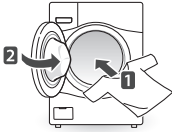


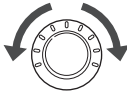







USING YOUR WASHING MACHINE

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 23, **Cycle guide**, for more detailed default options for each cycle.
 - See page 24, **Main cycle**, 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 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. 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) | BASIC OPTION (★=DEFAULT) | | | ADDITIONAL OPTIONS | | | | | |
|--------------------|--|-------------------|---|---|---------------------------|--------------------|------------|------------|-------------|----------|-------------|
| | | | WASH TEMP. | SPIN SPEED | SOIL LEVEL | STEAM | COLD WASH™ | DELAY WASH | EXTRA RINSE | PRE WASH | TURBO WASH™ |
| ALLERGIENE™ | Cotton, underwear, pillow covers, bed sheets, baby wear | 88 ~ 132 | - | EXTRA HIGH HIGH★ MEDIUM LOW NO SPIN | - | ● | | ● | ● | | ● |
| SANITARY | Heavily soiled underwear, work clothes, diapers, etc. | 81 ~ 112 | EXTRA HOT★ | EXTRA HIGH HIGH★ MEDIUM LOW NO SPIN | HEAVY NORMAL★ LIGHT | ● | | ● | ● | ● | ● |
| BRIGHT WHITES™ | White Fabrics | 52 ~ 79 | HOT★ WARM COLD TAP COLD | EXTRA HIGH HIGH★ MEDIUM LOW NO SPIN | HEAVY NORMAL★ LIGHT | ● | | ● | ● | ● | ● |
| BULKY/ LARGE | Large items such as blankets and comforters | 45 ~ 68 | HOT WARM★ COLD TAP COLD | MEDIUM★ LOW NO SPIN | HEAVY NORMAL★ LIGHT | ● | ● | ● | ● | ● | ● |
| HEAVY DUTY | Heavily soiled Cotton Fabrics | 60 - 117 | HOT WARM★ COLD TAP COLD | EXTRA HIGH★ HIGH MEDIUM LOW NO SPIN | HEAVY★ NORMAL LIGHT | ● | ● | ● | ● | ● | ● |
| COTTON/ NORMAL | Cotton, linen, towels, shirts, sheets, jeans, mixed loads | 27 - 99 | EXTRA HOT HOT WARM★ COLD TAP COLD | EXTRA HIGH HIGH★ MEDIUM LOW | HEAVY NORMAL★ LIGHT | ● | ● | ● | ● | ● | ● |
| JUMBO WASH | Comforter | 45 ~ 68 | HOT WARM★ COLD TAP COLD | HIGH★ MEDIUM LOW NO SPIN | HEAVY NORMAL★ LIGHT | ● | ● | ● | ● | ● | ● |
| TOWELS | Towels | 39 - 75 | HOT WARM★ COLD TAP COLD | EXTRA HIGH★ HIGH MEDIUM LOW NO SPIN | HEAVY NORMAL★ LIGHT | | ● | ● | ● | ● | ● |
| PERM. PRESS | Dress shirts/pants, wrinkle-free clothing, poly/cotton blend clothing, tablecloths | 29 ~ 56 | HOT WARM★ COLD TAP COLD | HIGH MEDIUM★ LOW | HEAVY NORMAL★ LIGHT | | ● | ● | ● | ● | ● |
| HAND WASH/ WOOL | Items labeled "hand-washable" | 44 ~ 55 | WARM★ COLD TAP COLD | LOW★ NO SPIN | NORMAL★ LIGHT | | ● | ● | | | |
| DELICATES | Dress shirts/blouses, nylons, sheer or lacy garments | 30 ~ 53 | WARM COLD★ TAP COLD | MEDIUM★ LOW NO SPIN | HEAVY NORMAL★ LIGHT | | ● | ● | ● | ● | |
| SPEED WASH | Lightly soiled clothing and small loads | 7 ~ 25 | HOT★ WARM COLD TAP COLD | EXTRA HIGH★ HIGH MEDIUM LOW NO SPIN | HEAVY NORMAL LIGHT★ | | ● | ● | ● | | ● |
| SMALL LOAD | Normally soiled and small loads. | 45 | WARM★ | HIGH★ | NORMAL★ | | | ● | | | |
| TUB CLEAN | This cycle is designed to remove a mildewy or musty smell. | 89 | | | | ● | | ● | | | |

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

- If the TURBOWASH™ option is on, you cannot select "No Spin" as your SPIN SPEED.

(If the TURBOWASH™ option is off, you can select "No Spin" as your SPIN SPEED.)

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 22, **Basic operation**, for more details on operating methods.

Reduce laundry allergens, 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.

For white fabrics, BRIGHT WHITES™

This cycle is for washing white items only.



Blankets or bulky items, BULKY/LARGE

This cycle is for washing blankets or bulky items.

Normal items, COTTON/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 COTTON/NORMAL.

Heavy soiled items, HEAVY DUTY

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

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 towel items, TOWELS

This cycle is for washing towels.

For few items, SMALL LOAD

This cycle is for normally soiled and small loads.

Items labeled wool or hand-washable, HAND WASH/WOOL

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 pounds (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.

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.

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.

Setting the water temperature, WASH TEMP.

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





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

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





- 1 Press  and turn  to the desired cycle.
- 2 Press  repeatedly to select the desired spin speed.
 - When an optional item is selected, an indication light for the corresponding optional item turns 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 .

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.

Setting soil level of laundry, SOIL LEVEL

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





- 1 Press  and turn  to desired cycle.
- 2 Press  repeatedly to select a soil level.
 - When an optional item is selected, an indication light for the corresponding optional item turns 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 .

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 melody and button tones can be changed and off as desired.

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





Rinse, drain and spin only, RINSE+SPIN

Use this cycle to rinse detergent from load.

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






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.

Tumbles 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.






Adding extra rinse cycle, EXTRA RINSE

You can 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 .





Presetting the start time, DELAY WASH

You can 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 .

High temperature, STEAM

Adding the Steam option to these cycles help to enhance washing performance. By using a 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.

Saving energy, COLDWASH™

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

By using 6 different washing motion (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 COLDWASH™ option, wash time will be increased up to 10 minutes.
- For high wash efficiency, it is recommended to use less than 8 pounds.

Saving time, TURBOWASH™

Adding the TURBOWASH™ option reduces cycle time and provides good performance in normal cycle.

By using the TURBOWASH™, We can save the 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 TURBOWASH™ option cannot be used with all cycles.
- TURBOWASH™ is available in the beginning of the Cotton/Normal and Perm. Press cycles.
- Press and hold the TURBOWASH™ button to change the default settings.


Setting the options during cycle


You can add the desired options during the wash cycle.

Button lock feature, 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.


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 RINSE+SPIN button for 3 seconds.

Saving customized wash cycle, PGM SAVE

You can save the special combination of settings that you use 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.

Selecting your customized cycle, CUSTOM PGM

You can recall the customized wash cycle you had 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.