



Side by Side Refrigerators

Safety Instructions2-3

Operating Instructions

Automatic Icemaker11

Care and Cleaning13, 14

Crispers and Pans10

ExpressChill™5

Ice and Water Dispenser12, 13

Refrigerator Doors9

Replacing the Light Bulbs15

Shelves and Bins7, 8

Temperature Controls4

TurboCool™4

Water Filter6

Installation Instructions

Installing the Refrigerator21-24

Moving the Refrigerator17-20

Preparing to Install the Refrigerator16

Water Line Installation25-27

Troubleshooting Tips28-31

Normal Operating Sounds28

Consumer Support

Consumer SupportBack Cover

Performance Data Sheet32

Product Registration (U.S.)33, 34

Product Registration (Canadian) ..35, 36

State of California Water Treatment Device Certificate37

Warranty (Canadian)38

Warranty (U.S.)39

Write the model and serial numbers here:

Model # _____

Serial # _____

Find these numbers on a label inside the refrigerator compartment at the top on the right side.

Owner's Manual and Installation

Models 22, 23, 25 and 27

Côte à Côte
Réfrigérateurs

Manuel d'utilisation et d'installation

La section française commence à la page 40

Lado a Lado
Refrigeradores

Manual del propietario e instalación

La sección en español empieza en la página 75



IMPORTANT SAFETY INFORMATION. READ ALL INSTRUCTIONS BEFORE USING.

⚠ WARNING!

Use this appliance only for its intended purpose as described in this Owner's Manual.

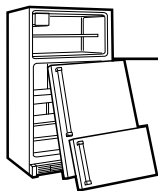


SAFETY PRECAUTIONS

When using electrical appliances, basic safety precautions should be followed, including the following:

- This refrigerator must be properly installed and located in accordance with the Installation Instructions before it is used.
- Do not allow children to climb, stand or hang on the shelves in the refrigerator. They could damage the refrigerator and seriously injure themselves.
- Do not touch the cold surfaces in the freezer compartment when hands are damp or wet. Skin may stick to these extremely cold surfaces.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- In refrigerators with automatic icemakers, avoid contact with the moving parts of the ejector mechanism, or with the heating element located on the bottom of the icemaker. Do not place fingers or hands on the automatic icemaking mechanism while the refrigerator is plugged in.
- Keep fingers out of the “pinch point” areas; clearances between the doors and between the doors and cabinet are necessarily small. Be careful closing doors when children are in the area.
- Unplug the refrigerator before cleaning and making repairs.
NOTE: We strongly recommend that any servicing be performed by a qualified individual.
- Do not refreeze frozen foods which have thawed completely.
NOTE: Turning the refrigerator off via the controls on the touch panel does not shut off electrical power to the refrigerator.

⚠ DANGER! RISK OF CHILD ENTRAPMENT



PROPER DISPOSAL OF THE REFRIGERATOR

Child entrapment and suffocation are not problems of the past. Junked or abandoned refrigerators are still dangerous...even if they will sit for "just a few days." If you are getting rid of your old refrigerator, please follow the instructions below to help prevent accidents.

Before You Throw Away Your Old Refrigerator or Freezer:

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

Refrigerants

All refrigeration products contain refrigerants, which under federal law must be removed prior to product disposal. If you are getting rid of an old refrigeration product, check with the company handling the disposal about what to do.

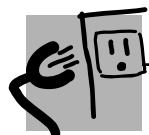


USE OF EXTENSION CORDS

Because of potential safety hazards under certain conditions, we strongly recommend against the use of an extension cord.

However, if you must use an extension cord, it is absolutely necessary that it be a UL-listed (in the United States) or a CSA-listed (in Canada), 3-wire grounding type appliance extension cord having a grounding type plug and outlet and that the electrical rating of the cord be 15 amperes (minimum) and 120 volts.

⚠ WARNING!



HOW TO CONNECT ELECTRICITY

Do not, under any circumstances, cut or remove the third (ground) prong from the power cord. For personal safety, this appliance must be properly grounded.

The power cord of this appliance is equipped with a 3-prong (grounding) plug which mates with a standard 3-prong (grounding) wall outlet to minimize the possibility of electric shock hazard from this appliance.

Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded.

If the outlet is a standard 2-prong outlet, it is your personal responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet.

The refrigerator should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating plate.

This provides the best performance and also prevents overloading house wiring circuits which could cause a fire hazard from overheated wires.

Never unplug your refrigerator by pulling on the power cord. Always grip plug firmly and pull straight out from the outlet.

Repair or replace immediately all power cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either end.

When moving the refrigerator away from the wall, be careful not to roll over or damage the power cord.

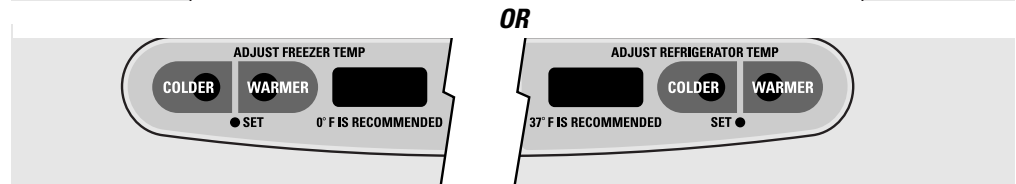
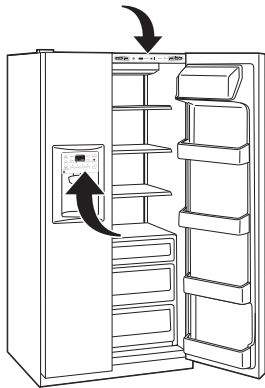
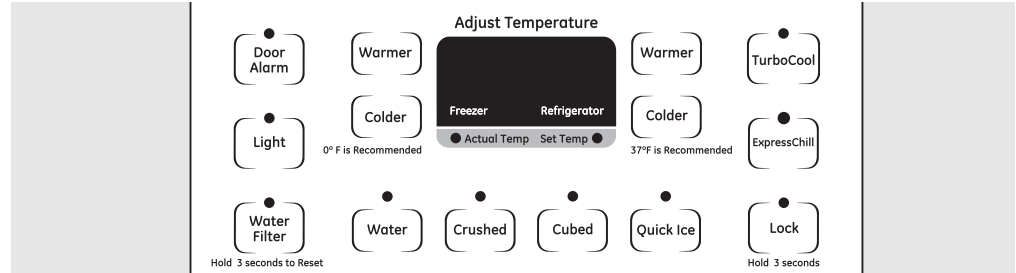


READ AND FOLLOW THIS SAFETY INFORMATION CAREFULLY.

SAVE THESE INSTRUCTIONS

About the temperature controls.

Not all features are on all models. Your controls will look like one of 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

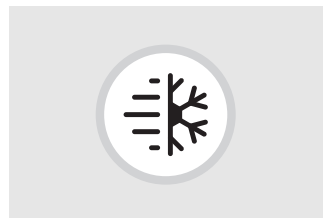
The Performance Air-Flow System is designed to maximize temperature control in the refrigerator and freezer compartments. This unique special feature consists of the Air Tower along the back wall of the refrigerator and the Air Tunnel on the bottom portion of the freezer rear wall. Placing food in front 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, contact us at ge.com or call 800.GE.CARES. In Canada, contact us at geappliances.ca or call 1.800.561.3344.)

About TurboCool.™ (on some models)



OR



How it Works

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

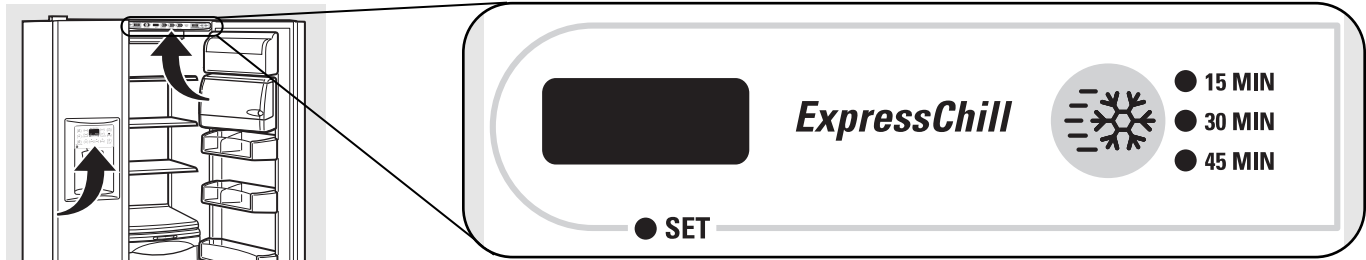
Press **TurboCool**. The **TurboCool** temperature display will show **Tc** and the LED will be activated.

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.

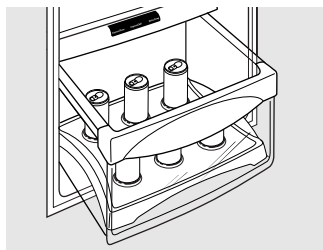


How it Works

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.



ExpressChill™

How to Use

- 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

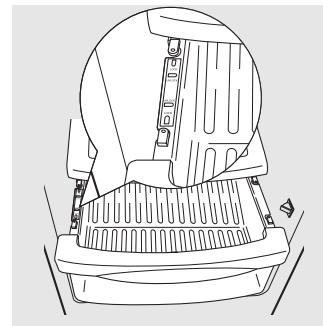
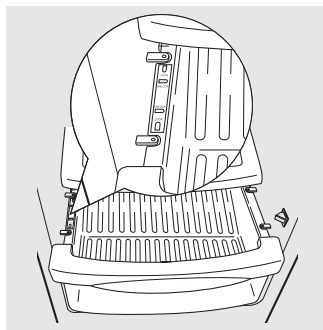
To remove:

- 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

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



15 Minutes	30 Minutes	45 Minutes
■ 1 Beverage Can (12 oz)	■ 2 to 6 Beverage Cans (12 oz each)	■ 2 Liters of Beverage
■ 2 Small Juice Boxes (6–8 oz each)	■ 2 Plastic 20 oz Bottles of Beverage	■ 1/2 Gallon of Juice
	■ 4 to 6 Small Juice Boxes (6–8 oz each)	■ Gelatin—1 package
	■ 3 Foil Juice Packets	
	■ Wine (750 ml bottle)	

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.

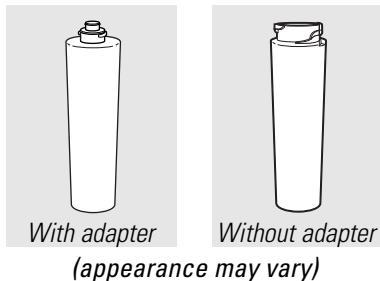
Removing the Filter Cartridge

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

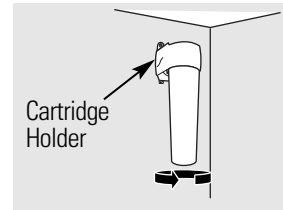
- 1 If you are replacing a *SmartWater* cartridge with an adapter, it must be removed before installing the cartridge. To remove the adapter, turn it to the left about 1/4 turn.

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.

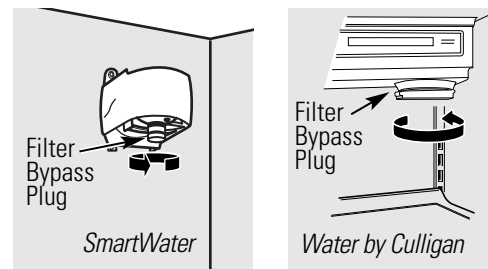


- 6 Run water from the dispenser for 3 minutes (about 1-1/2 gallons) to clear the system and prevent sputtering.
- 7 Press and hold the **WATER FILTER** pad (on some models) on the dispenser for 3 seconds.

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

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.

If you have questions—visit our Website at ge.com, or call 1.800.GE.CARES (1.800.432.2737).

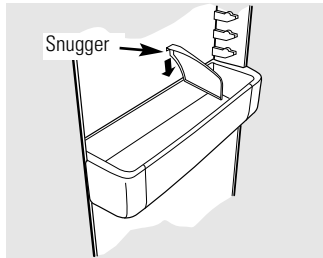
Replacement filters:

To order additional filter cartridges in the United States, visit our Website at ge.com, or call GE Parts and Accessories, 800.626.2002.

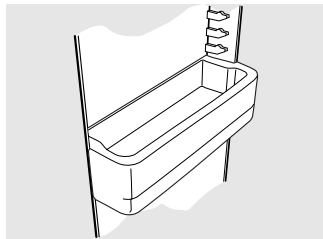
MSWF
Suggested Retail \$36.95–41.95

Customers in Canada should consult the yellow pages for the nearest Mabe Service Center.

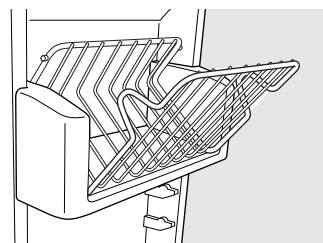
Not all features are on all models.



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.

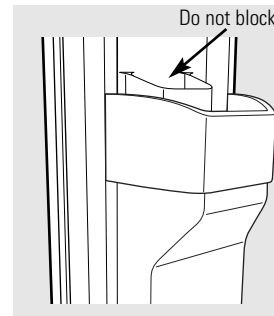
To replace or relocate: Engage the back side of the bin in the molded supports of the door. Then push down on the front of the bin. Bin will lock in place.

Small Bins

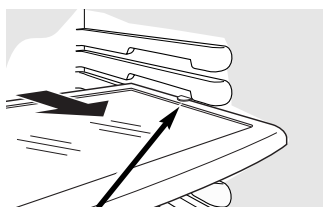
To remove: Lift the front of the bin straight up then out.

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



CAUTION: On models with an ice chute inside the top freezer door bin, be careful when placing items in the bin. Make sure that items do not block or fall into the ice chute.



Press tab and pull shelf forward to remove

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.

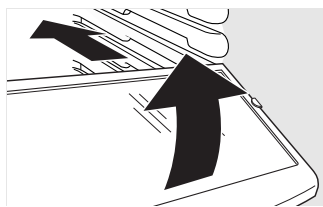
To remove:

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:

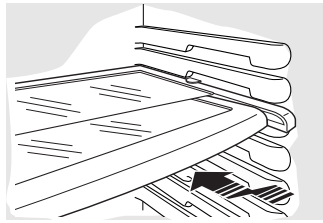
Line the shelf up with the supports and slide it into place. The shelf can be repositioned when the door is at 90° or more. To reposition the shelf, slide the shelf past the stops and angle downward. Slide shelf down to the desired position, line up with the supports and slide into place.

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



About the shelves and bins.

Not all features are on all models.

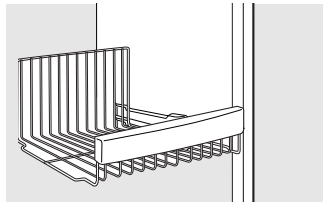


QuickSpace™ Shelf (on some models)

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.

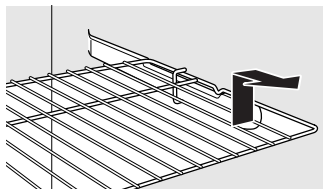
On some models, this shelf can not be used in the lowest position.



Freezer Baskets

To remove, slide out to the **stop** position, lift the front past the stop position, and slide out.

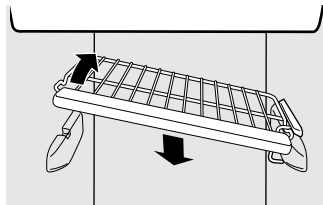
Make sure you push the baskets all the way back in before you close the door.



Slide-Out Freezer Shelves

To remove, slide out to the **stop** position, lift the front past the stop position, and slide out from rib.

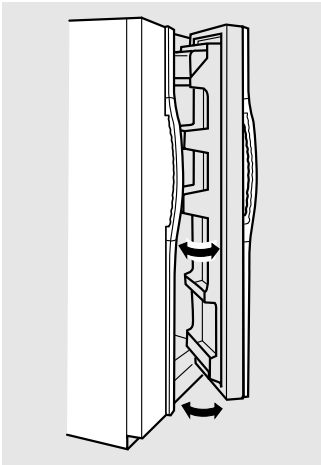
Make sure you push the shelves all the way back in before you close the door.



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.



Refrigerator Doors

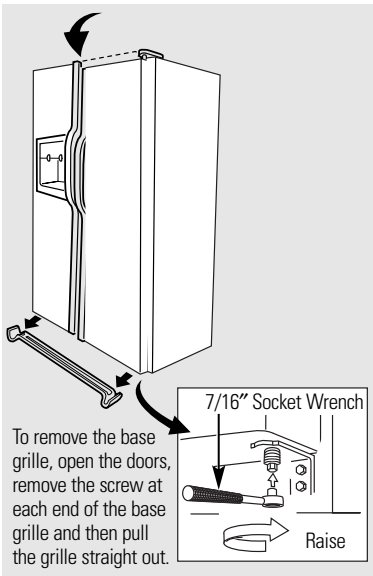
The refrigerator doors may feel different than the ones you are used to. The special door opening/closing feature makes sure the doors close all the way and are securely sealed.

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

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.

When the door is only partially open, it will automatically close.

Beyond this **stop** the door will stay open.



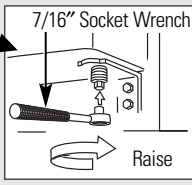
Door Alignment

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.)

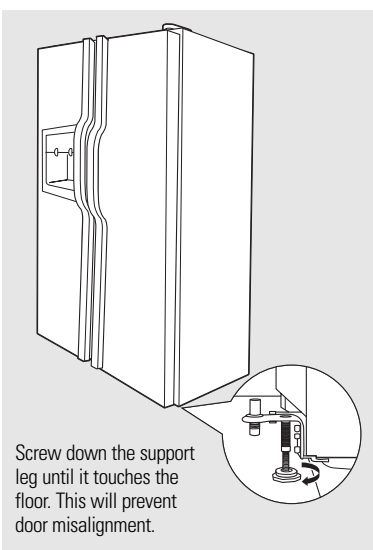
2 After one or two turns of the wrench, open and close the refrigerator door and check the alignment at the top of the doors.

To remove the base grille, open the doors, remove the screw at each end of the base grille and then pull the grille straight out.



Support Leg

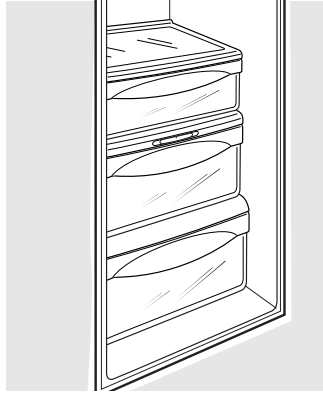
Before moving the refrigerator, you will need to screw up the support leg. Once the unit is relocated, you will need to screw down the support leg again.



Screw down the support leg until it touches the floor. This will prevent door misalignment.

About the crispers and pans.

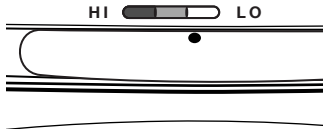
Not all features are on all models.



Fruit and Vegetable Crispers

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

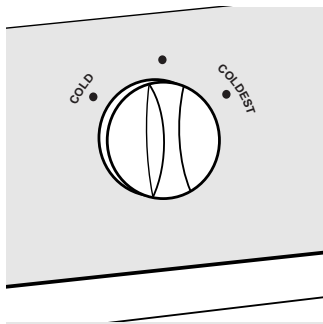
On some models, the bottom drawer has full extension slides that allow full access to the drawer.



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.

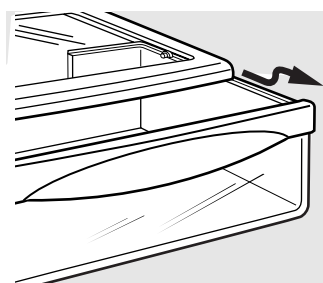
The variable temperature control regulates the air flow from the Climate Keeper.

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

Set the control to **cold** to convert the pan to 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.

Not all features are on all models.



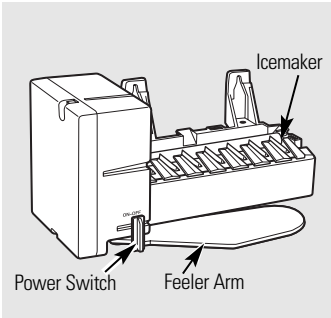
Crisper Removal

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.

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

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.

See below for how to access ice and reach the power switch on dispenser models.

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.

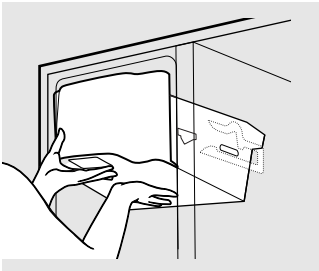
Be sure nothing interferes with the sweep of the feeler arm.

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.

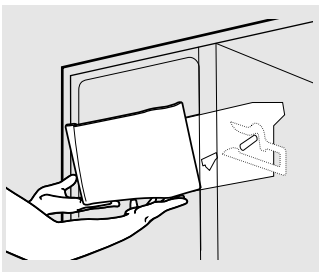
If ice is not used frequently, old ice cubes will become cloudy, taste stale and shrink.

Models without a shelf above the 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 or reach the power switch.

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.

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 about dispenser models without a shelf above the ice bin:

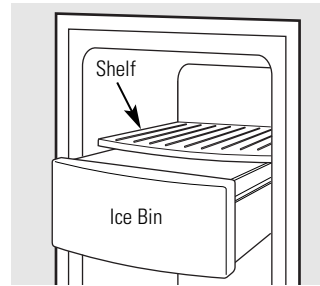
■ These models have a tilt-out ice bin. The bin can be tilted out as shown in the illustrations, and it will hold itself up while you take ice out or turn the icemaker power switch on and off. Be sure to put the bin back in place before closing the door.

■ To restore your ice level from an empty bucket stage, the following steps are recommended:

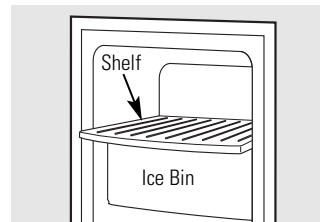
- 1 12 hours after the first batch of ice has fallen into the bin, dispense 3 to 4 cubes.
- 2 After an additional 6 hours, dispense 3 to 4 cubes again.

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

Models with a shelf above the ice bin

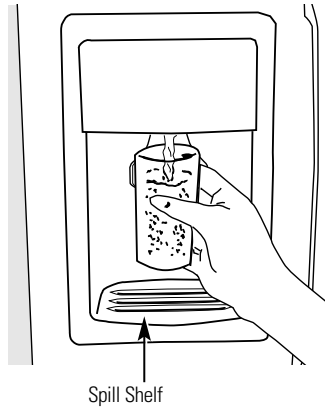


To access ice, pull the bin forward.



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

About the ice and water dispenser. (on some models)



To Use the Dispenser

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

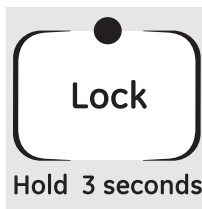
Press the glass gently against the top of the dispenser cradle.

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. If this light burns out, it should be replaced with a 6 watt 12V maximum bulb.

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)



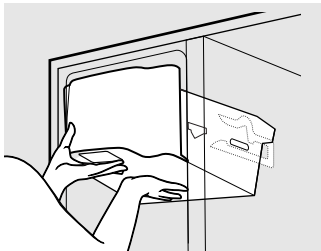
To set the alarm, press this pad until the indicator light comes on. This alarm will sound if either door is open for more than 3 minutes. The light goes out and the beeping stops when you close the door.

Important Facts About Your Dispenser

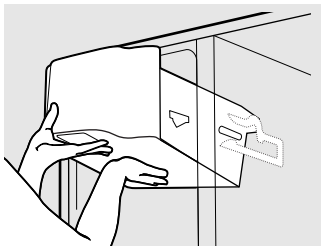
- Do not add ice from trays or bags to the storage drawer. It may not crush or dispense well.
- Avoid overfilling glass with ice and use of narrow glasses. Backed-up ice can jam the chute or cause the door in the chute to freeze shut. If ice is blocking the chute, poke it through with a wooden spoon.
- Beverages and foods should not be quick-chilled 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.

Models without a shelf above the ice bin

To remove:



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



2 Lift and pull forward again to remove the bin.

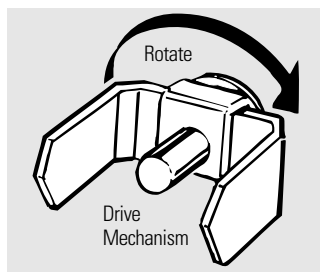
Removing and Replacing the Ice Storage Bin on Dispenser Models

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

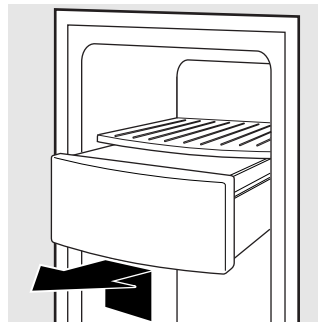
Always set the icemaker power switch to the **OFF** position before removing the ice bin.

When replacing either type of ice bin:

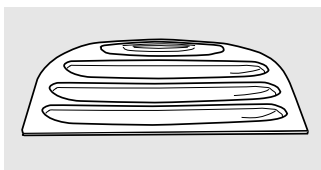
Always be sure to press it firmly into place. If it does not go all the way back, remove it and rotate the drive mechanism 1/4 turn. Then push the bin back again.

**Models with a shelf above the ice bin**

To remove:



Pull the bin straight out, then lift past the **stop** position.

Care and cleaning of the refrigerator.

Dispenser drip area.

Cleaning the Outside

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** 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 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.

Care and cleaning of the refrigerator.

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.

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

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.

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.

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.

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

Preparing to Move

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

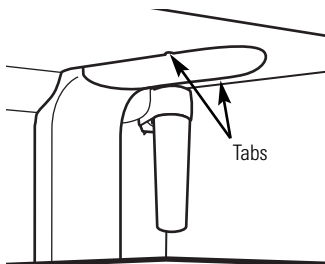
When using a hand truck to move the refrigerator, do not rest the front or back of the refrigerator against the hand truck. This could damage the refrigerator. Handle only from the sides of the refrigerator.

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

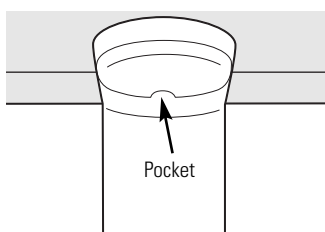
Replacing the light bulbs.

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

Your light shield will look like one of the following:



OR

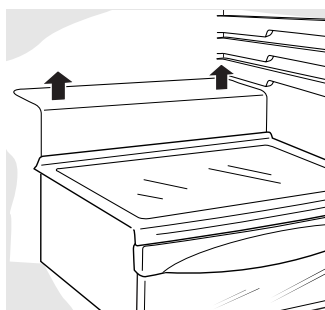


Refrigerator Compartment—Upper Light

- 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.

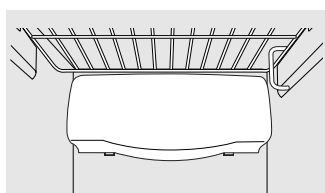
Refrigerator Compartment—Lower Light

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

- 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.



Installation Instructions

Refrigerator

Models 22, 23, 25 & 27

Questions? Call 800.GE.CARES (800.432.2737) or Visit our Website at: ge.com
In Canada, call 1.800.561.3344 or Visit our Website at: www.geappliances.ca

BEFORE YOU BEGIN

Read these instructions completely and carefully.

- **IMPORTANT** — Save these instructions for local inspector's use.
- **IMPORTANT** — Observe all governing codes and ordinances.
- **Note to Installer** – Be sure to leave these instructions with the Consumer.
- **Note to Consumer** – Keep these instructions for future reference.
- **Skill level** – Installation of this appliance requires basic mechanical skills.
- **Completion time** – Refrigerator Installation
30 minutes
Water Line Installation
30 minutes
- Proper installation is the responsibility of the installer.
- Product failure due to improper installation is not covered under the Warranty.

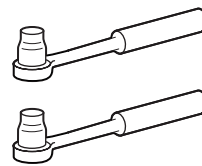
If the refrigerator has already been installed, remove the base grille (see Step 2 in *Moving the Refrigerator*), then skip to Step 5 in *Installing the Refrigerator*.

PREPARATION

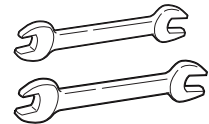
WATER SUPPLY TO THE ICEMAKER

If the refrigerator has an icemaker, it will have to be connected to a cold water line. A GE water supply kit (containing tubing, shutoff valve, fittings and instructions) is available at extra cost from your dealer, by visiting our Website at ge.com (in Canada at www.geappliances.ca) or from Parts and Accessories, 800.626.2002 (in Canada 1.888.661.1616).

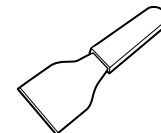
TOOLS YOU WILL NEED



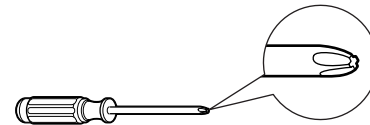
3/8" and 5/16" Socket



1/2" and 7/16" Wrench



Plastic Putty Knife



Phillips Head Screwdriver

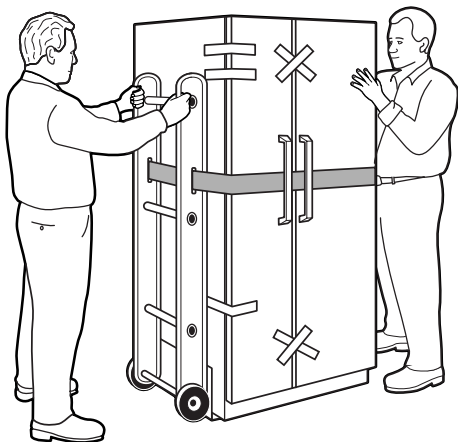
Installation Instructions

MOVING THE REFRIGERATOR

1 LOADING THE REFRIGERATOR ONTO A HAND TRUCK

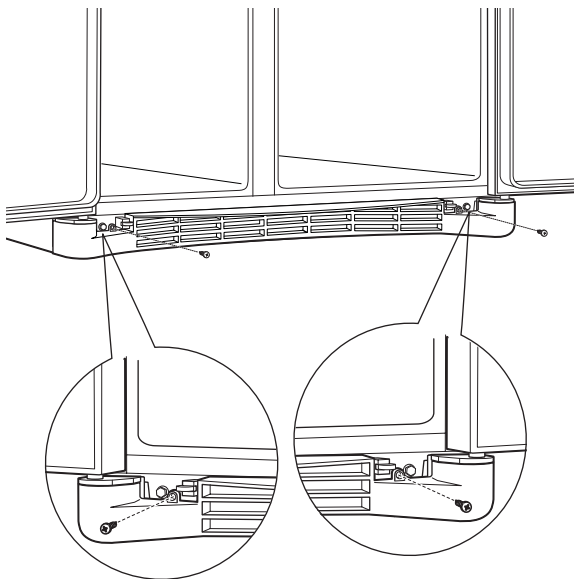
Leave all tape and door pads on doors until the refrigerator is in its final location.

To move the refrigerator, use a padded hand truck. Center the refrigerator on the hand truck and secure the strap around the refrigerator. **DO NOT OVERTIGHTEN THE STRAP.**



2 REMOVE THE BASE GRILLE

Remove the grille by removing the two Phillips head screws.



If the refrigerator must go through any entrance that is less than 38" wide, the doors must be removed. Proceed to Step 3.

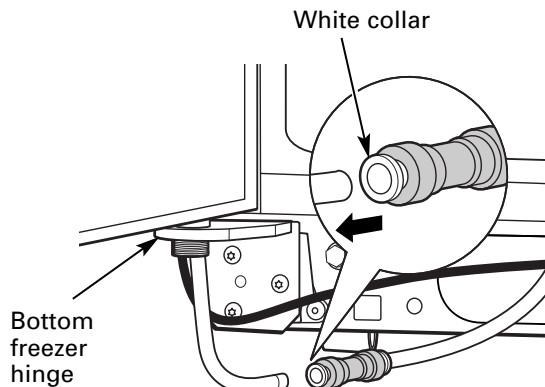
DO NOT remove the handles.

If all entrances are more than 38" wide, skip to *Installing the Refrigerator*.

3 DISCONNECT THE WATER COUPLING (on some models)

If the refrigerator has a water dispenser, there is a water line from the cabinet into the bottom hinge on the freezer door that must be disconnected.

To disconnect, push in on the white collar of the coupling and pull out the tubing.

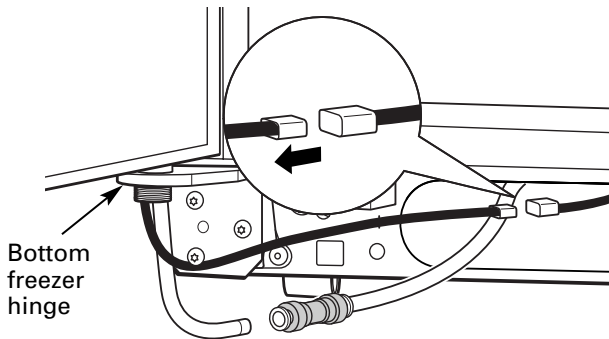


Installation Instructions

MOVING THE REFRIGERATOR (CONT.)

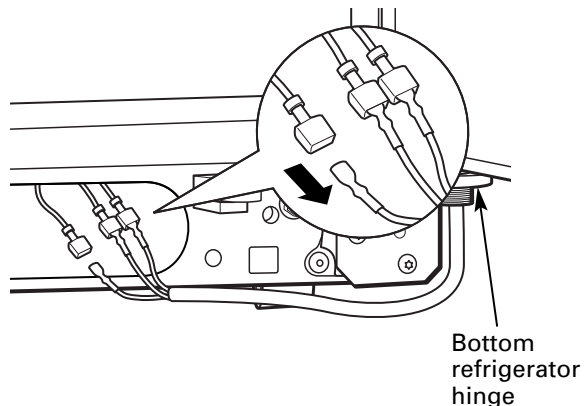
4 DISCONNECT THE POWER COUPLING (on some models)

If the refrigerator has a water dispenser, there is a power line (harness) from the cabinet into the bottom hinge on the freezer door that must be disconnected. To disconnect, pull apart at the coupling.

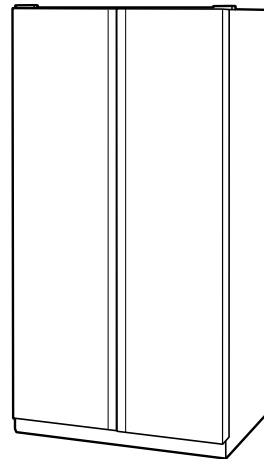


5 DISCONNECT THE ELECTRICAL CONNECTORS (on some models)

If the refrigerator has a refreshment center, there are electrical connectors (harnesses) from the cabinet into the bottom hinge on the refrigerator door that must be disconnected. To disconnect, pull apart each connector.

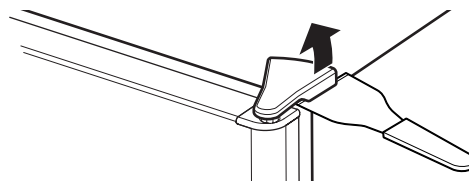


6 CLOSE THE FREEZER AND REFRIGERATOR DOORS

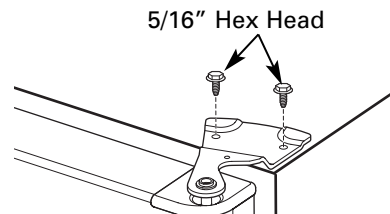


7 REMOVE THE FREEZER DOOR

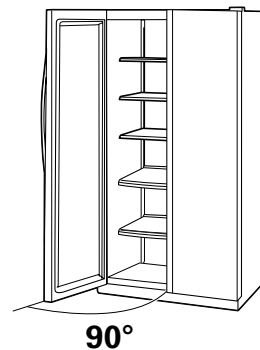
- A** Remove the freezer door top hinge cover by either squeezing it and pulling it up or by prying it off with a plastic putty knife.



- B** Remove the two 5/16" hex head screws, then lift the hinge straight up to free the hinge pin.



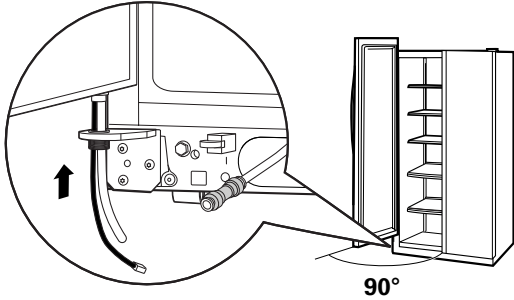
- C** Open the freezer door to 90°.



Installation Instructions

7 REMOVE THE FREEZER DOOR (cont.)

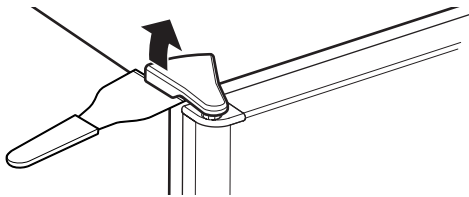
- D** As one person slowly lifts the freezer door up and off the bottom hinge, the second person should carefully guide the water line and power line (harness) through the bottom hinge.



- E** Set the door on a non-scratching surface with the inside up.

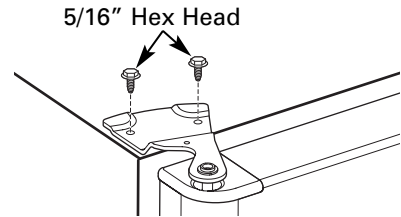
8 REMOVE THE REFRIGERATOR DOOR

- A** Remove the refrigerator door top hinge cover by either squeezing it and pulling it up or by prying it off with a plastic putty knife.

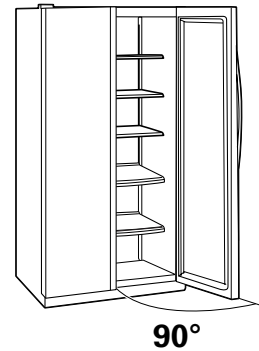


8 REMOVE THE REFRIGERATOR DOOR (cont.)

- B** Remove the two 5/16" hex head screws, then lift the hinge straight up to free the hinge pin.



- C** Open the refrigerator door to 90°.



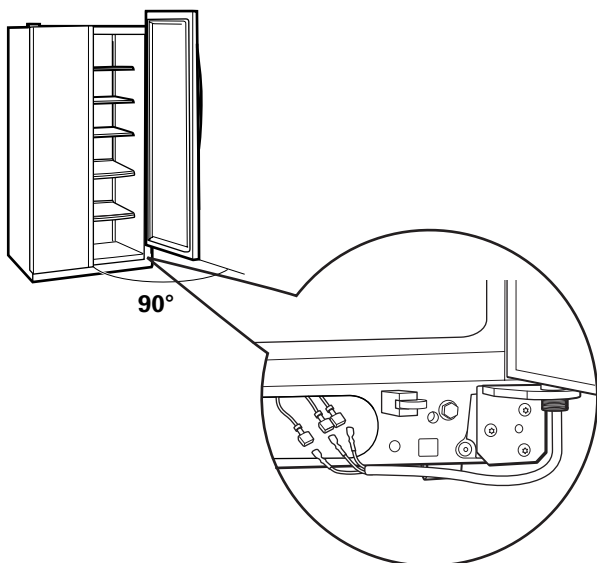
Installation Instructions

MOVING THE REFRIGERATOR (CONT.)

8 REMOVE THE REFRIGERATOR DOOR (cont.)

- D** Lift the refrigerator door up and off the bottom hinge.

If the refrigerator has a refreshment center, one person should slowly lift the door up and off the bottom hinge and the second person should carefully guide the electrical lines (harnesses) through the bottom hinge.



Refreshment Center Models only

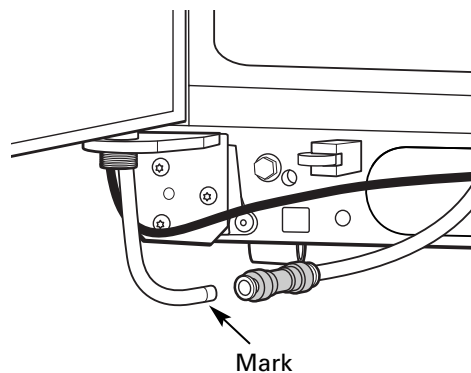
- E** Set the door on a non-scratching surface with the inside up.

9 REPLACING THE DOORS

To replace the doors, simply reverse steps 3 through 8.

However, please note the following:

- When lowering the doors onto the bottom hinges, make sure the second person carefully guides the tube and harnesses through the holes in the hinges.
- When connecting the water line, make sure you insert the tubing all the way to the mark.



- Do not pinch the tubing and harnesses when placing the doors on the bottom hinges.
- When connecting the power line and the electrical lines (refreshment center models only), be sure that the connectors are seated together fully.

INSTALLING THE REFRIGERATOR

REFRIGERATOR LOCATION

- Do not install the refrigerator where the temperature will go below 60°F (16°C) because it will not run often enough to maintain proper temperatures.
- Do not install the refrigerator where the temperature will go above 100°F (37°C) because it will not perform properly.
- Install it on a floor strong enough to support it fully loaded.

CLEARANCES

Allow the following clearances for ease of installation, proper air circulation and plumbing and electrical connections:

Sides	1/8" (4 mm)
Top	1" (25 mm)
Back	1" (25 mm)

Installation Instructions

INSTALLING THE REFRIGERATOR (CONT.)

1 CONNECTING THE REFRIGERATOR TO THE HOUSE WATER LINE (icemaker and dispenser models)

A cold water supply is required for automatic icemaker and dispenser operation. If there is not a cold water supply, you will need to provide one. See "Installing the Water Line" section.

NOTES:

- Before making the connection to the refrigerator, be sure the refrigerator power cord is not plugged into the wall outlet.
- If your refrigerator does not have a water filter, we recommend installing one if your water supply has sand or particles that could clog the screen of the refrigerator's water valve. Install it in the water line near the refrigerator. If using GE SmartConnect™ Refrigerator Tubing Kit, you will need an additional tube (WX08X10002) to connect the filter. Do not cut plastic tube to install filter.

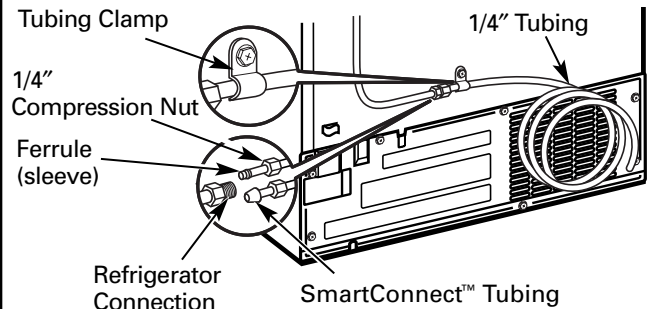
A If you are using copper tubing, place a compression nut and ferrule (sleeve) onto the end of the tubing coming from the house cold water supply.

If you are using the GE SmartConnect™ tubing, the nuts are already assembled to the tubing.

B If you are using copper tubing, insert the end of the tubing into the refrigerator connection, at the back of the refrigerator, as far as possible. While holding the tubing, tighten the fitting.

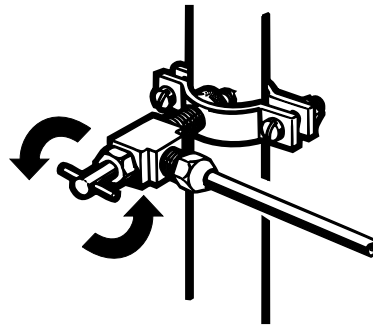
If you are using GE SmartConnect™ tubing, insert the molded end of the tubing into the refrigerator connection, at the back of the refrigerator, and tighten the compression nut until it is hand tight. Then tighten one additional turn with a wrench. Overtightening may cause leaks.

C Fasten the tubing into the clamp provided to hold it in position. You may need to pry open the clamp.



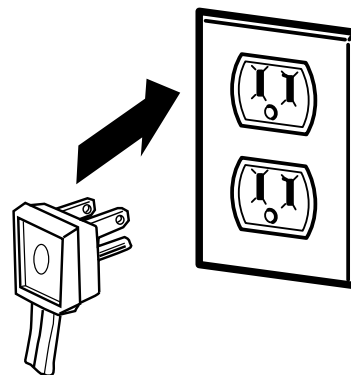
2 TURN ON THE WATER SUPPLY

Turn the water on at the shutoff valve (house water supply) and check for any leaks.



3 PLUG IN THE REFRIGERATOR

Before plugging in the refrigerator, make sure the icemaker power switch is set to the OFF position.



See the grounding information attached to the power cord.

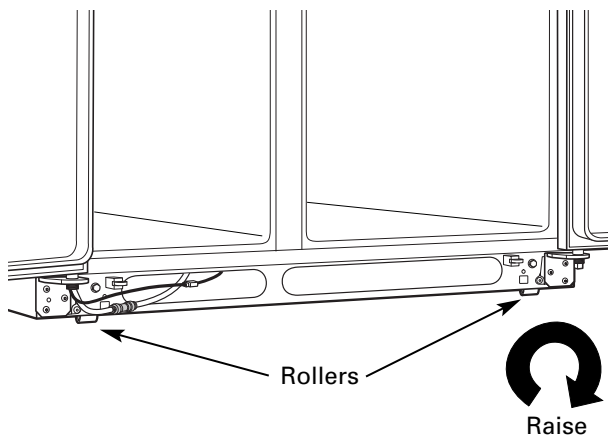
Installation Instructions

4 PUT THE REFRIGERATOR IN PLACE

Move the refrigerator to its final location.

5 LEVEL THE REFRIGERATOR

The refrigerator can be leveled by adjusting the rollers located near the bottom hinges.

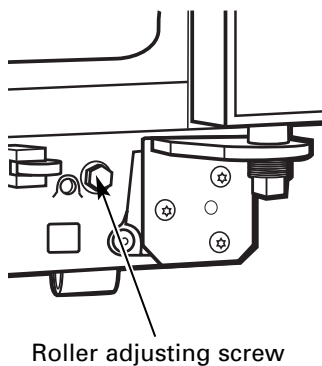


Rollers have three purposes:

- Rollers adjust so the door closes easily when opened about halfway. (Raise the front about 5/8" [16 mm] from the floor.)
- Rollers adjust so the refrigerator is firmly positioned on the floor and does not wobble.
- Rollers allow you to move the refrigerator away from the wall for cleaning.

To adjust the rollers:

- Turn the roller adjusting screws **clockwise to raise** the refrigerator, **counterclockwise to lower** it. Use a 3/8" hex socket or wrench, or an adjustable wrench.



6 LEVEL THE DOORS

Adjust the refrigerator door to make the doors even at the top.

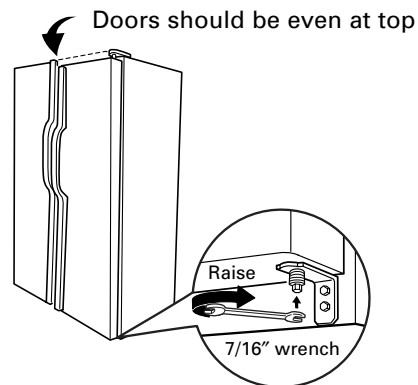
To align:

- A** Using a 7/16" wrench, turn the door adjusting screw to the right to raise the door, to the left to lower it.

NOTE:

A nylon plug, imbedded in the threads of the pin, prevents the pin from turning unless a wrench is used.

- B** After one or two turns of the wrench, open and close the refrigerator door and check the alignment at the top of the doors.

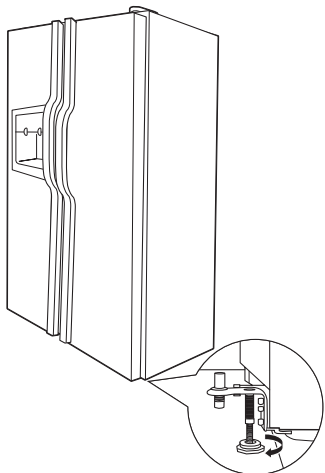


Installation Instructions

INSTALLING THE REFRIGERATOR (CONT.)

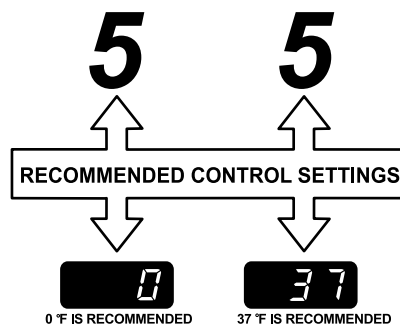
7 SCREW DOWN SUPPORT LEG

Screw down the support leg until it touches the floor. This will prevent door misalignment.



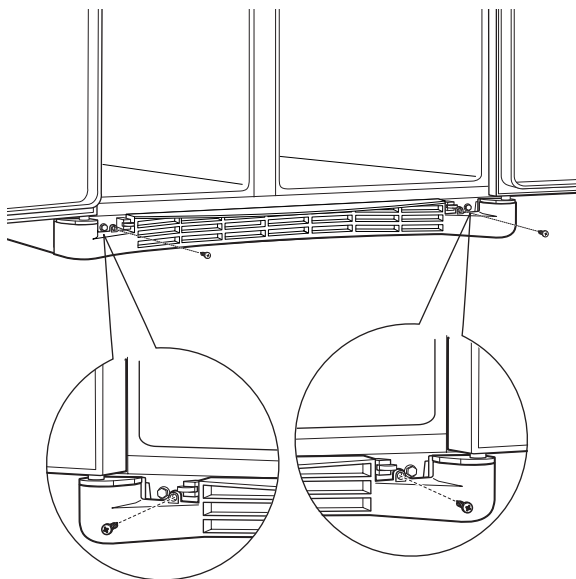
9 SET THE CONTROLS

Set the controls to the recommended setting.



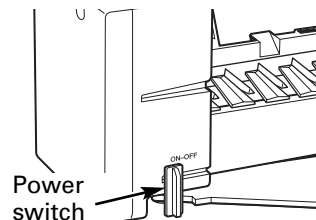
8 REPLACE THE BASE GRILLE

Replace the grille by installing the two Phillips head screws.



10 START THE ICEMAKER

Set the icemaker power switch to the **ON** position. The icemaker will not begin to operate until it reaches its operating temperature of 15°F (-9°C) or below. It will then begin operation automatically. It will take 2-3 days to fill the ice bin.



Installation Instructions

INSTALLING THE WATER LINE (ICEMAKER & DISPENSER MODELS)

BEFORE YOU BEGIN

Recommended copper water supply kits are WX8X2, WX8X3 or WX8X4, depending on the amount of tubing you need. Approved plastic water supply lines are GE SmartConnect™ Refrigerator Tubing (WX08X10002, WX08X10006, WX08X10015 and WX08X10025).

When connecting your refrigerator to a GE Reverse Osmosis Water System, the only approved installation is with a GE RVKit. For other reverse osmosis water systems, follow the manufacturer's recommendations.

If the water supply to the refrigerator is from a Reverse Osmosis Water Filtration System AND the refrigerator also has a water filter, use the refrigerator's filter bypass plug. Using the refrigerator's water filtration cartridge in conjunction with the RO filter can result in hollow ice cubes and slower water flow from the water dispenser.

This water line installation is not warranted by the refrigerator or icemaker manufacturer. Follow these instructions carefully to minimize the risk of expensive water damage. Water hammer (water banging in the pipes) in house plumbing can cause damage to refrigerator parts and lead to water leakage or flooding. Call a qualified plumber to correct water hammer before installing the water supply line to the refrigerator.

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

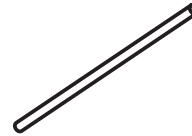
If you use your refrigerator before connecting the water line, make sure the icemaker power switch is in the **OFF** position.

Do not install the icemaker tubing in areas where temperatures fall below freezing.

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

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

WHAT YOU WILL NEED



- **Copper or GE SmartConnect™ Refrigerator Tubing kit**, 1/4" outer diameter to connect the refrigerator to the water supply. If using copper, be sure both ends of the tubing are cut square.

To determine how much tubing you need: measure the distance from the water valve on the back of the refrigerator to the water supply pipe. Be sure there is sufficient extra tubing to allow the refrigerator to move out from the wall after installation.

GE SmartConnect™ Refrigerator Tubing Kits are available in the following lengths:

- 2' (0.6 m) – WX08X10002
- 6' (1.8 m) – WX08X10006
- 15' (4.6 m) – WX08X10015
- 25' (7.6 m) – WX08X10025

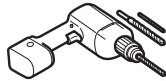
Installation Instructions

INSTALLING THE WATER LINE (CONT.)

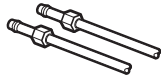
WHAT YOU WILL NEED (CONT.)

NOTE: The only GE approved plastic tubing is that supplied in GE SmartConnect™ Refrigerator Tubing kits. Do not use any other plastic water supply line because the line is under pressure at all times. Certain types of plastic will crack or rupture with age and cause water damage to your home.

- **A GE water supply kit** (containing tubing, shutoff valve and fittings listed below) is available at extra cost from your dealer or from Parts and Accessories, 800.626.2002 (in Canada 1.800.661.1616).
- **A cold water supply.** The water pressure must be between 20 and 120 p.s.i. (1.4–8.1 bar).



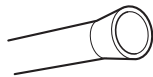
- **Power drill.**
- **1/2" or adjustable wrench.**
- **Straight and Phillips blade screwdriver.**



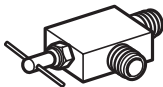
- **Two 1/4" outer diameter compression nuts and 2 ferrules (sleeves)**—to connect the copper tubing to the shutoff valve and the refrigerator water valve.

OR

- If you are using a GE SmartConnect™ Refrigerator Tubing kit, the necessary fittings are preassembled to the tubing.



- If your existing copper water line has a flared fitting at the end, you will need an **adapter** (available at plumbing supply stores) to connect the water line to the refrigerator **OR** you can cut off the flared fitting with a **tube cutter** and then use a compression fitting. Do not cut formed end from GE SmartConnect™ Refrigerator tubing.



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

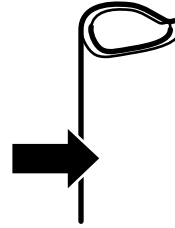
Install the shutoff valve on the nearest frequently used drinking water line.

1 SHUT OFF THE MAIN WATER SUPPLY

Turn on the nearest faucet long enough to clear the line of water.

2 CHOOSE THE VALVE LOCATION

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

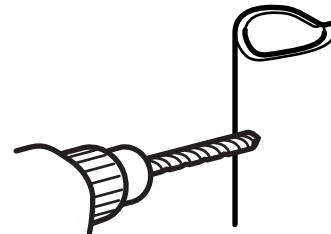


3 DRILL THE HOLE FOR THE VALVE

Drill a 1/4" hole in the water pipe (even if using a self-piercing valve), using a sharp bit. Remove any burrs resulting from drilling the hole in the pipe.

Take care not to allow water to drain into the drill.

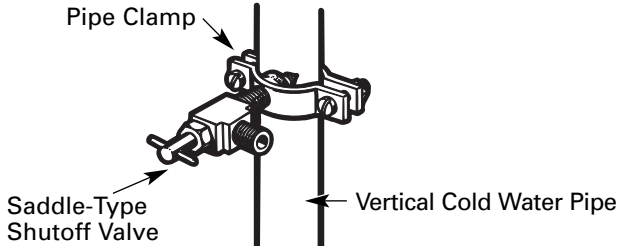
Failure to drill a 1/4" hole may result in reduced ice production or smaller cubes.



Installation Instructions

4 FASTEN THE SHUTOFF VALVE

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

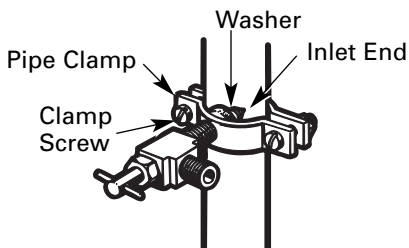


NOTE: Commonwealth of Massachusetts Plumbing Codes 248CMR shall be adhered to. Saddle valves are illegal and use is not permitted in Massachusetts. Consult with your licensed plumber.

5 TIGHTEN THE PIPE CLAMP

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

NOTE: Do not overtighten or you may crush the tubing.



6 ROUTE THE TUBING

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

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

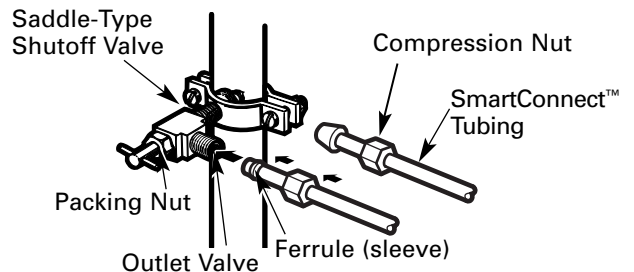
NOTE: Be sure there is sufficient extra tubing to allow the refrigerator to move out from the wall after installation.

7 CONNECT THE TUBING TO THE VALVE

Place the compression nut and ferrule (sleeve) for copper tubing onto the end of the tubing and connect it to the shutoff valve.

Make sure the tubing is fully inserted into the valve. Tighten the compression nut securely.

For plastic tubing from a GE SmartConnect™ Refrigerator Tubing kit, insert the molded end of the tubing into the shutoff valve and tighten compression nut until it is hand tight, then tighten one additional turn with a wrench. Overtightening may cause leaks.



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

8 FLUSH OUT THE TUBING

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

Shut the water off at the water valve after about one quart (1 liter) of water has been flushed through the tubing.



To complete the installation of the refrigerator, go back to Step 1 in *Installing the Refrigerator*.

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.



- 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 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.

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.



For additional information on normal icemaker and dispenser operating sounds, see the **About the automatic icemaker** and **About the ice and water dispenser** sections.



Troubleshooting Tips
 Save time and money! Review the charts on the following pages first and you may not need to call for service.

Problem	Possible Causes	What To Do
Refrigerator does not operate	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.
	Refrigerator is in showroom mode.	• Unplug the refrigerator and plug it back in.
Vibration or rattling (slight vibration is normal)	Rollers need adjusting.	• See <i>Rollers</i> .
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 <i>About the controls</i> .
Refrigerator or freezer compartment too warm	Temperature control not set cold enough.	• See <i>About the controls</i> .
	Warm weather or frequent door openings.	• Set the temperature control one step colder. See <i>About the controls</i> .
	Door left open.	• Check to see if package is holding door open.
Frost or ice crystals on frozen food (frost within package is normal)	Door left open.	• Check to see if package is holding door open.
	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	Icemaker power switch is in the OFF position.	• Set the power switch to the ON position.
	Water supply turned off or not connected.	• See <i>Installing the water line</i> .
	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.	• Turn off the icemaker, remove cubes, and turn the icemaker back on.



Before you call for service...

<i>Problem</i>	<i>Possible Causes</i>	<i>What To Do</i>
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 <i>Care and cleaning</i> .
Small or hollow cubes	Water filter clogged.	• Replace filter cartridge with new cartridge or with plug.
Slow ice cube freezing	Door left open.	• Check to see if package is holding door open.
	Temperature control not set cold enough.	• See <i>About the controls</i> .
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.
	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.	• 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 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 <i>Installing the water line</i> .
	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.
Water spurting from dispenser (on some models)	Newly-installed filter cartridge.	• Run water from the dispenser for 3 minutes (about one and a half gallons).
Water is not dispensed (on some models) but icemaker is working	Water in reservoir is frozen.	• Call for service.
	Refrigerator control setting is too cold.	• Set to a warmer setting.

Problem	Possible Causes	What To Do
No water or ice cube production	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.
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.
Refrigerator has odor	Foods transmitting odor to refrigerator.	• Foods with strong odors should be tightly wrapped. • Keep an open box of baking soda in the refrigerator; replace every three months.
	Interior needs cleaning.	• See <i>Care and cleaning</i> .
Moisture forms on outside of refrigerator	Not unusual during periods of high humidity.	• Wipe surface dry.
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.	• Replace fuse or reset the breaker.
	Light bulb burned out.	• See <i>Replacing the light bulbs</i> .
Water on kitchen floor or on bottom of freezer	Cubes jammed in chute.	• Poke ice through with a wooden spoon.
Hot air from bottom of refrigerator	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.	
Refrigerator never shuts off but the temperatures are OK	Adaptive defrost keeps compressor running during door openings.	• This is normal. The refrigerator will cycle off after the door remains closed for 2 hours.
Refrigerator is beeping	Door is open.	• Close door.
Door not closing properly	Door gasket on hinge side sticking or folding over.	• Apply paraffin wax to the face of the gasket.
Actual temperature not equal to Set temperature	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.

Performance Data Sheet
SmartWater Filtration System
MSWF Cartridge

This system has been tested according to NSF/ANSI 42/53 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42/53.*

(100% safety factors built in for unmetered usage)

Standard No. 42: Aesthetic Effects							
Parameter	USEPA MCL	Influent Challenge Concentration	Effluent		% Reduction		Min. Required Reduction
			Average	Maximum	Average	Minimum	
Chlorine	—	2.0 mg/L ± 10%	0.06 mg/L	0.10 mg/L	97%	95.1%	≥ 50%
Particulate**	—	at least 10,000 particles/mL	408,333	670,000	95.5%	89.4%	≥ 85%

Standard No. 53: Health Effects							
Parameter	USEPA MCL	Influent Challenge Concentration	Effluent		% Reduction		Max. Permissible Product Water Concentration mg/L
			Average	Maximum	Average	Minimum	
Turbidity	1 NTU***	11 ± 1 NTU***	0.38 NTU	0.5 NTU	96.5%	95.4%	0.5 NTU
Cysts	99.95% Reduction	Minimum 50,000 L	< 1 #/L	4 #/L	> 99.99%	> 99.99%	99.95%
Lead at pH 6.5	0.010 mg/L	0.15 mg/L ± 10%	< 1 ppb	< 1 ppb	99.3%	99.3%	0.010 mg/L
Lead at pH 8.5	0.010 mg/L	0.15 mg/L ± 10%	3.1 ppb	9.0 ppb	98.0%	95.5%	0.010 mg/L
Mercury at pH 6.5	0.002 mg/L	0.006 mg/L ± 10%	0.34 ppb	0.7 ppb	94.1%	89.6%	0.002 mg/L
Mercury at pH 8.5	0.002 mg/L	0.006 mg/L ± 10%	0.66 ppb	1.5 ppb	88.4%	73.7%	0.002 mg/L
Lindane	0.0002 mg/L	0.002 mg/L ± 10%	< 0.02 ppb	< 0.02 ppb	> 99.0%	> 99.0%	0.0002 mg/L
Atrazine	0.003 mg/L	0.009 mg/L ± 10%	< 0.5 ppb	< 0.5 ppb	> 93.9%	> 94.3%	0.003 mg/L
2,4-D	0.070 mg/L	0.210 mg/L ± 10%	7.7 ppb	35 ppb	96.0%	82.0%	0.070 mg/L
Toxaphene	0.003 mg/L	0.015 mg/L ± 10%	< 1 ppb	< 1 ppb	> 92.9%	> 92.9%	0.003 mg/L
Benzene	0.005 mg/L	0.015 mg/L ± 10%	< 0.5 ppb	< 0.5 ppb	> 96.8%	> 97.0%	0.005 mg/L
Carbofuran	0.040 mg/L	0.080 mg/L ± 10%	< 1 ppb	< 1 ppb	> 98.7%	> 98.7%	0.04 mg/L
P-Dichlorobenzene	0.075 mg/L	0.225 mg/L ± 10%	< 0.5 ppb	< 0.5 ppb	> 99.7%	> 99.8%	0.075 mg/L
Asbestos	99% Reduction	10 ⁷ to 10 ⁸ fibers/L; fibers > 10µm in length	< 0.17 MF/L	< 0.17 MF/L	> 99%	> 99%	99%

* Tested using pressure of 60 psig; pH of 7.5 ± 0.5; temp. of 68° ± 5°F (20° ± 2.5°C)

** Measurement in Particles/ml. Particles used were 0.5-1 microns

*** NTU=Nephelometric Turbidity Units

Operating Specifications

- Capacity: certified for up to 300 gallons (1135 l); up to six months for models without a replacement filter indicator light; up to one year for models with a replacement filter indicator light
- Pressure requirement: 20–120 psi (1.4–8.2 bar), non-shock
- Temperature: 33–100°F (0.6–38°C)
- Flow rate: 0.89 gpm (3.4 lpm)

General Installation/Operation/Maintenance Requirements

- Flush new cartridge at full flow for 5 minutes to purge out trapped air.
- Replace cartridge when flow becomes too slow.

Special Notices

- Installation instructions, parts and service availability, and standard warranty are included with the product when shipped.
- This drinking water system must be maintained according to manufacturer’s instructions, including replacement of filter cartridges.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.
- The contaminants or other substances removed or reduced by this water treatment system are not necessarily in your water.
- Check for compliance with the state and local laws and regulations.
- Note that while the testing was performed under standard laboratory conditions, actual performance may vary. Systems must be installed and operated in accordance with manufacturer’s recommended procedures and guidelines.

System Tested and Certified by NSF International against NSF/ANSI Standard 42 & 53 for the reduction of:
Standard No. 42: Aesthetic Effects
Chemical Unit Taste and Odor Reduction Chlorine Reduction
Mechanical Filtration Unit Nominal Particulate Reduction, Class I
Standard No. 53: Health Effects
Chemical Unit Lead, Mercury and Atrazine Reduction Lindane, Toxaphene and 2,4-D Reduction Benzene, Carbofuran and P-Dichlorobenzene Reduction
Mechanical Filtration Unit Turbidity Reduction, Cyst Reduction, Asbestos Reduction



GE Service Protection Plus™

GE, a name recognized worldwide for quality and dependability together with Assurant Solutions, offers you Service Protection Plus™—comprehensive protection on your appliances.*

Benefits Include:

- Prompt, reliable service from GE Authorized Servicers
- Convenient hours designed to suit your busy schedule
- Quality replacement parts
- The dependability of GE, a name recognized and trusted worldwide
- Ask about our interest-free payment plans

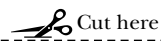
With Service Protection Plus you can expect:

- An extended service plan that limits unexpected repair bills
- Service coverage for most major brands
- Unlimited service calls for the length of your contract, or credit toward a replacement product
- Service coverage for covered operating parts and labor on appliances and home electronics that fail during normal single family household use
- Your satisfaction is our goal. We strive to provide you with excellent service in a professional and timely manner.

Place your confidence in GE and call us in the U.S. toll-free at **1.800.626.2224** for more information.

*Most brands covered up to 15 years old in the continental U.S.

SPP is a trademark of General Electric Company.



Please place in envelope and mail to:

General Electric Company
Warranty Registration Department
P.O. Box 32150
Louisville, KY 40232-2150

Consumer Product Ownership Registration

Dear Customer:

Thank you for purchasing our product and thank you for placing your confidence in us. We are proud to have you as a customer!

Follow these three steps to protect your new appliance investment:

1

Complete and mail your **Consumer Product Ownership Registration** today. Have the peace of mind of knowing we can contact you in the unlikely event of a safety modification.

2

After mailing the registration below, store this document in a safe place. It contains information you will need should you require service. Our service number is 800.GE.CARES (800.432.2737).


3

Read your Owner's Manual carefully. It will help you operate your new appliance properly.

Model Number

Serial Number

Important: If you did not get a registration card with your product, detach and return the form below to ensure that your product is registered, or register online at ge.com.

 Cut here

Consumer Product Ownership Registration



Model Number

Serial Number

Mr. Ms. Mrs. Miss

First Name

Last Name

Street Address

Apt. #

E-mail Address*

City

State

Zip Code

Date Placed In Use
Month

Day

Year

Phone Number --



GE Consumer & Industrial Appliances
General Electric Company
Louisville, KY 40225
ge.com

* Please provide your e-mail address to receive, via e-mail, discounts, special offers and other important communications from GE Appliances (GEA).
 Check here if you do not want to receive communications from GEA's carefully selected partners.

FAILURE TO COMPLETE AND RETURN THIS CARD DOES NOT DIMINISH YOUR WARRANTY RIGHTS.

For information about GEA's privacy and data usage policy, go to ge.com and click on "Privacy Policy" or call 800.626.2224.

Please place in envelope and mail to:
Veuillez mettre dans une enveloppe et envoyez à :

**OWNERSHIP REGISTRATION
P.O. BOX 1780
MISSISSAUGA, ONTARIO
L4Y 4G1**

(FOR CANADIAN CONSUMERS ONLY)



For Canadian
Customers



Pour les
Consommateurs
Canadiens

CUT ALONG THIS LINE AND RETURN CARD—THANKS

OWNERSHIP REGISTRATION CERTIFICATE – FICHE D'INSCRIPTION DU PROPRIÉTAIRE

Please register your product to enable us to contact you in the remote event a safety notice is issued for this product and to allow for efficient communication under the terms of your warranty, should the need arise.

Veillez enregistrer votre produit afin de nous permettre de communiquer avec vous si jamais un avis de sécurité concernant ce produit était émis et de communiquer facilement avec vous en vertu de votre garantie, si le besoin s'en fait sentir.

REGISTER ON-LINE: www.geappliances.ca		MAIL TO: P.O. BOX 1780, MISSISSAUGA	
ENREGISTREMENT SUR INTERNET À: www.electromenagersge.ca		POSTER À: ONTARIO, L4Y 4G1	
<input type="checkbox"/> MR./M	<input type="checkbox"/> MRS./MME.	FIRST NAME / PRÉNOM	LAST NAME / NOM
<input type="checkbox"/> MISS/MILLE.	<input type="checkbox"/> MS.		
STREET NO./N° RUE	STREET NAME/RUE	APT. NO./APP./RR#	
CITY/VILLE		PROVINCE	POSTAL CODE/POSTAL
AREA CODE/IND. RÉG.	TELEPHONE	E-MAIL	
DID YOU PURCHASE A SERVICE CONTRACT FOR THIS APPLIANCE? AVEZ-VOUS ACHETÉ UN CONTRAT DE SERVICE POUR CET APPAREIL ?		YES/OUI <input type="checkbox"/> NO/NON <input type="checkbox"/>	IF YES/SI OUI: EXPIRATION Y/A M D/J
NAME OF SELLING DEALER/NOM DU MARCHAND		MODEL/MODÈLE	
INSTALLATION DATE/DATE D'INSTALLATION Y/A M D/J	CORRESPONDENCE CORRESPONDANCE	<input type="checkbox"/> ENGLISH <input type="checkbox"/> FRANÇAIS	SERIAL/SÉRIE
<input type="checkbox"/> I do not wish to receive any promotional offers regarding this product. <input type="checkbox"/> Je ne désire pas recevoir d'offres promotionnelles concernant ce produit.			

State of California
Department of Health Services
Water Treatment Device
Certificate Number

06 - 1834

Date Issued: December 6, 2006

Trademark/Model Designation

GE MSWF

Replacement Elements

MSWF

Manufacturer: General Electric Company

The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 116830 of the Health and Safety Code for the following health related contaminants:

Microbiological Contaminants and Turbidity

Cysts
Turbidity

Inorganic/Radiological Contaminants

Asbestos
Lead
Mercury

Organic Contaminants

Atrazine
Benzene
Carbofluran
Lindane
p-Dichlorobenzene
Toxaphene
2, 4-D

Rated Service Capacity: 300 gals

Rated Service Flow: 0.90 gpm

Conditions of Certification:

Do not use where water is microbiologically unsafe or with water of unknown quality, except that systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

For Purchases Made In Iowa: This form must be signed and dated by the buyer and seller prior to the consummation of this sale. This form should be retained on file by the seller for a minimum of two years.

BUYER:

Name

Address

City State Zip

Signature Date

SELLER:

Name

Address

City State Zip

Signature Date

CUSTOMER WARRANTY

(for customers in Canada)

Your refrigerator is warranted to be free of defects in material and workmanship.

What is covered	How Long Warranted (From Date of Sale)	Parts Repair or Replace at Mabe's Option	Labour
Compressor	GE Profile: Ten (10) Years GE and All Other Brands: One (1) Year	GE Profile: Ten (10) Years GE and All Other Brands: One (1) Year	GE Profile: Five (5) Years GE and All Other Brands: One (1) Year
Sealed System (including evaporator, condenser tubing and refrigerant)	GE Profile: Five (5) Years GE and All Other Brands: One (1) Year	GE Profile: Five (5) Years GE and All Other Brands: One (1) Year	GE Profile: Five (5) Years GE and All Other Brands: One (1) Year
All Other Parts	One (1) Year	One (1) Year	One (1) Year

TERMS AND CONDITIONS:

This warranty applies only for single family domestic use in Canada when the Refrigerator has been properly installed according to the instructions supplied by Mabe and is connected to an adequate and proper utility service.

Damage due to abuse, accident, commercial use, and alteration or defacing of the serial plate cancels all obligations of this warranty.

Service during this warranty period must be performed by an Authorized Mabe Service Agent.

Neither Mabe nor the Dealer is liable for any claims or damages resulting from failure of the Refrigerator or from service delays beyond their reasonable control.

To obtain warranty service, purchaser must present the original Bill of Sale. Components repaired or replaced are warranted through the remainder of the original warranty period only.

This warranty is extended to the original purchaser and any succeeding owner for products purchased for home use within Canada. In home warranty service will be provided in areas where it is available and deemed reasonable by Mabe to provide.

This warranty is in addition to any statutory warranty.

WHAT IS NOT COVERED:

- Owner is responsible to pay for service calls related to product installation and/or teaching how to use the product.
- Damage to finish must be reported within 48 hours following the delivery of the appliance.
- Damage to finish after delivery.
- Improper installation—proper installation includes adequate air circulation to the refrigeration system, adequate electrical, plumbing and other connecting facilities.
- Replacement of house fuses or resetting of circuit breakers.
- Replacement of light bulbs.
- Damage to product caused by accident, fire, floods or acts of God.
- Loss of food due to spoilage.
- Proper use and care of product as listed in the owner's manual, proper setting of controls.
- Product not accessible to provide required service.
- **WARRANTOR IS NOT RESPONSIBLE FOR CONSEQUENTIAL DAMAGES.**

EXCLUSION OF IMPLIED WARRANTIES—Your sole and exclusive remedy is product repair as provided in this Limited Warranty. Any implied warranties, including the implied warranties of merchantability or fitness for a particular purpose, are limited to one year or the shortest period allowed by law.

IMPORTANT

Keep this warranty and your bill of sale as proof of original purchase and purchase date. Please have serial number and model number available when calling for service.

Mabe Service is available coast to coast. If further help is needed concerning this warranty, contact:

Manager, Consumer Relations
Mabe Canada Inc., Consumer Service
1 Factory Lane, Suite 310
Moncton, New Brunswick E1C 9M3
1.800.561.3344

*Staple your receipt here.
Proof of the original purchase
date is needed to obtain service
under the warranty.*

Refrigerator Warranty. (For customers in the United States)



All warranty service provided by our Factory Service Centers, or an authorized Customer Care® technician. To schedule service, on-line, visit us at ge.com, or call 800.GE.CARES (800.432.2737). Please have serial number and model number available when calling for service.

Staple your receipt here.
Proof of the original purchase date is needed to obtain service under the warranty.

For The Period Of: GE Will Replace:

GE and GE PROFILE MODELS:

One Year

From the date of the original purchase

Any part of the refrigerator which fails due to a defect in materials or workmanship. During this **limited one-year warranty**, GE will also provide, **free of charge**, all labor and related service to replace the defective part.

Thirty Days

(Water filter, if included)
From the original purchase date of the refrigerator

Any part of the water filter cartridge which fails due to a defect in materials or workmanship. During this **limited thirty-day warranty**, GE will also provide, **free of charge**, a replacement water filter cartridge.

GE PROFILE MODELS ONLY:

Five Years

(GE Profile models only)
From the date of the original purchase

Any part of the sealed refrigerating system (the compressor, condenser, evaporator and all connecting tubing) which fails due to a defect in materials or workmanship. During this **limited five-year sealed refrigerating system warranty**, GE will also provide, **free of charge**, all labor and related service to replace the defective part in the sealed refrigerating system.

What GE Will Not Cover:

- Service trips to your home to teach you how to use the product.
- Improper installation, delivery or maintenance.
- Failure of the product if it is abused, misused, or used for other than the intended purpose or used commercially.
- Loss of food due to spoilage.
- Replacement of house fuses or resetting of circuit breakers.
- Damage caused after delivery.
- Replacement of the water filter cartridge, if included, due to water pressure that is outside the specified operating range or due to excessive sediment in the water supply.
- Replacement of the light bulbs, if included, or water filter cartridge, if included, other than as noted above.
- Damage to the product caused by accident, fire, floods or acts of God.
- Incidental or consequential damage caused by possible defects with this appliance.
- Product not accessible to provide required service.

EXCLUSION OF IMPLIED WARRANTIES—Your sole and exclusive remedy is product repair as provided in this Limited Warranty. Any implied warranties, including the implied warranties of merchantability or fitness for a particular purpose, are limited to one year or the shortest period allowed by law.

This warranty is extended to the original purchaser and any succeeding owner for products purchased for home use within the USA. If the product is located in an area where service by a GE Authorized Servicer is not available, you may be responsible for a trip charge or you may be required to bring the product to an Authorized GE Service location for service. In Alaska, the warranty excludes the cost of shipping or service calls to your home.

Some states do not allow the exclusion or limitation of incidental or consequential damages. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. To know what your legal rights are, consult your local or state consumer affairs office or your state's Attorney General.

Warrantor: General Electric Company, Louisville, KY 40225

Safety Instructions

Operating Instructions

Installation Instructions

Troubleshooting Tips

Consumer Support

Consumer Support.



GE Appliances Website

In the U.S.: **ge.com**

Have a question or need assistance with your appliance? Try the GE Appliances Website 24 hours a day, any day of the year! For greater convenience and faster service, you can now download Owner's Manuals, order parts or even schedule service on-line. **In Canada: www.geappliances.ca**



Schedule Service

In the U.S.: **ge.com**

Expert GE repair service is only one step away from your door. Get on-line and schedule your service at your convenience any day of the year! Or call 800.GE.CARES (800.432.2737) during normal business hours.

In Canada, call 1.800.561.3344



Real Life Design Studio

In the U.S.: **ge.com**

GE supports the Universal Design concept—products, services and environments that can be used by people of all ages, sizes and capabilities. We recognize the need to design for a wide range of physical and mental abilities and impairments. For details of GE's Universal Design applications, including kitchen design ideas for people with disabilities, check out our Website today. For the hearing impaired, please call 800.TDD.GEAC (800.833.4322).

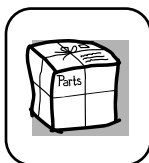
In Canada, contact: Manager, Consumer Relations, Mabe Canada, Inc.
Suite 310, 1 Factory Lane
Moncton, N.B. E1C 9M3



Extended Warranties

In the U.S.: **ge.com**

Purchase a GE extended warranty and learn about special discounts that are available while your warranty is still in effect. You can purchase it on-line anytime, or call 800.626.2224 during normal business hours. GE Consumer Home Services will still be there after your warranty expires. **In Canada, call 1.888.261.2133**



Parts and Accessories

In the U.S.: **ge.com**

Individuals qualified to service their own appliances can have parts or accessories sent directly to their homes (VISA, MasterCard and Discover cards are accepted). Order on-line today, 24 hours every day or by phone at 800.626.2002 during normal business hours.

Instructions contained in this manual cover procedures to be performed by any user. Other servicing generally should be referred to qualified service personnel. Caution must be exercised, since improper servicing may cause unsafe operation.

Customers **in Canada** should consult the yellow pages for the nearest Mabe service center, or call 1.800.661.1616.



Contact Us

In the U.S.: **ge.com**

If you are not satisfied with the service you receive from GE, contact us on our Website with all the details including your phone number, or write to:

General Manager, Customer Relations
GE Appliances, Appliance Park
Louisville, KY 40225

In Canada: www.geappliances.ca, or write to: Director, Consumer Relations, Mabe Canada, Inc.
Suite 310, 1 Factory Lane
Moncton, N.B. E1C 9M3



Register Your Appliance

In the U.S.: **ge.com**

Register your new appliance on-line—at your convenience! Timely product registration will allow for enhanced communication and prompt service under the terms of your warranty, should the need arise. You may also mail in the pre-printed registration card included in the packing material.

In Canada: www.geappliances.ca