

QUICK USE & CARE



GE Appliances

Bottom Freezer Refrigerators

SAFETY

IMPORTANT SAFETY INFORMATION READ ALL INSTRUCTIONS BEFORE USING



GE Appliances website: To access the full Owner's Manual and for more information on your refrigerator's operation, visit www.GEAppliances.com (Canada GEAppliances.ca) and search for the model number. This information is also available by scanning the QR code located on the rating plate (silver label on the top-left wall of the refrigerator compartment).

REFRIGERATOR SAFETY INFORMATION

! This is the safety alert symbol. This symbol alerts you to potential hazards that can kill or hurt you and others. All safety messages will follow the safety alert symbol and the word "DANGER", "WARNING", or "CAUTION". These words are defined as:

! DANGER Indicates a hazardous situation which, if not avoided, **will** result in death or serious injury.

! WARNING Indicates a hazardous situation which, if not avoided, **could** result in death or serious injury.

! CAUTION Indicates a hazardous situation which, if not avoided, **could** result in minor or moderate injury.

! WARNING To reduce the risk of fire, explosion, electric shock, or injury when using your refrigerator follow these basic safety precautions:

- This refrigerator must be properly installed and located in accordance with the Installation Instructions before it is used.
- Unplug the refrigerator before making repairs, replacing a light bulb, or cleaning.
Note: Power to the refrigerator cannot be disconnected by any setting on the control panel.
Note: Repairs must be performed by a qualified service professional.
- Replace all parts and panels before operating.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- 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 certified (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.
- To prevent suffocation and entrapment hazards to children, remove the fresh food and freezer doors from any refrigerator before disposing of it or discontinuing its use.
- Do not allow children to climb, stand or hang on the door handles or the shelves in the refrigerator. They could seriously injure themselves.

State of California Proposition 65 Warnings:

! WARNING This product contains one or more chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

! CAUTION To reduce the risk of injury when using your refrigerator, follow these basic safety precautions.

- Do not clean glass shelves or covers with warm water when they are cold. Glass shelves and covers may break if exposed to sudden temperature changes or impact, such as bumping or dropping. Tempered glass is designed to shatter into many small pieces if it breaks.
- 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.
- Do not refreeze frozen foods which have thawed completely.
- Do not touch the cold surfaces in the freezer compartment when hands are damp or wet, skin may stick to these extremely cold surfaces.
- In refrigerators with automatic icemakers, avoid contact with the moving parts of the ejector mechanism, or with the heating element that releases the cubes. Do not place fingers or hands on the automatic ice making mechanism while the refrigerator is plugged in.
- Use a sturdy glass when dispensing ice (on models with ice dispenser)

SAFETY

INSTALLATION

For Installation Instructions, please see the full Owner's Manual at www.GEAppliances.com (Canada [GEAppliances.ca](http://www.GEAppliances.ca)).

WARNING **Explosion Hazard.**

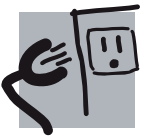
Keep flammable materials and vapors, such as gasoline, away from refrigerator. Failure to do so can result in fire, explosion, or death.

CONNECTING ELECTRICITY

WARNING **Electrical Shock Hazard.**

Plug into a grounded 3-prong outlet.
Do not remove the ground prong.

Do not use an adapter.
Failure to follow these instructions can result in death, fire, or electrical shock.



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.

Where a standard 2-prong wall outlet is encountered, it is your personal responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet. Do not use an adapter.

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

A 115 Volt AC, 60 Hz, 15- or 20-amp fused, grounded electrical supply is required. 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.



USE OF EXTENSION CORDS

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

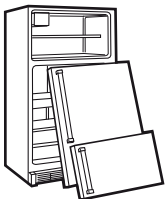
However, if you must use an extension cord, it is absolutely necessary that it be a UL-listed (in the United States) or a CSA certified (in Canada), 3-wire grounding type appliance extension cord having a grounding type plug and outlet and that the electrical rating of the cord be 15 amperes (minimum)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

PROPER DISPOSAL OF YOUR OLD REFRIGERATOR

WARNING **Suffocation and child entrapment hazard.**

Remove fresh-food and freezer doors from the refrigerator prior to disposal. Failure to do so can result in child entrapment which can lead to death or brain damage.

IMPORTANT:



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 fresh food and freezer 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.



READ AND FOLLOW THIS SAFETY INFORMATION CAREFULLY.
SAVE THESE INSTRUCTIONS

FEATURES (Not all features are on all models)

About the temperature controls.

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

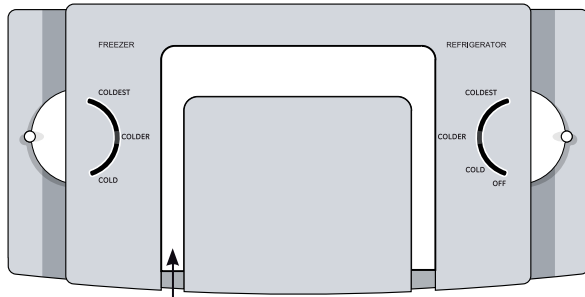


Figure A

Note: Do not block air outlet by placing food items directly against it. Erratic temperatures may result.

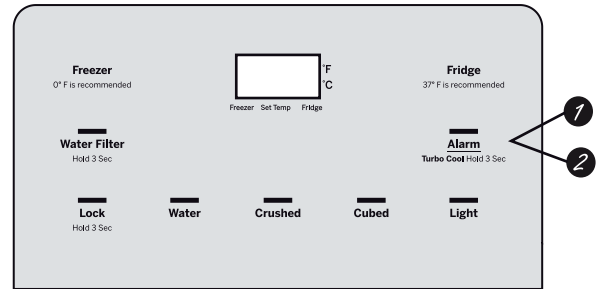


Figure C



Figure B

Models with Figure A, The temperature controls knobs are preset in the Factory at Colder / Colder position for both refrigerator and Freezer compartments. Allow 24 hours for temperature to stabilize to the preset recommended settings.

Knob position temperature guide

Refrigerator		Freezer	
Coldest	34°F (1.1°C)	Coldest	-6°F (-21.1°C)
Colder	37°F (2.8°C)	Colder	0°F (-17.8°C)
Cold	44°F (6.7°C)	Cold	6°F (-14.4°C)

Models with Figure B and C, 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.

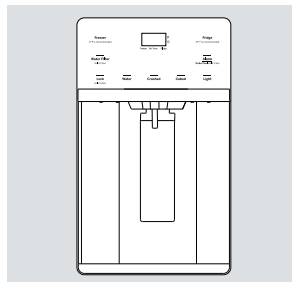
- 1 Door Alarm** (on some models)
To set the alarm, press this pad. The indicator light will come on (models with Figure C controls only). This alarm will sound if either door is open for more than 2 minutes. The beeping stops when you close the door.
- 2 TurboCool™**
Models with figure B: To set the TurboCool™ press Turbo Cool pad for 3 seconds. Display will show tc.
Models with figure C: To set the TurboCool™ press Alarm pad for 3 seconds. Display will show tc.

TurboCool™ rapidly cools the refrigerator compartment in order to more quickly cool foods. Use TurboCool™ when adding a large amount of the 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.

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.

NOTE Fig. B & C: To put the refrigerator control in the OFF position, simultaneously touch the words Freezer and Fridge for 3 seconds. Power to the refrigerator cannot be disconnected by any setting on the control panel.

About the water dispenser. (on some models)



Spill Shelf

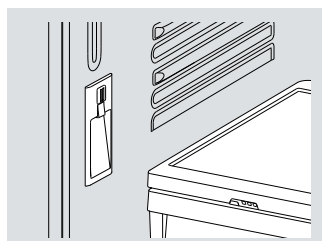
Dispenser

(on some models)

Press the glass gently against the dispenser cradle.

The spill shelf is not self-draining. To reduce water spotting, the shelf 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.



Internal Water Dispenser (on some models)

The water dispenser is located on the left wall inside the refrigerator compartment.

To dispense water:

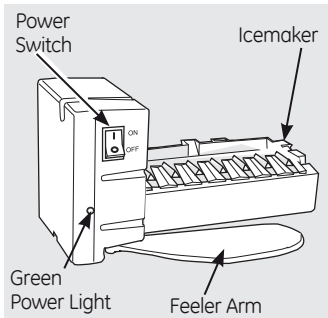
- 1** Hold the glass against the recess.
- 2** Push the water dispenser button.
- 3** Hold the glass underneath the dispenser for 2-3 seconds after releasing the dispenser button. Water may continue to dispense after the button is released.

NOTE: To avoid water deposits, the dispenser should be cleaned periodically by wiping with a clean cloth or sponge.

FEATURES (Not all features are on all models)

About the automatic icemaker. (on some models)

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



(on some models)

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.

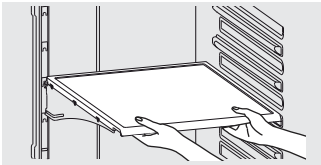
Throw away the first few batches of ice to allow the water line to clear.



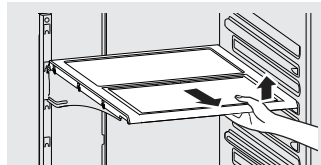
CAUTION Avoid contact with the moving parts of the ejector mechanism, or with the heating element (located on the bottom of the icemaker) that releases the cubes. Do not place fingers or hands on the automatic ice making mechanism while the refrigerator is plugged in.

About shelves, bins and ice box door

Not all features are on all models.

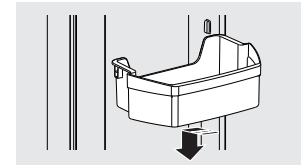
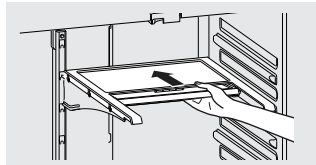


Lift up on the front and then up on the back to remove shelf.



Quick Space Shelf (on some models) can retract to half its size for storage of tall items on the shelf below.

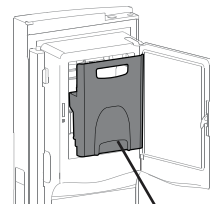
Pull shelf out and up, slide shelf back until it stops to create half-shelf. Pull up and forward, then down to return to full shelf.



Adjustable door bins can be removed for cleaning.

Door ice bin*

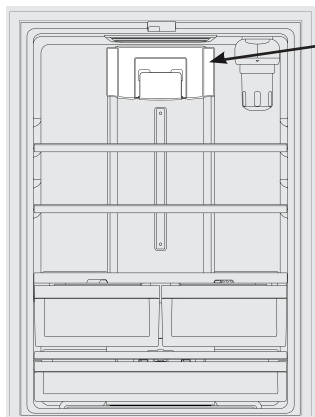
1. Open left fresh food door.
2. Pull down latch to release bin door.
3. Using handhold lift ice bucket up and out to clear locators in bottom of bin.
4. To replace the ice bucket, set it on the guide brackets and push until the ice bucket seats properly.
5. If bucket cannot be replaced, rotate the Ice Bucket Fork 1/4 turn clockwise.



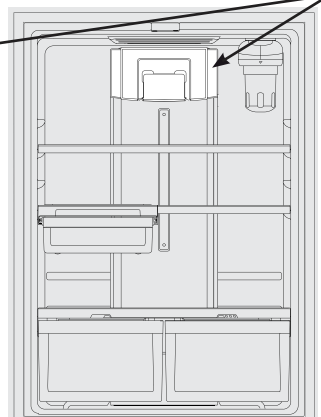
Ice bucket

Shelves location recommended (Only Fresh Food Compartment Shown)

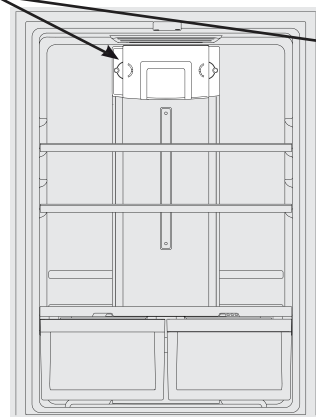
air outlet on all models



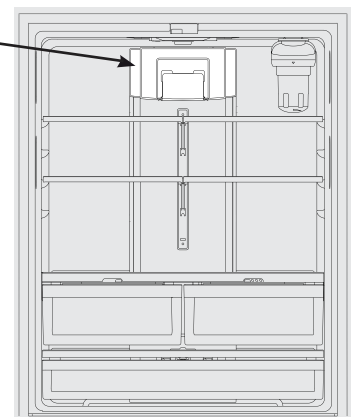
21 cuft. French door models with half width shelves or full width shelves



21/25 cuft. Full door/Drawer models with half width shelves or full width shelves



21 cuft. Swing door models with full width shelves



24/25 cuft. French door models with half width shelves or full width shelves

Note: Do not block air outlet by placing food items directly against it. Erratic temperatures may result

NORMAL OPERATING SOUNDS

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.
- You may hear a whooshing sound when the doors close. This is due to pressure equalizing within the refrigerator.

WHIR!



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

CLICKS, POPS, CRACKS and SNAPS

- You may hear cracking or popping sounds when the refrigerator is first plugged in. This happens as the refrigerator cools to the correct temperature.
- Expansion and contraction of cooling coils during and after defrost can cause a cracking or popping sound.
- On models with an ice maker, after an ice making cycle, you may hear the ice cubes dropping into the ice bucket.
- On models with a dispenser, during water dispense, you may hear the water lines move at initial dispense and after dispenser button is released.

WATER SOUNDS



- The flow of refrigerant through the 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.

CLEARANCES

Proper clearances are needed for ease of installation, proper air circulation, and plumbing and electrical connections. The clearances specific to your unit can be found on the rating plate (silver label on the top-left wall of the refrigerator compartment).

Before you call for service...



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> section of the Owner's Manual found at www.GEAppliances.com for Canada www.GEAppliances.ca
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> section of the Owner's Manual found at www.GEAppliances.com .
Refrigerator or freezer compartment too warm	Temperature control not set cold enough.	See <i>About the controls</i> section of the Owner's Manual found at www.GEAppliances.com .
	Warm weather or frequent door openings.	Set the temperature control one step colder. See <i>About the controls</i> section of the Owner's Manual found at www.GEAppliances.com .
	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.	This is normal.
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 ice maker does not work	Ice maker 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> section of the Owner's Manual found at www.GEAppliances.com .
	Freezer compartment too warm.	Wait 24 hours for the refrigerator to completely cool down.
	Piled up cubes in the storage bin cause the ice maker to shut off.	Level cubes by hand.
	Ice cubes stuck in ice maker.	Turn off the ice maker, remove cubes, and turn the ice maker back on.
Ice cubes have odor/taste	Ice storage bin needs cleaning.	Empty and wash bin. Discard old cubes.
	Food transmitting odor/taste to ice cubes.	Wrap foods well.
	Interior of refrigerator needs cleaning.	See <i>Care and cleaning</i> section of the Owner's Manual found at www.GEAppliances.com .
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> section of the Owner's Manual found at www.GEAppliances.com .
Frequent "buzzing sound"	Ice maker power switch is in the 1 (on) position, but the water supply to the refrigerator has not been connected.	Set the power switch to the 0 (off) position. Keeping it in the 1 (on) position will damage the water valve.
Orange glow in the freezer	Defrost heater is on.	This is normal.
Water has poor taste/odor	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	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	Water supply line turned off or not connected.	See <i>Installing the water line</i> section of the Owner's Manual found at www.GEAppliances.com .
	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 CONTROLS pad for 3 seconds.
Water spurting from dispenser	Newly-installed filter cartridge.	Run water from the dispenser for 3 minutes (about one and a half gallons).
Water is not dispensed but ice maker is working	Water in reservoir is frozen.	Call for service.
	Refrigerator control setting is too cold.	Set to a warmer setting.

<i>Problem</i>	<i>Possible Causes</i>	<i>What To Do</i>
<i>No water or ice cube production</i>	Supply line or shutoff valve is clogged.	Call a plumber.
	Water filter clogged.	Replace filter cartridge or remove filter and install plug.
<i>Refrigerator has odor</i>	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> section of the Owner's Manual found at www.GEAppliances.com .
<i>Moisture forms on outside of refrigerator</i>	Not unusual during periods of high humidity.	Wipe surface dry.
<i>Moisture collects inside (in humid weather, air carries moisture into refrigerator when doors are opened)</i>	Too frequent or too long door openings.	This is normal.
	Due to the higher humidity in the refrigerator, you may on occasion experience fog or small amounts of moisture in the refrigerator compartment.	This is normal and may come and go as different food loads and environmental conditions change. Wipe dry with a paper towel if desired.
<i>Interior light does not work</i>	No power at outlet.	Replace fuse or reset the breaker.
	Light bulb burned out.	See <i>Replacing the light bulbs</i> section of the Owner's Manual found at www.GEAppliances.com .
	For LED lights (on some models)	Call Service.
<i>Hot air from bottom of refrigerator</i>	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.	This is normal.
<i>Refrigerator never shuts off but the temperatures are OK</i>	Adaptive defrost keeps compressor running during door openings.	This is normal. The refrigerator will cycle off after the door remains closed for 2 hours.
<i>Refrigerator is beeping</i>	Door is open.	Close door.
<i>Door not closing properly</i>	Door gasket on hinge side sticking or folding over.	Apply paraffin wax to the face of the gasket.
<i>Actual temperature not equal to Set temperature</i>	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.
<i>Door/drawer does not close by itself</i>	Leveling legs need adjusting.	See <i>Installing the Refrigerator</i> .
<i>Freezer door/drawer pops open when refrigerator door is closed</i>	This is normal if, after popping open, the freezer door/drawer closed on its own.	This indicates that there is a good seal on the freezer door/drawer. If the freezer door/drawer does not automatically close after popping open, then see the Problem: Door/drawer does not close by itself , above.
<i>Food freezing in the refrigerator</i>	Food too close to the air vent at the back of the refrigerator.	Move the food away from the air vent.
	Refrigerator control is set too cold.	Move the refrigerator control to a warmer temperature setting one increment at a time.
<i>Water is leaking from dispenser</i>	Glass not being held under the dispenser long enough after button is released.	Hold the glass underneath the dispenser for 2–3 seconds after releasing the dispenser button. Water may continue to dispense after the button is released.
	Air may be present in the water line system, causing water to drip after being dispensed.	Dispense water for at least 2 minutes to remove air from system.
<i>My display is showing E C</i>	TurboCool function is activated.	See <i>About TurboCool</i> section of the Owner's Manual found at www.GEAppliances.com .
<i>Water filter indicator light changed color</i>	This is normal.	See <i>About the water filter</i> section of the Owner's Manual found at www.GEAppliances.com .
<i>Water filter indicator light remains red even after replacing the water filter</i>	Water filter indicator must be reset.	Press and hold the RESET WATER FILTER pad for 3 seconds. See <i>About the water filter</i> section of the Owner's Manual found at www.GEAppliances.com .
<i>Water filter indicator light is not lit</i>	This is normal. 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.	See <i>About the water filter</i> section of the Owner's Manual found at www.GEAppliances.com .
<i>Handle is loose / handle has a gap</i>	Handle needs adjusting.	See <i>Attach the Fresh Food handle</i> and <i>Attach the Freezer handle</i> section of the Owner's Manual found at www.GEAppliances.com .



Troubleshooting Tips

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

<i>Problem</i>	<i>Possible Causes</i>	<i>What To Do</i>
<i>Control setting is not lit</i>	On some models, the light bulbs at the top of the refrigerator compartment light up the temperature control settings.	If the control settings do not light up, check to see if the light bulbs are burned out, and replace if necessary.
<i>Refrigerator doors are not even (on DoubleDoor models only)</i>	Doors need realigning.	See <i>Align Double Doors</i> section located under <i>Replacing the Door (Double Door Refrigerator Models only)</i> section of the Owner's Manual found at www.GEAppliances.com
<i>Baskets stick or jam when opening or closing</i>	Baskets are too full.	To open: remove some of the products from the basket when opened as far as possible. Readjust the products left in the basket and try to open the basket again. To close: readjust products in the basket or remove any product that is above the rim of the basket and close the basket.

About the GE Appliances MWF water filter cartridge (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. A red light will start blinking 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 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.

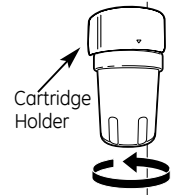
CAUTION: To reduce the risk associated with property damage due to water leakage, read and follow instructions before installation and use of this system. Installation and use **MUST** comply with all state and local plumbing codes.

CAUTION

If air has been trapped in the system, the filter cartridge may be ejected as it is removed. Use caution when removing.

Installing the filter cartridge

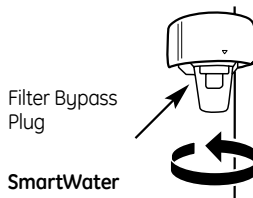
- 1 Fill the replacement cartridge with water from the tap to allow for better flow from the dispenser immediately after installation.
- 2 Line up the arrow on the cartridge and the cartridge holder. Place the top of the new cartridge up inside the holder. **Do not** push it up into the holder.
- 3 Slowly 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 a ½ turn.
- 4 Run water from the dispenser for 1-1/2 gallons (about three minutes) to clear the system and prevent sputtering.
- 5 Press and hold the RESET WATER FILTER pad (on some models) on the dispenser for three 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.



WARNING

To reduce the risk associated with choking, do not allow children under 3 years of age to have access to small parts during the installation of this product. The disposable filter cartridge should be replaced every 6 months at the rated capacity, or sooner if a noticeable reduction in flow rate occurs.

For the maximum benefit of your filtration system, GE Appliances recommends the use of GE Appliances branded SmartWater filters only. Using GE Appliances branded filters in GE Appliances and Hotpoint refrigerators provides optimal performance and reliability. GE Appliances SmartWater filters meet rigorous industry NSF standards and safety and quality that are important for products that are filtering your water. GE Appliances has not qualified non-GE Appliances branded filters for use in GE Appliances and Hotpoint refrigerators and there is no assurance that non-GE Appliances branded filters meet GE's standards for quality, performance and reliability.

If you have questions, or to order additional filter cartridges, visit our website at www.gewaterfilters.com or call GE Appliances Parts and Accessories, 800.626.2002 (Canada <http://www.geappliances.ca/en/products/parts-filters-accessories> or call 1.800.661.1616).

Performance Data Sheet

SmartWater™ Filtration System—GE Appliances MWF Cartridge

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 Standard 42 and Standard 53. System tested and certified by NSF International against NSF/ANSI Standard 42 and Standard 53 for the reduction of substances listed below.

Capacity 300 Gallons (1,135 Liters). Contaminant Reduction Determined by NSF testing.

Substance Tested for Reduction	Average Influent	NSF specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements	NSF Test Report
Chlorine Taste and Odor	2.0 mg/L	2.0 mg/L ± 10%	97.5%	0.05 mg/L	N/A	≥ 50%	J-00077703
Nominal Particulate Class I, ≥0.5 to < 1.0 µm	7,833,333 pts/mL	At least 10,000 particles/mL	99.7%	18,617 pts/mL	N/A	≥85%	J-00077704
Cyst*	101,000 cysts/L	Minimum 50,000 cysts/L	99.99%	1 cyst/L	N/A	≥99.95%	J-00100036
Asbestos	47 MF/L	107 to 108 fibers/L; fibers greater than 10 µm in length	>99%	<1 MF/L	N/A	≥99%	J-00077707
Atrazine	0.009 mg/L	0.009 mg/L ± 10%	94.5%	0.0005 mg/L	0.003 mg/L	N/A	J-00077708
Benzene	0.016 mg/L	0.015 mg/L ± 10%±	96.7%	0.0005 mg/L	0.005 mg/L	N/A	J-00077717
Carbofuran	0.08 mg/L	0.08 mg/L ± 10%	98.7%	0.001 mg/L	0.04 mg/L	N/A	J-00077718
Endrin	0.007 mg/L	0.006 mg/L ± 10%	97.1%	0.0002 mg/L	0.002 mg/L	N/A	J-00100039
Lead @ pH 6.5	0.152 mg/L	0.15 mg/L ± 10%	99.3%	0.001 mg/L	0.010 mg/L	N/A	J-00077722
Lead @ pH 8.5	0.148 mg/L	0.15 mg/L ± 10%	99.3%	0.001 mg/L	0.010 mg/L	N/A	J-00077723
Lindane	0.002 mg/L	0.002 mg/L ± 10%	99.0%	0.00002 mg/L	0.0002 mg/L	N/A	J-00077726
Mercury @ pH 6.5	0.0058 mg/L	0.006 mg/L ± 10%	93.2%	0.0004 mg/L	0.002 mg/L	N/A	J-00100037
Mercury @ pH 8.5	0.0061 mg/L	0.006 mg/L ± 10%	93.2%	0.0004 mg/L	0.002 mg/L	N/A	J-00092355
P-Dichlorobenzene	0.222 mg/L	0.225 mg/L ± 10%	99.8%	0.005 mg/L	0.075 mg/L	N/A	J-00077729
Tetrachloroethylene	0.015 mg/L	0.015 mg/L ± 10%	96.7%	0.0005 mg/L	0.005 mg/L	N/A	J-00082184
Toxaphene	0.015 mg/L	0.015 mg/L ± 10%	93.2%	0.001 mg/L	0.003 mg/L	N/A	J-00077730
2,4-D	0.218 mg/L	0.210 mg/L ± 10%	99.5%	0.0009 mg/L	0.07 mg/L	N/A	J-00085470

*Based on the use of Cryptosporidium parvum oocysts.

The following pharmaceutical reduction claims have not been certified by NSF International or the state of California. Claims tested and verified by independent laboratory:

Contaminant Reductio	Average Influent	NSF specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements	NSF Test Report
Atenolol	978 ng/L	N/A	99.5%	5.0 ng/L	N/A	N/A	J-00121587
Fluoxetine	907 ng/l	N/A	99.4%	5.4 ng/L	N/A	N/A	J-00121587
Ibuprofen	885 ng/L	N/A	94.1%	52.3 ng/L	N/A	N/A	J-00121588
Progesterone	1097 ng/L	N/A	99.5%	5.0 ng/L	N/A	N/A	J-00121589
Trimethoprim	415 ng/L	N/A	99.5%	2.0 ng/L	N/A	N/A	J-00121587

Application Guidelines/Water Supply Parameters

Service Flow	0.5 gpm (21.9 lpm)	Water Pressure	40-120 psi (2.8-8.2 bar)
Water Supply	Potable Water	Water Temperature	33°F-100°F (0.6°C-38°C)

It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised. See Installation Manual for Warranty information.

Note: While the testing was performed under standard laboratory conditions, actual performance may vary.
Replacement Cartridge: MWF. For estimated costs of replacement elements please call 1-800-626-2002 or visit our website at www.geapplianceparts.com.

⚠ WARNING

To reduce the risk associated with ingestion of contaminants:

- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before and after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. EPA Establishment Number 10350-MN-005.

For conditions of use, health claims certified by the California Department of Public Health, and replacements, see performance data sheet. California Department of Public Health Certification #05-1698. The contaminants or other substances removed or reduced by this water filter are not necessarily in all users' water.

NOTICE

To reduce the risk associated with property damage due to water leakage:

- Read and follow use instructions before installation and use of this system.
- Installation and use **MUST** comply with all state and local plumbing codes.
- Do not install if water pressure exceeds 120 psi (8.2 bar). If your water pressure exceeds 80 psi, you **must** install a pressure-limiting valve. Contact a plumbing professional if you are uncertain how to check your water pressure.
- Do not install where water hammer conditions may occur. If water hammer conditions exist you **must** install a water hammer arrester. Contact a plumbing professional if you are uncertain how to check for this condition.
- Do not install on hot water supply lines. The maximum operating water temperature of this filter system is 100° F (38° C).
- Protect filter from freezing. Drain filter when temperatures drop below 33°F (0.6°C).
- The disposable filter cartridge **must** be replaced every 6 months at the rated capacity or sooner if a noticeable reduction in flow rate occurs.



Tested and certified by NSF International against NSF/ANSI Standard 42 and Standard 53 in model GE Appliances MWF for the reduction of the claims specified on the performance data sheet.

Refrigerator Warranty.



All warranty service is provided by our Factory Service Centers or an authorized Customer Care® technician. To schedule service on-line visit us at GEAppliances.com (Canada GEAppliances.ca), or call 800.GE.CARES (800.432.2737) (Canada 1.800.561.3344). 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 Appliances Will Replace:
GE Appliances, GE ARTISTRY™, GE PROFILE and GE CAFÉ 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 <i>limited one-year warranty</i> , GE Appliances will also provide, <i>free of charge</i> , 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 <i>limited thirty-day warranty</i> , GE Appliances will also provide, <i>free of charge</i> , a replacement water filter cartridge.

GE PROFILE and GE CAFÉ MODELS ONLY:

Five Years 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 <i>limited five-year sealed refrigerating system warranty</i> , GE Appliances will also provide, <i>free of charge</i> , all labor and related service to replace the defective part in the sealed refrigerating system.
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What GE Appliances 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.
- Damage caused by a non-GE Appliances brand water filter.
- 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 Appliances 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 appliances 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: GE Appliances. Louisville, KY 40225

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

WARRANTOR IS NOT RESPONSIBLE FOR CONSEQUENTIAL DAMAGES.
 Warrantor: MC Commercial, Burlington, ON, L7R 5B6

Notes.
