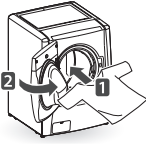




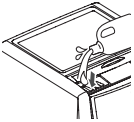





USING YOUR WASHING MACHINE

Basic operation

- 1  Load the laundry into the washing machine and close the door.
- 2  Press  .
- The lights around the cycle selector knob will illuminate and a chime will sound.
- 3  Turn  to the desired cycle.
- The proper default option is automatically set according to the wash cycle. See page 25, **Cycle guide**, for more detailed default options for each cycle.
- See page 26, **Main cycle**, for details on the wash cycles.
- To change the options, press the option button and select the desired option. See page 28, **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 additional products (bleach, softener) into the dispensers.
- See page 22, **Using detergent/fabric softener**, for more details on using detergent.
- 5  Press  .
- The washing machine starts.
- 6  When the melody plays, the wash cycle is finished.
- When the washing cycle is finished, the door unlocks. 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. To open the door while washing, use the Rinse + Spin feature.

Cycle guide


The cycle guide below shows the options and recommended fabric types for each cycle.

● = Available option

Cycle	Fabric Type	Display Time(min) (Option : Default)	Basic Option (*=Default)			Additional Options					
			Wash Temp.	Spin Speed	Soil Level	Steam	Cold Wash™	Delay Wash	Extra Rinse	Pre Wash	Turbo Wash™
Bright Whites™	White Fabrics	72 ~ 85	Hot* Warm Cold Tap Cold	Extra High High* Medium Low No Spin	Heavy Normal* Light	●		●	●	●	●
Allergiene™	Cotton, underwear, pillow covers, bed sheets, baby wear	103 ~ 138	-	Extra High High* Medium Low No Spin		●		●	●		●
Sanitary	Heavily soiled underwear, work clothes, diapers, etc.	116 ~ 129	Extra Hot*	Extra High High* Medium Low No Spin	Heavy Normal* Light	●		●	●	●	●
Bedding	Large items such as blankets and comforters	62	Hot Warm* Cold Tap Cold	Medium* Low No Spin	Heavy Normal* Light	●	●	●	●	●	●
Heavy Duty	Heavily soiled Cotton Fabrics	89 ~ 132	Extra Hot Hot Warm* Cold Tap Cold	Extra High* High Medium Low	Heavy* Normal Light	●	●	●	●	●	●
Normal	Cotton, linen, towels, shirts, sheets, jeans, mixed loads	26 ~ 53	Extra Hot Hot Warm* Cold Tap Cold	Extra High High* Medium Low	Heavy Normal* Light	●	●	●	●	●	●
Jumbo Wash	Comforter	62	Hot Warm* Cold Tap Cold	High* Medium Low No Spin	Heavy Normal* Light	●	●	●	●	●	●
Perm.Press	Dress shirts/pants, wrinkle-free clothing, poly/cotton blend clothing, tablecloths	37 ~ 47	Hot Warm* Cold Tap Cold	High Medium* Low	Heavy Normal* Light		●	●	●	●	●
Delicates	Dress shirts/ blouses, nylons, sheer or lacy garments	41	Warm Cold* Tap Cold	Medium* Low No Spin	Heavy Normal* Light		●	●	●	●	
Towels	Towels	61 ~ 74	Hot Warm* Cold Tap Cold	Extra High* High Medium Low No Spin	Heavy Normal* Light		●	●	●	●	●
Speed Wash	Lightly soiled clothing and small loads	15	Hot* Warm Cold Tap Cold	Extra High* High Medium Low No Spin	Heavy Normal Light*		●	●	●		●
Rinse + Spin	Rinse, drain and spin only	18	Cold*	Extra High High* Medium Low No Spin	-			●	●		
Tub Clean	This cycle is designed to remove a mildewy or musty smell.	93 ~ 95				●		●			
Downloaded * Default: Small Load	Normally soiled and small loads.	49 ~ 51	Hot Warm* Cold Tap Cold	Extra High High* Medium Low No Spin	Heavy Normal* Light		●	●	●	●	

Cycle time depends on type and amount of load and detergent, water pressure and chosen additional options.
 - If the Turbo Wash™ option is on, you cannot select No Spin as your Spin.
 (If the Turbo Wash™ option is off, you can select No Spin as your Spin.)

Main cycle

You can wash laundry items more thoroughly by selecting the wash cycle that best suits the type of items to be washed. Turn the  to the desired cycle. When you select a wash cycle, the light for the corresponding wash cycle will turn on. See page 24, **Basic operation**, for more details on operating methods.

For white fabrics, **Bright Whites™**

This cycle is for washing white items only.

Reduce laundry allergen, **Allergiene™**

This cycle is a powerful, high temperature cycle designed specifically to reduce certain allergens.

! NOTE

- Selecting the Allergiene™ cycle automatically incorporates steam into the wash cycle.
- The Allergiene™ cycle can significantly reduce allergens in bedding and clothing.
- The Allergiene™ cycle helps reduce dust mite populations and helps reduce allergens.
- Due to the higher energy and temperatures used, the Allergiene™ cycle is not recommended for wool, silk, leather, or any other delicate or temperature sensitive items

Reduce laundry bacteria, **Sanitary**

This wash cycle reduces 99% of bacteria on laundry through high temperature.



Protocol P172
Sanitization Performance of Residential and Commercial, Family Sized Clothes Washers

! NOTE

- This cycle has been certified by NSF using Tide HE powder.

Blankets or bulky items, **Bedding**

This cycle is for washing blankets or bulky items.



Heavily soiled items, **Heavy Duty**

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

Normal items, **Normal**

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

! NOTE

- If you press  and then  without selecting another cycle, the washing machine proceeds to Normal.

Comforters, **Jumbo Wash**

This cycle is for washing king or queen comforter.

Wrinkle free items, **Perm.Press**

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

Sheer items, **Delicates**

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

For towels, **Towels**

This cycle is for washing towels.

Quick wash, **Speed Wash**

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

! NOTE

- Use very little detergent in this cycle. If you want more rinsing, you can add an extra rinse by using the Extra Rinse option button.

Rinse, drain and spin only, **Rinse + Spin**

This cycle is for rinsing detergent from the load.

Downloading cycles, **Downloaded**

For downloadable cycles. The default cycle is Small Load. (See page 33.)

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 the water temperature, Temp.

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





- Press  and turn  to the desired cycle.
- Press  repeatedly to select the desired water temperature:
 - When an optional item is selected, an indication light for the corresponding optional item turns on.
- Press the desired option button to use the other options.
 - Skip to step 4 to use the default setting without changing the options.
- Press .

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.

Setting spin speed, Spin

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





- Press  and turn  to the desired cycle.
- Press  repeatedly to select the desired spin speed.
 - When an optional item is selected, an indication light for the corresponding optional item turns on.
- Press the desired option to use the other options.
 - Skip to step 4 to use the default setting without changing the options.
- Press .

NOTE

- The Spin 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.
- To use Drain&Spin, press the Power button, then press the Spin button repeatedly to select a spin speed. Press the Start/Pause button to begin.

Setting soil level of laundry, Soil

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




- Press  and turn  to desired cycle.
- Press  repeatedly to select a soil level.
 - When an optional item is selected, an indication light for the corresponding optional item turns on.
- Press the desired option to use the other options.
 - Skip to step 4 to use the default setting without changing the options.
- Press .

NOTE

- This feature needs more time for heavily soiled loads or less time for lightly soiled loads.

Adjusts the melody and button tones, Signal

The washing machine plays a melody when the wash cycle is finished. The buttons make a sound each time a button is pressed. The volume of the melody and button tones can be changed or turned off as desired.

- 1 Press .
- 2 Turn  to the desired cycle.
- 3 Press **Signal**. Adjust the melody and button tones as desired.
- 4 Press the desired option to use the other options.
- 5 Press .





Setting options before cycle

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

High temperature, Steam

Adding the Steam option to these cycles helps to enhance washing performance.

By using hot steam fabrics get the cleaning benefits of a super hot wash.

- 1 Press  and turn  to the desired cycle.
- 2 Press . The washer will automatically adjust the cycle settings.
- 3 Set any other desired options.
- 4 Press .

WARNING

- Do not touch the door during steam cycles. The door surface can become very hot. Allow the door lock to release before opening the door.
- Do not attempt to override the door lock mechanism or reach into the washer during a steam cycle. Steam can cause severe burns.

NOTE

- The steam option cannot be used with all cycles.
- Steam may not be clearly visible during the steam cycles. This is normal. Too much steam could damage clothing.
- Do not use steam with delicate fabrics such as wool, silk, or easily discolored fabrics.

Lower energy costs, Smart Grid






The smart appliance can communicate with local utility companies that are equipped with Smart Grid equipment. (See page 32).

Control the appliance remotely, Remote Start

Use a smart phone to control the appliance remotely. Or, monitor the cycle operation to see how much time is left in the cycle. (See page 32).

Presetting the start time, Delay Wash




Set the desired start time.

- 1 Press  and turn  to the desired cycle.
- 2 Press the desired option to use the other options.
- 3 Press  repeatedly to select the desired start time.
 -  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 .

Selecting your customized cycle, Custom PGM

Recall a customized wash cycle that was previously saved.





To recall a cycle

- 1 Press  after then press .
- 2 Press .

You can save a cycle with all the settings and options you use most frequently.

Saving time, Turbo Wash™

Adding the Turbo Wash™ option reduces cycle time and provides good performance in normal cycle. Using Turbo Wash™ saves time without sacrificing performance.

- 1 Press  and turn  to the desired cycle.
- 2 Press . The washer will automatically adjust the cycle settings.
- 3 Set any other desired options.
- 4 Press .





NOTE

- The Turbo Wash™ option cannot be used with all cycles.
- The option is selected by default on the Normal, Heavy Duty, and Perm. Press cycles.

Saving energy, Cold Wash

Adding the Cold Wash option reduces energy usage and provides the same washing performance as a warm water wash.

By using 6 different washing motions (Tumbling, Rolling, Stepping, Scrubbing, Swing, Filtration), fabrics get the cleaning benefits, without the energy usage.






- 1 Press  and turn  to the desired cycle.
- 2 Press . The washer will automatically adjust the cycle settings.
- 3 Set any other desired options.
- 4 Press .

NOTE

- When you select the Cold Wash option, wash time will be increased up to 5 - 20 minutes.
- For high wash efficiency, it is recommended to use less than 8 pounds.






Adding extra rinse cycle, Extra Rinse

Add an extra rinse cycle to the default rinse cycle.

- 1 Press  and turn  to the desired cycle.
- 2 Press .
 -  light will turn on.
- 3 Press the desired option to use the other options.
 - Skip to step 4 to use the default setting without changing the options.
- 4 Press .

Prewashing, Pre Wash

Pre-wash for 15 minutes when clothes are covered in dirt or dust. This feature is suitable for heavily soiled items.






- 1 Press  and turn  to the desired cycle.
- 2 Press .
 -  light will turn on.
- 3 Press the desired option to use the other options.
 - Skip to step 4 to use the default setting without changing the options.
- 4 Press .

Setting the options during cycle

Add the desired options during the wash cycle.

Tumble clothes to prevent wrinkles, Fresh Care

Use this function when you are not able to take out your clothes as soon as the wash cycle ends.

- 1 Press  and turn  to the desired cycle.
- 2 Press and hold  for 3 seconds during the wash cycle.
 -  light will turn on.
- 3 Select any desired options.
 - Skip to step 4 if you would like to use the default settings without changing or adding any options.
- 4 Press .




NOTE

- This function provides periodic tumbling for up to about 19 hours to prevent wrinkles. If you press the START/ PAUSE or ON/ OFF button, you can unload your laundry at anytime.

Saving customized wash cycle, PGM Save





Save a special combination of settings that are used frequently.

To save a cycle

- 1 Press  and turn  to the desired cycle.
- 2 Press the desired option to use the other options.
- 3 Press and hold  for 3 seconds during the wash cycle.
 - The cycle with your preferred settings and options is saved.

Drum Lighting, Drum Light

The drum is equipped with a white LED light that illuminates when the washer is turned on. This light automatically turns off when the door is closed and the cycle starts. To turn on the light during a cycle.

- 1 Press  and turn  to the desired cycle.
- 2 Press .
- 3 Press and hold  for 3 seconds during the wash cycle.


- The drum light will illuminate and then turn off automatically after 4 minutes.


- Clothes and the gasket may look like yellow due to lights of the lamp, but it is normal.

Button lock feature, Child Lock

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


To enable child lock

Press and hold  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.

To disable child lock

(When the Child Lock is activated.)

Press and hold  for 3 seconds during the wash cycle.

NOTE

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