six months.

3. Fill the replacement cartridge with water from the tap to allow for better flow from the dispenser immediately after installation.

4. Line up the arrow on the cartridge and the cartridge holder. Place the top of the new cartridge up inside the holder. Do not push it up into the holder.

5. Slowly turn it to the right until the filter cartridge stops. **DO NOT OVERTIGHTEN.** As you turn the cartridge, it will automatically raise itself into position. The cartridge will move about 1/2 turn.



6. Run water from the dispenser 1-1/2 gallons (about three minutes) to clear the system and prevent sputtering.

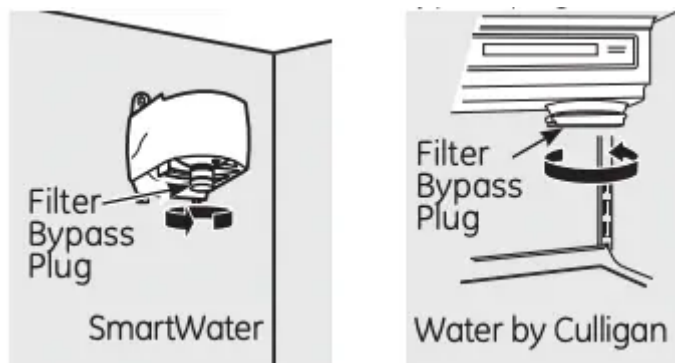
7. Press and hold the WATER FILTER pad (on some models) on the dispenser for 3 seconds.



**NOTE:** A newly-installed water filter cartridge may cause water to spurt from the dispenser upon first use.

### Filter Bypass Plug

You must use the filter bypass plug when a replacement filter cartridge is not available. The dispenser and the icemaker will not operate without the filter or filter bypass plug.



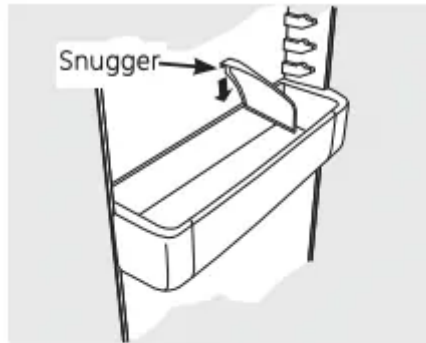
To use the filter bypass plug on Water by Culligan models, you must first remove the filter adapter from the cartridge holder by turning it to the left.

For the maximum benefit of your filtration system, GE recommends the use of GE branded SmartWater filters only. Using GE branded filters in GE and Hotpoint refrigerators provides optimal performance and reliability. GE branded SmartWater filters are always the right choice because they are patented and designed specifically for GE products. GE SmartWater filters meet rigorous industry NSF standards for safety and quality that are important for products that are filtering your water. GE has not qualified non-GE branded filters for use in GE and Hotpoint refrigerators and

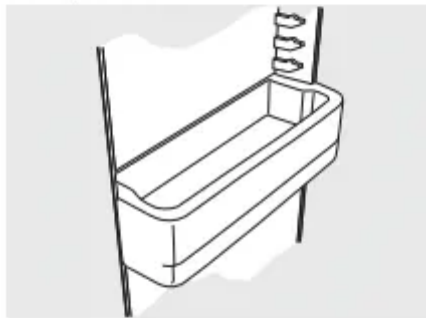
there is no assurance that non-GE branded filters meet GE's standards for quality, performance and reliability.

## About the shelves and bins.

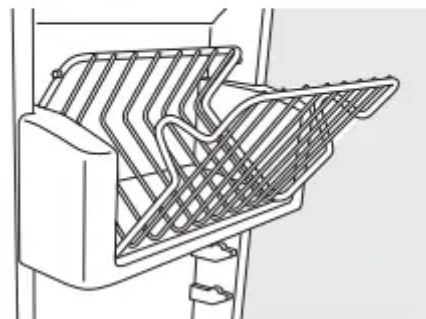
Not all features are on all models.



Refrigerator bin



Freezer bin



Freezer tilt-out bin

## Refrigerator Door Bins and Freezer Door Tilt-Out Bins

### **Large Bins**

The larger refrigerator door bins and freezer tilt-out door bins are adjustable.

To remove: Lift the front of the bin straight up, then lift up and out.

To replace or relocate: Engage the back side of the bin in the molded supports of the door. Then push down on the front of the bin. Bin will lock in place.

### **Small Bins**

To remove: Lift the front of the bin straight up then out.

**To replace:** Position the bin above the rectangular molded supports on the door. Then slide the bin down onto the support to lock it in place.

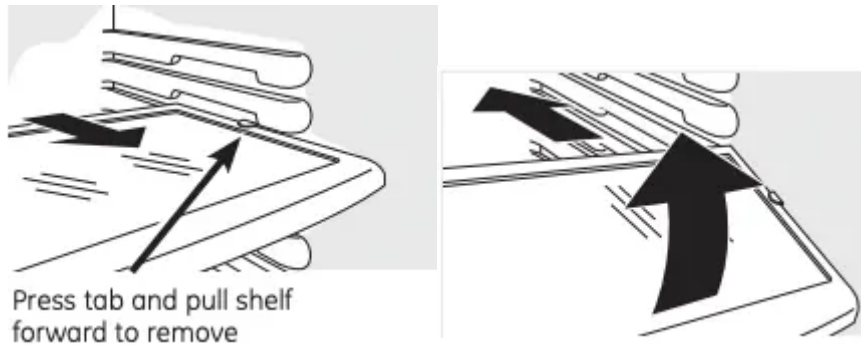
The snugger helps prevent tipping, spilling or sliding of small items stored on the door shelf. Place a finger on either side of the snugger near the rear and move it back and forth to fit your needs

Top freezer bin



**CAUTION:** Be careful when placing items in the top bin. Make sure that items do not block or fall into the ice chute.

### Slide-Out Spillproof Shelf



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.

#### **To remove:**

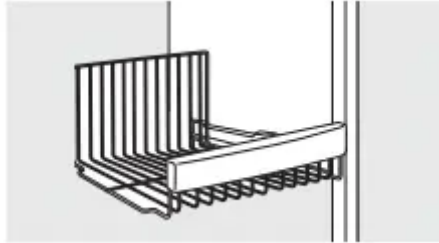
Slide the shelf out until it reaches the stop, then press down on the tab and slide the shelf straight out.

#### **To replace or relocate:**

Line the shelf up with the supports and slide it into place. The shelf can be repositioned when the door is at 90° or more. To reposition the shelf, slide the shelf past the stops and angle downward. Slide shelf down to the desired position, line up with the supports and slide into place.

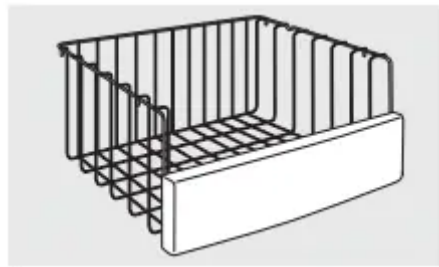
Make sure you push the shelves all the way back in before you close the door.

### **Freezer Baskets (on some models)**



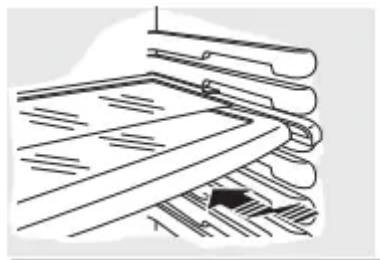
To remove, slide out to the stop position, lift the front past the stop position, and slide out. Make sure you push the baskets all the way back in before you close the door.

### **Freezer Baskets (on some models)**



To remove, push the basket all the way to the back of the freezer. Lift up until the back pins are disengaged. Lift the entire basket up and pull out. Make sure you push the baskets all the way back in before you close the door.

### **QuickSpace™ Shelf (on some models)**



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

This shelf can be removed and replaced or relocated just like Slide-Out Spillproof Shelves.

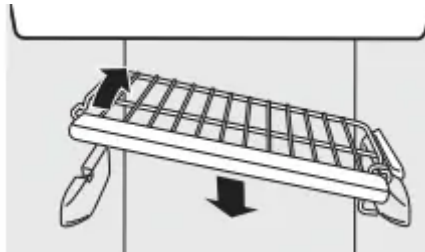
On some models, this shelf can not be used in the lowest position.

### **Slide-Out Freezer Shelves**



To remove, slide out to the stop position, lift the front past the stop position, and slide out from rib. Make sure you push the shelves all the way back in before you close the door.

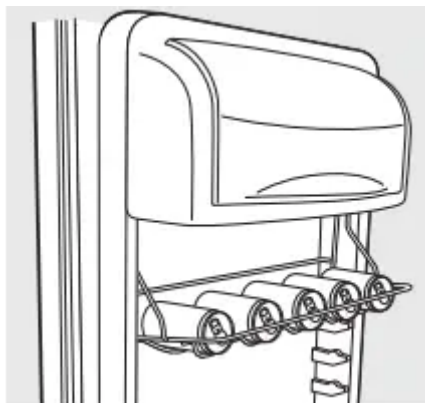
### Fixed Freezer Shelves



To remove, lift the shelf up at the left side and then bring the shelf out.

**NOTE FOR DISPENSER MODELS:** In order to take full advantage of the tilt-out ice bin (on some models), only store items on the shelf below the ice bin that are no taller than the lowest point on the bin.

### Door Wine/Beverage Rack(on some models)

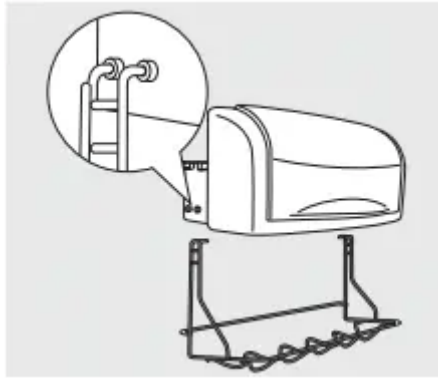


This rack holds up to 5 cans, one bottle of wine or one 2-liter bottle of soda.

The rack hangs from the sides of the dairy bin.

#### To remove:

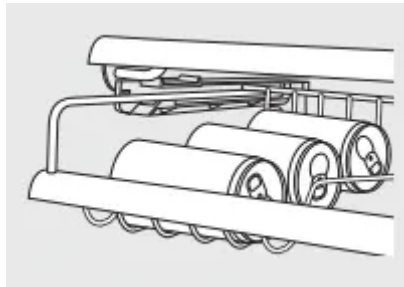
1. Empty the wine/beverage rack.
2. Holding the bottom of the dairy bin, lift the front straight up, then lift up and out.
3. To detach the rack from the dairy bin, pull the rack's side wires out of the holes on each side of the dairy bin.



To replace:

1. Reattach the rack to the sides of the bin.
2. Engage the back side of the bin in the molded supports on the door. Then push down on the front of the bin. The bin will lock into place.

**ShelfSaver™ Rack (on some models)**



Use this rack to store beverage cans for easy access.

It can also hold a 9" x 13" baking dish.

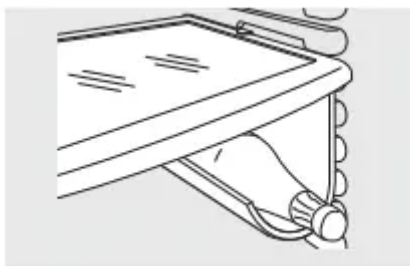
**Door Can Rack (on some models)**



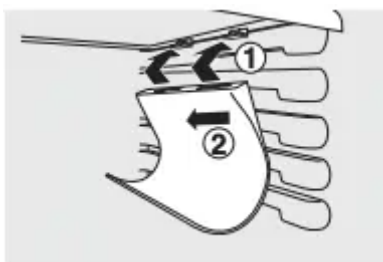
This door rack holds up to 9 cans.

**NOTE:** This rack can only be mounted in the top position under the dairy bin.

**Removable Beverage Rack (on some models)**



The beverage rack is designed to hold a bottle on its side. It can be attached to any slide-out shelf.

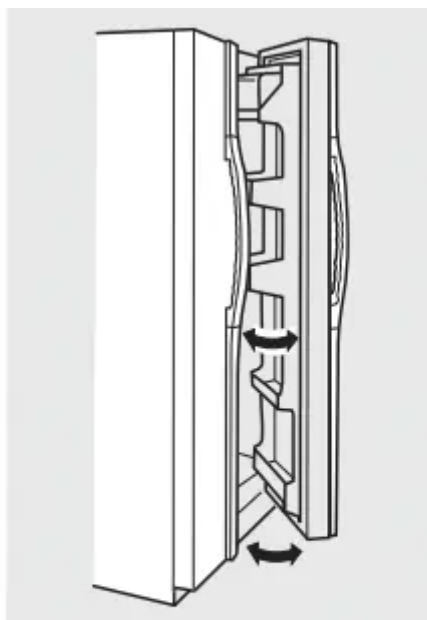


To install:

1. Line up the large part of the slots on the top of the rack with the tabs under the shelf.
2. Then slide the rack back to lock it in place.

**About the refrigerator doors.**

**Refrigerator Doors (on some models)**



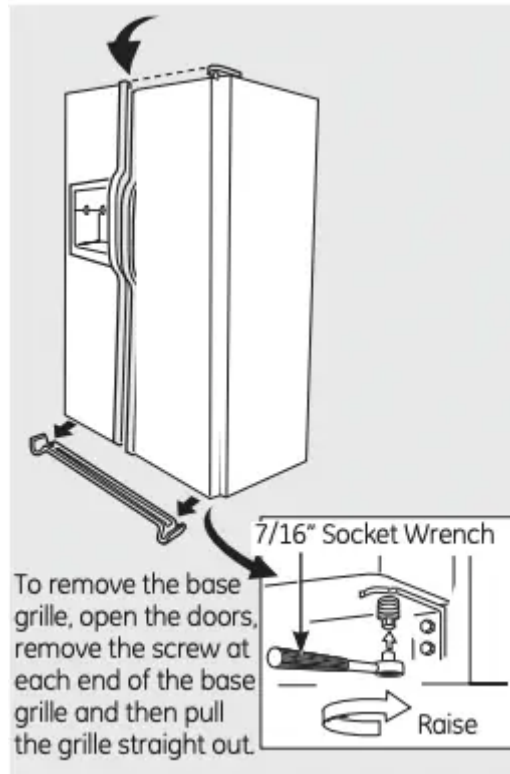
When the door is only partially open, it will automatically close. Beyond this *stop* the door will stay open.

The refrigerator doors may feel different than the ones you are used to. The special door opening/closing feature makes sure the doors close all the way and are securely sealed.

When opening and closing the door you will notice a stop position. If the door is opened past this stop point, the door will remain open to allow you to load and unload food more easily. When the door is only partially open, it will automatically close.

The resistance you feel at the stop position will be reduced as the door is loaded with food.

### Door Alignment



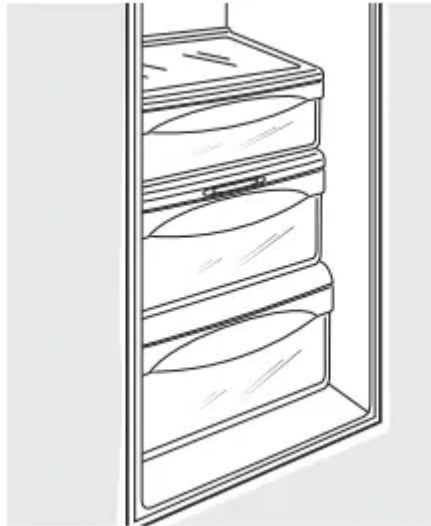
If doors are uneven, adjust the refrigerator door.

1. Using a 7/16" socket wrench, turn the door adjusting screw to the right to raise the door; to the left, to lower it. (A nylon plug, imbedded in the threads of the pin, prevents the pin from turning unless a wrench is used.)
2. After one or two turns of the wrench, open and close the refrigerator door and check the alignment at the top of the doors.

### About the crispers and pans.

Not all features are on all models.

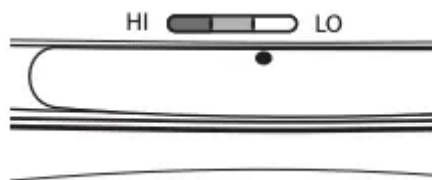
### Fruit and Vegetable Crispers



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

On some models, the bottom drawer has full extension slides that allow full access to the drawer.

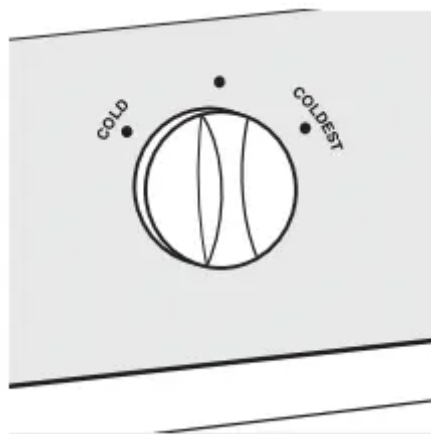
### **Adjustable Humidity Crispers**



Slide the control all the way to the HI setting to provide high humidity recommended for most vegetables.

Slide the control all the way to the LO setting to provide lower humidity levels recommended for most fruits.

### **Convertible Deli Pan (on some models)**



The convertible deli pan has its own cold air duct to allow a stream of cold air from the freezer compartment or refrigerator compartment to flow to the pan.

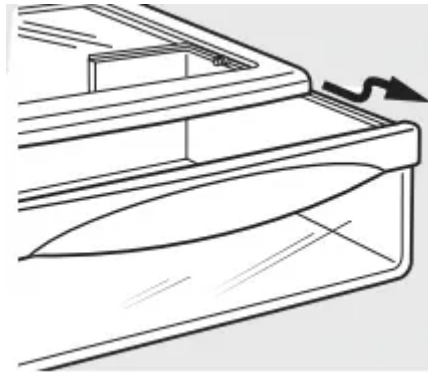
The variable temperature control regulates the air flow from the Climate Keeper.

Set the control to the coldest setting to store fresh meats.

Set the control to cold to convert the panto normal refrigerator temperature and provide extra vegetable storage space. The cold air duct is turned off. Variable settings between these extremes can be selected.

## **About crisper removal.**

### **Crisper Removal**



Crispers can easily be removed by pulling the drawer straight out and lifting the drawer up and over the stop location.

If the door prevents you from taking out the drawers, first try to remove the door bins. If this does not offer enough clearance, the refrigerator will need to be rolled forward until the door opens enough to slide the drawers out. In some cases, when you roll the refrigerator out, you will need to move the refrigerator to the left or right as you roll it out.

## **About the automatic icemaker.**

### **Automatic Icemaker**

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 *OFF* position.

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

The icemaker will fill with water when it cools to 15°F (-10°C).

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.

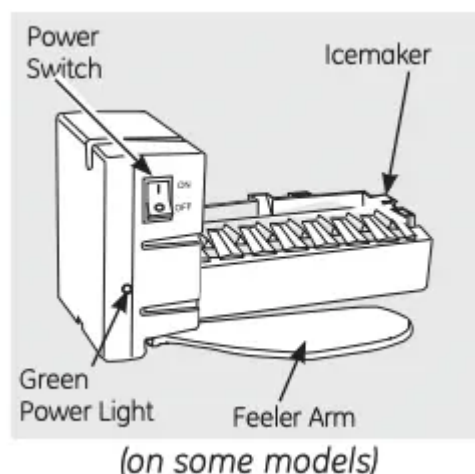
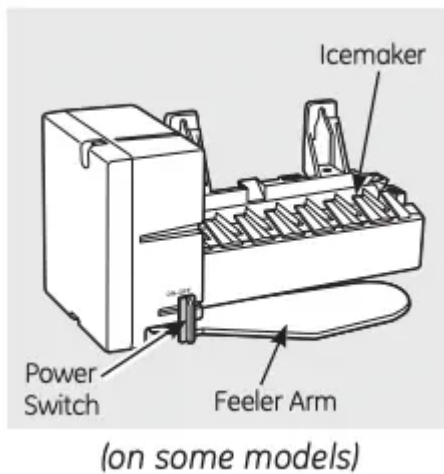
If ice is not used frequently, old ice cubes will become cloudy, taste stale and shrink.

**Special note about dispenser models:**

- Some models have a tilt-out ice bin. The bin can be tilted out as shown in the illustrations, and it will hold itself up while you take ice out or turn the icemaker power switch on and off. Be sure to put the bin back in place before closing the door.
- To restore your ice level from an empty bucket stage, the following steps are recommended:

1. 12 hours after the first batch of ice has fallen into the bin, dispense 3 to 4 cubes.
2. After an additional 6 hours, dispense 3 to 4 cubes again.

These steps will restore your ice level in the shortest amount of time.



**NOTE:** In homes with lower than average water pressure, you may hear the icemaker cycle multiple times when making one batch of ice.

**Accessing Ice and Reaching the Power Switch on Dispenser Models**

There are two types of ice storage bins on dispenser models. One has a shelf above the bin, the other does not.

**Special note for models with tilt-out ice bin:**

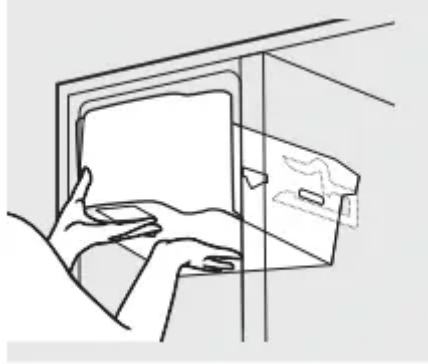
- These models have a tilt-out ice bin. The bin can be tilted out as shown in the illustrations, and it will hold itself up while you take ice out or turn the icemaker power switch on and off. Be sure to put the bin back in place before closing the door.

**NOTE:** In order to take full advantage of the tilt-out ice bin, only store items on the shelf below the ice bin that are no taller than the lowest point on the bin.

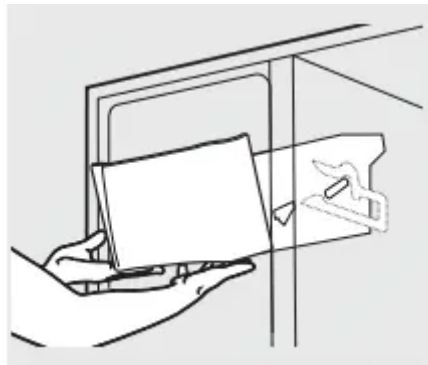
Models with tilt out ice bin



To access ice and reach the icemaker power switch:

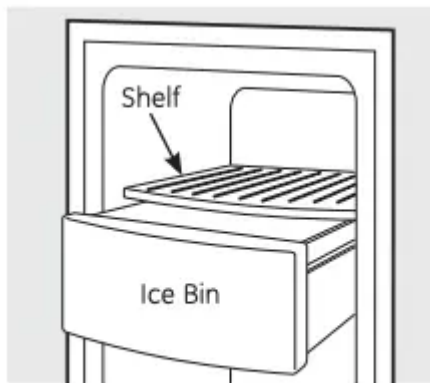


1. Lift the bin, then pull it forward until the bin stops.

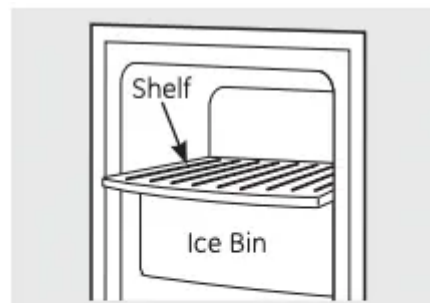


2. Lower the bin to access ice

Models with a shelf above the ice bin



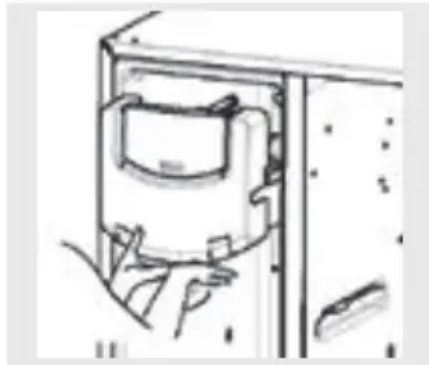
*To access ice, pull the bin forward.*



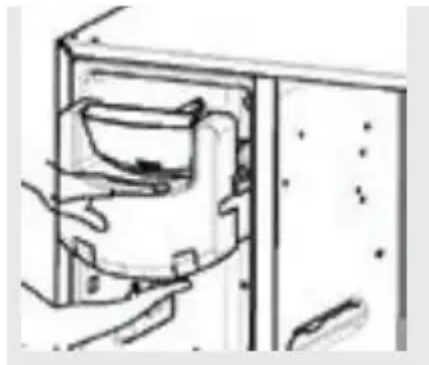
*To reach the power switch, pull the shelf straight out. Always be sure to replace the shelf.*

**On some models, to access ice or reach the power switch:**





1. Pull the bin forward until the bin stops.

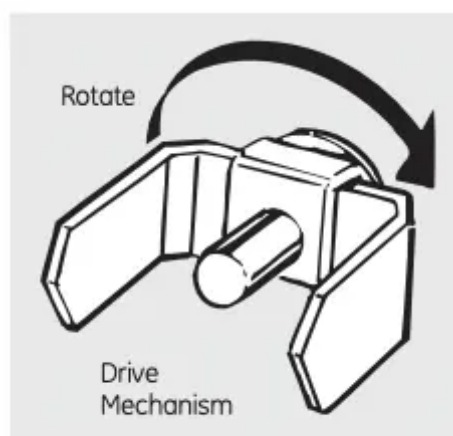


2. Lower the bin to access ice or reach the power switch.

### Removing Ice Bin (dispenser models)

**CAUTION:** The ice bin is heavy when full.

Set the power switch to the OFF position before removing the bin. When replacing the bin, be sure to press 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 bin back again.



*Dispenser Models only*

### 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.

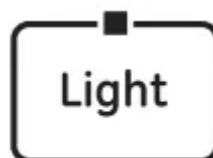
**CAUTION:** Never put fingers or any other objects into the ice crusher discharge opening.

### Locking the Dispenser



Press the LOCK 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. For models with a bulb, if the light burns out, it should be replaced with a 6 watt 12V maximum bulb. For LED models, contact Factory Service.

#### **Quick Ice (on some models)**



When you need ice in a hurry, press this pad to speed up ice production. This will increase ice production for the following 48 hours or until you press the pad again.

#### **Door Alarm (on some models)**



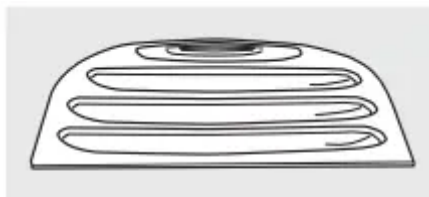
To set the alarm, press this pad until the indicator light comes on. This alarm will sound if either door is open for more than 3 minutes. The light goes out and the beeping stops when you close the door.

#### **Important Facts About Your Dispenser**

- Do not add ice from trays or bags to the storage drawer. 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 drawer. Cans, bottles or food packages in the storage drawer may cause the icemaker or auger to jam.
- To keep dispensed ice from missing the glass, put the glass close to, but not touching, the dispenser opening.
- Some crushed ice may be dispensed even though you selected CUBED ICE. This happens occasionally when a few cubes accidentally get directed to 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.

## Care and cleaning of the refrigerator.

### Cleaning the Outside



*Dispenser drip area.*

**The dispenser drip area**, 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.** Before cleaning, lock the dispenser by pressing and holding the **LOCK** 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.

**The stainless steel panels and door handles** (on some models) can be cleaned with a commercially available stainless steel cleaner. A spray-on stainless steel cleaner works best.

Do not use appliance wax or polish on the stainless steel.

**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 fresh food 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.

**Use of any cleaning solution other than that which is recommended, especially those that contain petroleum distillates, can crack or damage the interior of the refrigerator.**

*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.*

*The chill/thaw tray is dishwasher safe.*

## **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. 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 OFF 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 shelves and drawers by taping them securely in place to prevent damage.

When using a hand truck to move the refrigerator, do not rest the front or back of the refrigerator against the hand truck. This could damage the refrigerator. Handle only from the sides of the refrigerator.

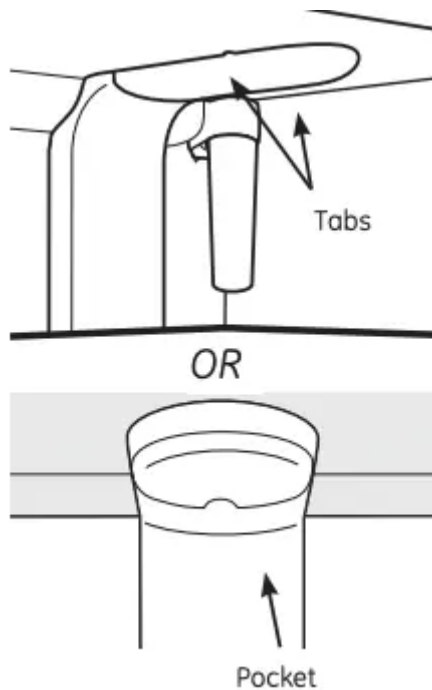
Be sure the refrigerator stays in an upright position during moving.

## **Replacing the light bulbs. (on some models)**

**Note:** Turning the refrigerator off via the controls on the touch panel does not shut off electrical power to the refrigerator.

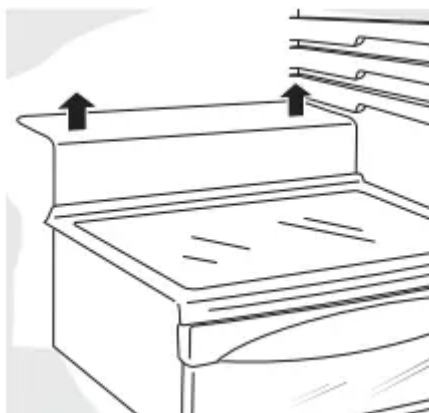
### **Refrigerator Compartment-Upper Light**

Your light shield will look like one of the following:



1. Unplug the refrigerator.
2. The bulbs are located at the top of the compartment, inside the light shield. On some models, a screw at the front of the light shield will have to be removed. On other models, the screw is located in the pocket located at the back of the shield.
3. To remove the light shield, on some models, press in on the tabs on the sides of the shield and slide forward and out. On other models, just slide the shield forward and out.
4. After replacing the bulb with an appliance bulb of the same or lower wattage, replace the light shield and screw. When replacing the light shield, make sure that the tabs at the back of the shield fit into the slots at the back of the light shield housing.
5. Plug the refrigerator back in.

### Refrigerator Compartment-Lower Light

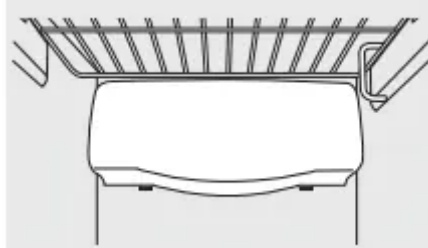


This light is located above the top drawer.

1. Unplug the refrigerator.
2. Lift the light shield up and pull it out.

3. After replacing the bulb with an appliance bulb of the same or lower wattage, replace the shield.
4. Plug the refrigerator back in.

### Freezer Compartment



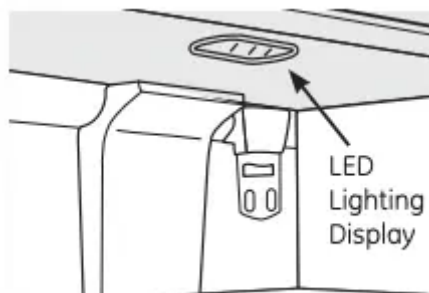
1. Unplug the refrigerator.
2. Remove the shelf just above the light shield. (The shelf will be easier to remove if it is emptied first.) Remove the screw at the top of the light shield.
3. To remove the light shield, press in on the sides, and lift up and out.
4. Replace the bulb with an appliance bulb of the same or lower wattage, and reinstall the light shield. When reinstalling the light shield, make sure the top tabs snap securely into place. Replace the screw.
5. Reinstall the shelf and plug the refrigerator back in.

### Dispenser (on some models)

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.

### Replacing the lights on models with LED lighting

Setting the controls to OFF does not remove power to the light circuit. Not all features are on all models.



### Refrigerator Compartment (on some models)

There is an LED lighting display in the top and sides of the fresh food compartment and in the rear and side of the freezer compartment on some models.

If this assembly needs to be replaced, call GE Service at 1.800.432.2737 in the United States or 1.800.561.3344 in Canada.

## **Troubleshooting Tips .**

### **Normal operating sounds**

Newer refrigerators sound different from older refrigerators. Modern refrigerators have more features and use newer technology.

**Do you hear what I hear? These sounds are normal.**

### **HUMMM... WHOOSH...**

- 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.

### ***WHIR!***

- 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.

### **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

### **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.

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.

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



| <b>Problem</b>  | <b>Possible Causes</b>                        | <b>What To Do</b>  |
|---|---|--|
| <b>Refrigerator does not operate</b>  | Refrigerator in defrost cycle.                | Wait about 30 minutes for defrost cycle to end.                                  |
|   | Either or both controls set to OFF.           | Set the controls to a lower 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. breaker is tripped.                           |
|   | Refrigerator is in showroom mode.             | Unplug the refrigerator and plug it back in.                                     |
| <b>Vibration or rattling (slight vibration is normal)</b>   | Rollers need adjusting.                       | See Rollers.   |
| <b>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.)</b> | Normal when refrigerator                      | Wait 24 hours for the refrigerator to completely is first plugged in. cool down. |
|   | Often occurs when large                       | This is normal. amounts of food are placed in refrigerator.                      |
|   | Door left open.                               | Check to see if package is holding door open.                                    |
|   | Hot weather or frequent                       | This is normal. door openings.   |
|   | Temperature controls                          | See About the controls. set at the coldest setting.                              |
| <b>Refrigerator or freezer compartment too warm</b>   | Temperature control not set                   | See About the controls. cold enough.   |

|  |   |   |
|--|---|---|
|  | Warm weather or frequent                | Set the temperature control one step colder. door openings. See About the controls.                                     |
|  | Door left open.                         | Check to see if package is holding door open.   |
| <b>Frost or ice crystals on frozen food (frost within package is normal)</b> | Door left open.                         | Check to see if package is holding door open.   |
|  | Too frequent or too long door openings. |   |
| <b>Divider between refrigerator and freezer compartments feels warm</b>      | Automatic energy saver                  | This helps prevent condensation on the outside. system circulates warm liquid around front edge of freezer compartment. |
| <b>Automatic icemaker does not work</b>                                      | Icemaker power switch                   | Set the power switch to the ON position. is in the OFF position.  |
|  | Water supply turned off or              | See Installing the water line. not connected.   |
|  | Freezer compartment                     | Wait 24 hours for the refrigerator to completely too warm. cool down.   |
|  | Piled up cubes in the storage           | Level cubes by hand. bin cause the icemaker to shut off.  |
|  | Ice cubes stuck in icemaker.            | Turn off the icemaker, remove cubes, and turn the icemaker back on.   |
| <b>Ice cubes have odor/taste</b>   | 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.   |
| <b>Small or hollow cubes</b>                          | Water filter clogged.   | Replace filter cartridge with new cartridge or with plug.  |
| <b>Slow ice cube freezing</b>                         | Door left open.   | Check to see if package is holding door open.  |
|   | Temperature control not set cold enough.  | See About the controls.  |
| <b>Frequent "buzzing sound" warm (on some models)</b> | Icemaker power switch is in the 1 (on) position, but the water supply to the refrigerator has not been connected. | Set the power switch to the 0 (off) position. Keeping it in the 1 (on) position will damage the water valve.       |
| <b>Orange glow in the freezer</b>                     | Defrost heater is on.   | This is normal.  |
| <b>Cube dispenser does not work (on some models)</b>  | Icemaker turned off or water supply turned off.   | Turn on icemaker or water supply.  |
|   | Ice cubes are frozen to icemaker feeler arm.  | Remove cubes.  |
|   | An item is blocking or has fallen into the ice chute inside the top door bin of the freezer.                      | Remove any item that might be blocking, or has fallen into, the chute.   |
|   | Irregular ice clumps in storage container.  | <ul style="list-style-type: none"> <li>• Break up with fingertip pressure and discard remaining clumps.</li> </ul> |

|  |  |  |
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|  |  | <ul style="list-style-type: none"> <li>Freezer may be too warm. Adjust the freezer control to a colder setting, one position at a time, until clumps do not form.</li> </ul> |
|  | Dispenser is LOCKED.                               | Press and hold the LOCK pad for 3 seconds.   |
| <b>Water has poor taste/odor not been (on some models)</b> | Water dispenser has used for a long time.          | Dispense water until all water in system is replenished.   |
| <b>Water in first glass is warm (on some models)</b>       | 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.   |
| <b>Water dispenser does not work (on some models)</b>      | Water supply line turned ) off or not connected.   | See Installing the water line.   |
|  | Water filter clogged.                              | Replace filter cartridge or remove filter and install plug.  |
|  | 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 pad for 3 seconds.   |

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| <b>Water spurting from dispenser<br/>(on some models)</b>                        | Newly-installed filter cartridge.            | Run water from the dispenser for 3 minutes (about one and a half gallons).   |
|  | Water in reservoir is frozen.                | Call for service.  |
|  | Refrigerator control setting is too cold.    | Set to a warmer setting.   |
| <b>No water or ice cube production</b>   | Supply line or shutoff valve is clogged.     | Call a plumber.  |
|  | Water filter clogged.                        | Replace filter cartridge or remove filter and install plug.  |
|  | Dispenser is LOCKED.                         | Press and hold the LOCK pad for 3 seconds.   |
| <b>CUBED ICE was selected but CRUSHED ICE was dispensed<br/>(on some models)</b> | Last setting was CRUSHED ICE.                | A few cubes were left in the crusher from the previous setting. This is normal.  |
| <b>Refrigerator has odor</b>   | 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.                     | See Care and cleaning.   |
| <b>Moisture forms on outside of refrigerator</b>                                 | Not unusual during periods of high humidity. | Wipe surface dry.  |

|   |  |   |
|---|--|---|
| <p><b>Moisture collects inside (in humid weather, air carries moisture into refrigerator when doors</b></p> | <p>Too frequent or too long door openings.</p> <p>Due to the higher humidity in the refrigerator, you may on occasion experience fog or small amounts of moisture in the refrigerator compartment.</p>                                 | <ul style="list-style-type: none"> <li>•This is normal for the beverage center.</li> <li>•This is normal for the beverage center. loads and environmental conditions change with a per towel if desired.</li> </ul> |
| <p><b>Interior light does not work</b></p>  | <p>No power at outlet.</p>   | <p>Replace fuse or reset the breaker.</p>   |
|   | <p>Light bulb burned out.</p>  | <p>See Replacing the light bulbs.</p>   |
|   | <p>For LED lights</p>  | <p>Call Service.</p>  |
| <p><b>Water on kitchen floor or on bottom of freezer</b></p>  | <p>Cubes jammed in chute.</p>  | <p>Poke ice through with a wooden spoon.</p>  |
| <p><b>Hot air from bottom of refrigerator</b></p>   | <p>Normal air flow 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.</p> |   |
| <p><b>Refrigerator never shuts off but the temperatures are OK</b></p>                                      | <p>Adaptive defrost keeps compressor running during door openings.</p>   | <p>This is normal. The refrigerator will cycle off after the door remains closed for 2 hours.</p>   |
| <p><b>Refrigerator is beeping</b></p>   | <p>Door is open.</p>   | <p>Close door.</p>  |
| <p><b>Door not closing properly</b></p>   | <p>Door gasket on hinge side sticking or folding over.</p>   | <p>Apply paraffin wax to the face of the gasket.</p>  |



|  |                                  |   |
|--|----------------------------------|---|
| <b>Actual temperature not equal to Set temperature</b> | Unit just plugged in.            | Allow 24 hours for system to stabilize. |
|  | Door open for too long.          | Allow 24 hours for system to stabilize. |
|  | Warm food added to refrigerator. | Allow 24 hours for system to stabilize. |
|  | Defrost cycle is in process.     | Allow 24 hours for system to stabilize. |

**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.

