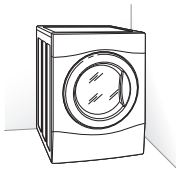
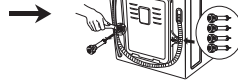


# INSTALLATION

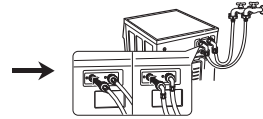
## Installation Overview



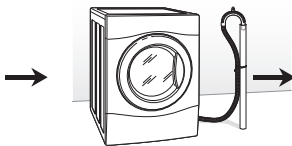
Choosing the proper location



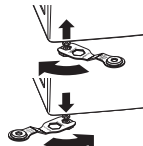
Unpacking and removing shipping bolts



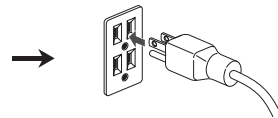
Connecting the water line



Connecting the drain line



Leveling the washer



Connecting to the power supply



Testing the washer

### ⚠ WARNING

- Washer is heavy! Two or more people are required when moving and unpacking the washer. Failure to follow this warning can result in back or other injury.
- Store and install the washer where it will not be exposed to temperatures below freezing or exposed to outdoor weather conditions. Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- Properly ground washer to conform with all governing codes and ordinances. Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- To reduce the risk of electric shock, do not install the washer in humid spaces. Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- The base opening must not be obstructed by carpeting when the washer is installed on a carpeted floor.
- Do not remove ground prong. Do not use an adapter or extension cord. Plug into a grounded 3-prong outlet. Failure to follow this warning can cause serious injury, fire, electric shock, or death.

## Choosing the Proper Location

Install the washing machine on a solid floor that is strong and rigid enough to support the weight of the washing machine, even when fully loaded, without flexing or bouncing. If the floor has too much flex, you may need to reinforce it to make it more rigid. If the floor is not solid, it may cause severe vibration and noise.

- 1 Clean the floor before installation.
  - Make sure to select solid and smooth ground.
- 2 Two or more people are needed for moving and unpacking the washing machine.
- 3 Allow for sufficient space between the walls and the washing machine for installation.

### Space Requirements

You must allow sufficient space for water lines, the drain line, and airflow.

#### NOTE

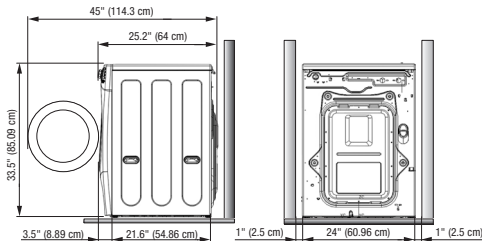
- Be sure to allow for wall, door, or floor moldings that may increase the required clearances.

#### NOTE

- The floor must be strong and rigid enough to support the weight of the washer, when fully loaded, without flexing or bouncing. If your floor has too much flex, you may need to reinforce it to make it more rigid.
 

A floor that is adequate for a top-loading washer may not be rigid enough for a front loading washer, due to the difference in the spin speed and direction. If the floor is not solid, your washer may vibrate and you may hear and feel the vibration throughout your house.
- Before installing the washer, make sure the floor is clean, dry and free of dust, dirt, water and oils so the washer feet can not slide easily. Leveling feet that can move or slide on the floor can contribute to excess vibration and noise due to poor contact with the floor.
- If a drip pan must be used, take extra care to follow the instructions provided with the drip pan and make sure the leveling feet are adjusted for firm and even contact with the pan. Use of drip pans and failure to properly level the machine may result in increased vibration and noise during operation.

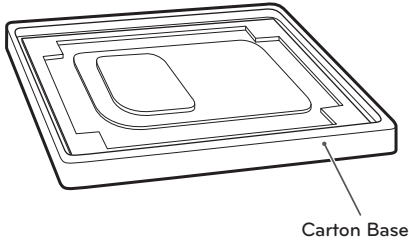
### Clearances



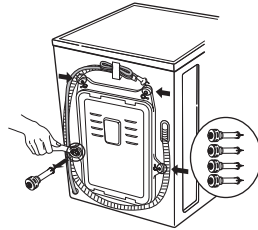
## Unpacking and Removing Shipping Bolts

Remove the washer from the carton base.

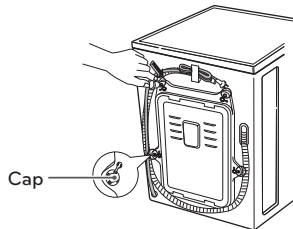
If you must lay the washer down to remove the base packaging materials, always lay it carefully on its side. Do not lay the washer on its front or back.



- 1 Starting with the bottom two shipping bolts, use the wrench (included) to fully loosen all four shipping bolts by turning them counterclockwise. Remove the bolt assemblies by wiggling them slightly while pulling them out.



- 2 Locate the four hole caps included in the accessory pack and install them in the shipping bolt holes.

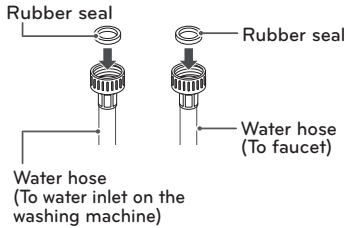


### ! NOTE

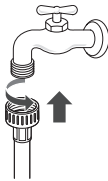
- Save the bolt assemblies for future use. To prevent damage to internal components, do not transport the washer without reinstalling the shipping bolts.
- Failure to remove shipping bolts and retainers may cause severe vibration and noise, which can lead to permanent damage to the washer. The cord is secured to the back of the washer with a shipping bolt to help prevent operation with shipping bolts in place.

## Connecting the Water Lines

- 1 Check the rubber seals on both sides of the hose.
  - Insert a rubber seal into the threaded fittings on each hose to prevent leaking.



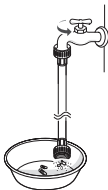
- 2 Connect the water supply hoses to the HOT and COLD water faucets tightly by hand and then tighten another 2/3 turn with pliers.
  - Connect the blue hose to a cold water faucet and the red hose to a hot water faucet.



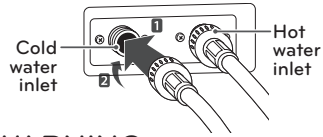
### ⚠ WARNING

- Do not overtighten. Damage to the coupling can result.

- 3 After connecting the inlet hoses to the water faucets, turn on the water faucets to flush out foreign substances (dirt, sand or sawdust) in the water lines. Let the water drain into a bucket, and check the water temperature.



- 4 Connect the hoses to the water inlets tightly by hand and then tighten another 2/3 turn with pliers.
  - Connect the blue hose to the cold water inlet and the red hose to the hot water inlet.



### ⚠ WARNING

- Do not overtighten the hoses. Overtightening can damage the valves resulting in leaking and property damage.

- 5 Check for leaks by turning on the faucets.
  - If water leaks, check steps 1 to 4 again.

### ⓘ NOTE

- For your safety, and for extended product life, use only authorized components. The manufacturer is not responsible for product malfunction or accidents caused by the use of separately purchased, unauthorized parts.
- Use new hoses when installing the washing machine. Do not reuse old hoses.
- Contact LG Customer Service for Assistance in buying hoses : 1-800-243-0000.
- Periodically check the hoses for cracks, leaks and wear, and replace the hoses every 5 years. Do not stretch the water hoses intentionally, and make sure that they are not crushed by other objects.
- Water supply pressure must be between 20 psi and 120 psi (138 – 827 kPA). If the Water supply pressure is more than 120 psi, a Pressure reducing valve must be installed.
- To provide optimum washing performance the hot water temperature should be set at 120 – 135°F (48-57°C) and the cold at 60°F (15°C).

### Connecting the Drain Line

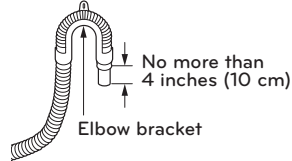
Secure the drain hose in place to prevent moving and leaking.

#### NOTE

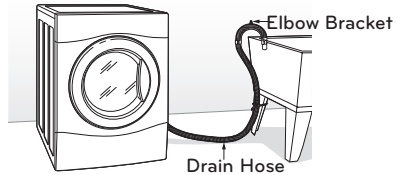
- The drain hose should be properly secured. Failure to properly secure the drain hose can result in flooding and malfunction.
- Total height of the hose end should not exceed 96 inches (244.8 cm) from the bottom of the washer.
- The drain must be installed in accordance with any applicable local codes and regulations.
- Make sure that the water lines are not stretched, pinched, crushed, or kinked.

### Using a Laundry Tub

- 1 Clip the end of the hose into the elbow bracket.
  - Connect the elbow bracket within 4 inches (10 cm) of the end of the drain hose. If the drain hose is extended more than 4 inches (10 cm) beyond the end of the elbow bracket, mold or microorganisms could spread to the inside of the washer.



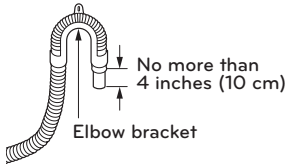
- 2 Hang the end of the drain hose over the side of the laundry tub.



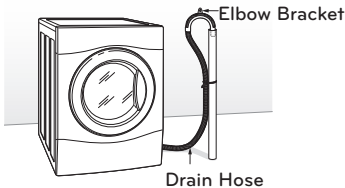
- 3 Use a tie strap to secure the drain hose in place.

### Using a Standpipe

- 1 Clip the end of the hose into the elbow bracket.
  - Connect the elbow bracket within 4 inches (10 cm) of the end of the drain hose. If the drain hose is extended more than 4 inches (10 cm) beyond the end of the elbow bracket, mold or microorganisms could spread to the inside of the washer.



- 2 Insert the end of the drain hose into the standpipe.

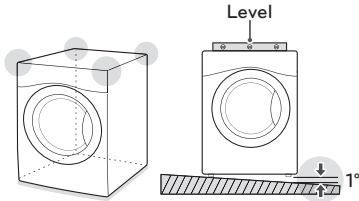


- 3 Use a tie strap to secure the drain hose in place.

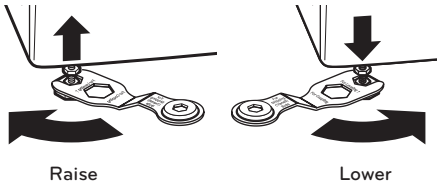
## Leveling the Washer

The drum of your new washing machine spins at very high speeds. To minimize vibration, noise, and unwanted movement, the floor must be perfectly level and solid.

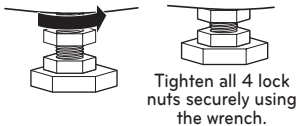
- 1 Check that the washing machine is level.
  - Ensure it is level by rocking the top edges of the washing machine or placing a level on the washing machine. The slope beneath the washing machine must not exceed 1°, and all four leveling feet must rest firmly on the floor.



- 2 Turn the lower leveling feet clockwise to level the washing machine.
  - Turning the lower leveling feet clockwise raises the washing machine.



- 3 Turn the locknuts counterclockwise and tighten them when the washing machine is level.



- 4 Check again to make sure the machine is level.
  - Push or rock the top edges of the washing machine gently to make sure that the washing machine does not rock.
  - If the washing machine rocks, repeat steps 1 to 3.

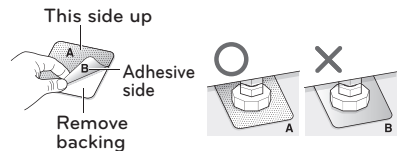
### ⚠ WARNING

- Using the washing machine without leveling, it may result in malfunction caused by the production of excess vibration and noise.
- If you are installing the washing machine on the optional pedestal, you must adjust the leveling feet on the pedestal to level the washing machine. The washing machine's leveling feet should be minimized and the locknuts turned counterclockwise to secure them.
- Use the leveling feet only when you level the washing machine. If you raise the leveling feet unnecessarily, it may cause abnormal vibration of the washing machine.

### Using Non-Skid Pads (Optional)

If you install the washing machine on a slippery surface, it may move because of excessive vibration. Incorrect leveling may cause malfunction through noise and vibration. If this occurs, lay the non-skid pads under the leveling feet and adjust the level.

- 1 Clean the floor to attach the non-skid pads.
  - Use a dry rag to remove and clean foreign objects or moisture. If moisture remains, the non-skid pads may slip.
- 2 Adjust the level after placing the washing machine in the installation area.
- 3 Place the adhesive side of the non-skid pad on the floor.
  - It is most effective to install the non-skid pads under the front legs. If it is hard to place the pads under the front legs, place them under the back legs.



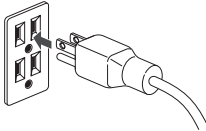
- 4 Check the washing machine's level again.
  - Push or rock the top edges of the washing machine gently to make sure that the washing machine does not rock. If the washing machine rocks, level the washing machine again.

## Connecting to the Power Supply

Make sure to ground the washing machine to prevent a short circuit or an electric shock when plugging in.

### Using a 3-Prong Outlet

If plugged into a grounded, 3-prong outlet rated for use with this appliance, no further grounding is necessary.



### ⚠ WARNING

- The power outlet must be within 60 inches (1.5 m) of either side of the washer.
- The appliance and outlet must be positioned so that the plug is easily accessible.
- Do not overload the outlet with more than one appliance.
- The outlet must be grounded in accordance with current wiring codes and regulations.
- Time-delay fuse or circuit breaker is recommended.
- It is the personal responsibility and obligation of the product owner to have a proper outlet installed by a qualified electrician.
- Do not use a worn or damaged power cord or power plug. Replace or repair worn or damages cords or plugs it immediately. Failure to do so may result in death, fire, electric shock, or malfunction.
- Do not modify the power cord and take care not to damage it when installing or moving the washing machine. Failure to follow this warning may result in death, fire, electric shock, or malfunction.
- Make sure that the washing machine is grounded.
- Connect this washing machine to a grounded outlet conforming to the rating prior to use. Failure to do so may result in fire, electric shock, or malfunction.
- Do not use adaptors or extension cords. The washing machine should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating plate. Failure to do so may result in fire, electric shock or malfunction.
- Do not damage or cut off the ground prong of the power cord. Doing so may cause death, fire, electric shock, or product malfunction.

## Testing the Washer

Check if the washing machine is properly installed and run a test cycle.

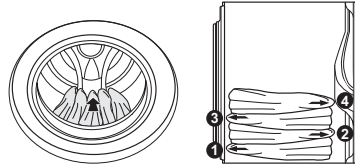
- 1 Load the washing machine with 6 pounds of laundry (approximately 14 shirts).
- 2 Press the Power button and turn the cycle selector knob to the right.
- 3 Press the Rinse+Spin button to select Rinse+Spin.
- 4 Press the Start/Pause button.
  - The wash cycle starts.
- 5 Check if water is supplied, that the washing machine does not rock or vibrate excessively, and that it drains well during the spin cycle.
  - If water leaks during water supply, see page 14, Connecting the water lines, to connect them properly.
  - If the washing machine rocks and vibrates excessively, see page 16, Leveling the washing machine, to level it again.
  - If the drain does not work, see page 15, Connecting the drain line, to install it properly.

# PREPARATION

## Sorting Wash Loads

Read and observe the following to prevent shrinkage or damage to clothes.

- ◆ Check all pockets to make sure that they are empty.
  - Items such as clips, matches, pens, coins, and keys can damage both your washer and your clothes.
- ◆ Close zippers, hooks, and drawstrings to prevent these items from snagging or tangling on other clothes.
- ◆ Pretreat heavily stained areas before washing.
  - Doing so will produce clean, stain-free results.
- ◆ Combine large and small items in a load. Load large items first.
- ◆ Large items should not be more than half of the total washload.
- ◆ The washer can be fully loaded, but the drum should not be tightly packed with items.
  - The door of the washer should close easily.
- ◆ Do not wash single items, except for bulky items such as blankets. Make sure to wash laundry in similar types of loads.
  - Washing a single small item may result in the tub becoming unbalanced, vibrating and making a noise.
- ◆ Do not wash waterproof clothes.
  - This may cause abnormal vibration, or may cause the load to bounce, which could damage the tub.
- ◆ Check if there are any foreign objects in the door seal and take extra care that clothes do not get caught there.
  - Foreign objects in the door seal may stain clothes, and water may leak if clothes get caught in the door seal.
- ◆ Wash underwear or small, light items in a laundry net (mesh bag).
  - Small, light items may get caught in the door seal, and a brassiere hook may damage other items or the tub.
- ◆ Brush heavy soil, dust, or hair off fabrics before washing.
  - Laundry may not wash clean if there is dirt or sand on the fabrics, or items may be damaged due to particles rubbing against sheer fabrics.
- ◆ Wash blankets individually.
  - Washing more than one blanket in a load may produce inferior results due to tangling or an unbalanced load.
- ◆ Always separate fabrics according to their colors and wash them separately to prevent colors from running.
  - Fabrics may be damaged or become stained due to fabric dyes running, or due to foreign objects transferring from one fabric to another.
- ◆ For best performance, load clothes as shown.














- Load clothes loosely, and do not overfill the drum. Clothes need room to circulate in order to get clean.
- Do not press down on items while stacking them in the drum.



## Fabric Care Labels

Most articles of clothing feature fabric care labels that include instructions for proper care.

Category	Label	Directions
 Washing		Hand Wash
		Machine Wash, Normal Cycle
		Use Permanent Press/Wrinkle Resistant washing machine setting (which has a cool down or cold spray before the reduced spin)
		Use Gentle/Delicate washing machine setting (slow agitation and/ or reduced wash time).
		Do Not Wash
		Do Not Wring
Water Temperature	...	Hot
	..	Warm
	.	Cold/Cool
 Bleach symbols		Any Bleach (When Needed)
		Only Non-Chlorine Bleach (When Needed)
		Do Not Bleach

## Sorting Laundry

Sort laundry into similar loads that are washable in the same cycle.

Refer to the following chart for sorting clothes.

Colors	Whites / Lights / Darks
Soil	Heavy / Normal / Light
Fabric	Delicates / Easy Care / Sturdy Cottons
Lint	Lint Producers / Lint Collectors

## Using Detergent/Fabric Softener

### Recommended Detergent

Make sure to use HE (High-Efficiency) detergent for front-loading washing machines. HE detergents dissolve more efficiently and produce fewer suds to ensure efficient washing and rinsing. Use the correct amount of detergent as indicated on the detergent packaging.



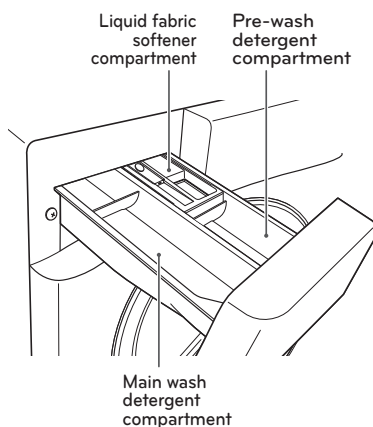
### NOTE

- Only use HE detergents, because using a regular detergent may produce excessive suds.
- HE detergents produce fewer suds, dissolve more efficiently to improve washing and rinsing performance, and help to keep the interior of your washer clean.
- Use less detergent for soft water.
- Wipe up any spills immediately, as liquids could damage the finish and the control panel of the washing machine.
- Using too much detergent can cause a build-up in the tub resulting in unsatisfactory performance and machine malfunction.
- If you use a detergent that does not dissolve easily or a detergent with high viscosity, it will leave a residue on the tub, which may not rinse properly.

### Loading the Dispenser

The detergent dispenser drawer of the washing machine has a dispenser compartment for each detergent type. Add each detergent to its appropriate compartment.

- 1 Pull out the detergent dispenser drawer.
- 2 Add each detergent to its appropriate compartment.
  - If you use a liquid detergent, check if the liquid detergent cup is in place.
  - If you use a powdered detergent, remove the liquid detergent cup and put the powder in the main wash detergent compartment.



- 3 Close the detergent dispenser drawer slowly.
  - Slamming the detergent dispenser drawer may result in the detergent overflowing into another compartment or pouring into the tub earlier than programmed.

### NOTE

- It is normal for a small amount of water to remain in the dispenser compartments at the end of the cycle.

### Pre-Wash Detergent Compartment

Add liquid or powdered detergent to this compartment when using the Pre-Wash option. Always use HE (High-Efficiency) detergent with your washing machine.

#### ! NOTE

- When using the pre-wash option, if liquid detergent is to be used for the main wash, the liquid detergent cup accessory must be used in the main wash dispenser, to prevent the main wash liquid detergent from being dispensed immediately.
- The amount of detergent added for the Pre-Wash option is 1/2 the amount recommended for the main wash cycle. For example, if the main wash cycle requires one measure of detergent, add 1/2 measure for the Pre-Wash option.

### Main Wash Detergent Compartment

This compartment holds laundry detergent for the main wash cycle, which is added to the load at the beginning of the cycle. Always use HE (High-Efficiency) detergent with your washing machine.

Never exceed the manufacturer's recommendations when adding detergent. Using too much detergent can result in detergent buildup on clothing and the washer. Either powdered or liquid detergent may be used.

#### ! NOTE

- Liquid or powdered color-safe bleach may be added to the main wash compartment with detergent of the same type.
- When using liquid detergent, make sure the liquid detergent cup and insert are in place. Do not exceed the maximum fill line.
- When using powdered detergent, remove the insert and liquid detergent cup from the compartment. Powdered detergent will not dispense with the liquid detergent cup and insert in place.

### Fabric Softener Compartment

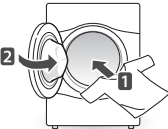

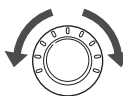



This compartment holds liquid fabric softener, which will be automatically dispensed during the final rinse cycle.

#### ! NOTE

- Always follow the manufacturer's recommendations when adding fabric softener. Do not exceed the maximum fill line. Using too much fabric softener may result in stained clothes.
- Dilute concentrated fabric softeners with warm water. Do not exceed the maximum fill line.
- Never pour fabric softener directly onto the load or into the drum.

# OPERATION

## Using the Washer

- 1  Load the laundry into the washing machine and close the door.
- 2  Press the Power button.
  - The lights around the cycle selector knob will illuminate and a chime will sound.
- 3  Turn the cycle selector knob in either direction to select the desired cycle.
  - The proper default option is automatically set according to the wash cycle. See page 23, Cycle Guide, for more detailed default options for each cycle.
  - See page 24, Wash Cycles, for details on the wash cycles.
  - To change the options, press the option button and select the desired option. See page 25, Setting Options Before Cycle, for more details on options.
  - Skip to step 4 to use the default setting without changing the options.
- 4  Add the proper amount of detergent and additions (bleach, softener) into the detergent dispenser drawer.
  - See page 20, Using Detergent/Fabric Softener, for more details on using detergent.
- 5  Press the Start/Pause button.
  - The washing machine will start.
- 6  When the melody plays, the wash cycle is finished.
  - When the washing cycle is finished, the door will unlock. Open the door and remove the laundry immediately.
  - Make sure to check around the door seal when taking out the finished load. Small items may be caught in the door seal.

### **⚠ WARNING**

- To reduce the risk of fire, electric shock, or injury to persons, read the **IMPORTANT SAFETY INSTRUCTIONS** before operating this appliance.

### **ⓘ NOTE**

- The front-load washing machine rotates the laundry in a way that allows it to use less water while still fully saturating your clothing. It is normal to not be able to see water during the wash cycle.
- If the temperature or the water level inside the machine is too high, the door locks and cannot be opened.

## Cycle Guide

The cycle guide below shows the options and recommended fabric types for each cycle. ● = Available option

CYCLE	FABRIC TYPE	BASIC OPTION (*=DEFAULT)			ADDITIONAL OPTIONS					
		Soil Level	Temp.	Spin Speed	Delay Wash	Water Plus	Rinse+ Spin	Extra Rinse	Pre Wash	Dry
Tub Clean	Removes residue and odors from washer drum	Normal*	Extra Hot*	Medium*						
Sanitary	Heavily soiled underwear, work clothes, diapers, etc.	Heavy Normal*	Extra Hot*	Extra High* High Medium Low No Spin	●	●	●	●	●	●
Baby Wear	Lightly soiled baby clothes	Heavy Normal*	Hot* Warm	High* Medium Low No Spin	●	●	●	●	●	●
Bulky/ Large	Large items such as blankets and comforters	Heavy Normal* Light	Warm* Cold Tap Cold	High Medium* Low No Spin	●	●	●	●		
Heavy Duty	Heavily soiled cotton fabrics	Heavy Normal* Light	Hot Warm*	Extra High High Medium* Low No Spin	●	●	●	●	●	●
Perm. Press	Dress shirts/pants, wrinkle free clothing, poly/cotton blend clothing, tablecloths	Heavy Normal* Light	Warm* Cold Tap Cold	Extra High* High Medium Low No Spin	●	●	●	●	●	●
Cotton/ Normal	Cotton, linen, towels, shirts, sheets, jeans, mixed loads	Heavy Normal* Light	Hot Warm* Cold Tap Cold	Extra High High* Medium Low No Spin	●	●	●	●	●	●
Sports Wear	High-performance fabrics that need special care	Heavy Normal* Light	Warm* Cold Tap Cold	Medium* Low No Spin	●	●	●	●		
Hand Wash/ Wool	Items labeled "hand washable"	Heavy Normal*	Warm* Cold Tap Cold	Medium* Low No Spin	●	●	●	●		
Delicates	Dress shirts/blouses nylons, sheer or lacy garments	Heavy Normal*	Warm Cold* Tap Cold	Medium* Low No Spin	●	●	●	●		
Speed Wash	Lightly soiled clothing and small loads	Heavy Normal*	Warm Cold* Tap Cold	Extra High High Medium* Low No Spin	●	●	●	●	●	●
Wash+Dry	A small load which can be washed and dried in one cycle	Heavy Normal* Light	Hot Warm* Cold Tap Cold	Extra High* High	●	●		●	●	●
Drain+Spin	Drain and spin only			Extra High* High Medium Low No Spin	●					

- Cycle time depends on water pressure, type and amount of load, and chosen additional options.

- To protect your garments, not every wash/rinse temperature, spin speed, soil level, or option is available with every cycle.

## Wash Cycles

You can wash laundry items more thoroughly by selecting the wash cycle that best suits the type of items to be washed. Turn the cycle selector knob in either direction to select the desired cycle. When you select a wash cycle, the light for the corresponding wash cycle will turn on. See page 22, Using the Washer, for more details on operating methods.

### Sanitary: Reducing Laundry Bacteria

This wash cycle helps to remove heavy soil on laundry through high temperature.

### Baby Wear: Lightly Soiled Baby Clothes

This cycle helps remove food stains from baby clothes using a powerful rinse.

### Bulky/Large: Blankets or Bulky Items

This cycle is for washing blankets or bulky items.

### Heavy Duty: Heavily Soiled Items

This cycle is for washing heavily soiled laundry through more powerful drum rotation.

### Perm. Press: Wrinkle-Free Items

This cycle is for washing items such as wrinkle-free clothes or tablecloths to minimize wrinkles.

### Cotton/Normal: Normal Items

Use this cycle to wash all normal items, except delicate fabrics such as wool or silk.

#### NOTE

- If you press the Power button and the Start/Pause button without selecting another cycle, the washing machine defaults to the Cotton/Normal cycle.

### Sports Wear: High-Performance Fabrics

Use this cycle for garments that are specially designed and treated for sports.

### Hand Wash/Wool: Items Labeled Wool or Hand-Wash

This cycle is for washing shrinkable woolen or hand-washable items requiring delicate care. Only wash woolen items that are labeled machine washable or hand-washable.

#### NOTE

- Laundry weight should be less than 8 pound (3.6 kg) to prevent damage to the fabric.
- Use only natural or wool-safe detergent harmless to fabrics and load 1/2 of the normal amount of detergent.
- The Hand Wash/Wool cycle uses a gentle tumble rotation angle and low speed spin for the ultimate fabric care.

### Delicates: Sheer Items

This cycle is for washing lingerie or sheer and lacy clothes which can easily be damaged.

### Speed Wash: Washing Quickly

Use the Speed Wash cycle to quickly wash lightly soiled clothing and small loads. For high wash and rinse efficiency, wash small loads of 2-3 lightly soiled garments

#### NOTE

- Use very little detergent in this cycle. For additional rinsing, add an extra rinse using the option button.

### Wash+Dry: A Small Load Which Can Be Tumble Dried

This cycle washes and dries clothing in one continuous cycle.

### Drain+Spin: Drain and Spin Only

This cycle is for draining and spinning without the wash and rinse cycle, or for removing the load from the washing machine in the middle of the cycle.

## Cycle Modifier Buttons

Each cycle has preset settings that are selected automatically. You may also customize the settings using the cycle modifier buttons. Press the button for that option to view and select other settings. The washer automatically adjusts the water level for the type and size of wash load for best results and maximum efficiency. It may seem there is no water inside the drum in some cycles, but this is normal.

### NOTE

- To protect your garments, not every wash/rinse temperature, spin speed, soil level, or option is available with every cycle. See the Cycle Guide for details

## Setting Options Before Cycle

You can select and add the desired optional functions before you start the washing machine.

### Soil Level

You can wash your laundry more thoroughly by setting the proper soil level on the washing machine.

- 1 Press the Power button and turn the cycle selector knob in either direction to select the desired cycle.
- 2 Press the Soil Level button repeatedly to select a soil level.
  - When you press the button, an indicator light for the corresponding selection will turn on in the display.
- 3 You can now modify other cycle settings and add options (see pages 25-28), or proceed to step 4 to begin the cycle.
- 4 Press the Start/Pause button.

### NOTE

- This feature will add time for heavily soiled loads or subtract time for lightly soiled loads.

## Temp.

Set the water temperature for the wash cycle. Set the appropriate temperature, as specified in the fabric care label.

- 1 Press the Power button and turn the cycle selector knob in either direction to select the desired cycle.
- 2 Press the Wash Temp button repeatedly to select the desired water temperature:
  - When you press the button, an indicator light for the corresponding selection will turn on in the display.
- 3 You can now modify other cycle settings and add options (see pages 25-28), or proceed to step 4 to begin the cycle.
- 4 Press the Start/Pause button.

### NOTE

- Cold rinses use less energy.
- Your washer features a heating element to boost the hot water temperature for Extra Hot settings. This provides improved wash performance at normal water heater settings.
- Select the water temperature suitable for the type of load you are washing. Follow the fabric care label for best results.

## Spin Speed

You can set the desired spin speed. Use this feature properly according to the characteristics of the load.

- 1 Press the Power button and turn the cycle selector knob in either direction to select the desired cycle.
- 2 Press the Spin Speed button repeatedly to select the desired spin speed.
  - When you press the button, an indicator light for the corresponding selection will turn on in the display.
- 3 You can now modify other cycle settings and add options (see pages 25-28), or proceed to step 4 to begin the cycle.
- 4 Press the Start/Pause button.

### NOTE

- The Spin Speed button also activates the Drain & Spin cycle to drain the tub and spin clothes; for example, if you want to remove clothes before the cycle has ended.

## Dry

Press the Dry button to select drying options.

- For consistently dry loads, all articles in the load should be similar in material and thickness.
- Do not overload the drum. Items must have room to tumble freely.
- Press Start/Pause to remove items before the dry cycle has finished.

Press the Dry button repeatedly to toggle through the selections:

By pressing the Dry button, you can select:

LOW TEMP. - For delicate fabrics

DAMP - For damp drying fabrics

NORMAL - For general drying

MORE - For heavier fabrics

30/60/90/120 - For timed drying

### NOTE

- The capacity of the machine for washing clothes is twice as much as when drying clothes. If the machine is to be used to dry a load, then the wash load must be reduced by half for effective drying performance. If a full load is washed, remove half the clothes prior to starting the dry cycle.

### Drying Guide—Automatic Dry

Electronic sensors measure the temperature of the exhaust to increase or decrease the drying temperature for faster reaction time and tighter temperature control.

**Recommended DRY settings by fabric type:**

- Perm. Press – LOW TEMP.
- If clothes are to be ironed – DAMP
- Cotton/Towels – NORMAL
- Diapers – MORE

### NOTE

- On Automatic Dry settings, the estimated drying time may vary from the actual drying time. The type of fabric, size of the load, and the selected dryness level affect drying time.

### Drying Guide—Timed Dry

- Press the Dry button repeatedly to select the drying time in 30 minute increments: 30–60–90–120 minutes.
- Timed dry can last up to 120 min. When selecting Dry only, drying will start after the final Spin cycle.
- The time required to dry a load can vary greatly depending on dampness, room temperature, and type of fabric. You may need to add additional time. Your own experience will be your best guide.

## Drying Tips

### Woolen Articles

Do not tumble dry woolen articles. Block them (pull them to their original shape) and dry them flat.

### Woven and Loopknit Materials

- Some woven and loopknit materials may shrink when dried.
- Always stretch them out immediately after drying.

### Permanent Press and Synthetics

- Do not overload the dryer.
- To reduce wrinkles, take out permanent press articles as soon as the dryer stops.

### Fiber or Leather Materials

Always check the manufacturer's instructions.

### Baby Clothes and Night Gowns

Always check the manufacturer's instructions.

### Rubber and Plastics

Do not dry any items made from or containing rubber or plastics, such as:

- Aprons, bibs, chair covers
- Curtains and tablecloths
- Bathmats

### Fiberglass

Do not dry fiberglass articles in the dryer. Glass particles left in the washer could be picked up by clothes in the next load and irritate skin.



## Delay Wash

Set the desired start time for the cycle.

- 1 Press the Power button and turn the cycle selector knob in either direction to select the desired cycle.
- 2 Modify the cycle settings and add other options (see pages 25-28), if desired.
- 3 Press the Delay Wash button repeatedly to select the desired start time.
  - The Delay Wash indicator light will turn on.
  - The set start time appears on the display panel.
  - Each press of the button increases the delay time by one hour, up to 19 hours.
- 4 Press the Start/Pause button.

## Water Plus

Use this option to add extra water to the wash and rinse cycles for better wash performance with large or bulky items.

- 1 Press the Power button and turn the cycle selector knob in either direction to select the desired cycle.
- 2 Press the Water Plus button..
  - The indicator light will turn on.
- 3 You can now modify other cycle settings and add options (see pages 25-28), or proceed to step 4 to begin the cycle.
- 4 Press the Start/Pause button.

## Rinse+Spin

Use this cycle to rinse detergent from the load.

- 1 Press the Power button and turn the cycle selector knob in either direction to select the desired cycle.
- 2 Press the Rinse+Spin button.
- 3 Press the Spin Speed button repeatedly to set the spin speed.
  - The indicator light for the selected spin speed will turn on.
- 4 Press the Start/Pause button.

## Extra Rinse

You can add an extra rinse cycle to the default rinse cycle.

- 1 Press the Power button and turn the cycle selector knob in either direction to select the desired cycle.
- 2 Press the Extra Rinse button.
  - The Extra Rinse indicator light will turn on.
- 3 You can now modify other cycle settings and add options (see pages 25-28), or proceed to step 4 to begin the cycle.
- 4 Press the Start/Pause button.

## Pre Wash

Pre-wash for 17 minutes when clothes are covered in dirt or dust. This feature is suitable for heavily soiled items.

- 1 Press the Power button and turn the cycle selector knob in either direction to select the desired cycle.
- 2 Press the Pre Wash button.
  - The indicator light will turn on.
- 3 You can now modify other cycle settings and add options (see pages 25-28), or proceed to step 4 to begin the cycle.
- 4 Press the Start/Pause button.

## Signal On/Off

The washing machine plays a melody when the wash cycle is finished. The buttons make a sound each time a button is pressed.

- 1 Press the Power button and turn the cycle selector knob in either direction to select the desired cycle.
- 2 Press the Signal On/Off button.
- 3 Press the Start/Pause button.

## Setting Options During Cycle

You can add the desired options during the wash cycle.

### Child Lock

You can lock the washing machine to prevent children or others from changing the cycle settings by pressing the buttons during the cycle.

#### Enabling Child Lock

Press and hold the Pre Wash button for 3 seconds during the wash cycle.

- When the Child Lock is enabled, a message and the remaining wash time are displayed, in turn, on the display panel of the washing machine.

#### Disabling Child Lock

(When the Child Lock is activated.)

Press and hold the Pre Wash button for 3 seconds during the wash cycle.

#### ! NOTE

- Child Lock lasts after the end of the cycle. If you want to deactivate this function, press and hold the Pre Wash button for 3 seconds.

## PGM Save

Save a frequently used cycle with all the desired settings and options.

#### Saving a Cycle

- 1 Press the Power button and turn the cycle selector knob in either direction to select the desired cycle.
- 2 Modify other cycle settings and add options (see pages 25-28).
- 3 Press and hold the Custom PGM button for 3 seconds during the wash cycle.
  - The cycle with your preferred settings and options is saved.

## Custom PGM

Recall the previously saved wash cycle and settings.

#### Recalling a Cycle

- 1 Press the Power button, then press the Custom PGM button.
- 2 Press the Start/Pause button.

## Adding Garments

Garments can be added or removed after the cycle is started.

- 1 Press the Start/Pause button.
- 2 The door lock is released to open the door.
- 3 Add or remove laundry.
- 4 To continue the cycle, press the Start/Pause button again. The cycle continues automatically.

#### ! NOTE

- For safety reasons, the door remains locked when the water level or temperature is high. It is not possible to add laundry during this time.