



Side by Side REFRIGERATORS

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**OWNER'S MANUAL &
INSTALLATION
INSTRUCTIONS**

Models GSE22, GSE25, GSF25,
GSH22, GSH25, GSL22, GSS20,
GSS25

**ENGLISH/FRANÇAIS/
ESPAÑOL**

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 behind the controls..

THANK YOU FOR MAKING GE APPLIANCES A PART OF YOUR HOME.

Whether you grew up with GE Appliances, or this is your first, we're happy to have you in the family.

We take pride in the craftsmanship, innovation and design that goes into every GE Appliances product, and we think you will too. Among other things, registration of your appliance ensures that we can deliver important product information and warranty details when you need them.

Register your GE appliance now online. Helpful websites and phone numbers are available in the Consumer Support section of this Owner's Manual. You may also mail in the pre-printed registration card included in the packing material.



IMPORTANT SAFETY INFORMATION

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

▲ 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 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 use an extension cord.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- 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.
- To avoid serious injury or death, children should not stand on, or play in or with the appliance.
- Children and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge can use this appliance only if they are supervised or have been given instructions on safe use and understand the hazards involved.
- This appliance is intended to be used in household and similar applications such as: staff kitchen areas in shops, offices and other working environments; farm houses; by clients in hotels, motels, bed & breakfast and other residential environments; catering and similar non-retail applications.
- Connect to potable water supply only. A cold water supply is required for automatic icemaker operation. The water pressure must be between 40 and 120 psi (275-827 kilopascals).

▲ 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 touch the cold surfaces in the freezer compartment when hands are damp or wet, skin may stick to these extremely cold surfaces.
- Do not refreeze frozen foods which have thawed completely.
- 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)

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.

INSTALLATION

▲ 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.

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INFORMATION

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

CONNECTING ELECTRICITY

⚠ WARNING **ELECTRICAL SHOCK HAZARD**

Plug into a grounded 3-prong outlet
 Do not remove the ground prong
 Do not use an adapter
 Do not use an extension cord.
 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.

Immediately discontinue use of a damaged supply cord. If the supply cord is damaged, it must be replaced by a qualified service professional with an authorized service part from the manufacturer.

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

PROPER DISPOSAL OF YOUR OLD REFRIGERATOR

⚠ WARNING **SUFFOCATION AND ENTRAPMENT HAZARD**

Failure to follow these disposal instructions can result in death or serious injury

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 Appliance

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

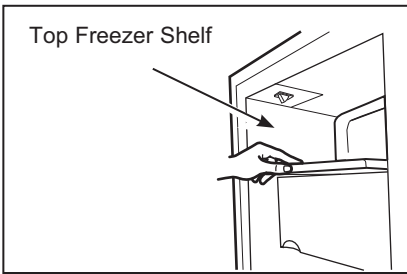
Refrigerant and Foam Disposal:

Dispose of appliance in accordance with Federal and Local Regulations. Flammable insulation material used requires special disposal of your appliance. Contact your local authorities for the environmentally safe disposal of your appliance.

Features (Not all features are on all models.)

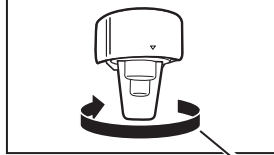
① TOP FREEZER SHELF

Make sure the shelf front locks into position.

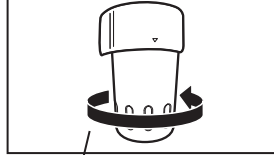


② FILTER CARTRIDGE

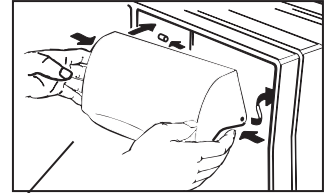
Remove Bypass Plug



Install Filter Cartridge



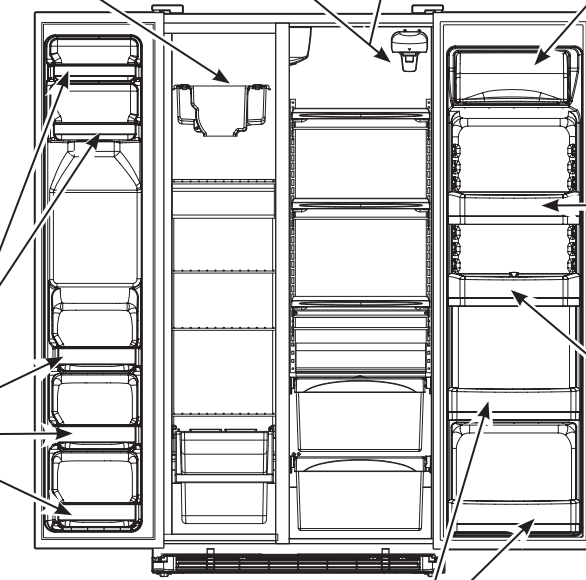
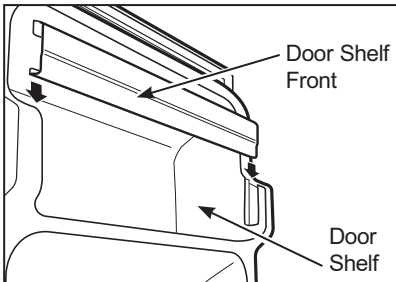
③ DAIRY COVER



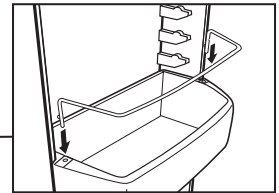
⑦ FREEZER DOOR SHELF FRONTS

Make sure that the shelf front locks into position.

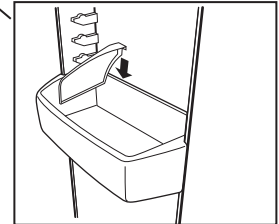
NOTE: On dispenser models, the longer shelf fronts go in the top two positions.



④ BOTTLE RETAINER

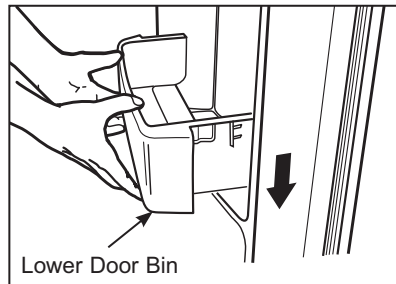


⑤ ADJUSTABLE DOOR BINS DOOR BIN SNUGGERS



⑥ LOWER FIXED DOOR BINS

Make sure the bin fronts lock into position.



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

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

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

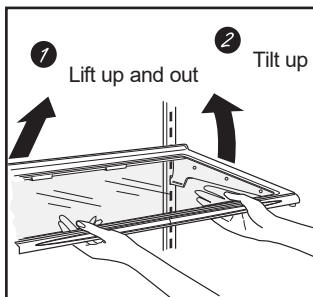
To replace or relocate: Engage the bin in the molded supports of the door, and push in. Bin will lock in place.

Shelves and Bins (Not all features are on all models.)

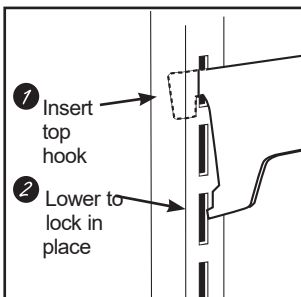
Rearranging the Shelves

Refrigerator Shelves:

To Remove

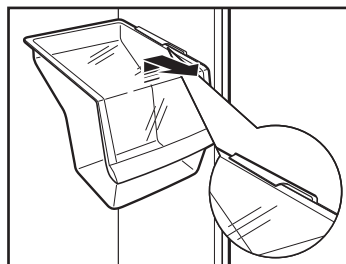


To Replace



Freezer Pan:

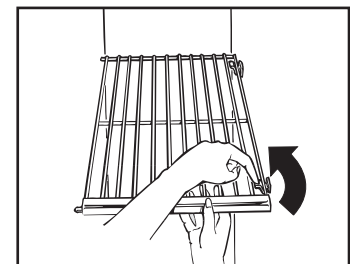
To Remove



Remove the pan by pulling it forward, lifting up the front and sliding it past the stop location.

Freezer Shelves: (on some models)

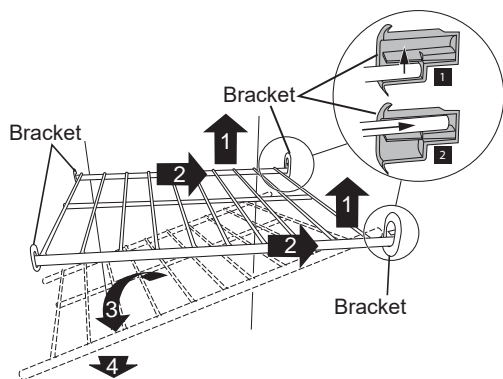
To Remove



Shelves and Bins (Not all features are on all models.)

Freezer Shelves (on some models)

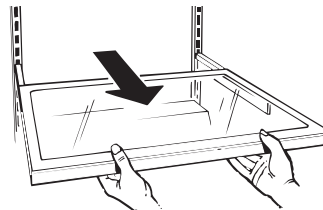
1. Lift the right side of the shelf, front and back, until you hear a snap.
2. Push the shelf to the right into the top portion of the bracket. The left ends of the shelf will come free from the left brackets.
3. Tilt the left side down to release the right ends from the right brackets.
4. Pull forward to remove the shelf from the refrigerator.
5. Follow the steps from 4 to 1 to install the shelf in the new location.



Slide-Out Spillproof Shelf (on some models)

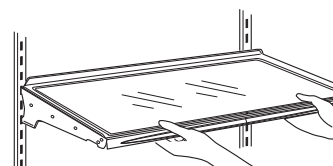
The slide-out spillproof shelf allows you to reach items stored behind others. The special edges are designed to help prevent spills from dripping to lower shelves.

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



Spillproof Shelves (on some models)

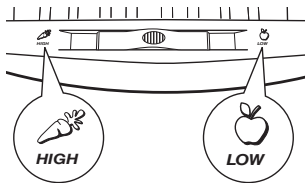
Spillproof shelves have special edges to help prevent spills from dripping to lower shelves.



Crispers and Pans (Not all features are on all models.)

Adjustable Humidity Crispers and Snack Pan (on some models)

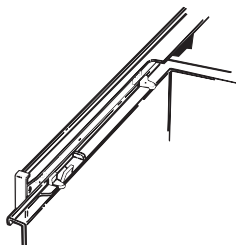
Slide the control all the way to the High setting to provide high humidity recommended for most vegetables. Slide the control all the way to the Low setting to provide lower humidity levels recommended for most fruits.



Crisper Removal

Crispers can easily be removed by tilting up slightly and pulling past stop location.

If the door prevents you from taking out the crispers, the refrigerator will need to be rolled forward until the door opens enough to slide the crispers out. In some cases, when you roll the refrigerator out, you will need to move the refrigerator to the left as you roll it out.



When replacing the crispers, make sure you slide them through the crisper guides.

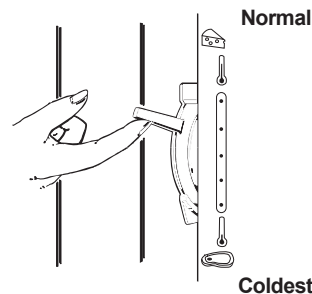
Convertible Meat Pan (on some models)

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

The variable temperature control regulates the air flow from the freezer compartment.

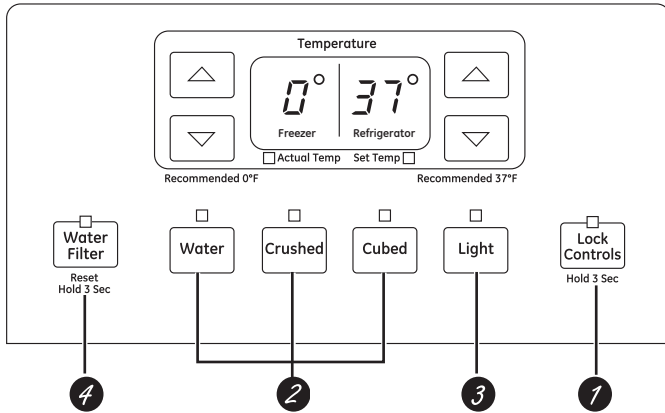
Set control lever up to convert the pan to normal refrigerator temperature and provide extra vegetable storage space. Cold air duct is turned off. Variable settings between these extremes can be selected.

Set control lever down to the coldest setting to store fresh meats. If lever is left in meat position for a long period of time, some frost may form on the inside of the pan.



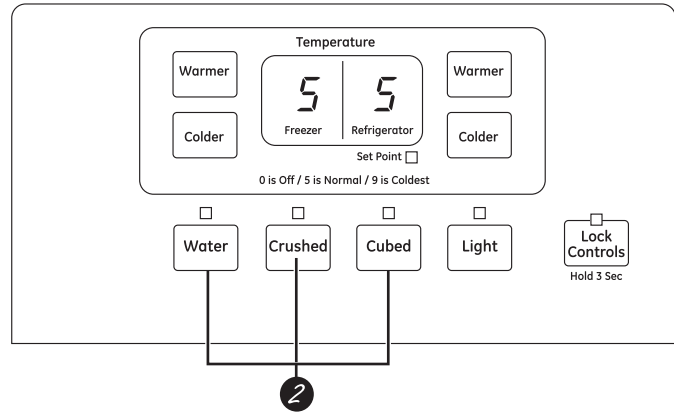
Controls

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



The temperature controls are preset in the factory at 37°F (2.8°C) for the refrigerator compartment and 0°F (-17.8°C) 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.



The temperature controls are preset in the factory at “5” for the refrigerator compartment and “5” for the freezer compartment. Allow 24 hours for the temperature to stabilize to the preset recommended settings.

NOTE: Display settings are “1” warmest, “9” coldest, and “0” off.

1 Locking the Dispenser



Press the **Lock Controls** pad for 3 seconds to lock the dispenser and control panel. To unlock, press and hold the key pads again for 3 seconds.

2 Using the Dispenser (on some models)



Select **Water**, **Crushed** or **Cubed**
Press the glass gently against the top of the dispenser cradle.

3 Dispenser Light



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

⚠ WARNING

Before replacing a burned-out light bulb, the refrigerator should be unplugged in order to avoid contact with a live wire filament. (A burned-out light bulb may break when being replaced.) Turning the control to the OFF position does not remove power to the light circuit.

4 Water Filter Replacement Indicator

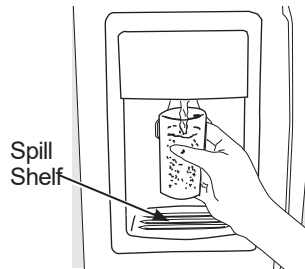
The light on this button will illuminate when the water filter needs to be changed. After the filter has been changed, press and hold for 3 seconds to turn the light off. For more details, see “Water Filter Cartridge” section.

Ice and Water Dispenser (On some models.)

To Use the Dispenser

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 Laceration Hazard

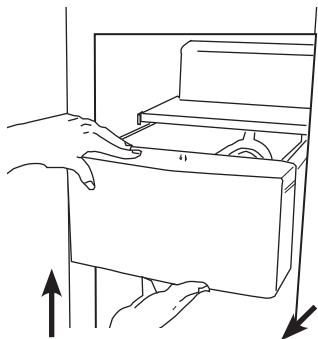
- Never put fingers or any other object into ice crusher discharge opening. Doing so can result in contacting the ice crushing blades and lead to serious injury or amputation
- Use a sturdy glass when dispensing ice. A delicate glass may break and result in personal injury.

Ice Storage Drawer on Dispenser Models

CAUTION The ice bin is heavy when full.

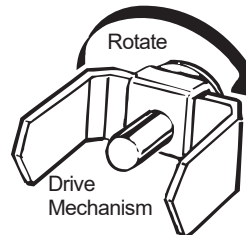
To remove:

Slide the icemaker power switch to the OFF position. Pull the drawer straight out and then lift past the stop position.



To replace:

When replacing the drawer, make sure to push it firmly into place. If it does not go all the way back, remove it and rotate the drive mechanism 1/4 turn. Then push the drawer back again.



Important Facts About Your Dispenser

- Do not add ice from trays or bags to the storage bin. It may not crush or dispense well.
- Avoid overfilling glass with ice and use of narrow glasses. Backed-up ice can jam the chute or cause the door in the chute to freeze shut. If ice is blocking the chute, poke it through with a wooden spoon.
- Beverages and foods should not be quick-chilled in the ice storage bin. Cans, bottles or food packages in the storage bin 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. This happens occasionally when a few cubes have been left in the crusher.
- After crushed ice is dispensed, some water may drip from the chute.
- Sometimes a small mound of snow will form on the door in the ice chute. This condition is normal and usually occurs when you have dispensed crushed ice repeatedly. The snow will eventually evaporate.
- The first glass of water dispensed may be warmer than the following ones. This is normal.
- Dispensed water is not ice cold. For colder water, simply add crushed ice or cubes before dispensing water.

Automatic Icemaker

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

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

The icemaker will fill with water when it cools to 15°F (-10°C). When the bin fills to the level of the feeler arm, the icemaker will stop producing ice.

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

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

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.

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

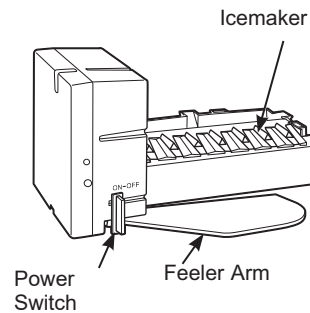
It is normal for several cubes to be joined together.

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

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

Icemaker Accessory Kit

If your refrigerator did not come already equipped with an automatic icemaker, an icemaker accessory kit is available at extra cost. Check the back of the refrigerator for the specific icemaker kit needed for your model.



MWF 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 dispenser or icemaker decreases.

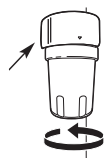
Removing the filter cartridge

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.

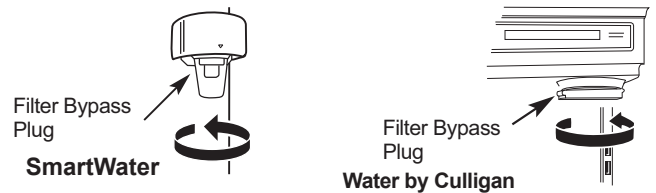
Installing the filter cartridge

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 1/2 turn.
4. Run water from the dispenser for 1-1/2 gallons (6 liters) 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.



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

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 filters only. Using GE Appliances-branded filters in GE Appliances and Hotpoint® refrigerators provides optimal performance and reliability. GE Appliances filters meet rigorous industry standards for 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 Appliances standards for quality, performance and reliability.

If you have questions, or to order additional filter cartridges, visit our website at gewaterfilters.com or call GE Appliances Parts and Accessories, 877.959.8688. In Canada, call 800.661.1616.

Water Filter Cartridge - XWF (On some models.)

Water Filter Cartridge

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

When to Replace the Filter

If there is a replacement indicator light for the water filter cartridge on the dispenser, the red filter light will start blinking to tell you that you need to replace the filter soon.

- For external control models, the filter light will blink while you are dispensing until the filter is replaced.
- For top control models, the filter light will blink while the door is open until the filter is replaced.

For models that don't have the 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

If you are replacing the filter, first remove the previous one:

1. Open the filter cartridge housing by squeezing the 2 front tabs and gently pulling down.
2. Rotate the filter down.
3. Gently grasp the filter and slowly turn it counterclockwise about a ¼ turn. The filter should automatically release itself when you have rotated it far enough to the left. A small amount of water may drip down.

⚠ CAUTION

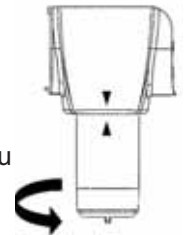
If air has been trapped in the system, the filter cartridge may be ejected as it is removed. Use caution when removing.

Filter Bypass Plug

To reduce the risk of property damage due to water leakage, you **MUST** use the filter bypass plug when a replacement filter cartridge is not available. Some models do not come equipped with the filter bypass plug. To obtain a free bypass plug, call 800-GECARES. In Canada, call 800.561.3344. The dispenser and icemaker will not operate without either the filter or bypass plug installed. The bypass plug is installed in the same way as a filter cartridge.

Installing the Filter Cartridge in a Side by Side Refrigerator

1. Line up the arrow on the filter with the arrow on the filter cartridge holder. Gently push the top of the new filter up inside the holder.
2. Slowly turn the filter to the right until it stops. **DO NOT OVERTIGHTEN.** As you turn the filter, it will automatically raise itself into position. The filter will move about a ¼ turn or 90 degrees.
3. Run water from the dispenser for 2 gallons (7.6 liters) or approximately 5 minutes to clear the system. Water may spurt out and air bubbles may be visible during this process.
4. Press and hold the WATER FILTER pad (only on select models) on the dispenser for three seconds.



Application Guidelines/Water Supply

Service Flow	0.5 gpm (1.89 lpm)
Water Supply	Potable Water
Water Pressure	25-120 psi (172-827 kPa)
Water Temperature	33°F-100°F (0.6°C-38°C)
Capacity	170 gallons (643.5 liters)

Sign-up for TEXT REMINDERS by texting REPLACE to 70543.

⚠ 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.

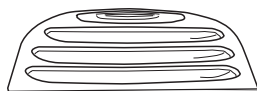
For the maximum benefit of your filtration system, GE Appliances recommends the use of GE Appliances-branded filters only. Using GE Appliances-branded filters in GE Appliances and Hotpoint® refrigerators provides optimal performance and reliability. GE Appliances filters meet rigorous industry standards for 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 Appliances standards for quality, performance and reliability.

If you have questions, or to order additional filter cartridges, visit our website at gewaterfilters.com or call GE Appliances Parts and Accessories, 877.959.8688. (Canada 1.800.661.1616 or GEAppliances.ca/en/products/parts-filters-accessories)

Care and Cleaning

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 l) 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.

The stainless steel doors and door handles (on some models) can be cleaned with a commercially available stainless steel cleaner. Cleaners with oxalic acid such as Bar Keepers Friend Soft Cleanser™ will remove surface rust, tarnish and small blemishes. Use only a liquid cleanser free of grit and rub in the direction of the brush lines with a damp soft sponge. Do not use appliance wax or polish on the stainless steel.

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

Cleaning the Inside

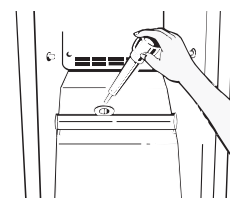
To help prevent odors, leave an open box of baking soda in the refrigerator and freezer compartments.

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

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

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

Drain opening in freezer compartment. During yearly cleaning, remove bottom freezer pan and flush a solution of baking soda—1 teaspoon (5 ml) and 2 cups (500 ml) of hot (not boiling) water— through the drain line with the help of a meat baster. This will help eliminate odor and reduce the likelihood of a clogged drain line. If drain becomes clogged, use a meat baster and baking soda solution to force the clog through the drain line.



CAUTION 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.

Do not wash any plastic refrigerator parts in the dishwasher.

Behind the Refrigerator

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

Pull the refrigerator straight out and return it to position by pushing it straight in. Moving the refrigerator in a side direction may result in damage to the floor covering or refrigerator.

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

Care and Cleaning

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 l) of water. Leave the doors open.

Slide 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 grille, shelves and drawers by taping them securely in place to prevent damage.

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

Replacing the Light Bulbs

⚠ WARNING Before replacing a burned-out light bulb, the refrigerator should be unplugged in order to avoid contact with a live wire filament. (A burned-out light bulb may break when being replaced.)

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

1. Unplug the refrigerator.
2. Remove the shelf just below the light shield.
3. Replace with an appliance bulb of the same or lower wattage.
4. Reinstall the shelf and plug the refrigerator back in.

Installation Instructions

Refrigerator Models 20, 22, 25

Questions? Call 800.GE.CARES (800.432.2737) or visit our Website at: GEAppliances.com
In Canada, call 1.800.561.3344 or visit our Website at: 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 15 minutes
- Proper installation is the responsibility of the installer.
- Product failure due to improper installation is not covered under the Warranty.

CAUTION Lifting Hazard.

Single person lift can cause injury. Use assistance when handling, moving or lifting the refrigerator doors. **NOTE:** When moving door, to prevent damage to door and electronics carefully place the door in a proper location.

WARNING To reduce the risk of electric shock or injury during installation, you must first unplug the refrigerator before proceeding. Failure to follow these instructions can result in electrical shock.

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.
- Do not install the refrigerator in a location exposed to water (rain, etc.) or direct sunlight.
- 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)

A door clearance of 3/4" (19 mm) is needed for a 90° door opening which provides better access to food storage area.

WATER SUPPLY TO THE ICEMAKER (on some models)

If the refrigerator has an icemaker, it will have to be connected to a cold water line. A GE Appliances water supply kit is available at extra cost from your dealer, by visiting our Website at GEAppliances.com (in Canada, at geappliances.ca), or from Parts and Accessories, 877.959.8688.

ROLLERS

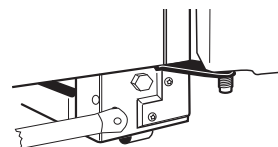
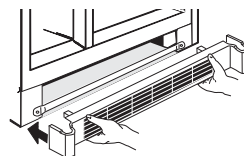
The rollers have 3 purposes:

- Rollers adjust so the door closes easily when opened about halfway.
- 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, remove the base grille by pulling it out at the bottom.

Turn the roller adjusting screws **clockwise to raise** the refrigerator, **counterclockwise to lower** it. Use an adjustable wrench (3/8" hex head bolt) or pliers.

To replace base grille, line up the clips on back of grille between the bar and the bottom of the cabinet. Push forward until grille snaps into place

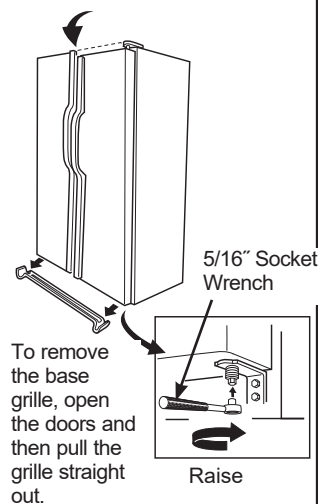


DOOR ALIGNMENT

After leveling, make sure that doors are even at the top.

To make the doors even, adjust the refrigerator door.

1. Using a 5/16" socket wrench, turn the door adjusting screw to the right to raise the door, to the left to lower it. (A nylon plug, embedded 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 compartment door and check the alignment at the top of the doors.



To remove the base grille, open the doors and then pull the grille straight out.

Installation Instructions

INSTALLING THE WATER LINE

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 SmartConnect™ Refrigerator Tubing (WX08X10002, WX08X10006, WX08X10015 and WX08X10025).

When connecting your refrigerator to a GE Appliances Reverse Osmosis Water System, the only approved installation is with a GE Appliances 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.

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

⚠ WARNING

Connect to potable water supply only.

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.

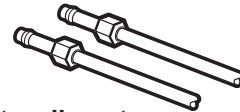
SmartConnect™ Refrigerator Tubing Kits are available in the following lengths:

2' (0.6 m)– WX08X10002	8' (2.4 m)– WX08X10006
15' (4.6 m)– WX08X10015	25' (7.6 m)– WX08X10025

WHAT YOU WILL NEED (Cont.)

NOTE: The only GE Appliances approved plastic tubing is that supplied in 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.

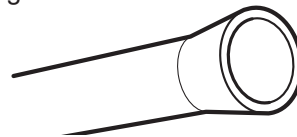
- A GE Appliances water supply kit (containing tubing, shutoff valve and fittings listed below) is available at extra cost from your dealer or from Parts and Accessories, 877.959.8688.
- A cold water supply is required for automatic icemaker operation. The water pressure must be between 40 and 120 psi (275-827 kilopascals).
- Power drill.
- 1/2" or adjustable wrench.
- Straight and Phillips blade screwdriver.



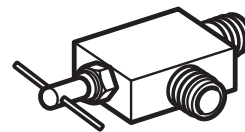
- Two 1/4" outer diameter compression nuts and 2 ferrules (sleeves) - to connect the copper tubing to the shutoff valve and the refrigerator water valve.

OR

- If you are using a 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 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.

Installation Instructions

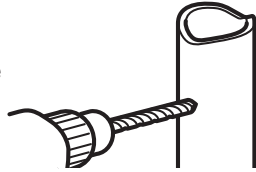
INSTALLING THE WATER LINE (Cont.)

1 SHUT OFF MAIN WATER SUPPLY

2 DRILL THE HOLE FOR THE VALVE

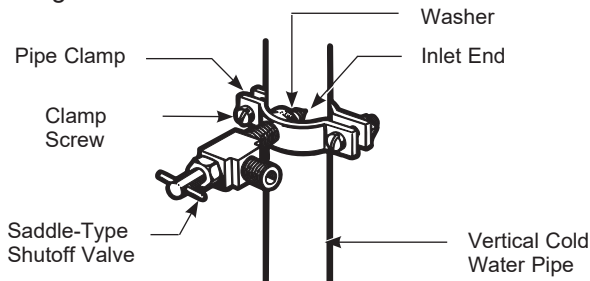
Choose a location for the valve that is easily accessible. It is best to connect into the side of a vertical water pipe. When it is necessary to connect into a horizontal water pipe, make the connection to the top or side, rather than at the bottom, to avoid drawing off any sediment from the water pipe.

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.



3 FASTEN THE SHUTOFF VALVE

Fasten the shutoff valve to the cold water pipe with the pipe clamp. Tighten the clamp screws until the sealing washer begins to swell.



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

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.

4 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.

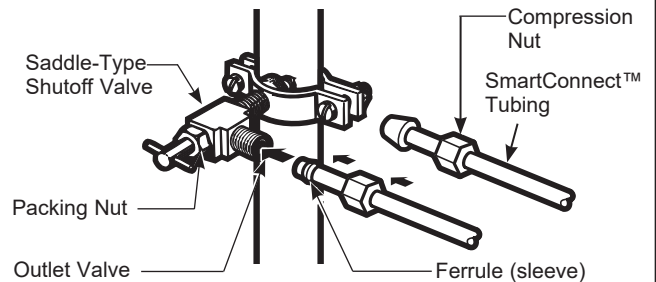
NOTE: Be sure there is sufficient extra tubing to allow the refrigerator to move out from the wall after installation.

5 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.

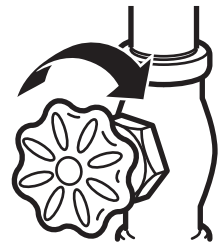
For plastic tubing from a SmartConnect™ Refrigerator Tubing kit, insert the molded end of the tubing into the shutoff valve and tighten compression nut until it is hand tight, then tighten one additional turn with a wrench. Overtightening may cause leaks.



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.

6 FLUSH OUT THE TUBING

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



Installation Instructions

INSTALLING THE WATER LINE (Cont.)

⚠ WARNING Connect to potable water supply only. A cold water supply is required for automatic icemaker operation. The water pressure must be between 40 and 120 psi (275-827 kilopascals).

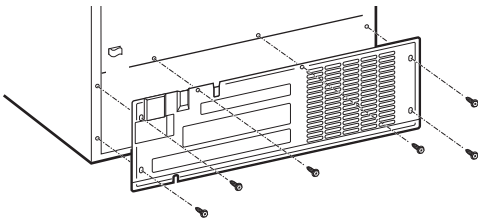
⚠ WARNING  **ELECTRIC SHOCK HAZARD**
Attach tubing clamp using existing hole only. DO NOT drill into the refrigerator.

7 CONNECT THE TUBING TO THE REFRIGERATOR

NOTES:

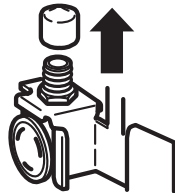
- Before making the connection to the refrigerator, be sure the refrigerator power cord is not plugged into the wall outlet.
- If your refrigerator does not have a water filter, we recommend installing one if your water supply has sand or particles that could clog the screen of the refrigerator's water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

Some models have the refrigerator connection at the end of tubing located outside the compressor compartment access cover. On other models, the compressor compartment access cover must be removed in order to access the refrigerator connection at the water valve.



On models using the refrigeration connection at the water valve, remove the plastic flexible cap.

Place the compression nut and ferrule (sleeve) onto the end of the tubing as shown. On a SmartConnect™ Refrigerator Tubing kit, the nuts are already assembled to the tubing.



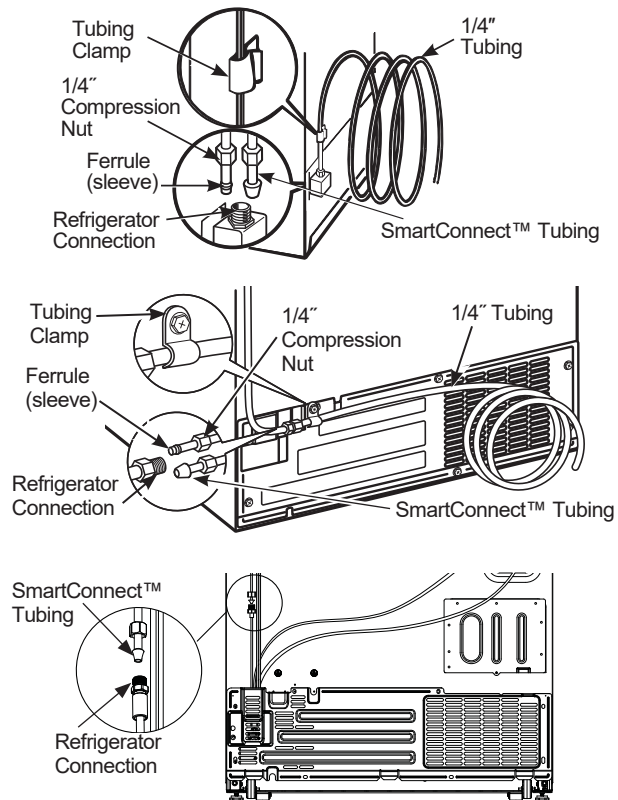
Insert the end of the tubing into the refrigerator connection as far as possible. While holding the tubing, tighten the fitting.

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

7 CONNECT THE TUBING TO THE REFRIGERATOR (Cont.)

Fasten the tubing into the clamp provided as shown to keep it in position. You may need to pry open the clamp.

One of the following illustrations will look like the connection on your refrigerator.



8 TURN THE WATER ON AT THE SHUTOFF VALVE

Tighten any connections that leak. Reattach the access cover.

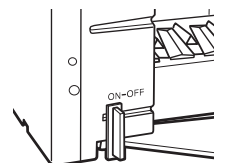


9 PLUG IN THE REFRIGERATOR

Arrange the coil of tubing so that it does not vibrate against the back of the refrigerator or against the wall. Push the refrigerator back to the wall.

10 START THE ICEMAKER

Slide 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 if the icemaker power switch is in the ON position.



Normal Operating Conditions.

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

Do you hear what I hear? These conditions 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 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.
- 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 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.

Troubleshooting Tips... Before you call for service

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.
	Freezer control in 0 (off) position.	Move the freezer control 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 or freezer compartment too warm	Temperature control not set cold enough.	See Controls.
	Warm weather or frequent door openings.	Set the temperature control one step colder. See Controls.
	Door left open.	Check to see if package is holding door open.
Vibration or rattling	Front rollers need adjusting.	See Rollers. Slight vibration is normal.
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 Controls.
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 (on some models)	Icemaker power switch is in the OFF position.	Slide the power switch to the ON position.
	Water supply turned off or not connected.	See Installing the water line.
	Freezer compartment too warm.	Wait 24 hours for the refrigerator to completely cool down.
	Piled up cubes in the storage bin cause 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.
Ice cubes have odor/taste	Ice storage bin needs cleaning.	Empty and wash bin. Discard old cubes.
	Food transmitting odor/taste to ice cubes.	Wrap foods well.
	Interior of refrigerator needs cleaning.	See Care and cleaning.
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 Controls.
Door not closing properly	Door gasket on hinge side sticking or folding over.	Apply petroleum jelly on face of gasket
Orange glow in freezer	Defrost heater is on.	This is normal.
Cube dispenser does not work (on some models)	Icemaker or water supply turned off.	Turn on icemaker or water supply.
	Ice cubes are frozen to icemaker feeler arm.	Remove cubes.
	Irregular ice clumps in storage container.	Break up with fingertip pressure and discard remaining clumps. Freezer may be too warm. Adjust the freezer control to a colder setting, one position at a time, until clumps do not form.
	Dispenser is LOCKED.	Press and hold the Lock pad for 3 seconds.

Troubleshooting Tips... Before you call for service

Problem	Possible Causes	What To Do
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	Wait 24 hours for the refrigerator to completely cool down.
	Water dispenser has not been used for a long time.	Dispense water until all water in system is replenished.
	Water system has been drained.	Allow several hours for replenished supply to chill.
Water dispenser does not work (on some models)	Water supply line turned off or not connected.	See Installing the water line.
	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	Newly-installed filter cartridge.	Run water from the dispenser for 3 minutes (about 1½ gallons).
Water is not dispensed	Water in reservoir is frozen.	Call for service.
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.
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 Care and cleaning.
	Defrost water drainage system needs cleaning.	See Care and cleaning.
Moisture forms on outside of refrigerator	Not unusual during periods of high humidity.	Wipe surface dry.
Moisture collects inside	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 Replacing the light bulbs.
Water on kitchen floor or on bottom of freezer	Drain in the bottom of the freezer clogged.	See Care and cleaning.
	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.	
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.
Frequent "buzzing" sound	Icemaker power switch is in the ON position but the refrigerator water supply is not connected.	Slide the power switch to the OFF position. Keeping it in the ON position will damage the water valve.

Refrigerator Limited Warranty

LIMITED WARRANTY

GEAppliances.com

For US Customers, all warranty service is provided by our Factory Service Centers, or an authorized Customer Care® technician. To schedule service online, visit us at **GEAppliances.com**, or call GE Appliances at 800.GE.CARES (800.432.2737). Please have your serial number and your model number available when calling for service. In Canada, call 800.561.3344.

Service your refrigerator may require the use of the onboard data port for diagnostics. This gives a GE Appliances Factory Service technician the ability to quickly diagnose any issues with your appliance and helps GE Appliances improve its products by providing GE Appliances with information on your appliance. If you do not want your appliance data to be sent to GE Appliances, please advise your technician NOT to submit the data to GE Appliances at the time of service.

For the Period of:	GE Appliances Will Replace
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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 the limited one-year warranty , GE Appliances will also provide, free of charge , all labor and related service to replace the defective part.
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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 Appliances will also provide, free of charge , a replacement water filter cartridge.
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GE PROFILE MODELS ONLY

Five Years From the date of the 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 Appliances will also provide, free of charge , 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 to finish, such as surface rust, tarnish, or small blemishes not reported within 48 hours of 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.
- Damage caused by a non-GE Appliances Brand water filter.

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.

For US Customers: This limited 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 limited 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 limited 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, a Haier company
Louisville, KY 40225

For Customers in Canada: This limited warranty is extended to the original purchaser and any succeeding owner for products purchased in Canada for home use within Canada. In-home warrant service will be provided in areas where it is available and deemed reasonable by MC Commercial Inc. to provide. 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.

Warrantor Canada: MC Commercial Inc., Burlington Ontario, L7R 5B6

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

Water Filter Cartridge Limited Warranty

Contact us at geapplianceparts.com, or call 800.GE.CARES.

For the period of	GE Appliances will replace
Thirty Days From the date of the original purchase	Any part of the water filter cartridge which fails due to a defect in materials or workmanship during this limited thirty-day warranty .*

What GE Appliances will not cover:

- Service trips to your home to teach you how to use the product.
- Improper installation.
- Failure of the product if it is abused, misused, used for other than the intended purpose or used commercially.
- Replacement of house fuses or resetting of circuit breakers.
- Damage to the product caused by accident, fire, floods, or acts of God.
- Incidental or consequential damage caused by possible defects with this appliance.

EXCLUSION OF IMPLIED WARRANTIES

Your sole and exclusive remedy is part exchange as provided in this Limited Warranty. Any implied warranties, including the implied warranties of merchantability or fitness for a particular purpose, are limited to six months or the shortest period allowed by law.

This limited warranty is extended to the original purchaser and any succeeding owner for products purchased for home use within the USA. In Alaska, the limited 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 limited 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.

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.

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

Buyer:

Name _____

Address _____

City _____ State _____ Zip _____

Signature _____ Date _____

Seller:

Name _____

Address _____

City _____ State _____ Zip _____

Signature _____ Date _____

*If your GE Appliances part fails because of a manufacturing defect within thirty days from the date of original purchase for use, we will give you a new or, at our option, a rebuilt part without charge. Return the defective part to the parts supplier from whom it was purchased together with a copy of the "proof of purchase" for the part. If the part is defective and shows no signs of abuse, it will be exchanged. The warranty does not cover the failure of parts which are damaged while in your possession, are abused, or have been installed improperly. It does not cover the cost of returning the part to the supplier from whom it was purchased nor does it cover the cost of labor to remove or install it to diagnose the fault. It does not cover parts used in products in commercial use except in the case of air conditioning equipment. In no event shall GE Appliances be liable for consequential damages.

Warrantor: GE Appliances, a Haier company
Louisville, KY 40225

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%	97.4%	0.05 mg/L	N/A	≥ 50%	J-00137878
Nominal Particulate Class I, ≥0.5 to < 1.0 µm	11,333,333 pts/mL	At least 10,000 particles/mL	99.9%	5,510 pts/mL	N/A	≥85%	J-00137881
Cyst*	101,000 cysts/L	Minimum 50,000 cysts/L	99.99%	1 cyst/L	N/A	≥99.95%	J-00100036
Asbestos	133 MF/L	10 ⁷ to 10 ⁸ fibers/L; fibers greater than 10 µm in length	>99%	<1 MF/L	N/A	≥99%	J-00137886
Atrazine	0.008 mg/L	0.009 mg/L ± 10%	91.3%	0.0007 mg/L	0.003 mg/L	N/A	J-00137910
Benzene	0.014 mg/L	0.015 mg/L ± 10%±	96.5%	0.0005 mg/L	0.005 mg/L	N/A	J-00137912
Carbofuran	0.08 mg/L	0.08 mg/L ± 10%	74.5%	0.01 mg/L	0.04 mg/L	N/A	J-00147488
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	0.148 mg/L	0.15 mg/L ± 10%	99.3%	0.001 mg/L	0.010 mg/L	N/A	J-00137914
Lead @ pH 8.5	0.155 mg/L	0.15 mg/L ± 10%	99.3%	0.001 mg/L	0.010 mg/L	N/A	J-00137915
Lindane	0.002 mg/L	0.002 mg/L ± 10%	96.5%	0.00002 mg/L	0.0002 mg/L	N/A	J-00137924
Mercury @ pH 6.5	0.006 mg/L	0.006 mg/L ± 10%	87.6%	0.0004 mg/L	0.002 mg/L	N/A	J-00137925
Mercury @ pH 8.5	0.006 mg/L	0.006 mg/L ± 10%	93.2%	0.0007 mg/L	0.07 mg/L	N/A	J-00092355
P-Dichlorobenzene	0.223 mg/L	0.225 mg/L ± 10%	99.8%	0.005 mg/L	0.075 mg/L	N/A	J-00137926
Tetrachloroethylene	0.014 mg/L	0.015 mg/L ± 10%	96.5%	0.0005 mg/L	0.005 mg/L	N/A	J-00137929
Toxaphene	0.017 mg/L	0.015 mg/L ± 10%	>93.9%	0.001 mg/L	0.003 mg/L	N/A	J-00137928
2, 4-D	0.192 mg/L	0.210 mg/L ± 10%	77.7%	0.040 mg/L	0.07 mg/L	N/A	J-00147489

*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 Reduction	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 Supply	Potable Water

Water Pressure	40-120 psi (276-827 kPa)
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. Contaminant reduction testing is conducted every five years by certifying agency to maintain certification.

Replacement Cartridge: MWF. For estimated costs of replacement elements please call 1.877.959.8688 or visit our website at 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.

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 (827 kPa). If your water pressure exceeds 80 psi (552 kPa), 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 **should** 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.



Performance Data Sheet

Model: GE Appliances XWF

■ System certified by IAPMO R&T against NSF/ANSI Standards 42, 53, 401 for the reduction of claims specified on the performance data sheet and at iapmort.org.

■ Actual performance may vary with local water conditions.

Substance Tested for Reduction	Influent challenge concentration (mg/L)	Maximum permissible product water concentration (mg/L)	Avg % Reduction
Chlorine Taste and Odor	2.0 mg/L +/- 10%	N/A	96.9
Chloramine Taste and Odor	3.0 mg/L +/- 10%	0.5	96.9
Particulate, Class I	At least 10,000/mL	N/A	91.4
Cysts	50,000/L	N/A	>99.99
Lead	0.15	0.01	98.85
Mercury	0.006	0.002	96.3
Asbestos	107 to 108 fibers/ L	N/A	>99
Toxaphene	0.015 +/- 10%	0.003	86.95
VOC (Chloroform surrogate chemical)	0.300	0.015	99.7
Alachlor	0.050	0.001	> 98
Atrazine	0.100	0.003	> 97
Benzene	0.081	0.001	> 99
Carbofuran	0.190	0.001	> 99
carbon tetrachloride	0.078	0.0018	98
chlorobenzene	0.077	0.001	> 99
chloropicrin	0.015	0.0002	99
2,4-D	0.110	0.0017	98
dibromochloropropane (DBCP)	0.052	0.00002	> 99
o-Dichlorobenzene	0.08	0.001	> 99
p-Dichlorobenzene	0.040	0.001	> 98
1,2-dichloroethane	0.088	0.0048	95
1,1-dichloroethylene	0.083	0.001	> 99
cis-1,2-dichloroethylene	0.170	0.0005	> 99
trans-1,2-dichloroethylene	0.086	0.001	> 99
1,2-dichloropropane	0.080	0.001	> 99
cis-1,3-dichloropropylene	0.079	0.001	> 99
dinoseb	0.170	0.0002	99
Endrin	0.053	0.00059	99
Ethylbenzene	0.088	0.001	> 99
ethylene dibromide (EDB)	0.044	0.00002	> 99
bromochloroacetonitrile	0.022	0.0005	98
dibromoacetonitrile	0.024	0.0006	98
dichloroacetonitrile	0.0096	0.0002	98
trichloroacetonitrile	0.015	0.0003	98
1,1-dichloro-2-propanone	0.0072	0.0001	99
1,1,1-trichloro-2-propanone	0.0082	0.0003	96
heptachlor (H-34, Heptox)	0.025	0.00001	>99
heptachlor epoxide	0.0107	0.0002	98
hexachlorobutadiene	0.044	0.001	> 98
hexachlorocyclopentadiene	0.060	0.000002	> 99
Lindane	0.055	0.00001	> 99
methoxychlor	0.050	0.0001	> 99
pentachlorophenol	0.096	0.001	> 99
simazine	0.120	0.004	> 97
Styrene	0.150	0.0005	> 99
1,1,2,2-tetrachloroethane	0.081	0.001	> 99
Tetrachloroethylene	0.081	0.001	> 99
Toluene	0.078	0.001	> 99
2,4,5-TP (silvex)	0.270	0.0016	99
tribromoacetic acid	0.042	0.001	> 98
1,2,4-Trichlorobenzene	0.160	0.0005	> 99
1,1,1-trichloroethane	0.084	0.0046	95
1,1,2-trichloroethane	0.150	0.0005	> 99
trichloroethylene	0.180	0.0010	> 99
bromoform	0.300	0.015	95
bromodichloromethane	0.300	0.015	95
chlorodibromomethane	0.300	0.015	95
xylenes	0.070	0.001	>99
Meprobamate	400 +/- 20%	60	95.5
Atenolol	200 +/- 20%	30	95.9
Carbamazepine	1400 +/- 20%	200	98.6
DEET	1400 +/- 20%	200	98.6
Metolachlor	1400 +/- 20%	200	98.7
Trimethoprim	140 +/- 20%	20	96.1
Linuron	140 +/- 20%	20	96.6
TCEP	5000 +/- 20%	700	98.1
TCPP	5000 +/- 20%	700	98.1
Phenytoin	200 +/- 20%	30	96
Ibuprofen	400 +/- 20%	60	95.9
Naproxen	140 +/- 20%	20	96.5
Estrone	140 +/- 20%	20	97.1
Bisphenol A	2000 +/- 20%	300	99.1
Nonyl phenol	1400 +/- 20%	200	97.3

Application Guidelines/Water Supply Parameters

Service Flow	0.5 gpm (1.89 lpm)
Water Supply	Potable Water
Water Pressure	25-120 psi (172-827 kPa)
Water Temperature	33°F-100°F (0.6°C-38°C)
Capacity	170 gallons (643.5 liters)

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: XWF. For estimated costs of replacement elements please call 1.877.959.8688 or visit our website at gewaterfilters.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.

NOTICE

To reduce the risk of water leakage or flooding, and to ensure optimal filter performance:

- 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 (827 kPa). If your water pressure exceeds 80 psi (552 kPa), 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).
- Change the disposable filter cartridge every six months or sooner if you observe a noticeable reduction in water flow rate.
- Failure to replace the disposable filter cartridge at recommended intervals may lead to reduced filter performance and cracks in the filter housing, causing water leakage or flooding.
- This System has been tested according to NSF/ANSI 42, 53 and 401 for the 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 and 401.



XWF System is certified by IAPMO R&T against NSF/ANSI Standards 42, 53, and 401 for the reduction of claims specified on the performance data sheet and at iapmort.org.

Notes

Consumer Support

GE Appliances Website

Have a question or need assistance with your appliance? Try the GE Appliances Website 24 hours a day, any day of the year! You can also shop for more great GE Appliances products and take advantage of all our on-line support services designed for your convenience. In the US: GEAppliances.com In Canada: GEAppliances.ca

Register Your Appliance

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 the US: GEAppliances.com/register

In Canada: Prodsupport.mabe.ca/crm/Products/ProductRegistration.aspx

Schedule Service

Expert GE Appliances 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. In the US: GEAppliances.com/service or call 800.432.2737 during normal business hours.

In Canada: GEAppliances.ca/en/support/service-request or call 800.561.3344

Extended Warranties

Purchase a GE Appliances extended warranty and learn about special discounts that are available while your warranty is still in effect. You can purchase it on-line anytime. GE Appliances Services will still be there after your warranty expires. In the US: GEAppliances.com/extended-warranty or call 800.626.2224 during normal business hours.

In Canada: GEAppliances.ca/en/support/purchase-extended-warranty or call 866.277.9842

Parts and Accessories

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.

In the US: GEApplianceparts.com or by phone at 877.959.8688 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 authorized GE Appliances service parts distributor, visit our website at GEAppliances.ca/en/products/parts-filters-accessories or call 800.661.1616.

Contact Us

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

In the US: General Manager, Customer Relations | GE Appliances, Appliance Park | Louisville, KY 40225

GEAppliances.com/contact

In Canada: Director, Consumer Relations, MC Commercial Inc. | Suite 310, 1 Factory Lane | Moncton, N.B. E1C 9M3

GEAppliances.ca/en/contact-us