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### **GEAppliances.com**

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#### Owner's Manual & Installation Instructions

GTW485\* GTW460 GTW410 GTW220 HTW220 HTW200

#### English/Français/Español





### ENERGY STAR

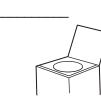
\*As an **ENERGY STAR®** partner, GE has determined that this product meets the **ENERGY STAR®** guidelines for energy efficiency.

Write the model and serial numbers here:

Model # \_\_\_\_\_

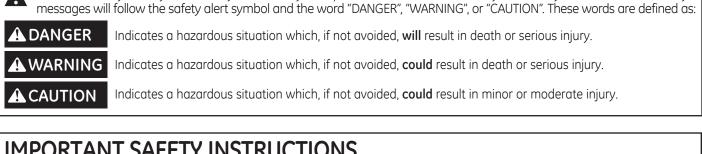
Serial # \_\_\_\_\_

You can find them under the lid of the washer.



2005

### IMPORTANT SAFETY INFORMATION. READ ALL INSTRUCTIONS BEFORE USING.



This is the safety alert symbol. This symbol alerts you to potential hazards that can kill you or hurt you and others. All safety

## IMPORTANT SAFETY INSTRUCTIONS

**WARNING** To reduce the risk of death, fire, explosion, electric shock, or injury to persons when using your appliance, follow basic precautions, including the following:

- Read all instructions before using the appliance.
- DO NOT wash or dry articles that have been previously cleaned in, washed in, soaked in or spotted with gasoline, drycleaning solvents, or other flammable or explosive substances, as they give off vapors that could ignite or explode.
- DO NOT add gasoline, dry-cleaning solvents, or other flammable or explosive substances to the wash water. These substances give off vapors that could ignite or explode.
- Under certain conditions, hydrogen gas may be produced in a hot-water system that has not been used for 2 weeks or more. HYDROGEN GAS IS EXPLOSIVE. If the hot water system has not been used for such a period, before using a washing machine, turn on all hot-water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, DO NOT smoke or use an open flame during this time.
- DO NOT allow children to play on or in this appliance. Close supervision of children is necessary when this appliance is used near children. Before the washer is removed from service or discarded, remove the door or lid. Failure to follow these instructions may result in death or injury to persons.
- DO NOT reach into the appliance if the tub or agitator is moving to prevent accidental entanglement.
- DO NOT install or store this appliance where it will be exposed to the weather.
- DO NOT tamper with controls, repair or replace any part of this appliance or attempt any servicing unless specifically recommended in the user maintenance instructions or in published user repair instructions that you understand and have the skills to carry out.
- DO NOT operate this appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts. including a damaged cord or plug.
- Unplug the appliance or turn off the circuit breaker before servicing. Pressing the *Power* button DOES NOT disconnect power.
- See "Electrical Requirements" located in the Installation Instructions for grounding instructions.

## SAVE THESE INSTRUCTIONS

### PROPER INSTALLATION

• This washer must be properly installed and located in accordance with the Installation Instructions before it is used.

- Ensure that the hot water hose is connected to the "H" valve and the cold water hose is connected to the "C" valve.
- Install or store where it will not be exposed to temperatures below freezing or exposed to the weather, which could cause permanent damage and invalidate the warranty.
- Properly ground washer to conform with all governing codes and ordinances. Follow details in Installation Instructions.

### A WARNING 👌 - Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

- DO NOT remove ground prong.
- **DO NOT** use an adapter.
- DO NOT use an extension cord.

Failure to follow these instructions can result in death or electrical shock.

Ensure washer is properly leveled and washer legs are adjusted such that unit is stable.

- Optional drain hose extension recommended for discharging heights from 60" - 96".
- This washer does not include water supply hoses.

GE strongly recommends the use of factory specified parts. A list of factory hoses available for purchase are listed. These hoses are manufactured and tested to meet GE specifications.

GE strongly recommends the use of new water supply hoses. Hoses degrade over time and need to be replaced every 5 years to reduce the risk of hose failures and water damage.

#### Parts and Accessories

Order on-line at *GEApplianceparts.com* today, 24 hours a day or by phone at 800.626.2002 during normal business hours. In Canada, visit your local GE parts distributor or call 800.661.1616.

Part Number	Accessory
PM14X10002 <i>Or</i>	4 ft rubber water supply hoses
PM14X10005	4 ft braided water supply hoses
WH49X301	Drain hose extension
PM7X1	Washer Floor Tray

### START-UP SEQUENCE

Any time the washer is being started or restarts after the washer lid has been opened and closed, the washer will turn on the cold water valve for two short periods followed by a 10 second pause before continuing. If the lid is opened during this period, the washer will pause. You will have to push the *Start* button again to restart the cycle.

### WHEN NOT IN USE

Turn off water faucets to minimize leakage if a break or rupture should occur. Check the condition of the fill hoses; GE recommends changing the hoses every 5 years.

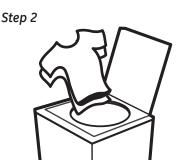
### SAVE THESE INSTRUCTIONS

## Operating instructions.

Throughout this manual, features and appearance may vary from your model.



- Add fabric softener to the fabric softener dispenser (on some models); see page 12.
- Add the manufacturer's recommended amount of detergent. GE recommends the use of High Efficiency detergents such as <u>he</u> in your energy efficient washer. Place detergent pods in the bottom of the wash basket before adding clothes.



- Loosely add items around agitator. Overloading may negatively impact wash performance. See page 11 for suggested loading examples.
- Close lid.

*NOTE*: Washer will not start with lid open.



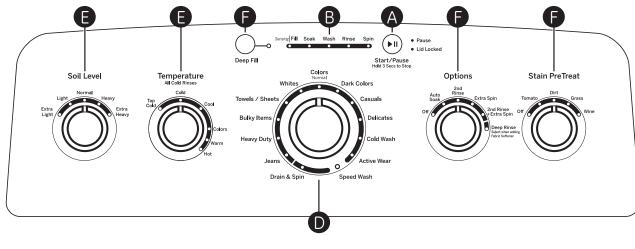
- Select wash cycle.
- Select wash options, including *Deep Rinse* option (on some models) when using fabric softener.
- Select options.

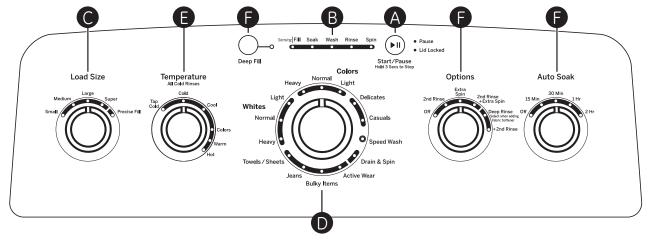


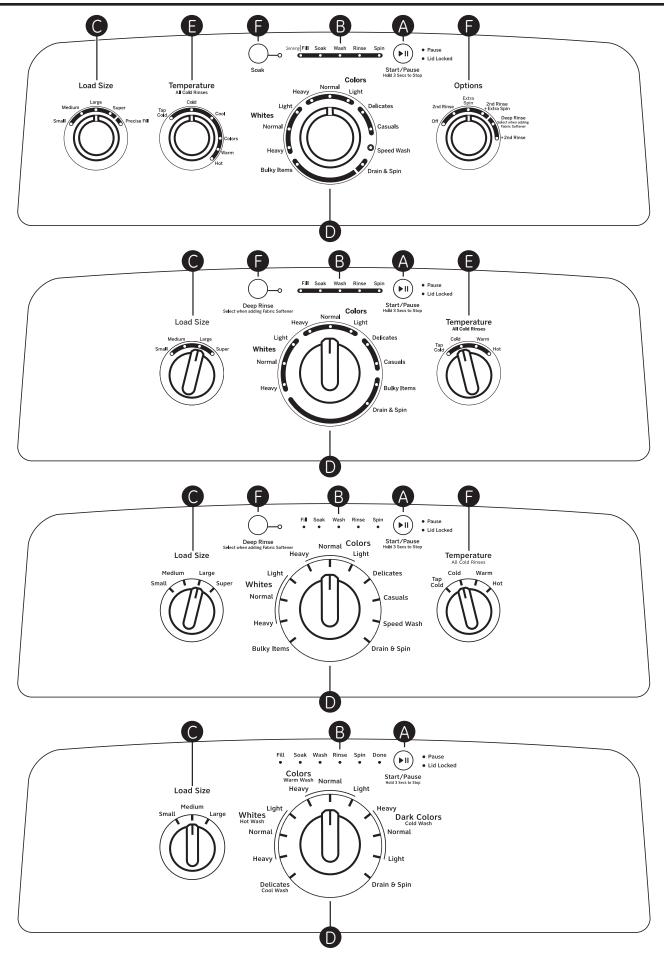
Step 4

• Press Start.

### Controls







## Operating instructions.

### A

Press Start to begin the cycle. NOTE: The lid must be closed for the washer to start the cycle. If the lid is closed, the lid will lock and the Lid Locked light will illuminate.

Pressing Pause will unlock the lid (if locked at that time), pause the cycle and the Pause indicator light will blink.

To continue the cycle, press **Start** again. If machine is paused more than 24 hours, the cycle will be cancelled. If water remains in the machine, select the **Drain & Spin** cycle to drain basket and spin water out of the washer basket.



#### Cycle Status Lights

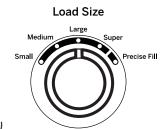
Start/Pause

Shows whether the washer is in the Fill, Soak, Wash, Rinse or Spin portion of the cycle.

#### Load Size (on some models)

Add 😥 detergent to the bottom of the basket and fabric softener to the dispenser (on some models) prior to loading clothes.

Loosely load items in the washer basket. Overloading may negatively impact wash performance. Adjust the load size accordingly.



Make the load selection:

#### Precise Fill (on some models)

- For convenience, best performance and optimal efficiency, select *Precise Fill* for models so equipped. This selection automatically provides the correct amount of water suited to the size and type of load placed in the unit. Lid will be locked for the duration of the load sensing process, which includes a series of short spins and a portion of the water fill.
- If you prefer to manually select the water level, select Small through Super. While Precise Fill is best for most loads and general washing, you may want to manually select the load size for specialty items such as bulky, lightweight comforters or pillows, where you want to ensure a larger water level is applied. Manual load size selections should be made for wet items placed in the washer, such as soaked towels or garments.
- The washer will not fill with water when *Precise Fill* is selected if the lid is opened. When the lid is closed the machine is able to begin filling with water in order to sense the load size.

**NOTE:** This is a high-efficiency washing machine. This system requires less water while providing effective cleaning action. You may notice that the water level is lower than on your previous washer. This is normal.



#### Wash Cycles-Cycle Selector Knob

The wash cycle controls the type of washing process. The cycle selector knob can be turned in either direction. Turning the knob after starting a cycle will stop the washer and change the cycle/options to the new selection. Press *Start* to begin the new cycle selection. The chart below will help you match the items to be washed with the best wash cycle settings. For optimal performance, select the cycle that most closely matches the items being washed.

Selections and options shown in **bold** are default settings for that cycle.

Some cycles and options may not be available on some models.

Items to Wash	Cycle	Wash Temp	Soil Level	Spin Selection	Options Available	Cycle Details
Heavily to lightly soiled colorfast cottons, household linens, work and play clothes.	Colors	Hot Warm Colors Cool Cold Tap Cold	Ex. Heavy Heavy <b>Normal</b> Light Ex. Light	Max/Extra Normal	Stain PreTreat Guide Deep Fill Auto Soak Deep Rinse 2nd Rinse	This is the normal cycle which is recommended for normally soiled cotton and linen items. Choose the Heavy or Extra Heavy soil level selection and Warm or Hot water temperature selection as appropriate for your clothes load for a higher degree of cleaning. Incorporates multi-stage fills and wash periods to provide optimal fabric care. For models on which there is no temperature selection on the control panel, this cycle provides a <b>Warm</b> wash temperature only.
Dark colored cottons, linens, and mixed loads.	Dark Colors	Hot Warm Colors Cool <b>Cold</b> Tap Cold	Ex. Heavy Heavy <b>Normal</b> Light Ex. Light	Max/Extra Normal	Stain PreTreat Guide Deep Fill Auto Soak <b>Deep Rinse</b> 2nd Rinse	Lower wash temperatures, a shorter wash period, and a deep fill rinse (on some models) minimizes fading and spotting of dark colored cotton fabrics. Incorporates multi-stage fills and wash periods to provide optimal fabric care. For models on which there is no temperature selection on the control panel this cycle provides a <b>Cold</b> wash temperature only.
Casual clothes, lightly soiled office wear.	Casuals	Hot Warm Colors Cool Cold Tap Cold	Ex. Heavy Heavy <b>Normal</b> Light Ex. Light	Max/Extra <b>Normal</b>	Stain PreTreat Guide Deep Fill Auto Soak Deep Rinse 2nd Rinse	Wash period tailored to care for casual clothes and office wear items. Incorporates multi-stage fills and wash periods to provide optimal fabric care.
Lingerie and special care fabrics with light to normal soil.	Delicates	Hot Warm Colors Cool <b>Cold</b> Tap Cold	Ex. Heavy Heavy <b>Normal</b> Light Ex. Light	Max/Extra Normal	Stain PreTreat Guide Deep Fill Auto Soak Deep Rinse 2nd Rinse	Utilizes a unique "tri-pulse" extra gentle agitate profile to provide special care to delicate fabrics. It is recommended to place small or ultra delicate items in mesh bags before washing. For models on which there is no temperature selection on the control panel, this cycle provides a <b>Cool</b> wash temperature only.
Medium to lightly soiled athletic wear items.	Active Wear	Hot Warm Colors Cool Cold Tap Cold	Ex. Heavy Heavy <b>Normal</b> Light Ex. Light	Max/Extra Normal	Stain PreTreat Guide Deep Fill Auto Soak Deep Rinse 2nd Rinse	Cycle designed for care of medium to lightly soiled active wear, aththletic wear, and technical fabrics. Incorporates a multi stage wash period with soak to effectively treat body soils and odors. Use the Heavy Duty cycle for heavily soiled sports clothing constructed of sturdy fabric.
Medium to dark colored cottons, linens, and mixed loads.	Cold Wash	Hot Warm Colors Cool Cold <b>Tap Cold</b>	Ex. Heavy Heavy <b>Normal</b> Light Ex. Light	Max/Extra Normal	Deep Fill Auto Soak Deep Rinse 2nd Rinse	Cycle combines multiple extended wash agitation periods with soak periods to provide enhanced cleaning performance and energy efficiency with colder water temperatures.

## Operating instructions.

### **D** Wash Cycles-Cycle Selector Knob - Continued

Items to Wash	Cycle	Wash Temp	Soil Level	Spin Selection	Options Available	Cycle Details
Small loads of lightly soiled items that are needed in a hurry.	Speed Wash	Hot Warm Colors Cool Cold Tap Cold	Ex. Heavy Heavy <b>Normal</b> Light Ex. Light	Max/Extra Normal	Stain PreTreat Guide Deep Fill Auto Soak Deep Rinse 2nd Rinse	Utilizes an expedited wash period and time saving continuous spray rinse to clean small lightly soiled loads in the fastest time possible.
Wet load of items. For items that need only to be rinsed, use this cycle with Deep Rinse option.	Drain & Spin			Max/Extra <b>Normal</b>	Deep Rinse 2nd Rinse	Utilizes a high speed spin to extract water from wet items. For items that need to be rinsed, select the Deep Rinse and/or 2nd Rinse option when using this cycle.
Jeans with medium to light soil. For heavily soiled work jeans, use the Heavy Duty Cycle.	Jeans	Hot Warm Colors Cool <b>Cold</b> Tap Cold	Ex. Heavy Heavy <b>Normal</b> Light Ex. Light	Max / Extra <b>Normal</b>	Stain PreTreat Guide Deep Fill Auto Soak Deep Rinse 2nd Rinse	Combines higher water levels, a specially designed agitation profile, and multi step wash and soak periods to care for jeans with medium to light soil. Use the Heavy Duty cycle for heavily soiled work jeans.
Sturdy fabrics with heavy to medium soil.	Heavy Duty	Hot <b>Warm</b> Colors Cool Cold Tap Cold	Ex. Heavy Heavy Normal Light Ex. Light	Max / Extra <b>Normal</b>	Stain PreTreat Guide Deep Fill Auto Soak Deep Rinse 2nd Rinse	Incorporates multi-step wash and soak periods combined with extended wash periods to effectively clean heavily to medium soiled sturdy fabrics.
Large coats, bed spreads, mattress covers, sleeping bags, and similar large bulky items.	Bulky Items	Hot Warm Colors Cool Cold Tap Cold	Ex. Heavy Heavy <b>Normal</b> Light Ex. Light	Max / Extra <b>Normal</b>	Stain PreTreat Guide <b>Deep Fill</b> Auto Soak <b>Deep Rinse</b> 2nd Rinse	Provides a Deep Fill/max fill wash water level to wash bulky items. Also incorporates a Deep Fill rinse to effectively rinse bulky items.
Towels. Sheets.	Towels / Sheets	Hot Warm Colors Cool Cold Tap Cold	Ex. Heavy Heavy <b>Normal</b> Light Ex. Light	Max / Extra <b>Normal</b>	Stain PreTreat Guide Deep Fill Auto Soak Deep Rinse 2nd Rinse	Cycle designed washing towels or sheets, using a higher water level and a soak period to effectively clean these items. It is recommended that towels and sheets be washed separately for best care and washing performance.
Heavy to medium soiled whites, household linens, work and play clothes.	Whites	Hot Warm Colors Cold Tap Cold	Ex. Heavy Heavy <b>Normal</b> Light Ex. Light	Max / Extra <b>Normal</b>	Stain PreTreat Guide Deep Fill Auto Soak Deep Rinse 2nd Rinse	Combines the hottest water temperature available (based on water heater setting) with longer wash periods to clean and brighten whites. It is recommended that a Oxi or chlorine bleach product appropriate for items being washed be used with this cycle to maximize whitening performance. For models on which there is no temperature selection on the control panel, this cycle provides a <b>Hot</b> wash temperature only.

## B

#### Settings

Select settings for agitation (*Soil*) and water temperature (*Temp*). *NOTE:* Longer *Spin* times typically reduce dryer time/energy usage (i.e. reduces total energy when using both a washer and a dryer).



#### Cycle Options

#### Stain PreTreat (on some models)

The *Stain PreTreat* feature allows you to indicate what stains are on the garments in your load. This feature incorporates a patent pending treatment method. An initial water fill is performed at a temperature tailored to the stain type selected and to an amount which enables a concentrated cleaning step. A stain scrubbing period, followed by an active soak, is conducted to effectively treat the stain. Then additional water is added to the selected temperature and the wash phase is conducted for the cycle selected.

This feature can be applied to most wash cycles as described in the cycle guide.

#### To use Stain PreTreat:

- 1. Select the desired wash cycle.
- 2. Select the stain to be treated under the Stain PreTreat options.



#### Stain PreTreat Guide

Category	Recommended Temperatures Treatment/Wash	Stain	For best results, before placing in washer:
Tomato	Cool/Warm	Sauce Catsup Salsa	Pretreat with liquid detergent or stain remover product; rinse with cool water.
Dirt	Cool/Warm	Dirt Clay Mud	Allow dirt to dry; remove loose dirt using a brush. Rinse with cool water.
Grass	Cold/Warm	Grass Lipstick Chocolate Gravy Mayonnaise BBQ Sauce	Pretreat with liquid detergent or stain remover product. Brush lightly; rinse with cold water.
Wine	Cool/Warm	Wine Soda Kool-Aid Tea Coffee Juice Beer	Pretreat with mixture of Oxi product and cool water. Add Oxi product along with detergent in the washer.

• Recommended temperatures are optimal for stain removal performance; adjust temperature selection to suit load being washed.

• Ensure stain is completely removed after wash cycle and before placing in dryer; very tough stains may require a second treatment.

## Operating instructions.



#### Cycle Options - Continued

#### Deep Fill

Select the Deep Fill feature for loads where extra water is needed.

Press the **Deep Fill** button once before starting the cycle to add an incremental amount of water to the wash load. Holding the **Deep Fill** button for 3 seconds will provide the deepest fill level possible; this will increase cycle time due to the additional time it takes to fill the washer.

To cancel the option if desired, press the **Deep Fill** button again.

**NOTE:** The **Deep Fill** button can also be pressed after the washer has completed filling and is in the wash phase if additional water is desired. To stop the extra fill, press the **Deep Fill** button again and the water will stop.

#### Auto Soak

This option begins with a brief agitation, soaks for a specified period of time, then moves through the rest of the cycle automatically.

#### 2nd Rinse

When you use extra detergent or bleach to clean heavily soiled clothes, use the 2nd Rinse option to better remove additional residues.

#### Extra Spin

Select to provide additional spin time, increasing energy efficiency through reducing drying times.

#### 2nd Rinse + Extra Spin

Provides both a second rinse and an extra spin.

#### Deep Rinse

Set this option to provide a deep rinse or when using fabric softener. This option may change other settings (e.g. **Spin** may go to a higher setting) to maximize performance.

NOTE: Do not use fabric softener dispensing balls with this washer. They do not work correctly in high efficiency washers.

### **Consumer Help Indicator**

Your washer is equipped with Consumer Help Indicator (CHI). CHI is our way to communicate a simple remedy for some situations that you can perform without the need to call for service. The chart below describes the helpful lights you may notice flashing when you return to the washer.

Spin LED	After the wash cycle, the clothing wasn't evenly distributed enough to spin out the water. Redistribute the clothes more evenly in the washer and then run a <b>Drain &amp; Spin</b> cycle.
<b>Rinse LED</b> (Water took too long to Pump Out)	Resume cycle or enter <b>Drain &amp; Spin</b> . If water pumps out, then the clog has likely cleared. If water remains in the washer, check for clogged or pinched drain hose. This situation could be more likely to appear, over time, if the external drain hose has been extended or restricted.
Fill LED (Water not entering washer)	Check your house water supply. Did you forget to turn on one or both supply valves after installation or coming back from vacation? As soon as the message starts to scroll, the washer will initiate a 3 minute lock-out period. The washer controls won't respond/change during this time. After the 3 minutes, you can begin your cycle again. If you try to bypass the lock-out period by unplugging the washer, the 3 minute timer will start over again.
Two LED lights flashing	If your machine has stopped itself before the cycle completed. The two furthest right LED lights will flash. This indicates that an error has occurred. Try to run a <b>Drain &amp; Spin</b> cycle to see if it will clear. If it does not clear, call 800.GE.CARES (800.432.2737) for service.

Always follow fabric manufacturer's care label when laundering.

## Proper Use of Detergent

Using too little or too much detergent is a common cause of laundry problems.

Use less detergent if you have soft water, a smaller load or a lightly soiled load.

For spots, apply pre-treatment to items as recommended on the product label. Application should be made in the basket to prevent overspray which may cause the coloring on the lid or graphics to fade.

Place detergent pods in the bottom of the wash basket before adding clothes.

GE recommends the use of High Efficiency detergents such as in your energy efficient washer. HE detergents are formulated to work with low water wash and rinse systems. HE detergents reduce the oversudsing problems commonly associated with regular detergents.

When using high efficiency or concentrated detergents, consult the product label to determine amount required for optimum performance. Excessive detergent will negatively impact wash performance.



## Sorting Wash Loads

Sort by color (whites, lights, colors), soil level, fabric type (sturdy cottons, easy care, delicates) and whether the fabric produces lint (terry cloth, chenille) or collects lint (velveteen, corduroy). Wash lint producers such as cotton towels and socks separate from lint collectors including synthetic garments and dress pants.

### A WARNING //// - Fire Hazard

Never place items in the washer that are dampened with gasoline or other flammable liquids. No washer can completely remove oil.

Do not dry anything that has ever had any type of oil on it (including cooking oils).

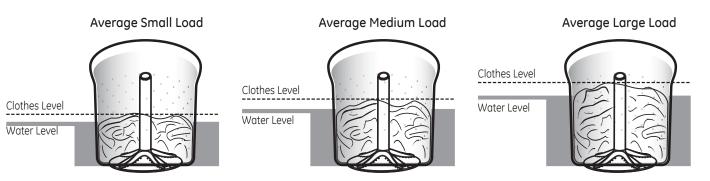
Doing so so can result in death, explosion, or fire.



## Loading the Washer

Load dry items loosely in the washer basket. For best results, load items evenly and loosely around the outside of the basket, filling in towards the center on larger loads. To add items after washer has started, press *Start/Pause* if the lid is locked; wait until the **Lid Lock** indicator on the display is no longer illuminated before attempting to open the lid. Lift the lid and submerge additional items around the outside of the basket. Close the lid and press *Start* to resume. Adjust load size selection and/or use *Deep Fill* option if necessary.

- Do not place large items such as sheets, blankets and towels across the Infusor (on some models). Load them around the outside of the basket.
- Do not put lawn or sofa cushions into the washer as they are too big to move. Remove outer covers and ONLY wash them.



## About washer features.

#### Automatic Load Sensing (on some models)

This determines the correct agitate profile, agitate duration and amount of water suited to the size and type of load placed in the washer. The washer will not start the wash cycle or fill with water if the lid is open. When the lid is closed the machine is able to begin filling with water in order to sense the load size.

**NOTE:** Automatic Load Sensing initiates a spin at the beginning of the cycle and will take as much as 3 minutes to complete (significantly shorter for smaller loads); this is normal operation.

**NOTE:** This is a high efficiency washing machine with agitator wash action. This system requires less water while providing effective cleaning action. You may notice that the water level is lower than on your previous washer. This is normal for an agitator-equipped washer.

ONLY this

portion of the

dispenser is

visible once

installed into agitator

#### Liquid Fabric Softener Dispenser (on some models)

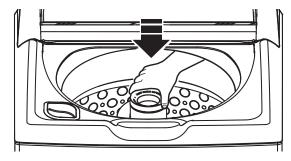
*The agitator cap* fits into the top of the agitator. If it accidentally comes off, simply put it back on.

*The fabric softener dispenser* automatically releases liquid fabric softener at the proper time during the cycle.

### Do not stop the washer or raise the lid during the first spin. This will cause the dispenser to empty too soon.

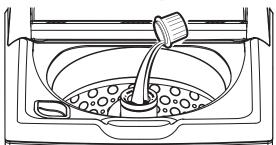
To use, follow these steps:

1 Make sure dispenser is securely attached to agitator.



ENBRIC SOFTEMERA

2 Use only liquid diluted fabric softener. Pour into dispenser, using amount recommended on package.



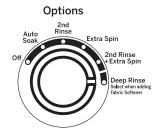
#### Never pour fabric softener directly on clothes. It may stain them.

3 Add water to dispenser until it reaches the maximum fill line.

Do not pour anything into the agitator if the agitator cap or dispenser is removed.



4 Select Deep Rinse option.



*Note:* Fabric softener may not dispense properly if the *Deep Rinse* option is not selected.

#### Liquid Bleach

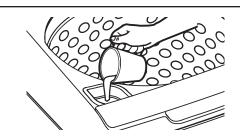
Liquid chlorine bleach should be added through the bleach dispenser in the *front left corner*. Follow bleach manufacturer's recommendations for the correct amount of liquid chlorine bleach based on load size, taking care to not apply or spill it directly on clothing.

**NOTE:** Do not use liquid chlorine bleach and laundry pretreatments such as an Oxi product in the same wash load.

#### Pretreatment

Place laundry pretreatments, such as an Oxi product, directly in the bottom of the wash basket before loading clothes.

**NOTE:** Do not use liquid chlorine bleach and laundry pretreatments such as an Oxi product in the same wash load.



#### Exterior of the Washer

Immediately wipe off any spills with a damp cloth.

#### Interior of the Washer

	Leave the lid open after washing to allow moisture to evaporate. If you want to clean the basket, use a clean soft cloth dampened with liquid detergent; then rinse. (Do not use harsh or gritty cleaners.)
Separate for cleaning	<ul> <li>Cleaning the Fabric Softener Dispenser (on some models)</li> <li>Remove the dispenser from the top of the agitator.</li> <li>Separate the dispenser cup from the cover by grasping the top and pushing down on the inside of the cup with your fingers. Dispenser cup will pop free from the cover.</li> <li>To clean the dispenser, soak both the dispenser cup and the dispenser cover in the following solution: <ul> <li>1 US gallon (3.8 liters) warm water</li> <li>1/4 cup (60 ml) heavy-duty liquid detergent</li> <li>1 cup (240 ml) bleach</li> </ul> </li> <li>If necessary, loosen buildup with a clean, soft cloth after soaking. Do not use a stiff brush; you may roughen the surface of the dispenser. Place dispenser back on the agitator.</li> </ul>
	Water Supply Hoses

#### Water Supply Hoses

Hoses connecting washer to faucet should be replaced every 5 years.

#### Moving and Storage

Ask the service technician to remove water from drain pump and hoses. Do not store the washer where it will be exposed to the weather.

#### Long Vacations

Be sure water supply is shut off at faucets. Drain all water from hoses and water filter pump area if weather will be below freezing.

# Installation Instructions

# Washer

#### If you have any questions, call 800.GE.CARES (800.432.2737) or visit our Website at: GEAppliances.com In Canada. call 1.800.561.3344 or visit www.GEAppliances.ca

This is the safety alert symbol. This symbol alerts you to potential hazards that can kill you 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.

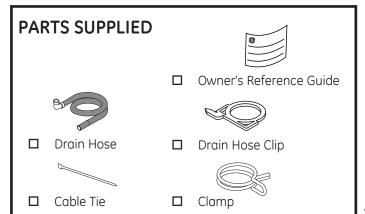
**A** WARNING Indicates a hazardous situation which, if not avoided, **could** result in death or serious injury.

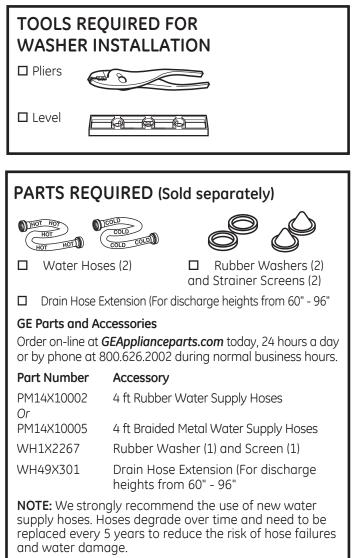
**CAUTION** Indicates a hazardous situation which, if not avoided, **could** result in minor or moderate injury.

## **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 and electrical skills.
- Completion time 1-3 hours
- Proper installation is the responsibility of the installer.
- Product failure due to improper installation is not covered under the Warranty.





14

### LOCATION OF YOUR WASHER

#### Do Not Install the Washer:

- In an area exposed to dripping water or outside weather conditions. The ambient temperature should never be below 60°F (15.6°C) for proper washer operation.
- 2. In an area where it will come in contact with curtains or drapes.
- **3.** On carpet. The floor **MUST** be a hard surface with a maximum slope of 1/2" per foot (1.27 cm per 30 cm). To make sure the washer does not vibrate or move, you may have to reinforce the floor.

**NOTE:** If floor is in poor condition, use 3/4" impregnated plywood sheet solidly attached to existing floor covering.

#### IMPORTANT: Minimum Installation Clearances - Alcove or Closet

- If your washer is approved for installation in an alcove or closet, there will be a label on the back of the machine describing requirements.
- Minimum clearance between washer and adjacent walls or other surfaces: 0" either side, 2" front, 3" rear. Vertical space from floor to overhead shelving, cabinets, ceiling, etc. = 60".
- Closet doors must be louvered or otherwise ventilated and require 60 square inches of opening near the top of the door and 60 square inches near the bottom of the door. If a dryer is located in the same closet, then these areas must be doubled.

**NOTE:** The clearances stated on this label are minimums. Consideration must be given to providing adequate clearances for installing and servicing.

### WATER SUPPLY REQUIREMENTS

WATER PRESSURE - Must be 20 psi minimum to 120 psi maximum.

WATER TEMPERATURE - Household water heater should be set to deliver water at 120° to 150°F (50° to 66°C) TO THE WASHER when hot wash is selected.

SHUTOFF VALVES - Both hot and cold shutoff valves (faucets) should be supplied.

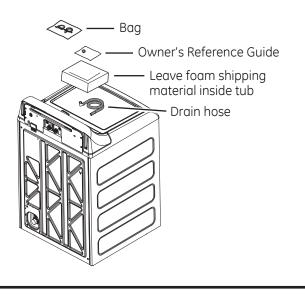
DRAIN - Water should be drained into standpipe. Discharge height MUST NOT BE LESS THAN 30 INCHES, and no more than 8 feet above the base of the washer. Standpipe must be 1-1/2 inches minimum inside diameter and must be open to atmosphere.

### 1 UNPACKING THE WASHER

After the machine is in the home, remove outside packing material/carton from washer.

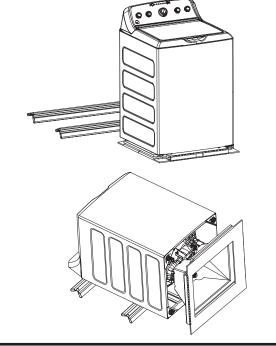
Remove bag (containing clamp, cable tie and drain hose clip), drain hose and Owner's Reference Guide from tub.

**NOTE:** Leave foam shipping material inside tub opening to hold tub in place during the rest of installation.



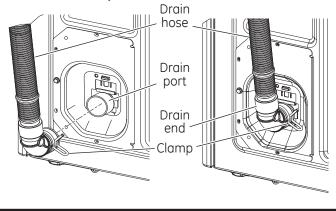
### **2 REMOVE THE BASE**

Remove base from unit by placing foot on side of base and tipping unit back on corner post. Remove base and bring the washer back upright.



### **3** CONNECT DRAIN HOSE TO WASHER

Connect drain hose to drain port on back of washer. Open clamp with pliers and slide onto hose end. Holding clamp open, push hose end onto drain port until fully seated. Release clamp between locating ribs on hose end. Outlet of hose end should be oriented vertically.

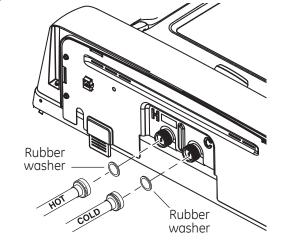


### **4** CONNECT WATER HOSES TO WASHER

Disconnect electrical cord before installing water hoses. If not installed, install rubber washer in one end of hot water hose. Thread hot water hose onto connection labeled **H** at top rear of washer. Hand tighten and use pliers to tighten hoses between 1/8 and 1/4 turn beyond hand-tight.

If not installed, install rubber washer in one end of cold water hose **C**. Thread cold water hose onto connection labeled **C** at top rear of washer. Hand tighten and use pliers to tighten hoses between 1/8 and 1/4 turn beyond hand-tight.

Move washer as close to final location as possible, leaving room for you to make water, drain, and electrical connections to your home.



#### 5 CONNECT WATER HOSES TO OUTLET VALVES

Determine which is HOT water line before attaching water hoses to faucets. Traditionally, HOT faucet is on left.

(If screen washers are not installed) With protruding part of screen toward you, install strainer screen/rubber washer into each of the free ends of two water hoses.

C

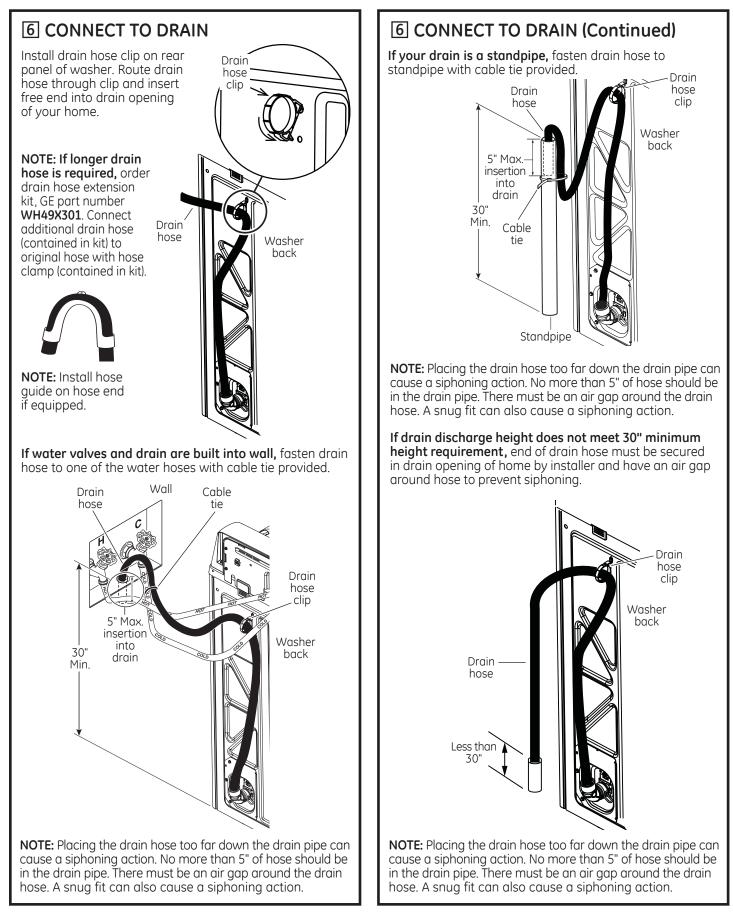
COLD (

Connect hot water hose to hot water outlet valve of your home. Hand tighten and use pliers to tighten hoses between 1/4 and 1/2 turn beyond hand-tight. Open hot water valve.

Connect cold water hose to cold water outlet valve of your home. Hand tighten and use pliers to tighten hoses between 1/4 and 1/2 turn beyond hand-tight. Open cold water valve.

Check for leaks and drips at the hose couplings. Tighten as necessary.

## **Installation Instructions**



### ELECTRICAL REQUIREMENTS

### A WARNING

#### 🖞 - Fire Hazard

Plug into a grounded 3-prong outlet.

**DO NOT** remove 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.

**CIRCUIT** – Individual, properly polarized and grounded 15 or 20 amp circuit breaker or time-delay fuse.

**POWER SUPPLY** – 2 wire plus ground, 120 Volt, single phase, 60 Hz, alternating current.

Outlet Receptacle – Properly grounded 3-prong receptacle to be located so the power cord is accessible when the washer is in an installed position. If a 2-prong

receptacle is present, it is the owner's responsibility to have a licensed electrician replace it with a properly grounded 3-prong grounding type receptacle.



Washer must be electrically grounded in accordance with local codes and ordinances, or in the absence of local codes, in accordance with the NATIONAL ELECTRICAL CODE, ANSI/NFPA NO. 70 latest edition. Check with a licensed electrician if you are not sure that the washer is properly grounded.

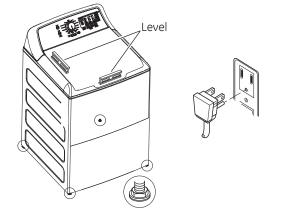
### **7** CONNECT POWER AND INSTALL

Make sure large dial control (on some models) on washer is pushed in to the OFF position.

Insert plug of electrical cord into a 115V, 15- or 20-amp wall receptacle. Move washer into final position. Place level on flat top side edge and side of washer. Adjust all four leveling legs until washer is level left-to-right and front-to-back. Remove level.

Open tub lid. Remove and discard tub shipping material (see Step 1).

Remove plastic protector sheet from control panel face.



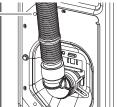
### **GROUNDING INSTRUCTIONS**

This appliance must be grounded. In the event of malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This appliance is equipped with a cord having an equipment- grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

**WARNING** Improper connection of the equipmentgrounding conductor can result in a risk of electrical shock. Check with a qualified electrician, or service representative or personnel, if you are in doubt as to whether the appliance is properly grounded. **DO NOT** modify the plug on the power supply cord. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

If required by local codes, an external 18 gauge or larger copper ground wire (not provided) may be added. Attach to washer cabinet with a  $\#10-16 \times 1/2$ " sheet metal screw (available at any hardware store) to rear of washer as illustrated.

Attach ground wire and ground screw (obtain locally)



Washer back

#### Mobile Home Installation:

Installation must conform to Standard for Mobile Homes, ANSI A119.1 and National Mobile Home Construction and Safety Standards Act of 1974 (PL93-383).

### FINAL CHECKLIST

#### Before starting the washer, check to make sure:

- □ Main power is turned on.
- □ The washer is plugged in.
- □ The water faucets are turned on.
- □ The unit is level and all four leveling legs are firmly on the floor.
- □ The shipping foam and cardboard are removed.
- □ The drain hose is properly tied up.
- □ There are no leaks at the faucet, drain line or washer.

#### Run the washer through a complete cycle.

- □ Check for water leaks and proper operation.
- Place these instructions in a location near the washer for future reference.

WATER **Possible Causes** What To Do Small amount of water Normal dispenser It is normal for a small amount of water to remain in dispenser after the remaining in dispenser operation cycle. (on some models) at end of cycle Short spray and delay Lid was opened and closed This is normal. See START-UP SEQUENCE in the Safety Instructions after pushing the Start between cycle selection section. and start button Water level seems low This is normal Water may not cover the top level of the clothes. This is normal for this high efficiency washer. Low water flow Water valve screens are Turn off the water source and remove the water connection hoses from the upper back of the washer and the water faucets. Clean both the stopped up hose screens (if so equipped) and the screens in the machine using a brush or a toothpick. Reconnect the hoses and turn the water back on. Check to ensure there are no leaks at the connections. The drain hose must exceed 32" height at some point between Water siphoning out Drain standpipe is too the washer back and the drain pipe. Use anti-siphon clip. See the of washer low or hose too far into standpipe Installation Instructions. Too many suds Soft water Try less detergent. Measure your detergent carefully. Use less soap if you have soft water, a smaller load or a lightly soiled load. Too much detergent Type of detergent Switch to High Efficiency detergent such as (he) Water leaks Type of detergent Switch to High Efficiency detergent such as Using too much detergent Use less detergent. Use less soap if you have soft water, a smaller load in washer or a lightly soiled load. Make sure hose connections are tight at faucets and rubber washers Fill hoses or drain hose is are installed. Make sure end of drain hose is correctly inserted in and improperly connected secured to drain facility. Household drain clogged Check household plumbing. You may need to call a plumber. Make sure drain hose does not make contact with the wall. May cause Drain hose rubs on wall excessive wear on the hose. Constant water pressure to Tighten hoses at the faucets. fill hoses at water source Check condition of the fill hoses; they should be replaced every 5 years. Water temperature Cooler water temperatures New laundry detergents have been formulated to work with cooler seems incorrect provide improved energy water temperatures without affecting wash performance. efficiency Turn both hot and cold faucets fully on and make sure hoses are Water supply is turned off or improperly connected connected to correct faucets. NOTE: Water valves are marked "H" and "C". Water valve screens are Turn off the water source and remove the water connection hoses from the upper back of the washer and the water faucets. Clean both the stopped up hose screens (if so equipped) and the screens in the machine using a brush or a toothpick. Reconnect the hoses and turn the water back on. Check to ensure there are no leaks at the connections. Cool/Cold Water when This is normal. The washer senses water temperature (on some models) selecting Hot and optimizes for best results. Cold water is added periodically when hot is selected. House water heater is not Make sure house water heater is delivering water at 120°F–140°F (48°C-60°C). set properly

Save time and money! Review the charts on the following pages, or visit **GEAppliances.com**. You may not need to call for service.

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WATER	Possible Causes	What To Do
Water pumped out before cycle is complete	Lid lifted or cycle was put in pause for over 24 hours	Reset cycle.
Water won't drain	Drain hose is kinked or improperly connected	Straighten drain hose and make sure washer is not sitting on it. Top of drain outlet should be less than 6 ft (1.8 m) above floor.
Washer spins and pauses at the beginning of cycles	This is normal	The washer is sensing the load.
Washer pauses during wash cycle	The Soak Option was chosen	This is normal. The washer alternates between agitate and soak during these cycles to get your clothes cleaner with less wear.
	This is normal	Many cycles incorporate as series of soaks within the agitation period to get your clothes clean with less wear.

OPERATION	Possible Causes	What To Do
Residual powder in dispenser or clogging of dispensers (on some models)	Wash water too cold or low home water pressure	Select a warmer wash temperature if possible to improve dissolving of detergent or use liquid detergent. Make sure siphon caps are free of debris and fully pressed into position. Remove and clean tray if clogging occurs.
Laundry additives dispensing too soon (Dispensers on some models)	Overfilling of dispensers	Do not overfill or add water to dispenser. Select <b>Deep Rinse</b> option when using fabric softener.
Washer pauses during spin cycle	This is normal	The washer may pause during the spin cycle to remove soapy water more efficiently.
Washer won't operate	Washer is unplugged	Make sure cord is plugged securely into a working outlet.
	Water supply is turned off	Turn both hot and cold faucets fully on.
	Controls are not set properly	Check controls.
	Lid is open—safety feature prevents agitation and spinning when lid is up	Close lid and press <b>Start</b> .
	Circuit breaker/fuse is tripped/blown	Check house circuit breakers/fuses. Replace fuses or reset breaker. Washer should have a separate outlet.
	Electronics need to be reset	Unplug washer, wait 2 minutes, plug back in and press Start.
	Start was not pressed	Press <b>Start</b> .
Detergent packets not dissolving	Laundry detergent packet placed in dispenser	Laundry detergent packets should not be used in the dispensers. They should only be added directly to the wash basket following the manufacturer's directions.
Unexplained time and/ or settings changes	Changing options (on some models)	This is normal. Several options will change other options to maximize washer performance.
Basket seems loose	Basket moves or rotates freely	Washer basket does not have a traditional brake. Washer basket will move freely. This is normal.

PERFORMANCE	Possible Causes	What To Do
Colored spots	Incorrect use of fabric softener	Check fabric softener package for instructions and follow directions for using dispenser. Make sure you have selected the <i>Deep Rinse</i> option. Pretreat stain and rewash using <i>Speed Wash</i> cycle before drying.
	Dye transfer	Sort whites or lightly colored items from dark colors.
Grayed or yellowed	Detergent amount	Be sure to follow detergent manufacturer's directions.
clothes	Hard water	Use a water conditioner or install a water softener.
	Water is not hot enough	Make sure water heater is delivering water at 120°F–140°F (48°C–60°C).
	Washer is overloaded	Loosely load clothes no higher than the top row of holes in the washer basket. For best results, load items around the outside of the basket.
	Dye transfer	Sort clothes by color. If fabric label states wash separately, unstable dyes may be indicated.
Lint or residue on clothes	Clothes are air or line dried	If you do not dry your clothes with a clothes dryer, your clothes may retain more lint.
	Incorrect sorting	Separate lint producers from lint collectors.
	Washing too long	Wash small loads for a shorter time using <i>Light</i> <b>Soil</b> setting.
	Detergent not dissolving	Rewash; next time: Try a liquid detergent Use warmer water temperature.
	Overloading	Loosely load clothes in the washer basket. For best results, load items around the outside of the basket.
	Incorrect use of fabric softener	Check fabric softener package for instructions and follow directions for using dispenser. Make sure you have selected the <i>Deep Rinse</i> option.

PERFORMANCE	Possible Causes	What To Do
Clothes too wet	No spin selected	Select a spin option.
	Incorrect cycle selected	Make sure the cycle selected matches the load you are washing. Some fabrics will feel wetter when rinsed with cold water.
	Wash load out of balance	Redistribute load in washer and run through Drain & Spin cycle.
Pilling	Result of normal wear on poly-cotton blends and fuzzy fabrics	While this is not caused by the washer, you can slow the pilling process by washing garments inside out.
Snags, holes, tears, rips or excessive wear	Pins, snaps, hooks, sharp buttons, belt buckles, zippers and sharp objects left in pockets	Fasten snaps, hooks, buttons and zippers. Remove loose items like pins, objects in pockets and sharp buttons. Turn knits (which snag easily) inside out.
	Undiluted chlorine bleach	Check bleach package instructions for proper amount. Never add undiluted bleach to wash or allow clothes to come in contact with undiluted bleach.
	Chemicals like hair bleach or dye, permanent wave solution	Rinse items that may have chemicals on them before washing. Use <b>Speed Wash</b> cycle with <b>Extra Rinse</b> option.
Wrinkling	Incorrect wash and dry cycles	Match Cycle selection to the type of fabric you are washing (especially for easy care loads).
	Improper sorting	Avoid mixing heavy items (like jeans) with light items (like blouses). Try a fabric softener.
	Overloading	Loosely load clothes in the washer basket.
	Repeated washing in water that is too hot	Wash in warm or cold water.

SOUNDS	Possible Causes	Reason
Washer seems too quiet	Quiet by design	The washer is very quiet during portions of the wash cycle.
"Clicking"	Shifter mechanism is engaging or disengaging	The drive system will engage at the start of agitate and disengage when agitate is complete. This occurs multiple times during the wash.
Back and forth "swoosh"	Electric motor reversing direction	This sound is the motor rotating back and forth to clean your laundry.
Quick short agitation sounds at end of agitate	Clothing redistribution	At the end of agitate, the motor makes short agitation strokes to redistribute the load.
"Click" when water stops filling	Relay switch	The relay makes a click sound when activated. The water level activates the relay and stops filling.
"Clicking" behind Control during fill	Automatic Temperature Control Valve	Two valves mix cold and hot water. The "clicking" is when either valve turns on or off to raise or lower the fill water temperature.
Water flow changes during fill	Automatic Temperature Control Valve	Two valves mix cold and hot water. The "clicking" is when either valve turns on or off to raise or lower the fill water temperature.
Motor sounds during spin	Motor ramping up/down during spin cycle	The motor will speed up incrementally during the spin cycle. When spin is complete, it will coast until it stops.
"Humming"	Water drain pump	The drain pump will make a humming sound when pumping out water after agitation stops and continue until spin is complete.
	Drive motor	The drive motor will make a "humming" sound during the wash and spin phases of the cycle.
"Gurgling"	Water drain pump	When the pump starts drawing in air, It starts to gurgle. The washer should then begin spinning and the sound will continue until it is done spinning.
Water "swishing"	Washing process	Water swishing while the unit is agitating is normal, especially with smaller loads.
Washer rocking/ moving	Washer leveling legs uneven	To level the washer, adjust the leveling legs by rotating the individual leg in the proper direction for up or down.
"Squeaking" sound	Washer not level and rubbing on cabinet	To level the washer, adjust the leveling legs by rotating the individual leg in the proper direction for up or down.

## GE Appliances Washer Warranty.



All warranty service provided by our Factory Service Centers, or an authorized Customer Care<sup>®</sup> technician. To schedule service, in the United States, visit us on-line at GEAppliances.com, or call 800.GE.CARES (800.432.2737). In Canada, visit GEAppliances.ca or call 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.

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

#### For The Period Of: We Will Replace:

One YearAny factory specified part of the washer which fails due to a defect in materials or workmanship.From the date of the<br/>original purchaseDuring this limited one-year warranty, we will also provide, free of charge, all labor and related<br/>service to replace the defective part.

#### What Is Not Covered:

- 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.
- Replacement of house fuses or resetting of circuit breakers.
- Products which are not defective or broken, or which are working as described in the Owner's Manual.
- Damage to the product caused by accident, fire, floods or acts of God.
- Incidental or consequential damage caused by possible defects with this appliance.
- Defects or damage due to operation in freezing temperatures.
- Damage caused after delivery.
- 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.

#### In the United States:

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

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

#### Warrantor: General Electric Company. Louisville, KY 40225

#### In Canada:

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

Some provinces 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 province to province. To know what your legal rights are, consult your local or provincial consumer affairs office.

Warrantor: MC Commercial, Burlington, ON, L7R 5B6

## 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! For greater convenience and faster service, you can now download Owner's Manuals, order parts or even schedule service on-line. **In Canada: www.GEAppliances.ca** 



## Schedule Service

Expert GE repair service is only one step away from your door. Get on-line and schedule your service at your convenience any day of the year! Or call 800.GE.CARES (800.432.2737) during normal business hours. **In Canada, call 1.800.561.3344** 



## Real Life Design Studio

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

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

## Extended Warranties

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



## Parts and Accessories

#### In the U.S.: GEAppliances.com

In the U.S.: GEAppliances.com

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

In the U.S.: GEAppliances.com

In the U.S.: GEAppliances.com

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

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

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

In Canada, consult your local listings for your nearest GE parts distributor or call 800.661.1616.



## Contact Us

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

Louisville, KY 40225

#### In Canada: www.GEAppliances.ca, or write to:

Director, Consumer Relations, MC Commercial Suite 310, 1 Factory Lane Moncton, N.B. E1C 9M3

For questions on installation call 1-800-626-2000 (US) and 1-800-561-3344 (Canada).



## Register Your Appliance

### In the U.S.: **GEAppliances.com**

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