

Wash Cycles

Wash cycles are designed for the best wash performance for each type of load. Select the cycle that best matches the load contents for maximum wash performance and fabric care. For best results, follow the fabric care labels on your garments. See the Sorting Laundry section for a guide to the symbols used on fabric care labels.

Swipe through the cycle category screens and touch a cycle icon to select the desired cycle. When you select a wash cycle, the icon for the cycle will be highlighted in the screen.

NOTE

- Whenever load weights are mentioned, assume 1 lb (0.45 kg) = 1 thick bath towel (dry).
- For information on using SmartThinQ™ applications to save energy, see the Smart Functions section.

Choosing by	Wash Cycle	Description
Fabric Type	Normal	Use this cycle to wash all normal items, except delicate fabrics such as wool or silk. NOTE: Pressing the Start/Pause button without selecting a cycle will cause the Normal cycle to begin immediately, using the default settings.
	Wool	This cycle is for washing 100% pure wool items only. (Use detergent for machine-washable woolens.)
	Delicate	This cycle is for washing lingerie or sheer and lacy clothes which can easily be damaged.
	Perm.Press	Use this cycle to wash wrinkle-free clothes or tablecloths, to minimize wrinkles.
	Gentle Care	Use this cycle for hand-washable clothes such as lingerie, dresses etc.
	Outdoor	Use this cycle for garments that are specially designed and treated for outdoor use.
Load Size	Normal	If you have a mixed load that is half-size, use the Normal cycle with default settings. For full-size loads, use the Normal cycle with the soil level set to heavy, and add an extra rinse. In both cases, the machine will automatically detect the load size and adjust accordingly.
	Speed Wash	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 (less than 3 lb. (1.36 kg)). NOTE: Use very little detergent in this cycle. For additional rinsing, add an extra rinse in the Rinse option screen.
	Bulky/Large	This cycle is for washing king or queen sized comforters. NOTE: Using the Bulky/Large cycle with a low spin speed is recommended when washing waterproof or water-resistant items, to help protect the fabrics' properties. If your washer does not function properly, manually redistribute the load or put one comforter in at a time.
	Auto Wash	Use this cycle to adjust wash and rinse patterns automatically after detecting load size and soil level.

Choosing by	Wash Cycle	Description
Convenience	Speed Wash	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 (less than 3 lb. (1.36 kg)). NOTE: Use very little detergent in this cycle. For additional rinsing, add an extra rinse in the Rinse option screen.
	Rinse+Spin	Select this option to rinse and spin a load separately from a regular cycle. This can be helpful in preventing fresh stains from setting in fabrics. Change the spin speed in the Spin options screen after selecting the cycle.
	Tub Clean	Use this cycle to clean the washer's drum. See Tub Clean Cycle in the Maintenance section.
	Speed Wash+Dry	This cycle provides both washing and drying within 80 minutes for up to 3 lightly soiled shirts.
Soil Level	Normal	For tough stains on children's clothes, use the Normal cycle with a hot Wash Temp. setting, plus the Prewash option and an Extra Rinse.
	Heavy Duty	This cycle is for washing heavily soiled laundry using more powerful wash motions.
	Allergiene™	This cycle is a powerful, high-temperature cycle designed specifically to reduce certain allergens. NOTE <ul style="list-style-type: none"> • 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.
	Sanitary	This cycle reduces 99.9% of bacteria on laundry when used in conjunction with bleach, without high energy consumption.

Cycle Guide

● = available option, ■ = default setting

Cycle	Cycle Options	Wash Temp	Spin Speed	Soil Level	Delay Wash	Extra Rinse
Normal	Turbo Wash	Extra Hot	Extra High	Heavy	●	●
	Prewash	Hot	Very High			
		Warm	High	Normal		
	Fresh Care	Cold	Medium			
		Tap Cold	Low	Light		
			Very Low			
Speed Wash		Hot			●	●
		Warm				
	Fresh Care	Cold	Medium			
			Low	Light		
			Very Low			
Heavy Duty		Extra Hot	Extra High	Heavy	●	●
	Prewash	Hot	Very High			
	Hygienic Rinse	Warm	High			
	Fresh Care	Cold	Medium			
		Tap Cold	Low			
			Very Low			
Auto Wash		Hot	Very High		●	
			High	Normal		
	Fresh Care		Medium			
			Low			
			Very Low			
Perm.Press	Turbo Wash	Extra Hot		Heavy	●	●
	Prewash	Hot	Very High			
	Hygienic Rinse	Warm	High	Normal		
	Fresh Care	Cold	Medium			
		Tap Cold	Low	Light		
			Very Low			
Wool		Hot		Heavy	●	●
		Warm		Normal		
	Fresh Care	Cold	Medium			
		Tap Cold	Low	Light		
			Very Low			

● = available option, ■ = default setting

Cycle	Cycle Options	Wash Temp	Spin Speed	Soil Level	Delay Wash	Extra Rinse
Allergiene™		Extra Hot	Extra High	Heavy	●	●
			Very High			
	Hygienic Rinse		High	Normal		
	Fresh Care		Medium			
			Low			
			Very Low			
Sanitary		Extra Hot		Heavy	●	●
	Hygienic Rinse		High	Normal		
	Fresh Care		Medium			
			Low			
Speed Wash+Dry	Turbo Wash				●	●
		Hot	Very High			
		Warm				
		Cold				
				Light		
Baby Wear		Extra Hot		Heavy	●	●
	Prewash	Hot				
	Hygienic Rinse	Warm	High	Normal		
	Fresh Care	Cold	Medium			
		Tap Cold	Low			
			Very Low			
Outdoor	Turbo Wash			Heavy	●	●
		Hot				
		Warm		Normal		
	Fresh Care	Cold	Medium			
		Tap Cold	Low	Light		
			Very Low			
Delicate	Turbo Wash			Heavy	●	●
		Hot				
		Warm		Normal		
	Fresh Care	Cold	Medium			
		Tap Cold	Low	Light		
			Very Low			

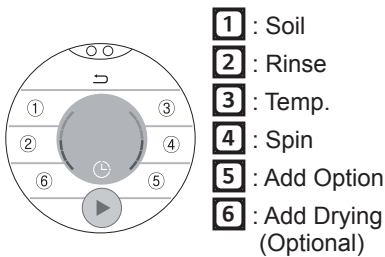
● = available option, ■ = default setting

Cycle	Cycle Options	Wash Temp	Spin Speed	Soil Level	Delay Wash	Extra Rinse
Tub Clean		Extra Hot				
				Normal		
Rinse + Spin			Extra High			
			Very High			
	Hygienic Rinse		High	Normal	●	●
	Fresh Care		Medium			
			Low			
Spin			Very Low			
			Extra High			
			Very High			
	Fresh Care		High		●	
			Medium			
Bulky/Large			Low			
	Turbo Wash			Heavy		
		Hot				
		Warm		Normal	●	●
	Fresh Care	Cold				
Cotton+		Tap Cold	Low	Light		
			Very Low			
	Turbo Wash	Extra Hot	Extra High	Heavy		
	Prewash	Hot	Very High			
	Hygienic Rinse	Warm	High	Normal	●	●
	Fresh Care	Cold	Medium			
	Tap Cold	Low	Light			
		Very Low				

Cycle Modifier Buttons

Each cycle has default settings that are selected automatically. Customize these settings using the cycle modifier buttons. Press the button for the desired modifier to open the modifier's screen. The washer automatically adjusts the water level for the type and size of wash load for best results and maximum efficiency. Due to the high-efficiency nature of this product, water levels may be much lower than expected. This is normal and cleaning/rinsing performance will not be compromised.

When you select a cycle, washing starts with the default settings. If needed, modify the cycle as shown below.



- 1 Press the **Power** button.
- 2 Select a washing cycle.
- 3 Select the options you want to change.
- 4 Change the options and press the **OK** button.
- 5 Press the **Start/Pause** button.

1 Soil

Adjusting the soil level setting will change the cycle times and/or wash actions. Touch the Soil button to open the modifier's screen and change the default soil level.

NOTE

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

2 Rinse

This option adds an extra rinse to the selected cycle to help ensure the removal of detergent or bleach residue from fabrics. Liquid fabric softener, if used, is always dispensed in the final rinse. Touch the Rinse button to open the modifier's screen and add rinses to the cycle.

3 Temp.

Temp. selects the wash and rinse temperature combination for the selected cycle. Touch the Temp button to open the modifier's screen and change the default temperature setting. Cold rinses use less energy. The actual cold rinse temperature depends on the temperature of the cold water at the faucet.

The 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.

NOTE

- Select the water temperature suitable for the type of load you are washing. Follow the garment fabric care labels for best results.

4 Spin

Higher spin speeds extract more water from clothes, reducing drying time and saving energy. Touch the Spin button to open the modifier's screen and change the default spin speed. Some fabrics, such as delicates, require a slower spin speed. To protect your clothing, not all spin speeds are available for all cycles.

- The Rinse+Spin and Spin cycles are available in the last cycle category screen.

5 Add Option

Option settings may be different depending on the cycle.

Turbo Wash

Adding the Turbo Wash™ option reduces the cycle time while still providing similar wash performance to the same cycle without Turbo Wash™.

NOTE

- The Turbo Wash™ option cannot be used with all cycles.
- Turbo Wash™ defaults to on for Normal, Heavy Duty and Perm.Press wash cycles.

Prewash

Add the Prewash option to heavily soiled loads.

NOTE

- If you select Prewash after putting the detergent directly in drum, the detergent may be washed away, reducing the washing performance. For best results, use **Prewash** with the Auto Detergent function.

Hygienic Rinse

Use this option to improve cleaning or rinsing performance. The final rinse is heated to 104°F (40°C).

Fresh Care

Use this function when you won't be able to take out your clothes immediately after the wash cycle ends. After the cycle ends, the drum will tumble periodically for up to 19 hours to prevent wrinkles. Press the **Start/Pause** or **Power** button at any time to unload laundry.

NOTE

- To prevent tangling of your laundry, the tub will rotate for a certain period of time after spinning is finished.

6 Add Drying

Option settings may vary based on the dry cycle selected. Refer to the Drying Cycle Guide.

Air Cooling

Use this setting for air drying temperature sensitive items or to cool down clothes after drying, if they are too hot to handle.

Normal

Use the Normal Dry setting to dry normal fabrics.

Damp

Use Damp Dry to leave clothes slightly damp for easier ironing.

Energy Saving

Use this special setting to optimize energy consumption during drying.

Speed

Use Speed Dry to dry clothes more quickly.

Time Drying (30/60/90/120 min)

Time Dry allows you to manually set the dry time, from 30 to 120 minutes, in 30-minute increments.

Drying Cycle Guide

● = available option, ■ = default setting

Cycle	Cycle Options	Wash Temp	Spin Speed	Soil Level	Delay Wash	Extra Rinse
Normal	Air Cooling		Extra High		●	
	Normal		Very High			
	Damp		High			
	Energy saving					
	Speed					
	Time Drying (30/60/90/120 min)					
Outdoor	Air Cooling				●	
	Normal					
	Damp		High			
			Medium			
Time Dry	Air Cooling		Extra High		●	
			Very High			
			High			
	Time Drying (30/60/90/120 min)					
Wash+Dry	Air Cooling	Extra Hot	Extra High	Heavy	●	●
	Normal	Hot	Very High			
	Damp	Warm	High	Normal		
	Energy saving	Cold				
	Speed	Tap Cold		Light		
	Time Drying (30/60/90/120 min)					
Perm. Press	Air Cooling				●	
	Normal		Very High			
	Damp		High			
			Medium			
Delicate	Air Cooling				●	
	Normal					
			Medium			

Special Cycles/Features

After selecting a cycle, press the buttons to select additional features for your load.

Delay Wash

Once you have selected the cycle and other settings, press this button to delay the start of the wash cycle. Each press of the button increases the delay time by 1 hour, for up to 19 hours. Once the desired delay time is set, press the **Start/Pause** button to start the delay time.

Add Garments

Use this function to add garments or remove foreign objects like coins or keys after the cycle has started.

- 1 Press the **Start/Pause** button.
- 2 Press **Add Garments**. The cycle pauses and the door unlocks.
- 3 Open the door, add garments or remove foreign objects, and close the door.
- 4 Press the **Start/Pause** button again to continue the cycle. The cycle continues automatically.

NOTE

- After checking the water level/temperature conditions for safety, the door unlocks once the wash movement has stopped.
- This may take several seconds depending on the water level. When a lot of water is in the tub, the door unlocks after water drains to a safe level.
- If the temperature in the tub is higher than 113 °F (45 °C), a short warning chime sounds and Add Garments is not allowed for safety.
- Add Garments is disabled during the Tub Clean cycle or while a cycle is in Spin mode for safety.
- To preserve wash performance, wash time may be extended depending on when garments are added to a cycle.

WARNING

- Be careful when opening the door as wet laundry may drip or fall out when the door is opened.
- Do not attempt to force the door to open when locked. Doing so could result in damage to the machine, malfunction, or personal injury.

Drying Tips

Use the sensor dry cycles to dry most loads. Electronic sensors measure the temperature of the exhaust to increase or decrease drying temperatures for faster reaction time and tighter temperature control.

- Cold water tap must be left on during drying cycles.
- This washing machine's automatic process from washing to drying can be selected easily.
- For most even drying, make sure all articles in the load are similar in material and thickness.
- Do not overload the washing machine by stuffing too many articles into the drum. Items must be able to tumble freely.
- Remember to press Start/Pause to resume the cycle if you open the door to remove clothing before the cycle is finished.
- When "Cool Down" appears in the display, the dry cycle has finished and the dryer is air drying to reduce wrinkles. Press Start/Pause or the Power button at any time to remove clothing. If not stopped, the cool down will end after about 4 hours.

NOTE

- To spin clothes while drying, select the spin speed in the modifier screen for each dry cycle.
- Be careful when removing your clothing from the washing machine, as the clothing or washing machine may be hot.

Woolen Articles

- Do not tumble dry woolen articles. Pull them to their original shape and dry them flat.

Woven and Loopknit Materials

- Some woven and loopknit materials may shrink, by varying amounts, depending on their quality.
- Always stretch these materials out immediately after drying.

Permanent Press and Synthetics

- Do not overload the washing machine.
- Take out permanent press articles as soon as the washing machine stops to reduce wrinkles.

Baby Clothes and Night Gowns

- Always check the manufacturer's instructions.

Rubber and Plastics

- Do not dry any items made from or containing
 - aprons, bibs, chair covers
 - curtains and table cloths
 - bathmats

Fiberglass

- Do not dry fiberglass articles in the washing machine. Glass particles left in the washing machine may be picked up by your clothes the next time you use the washing machine and cause skin irritation.

Drying Time Guide

- Drying cycles can last up to about 7 hours.
- These drying times are given as a guide to help you set your washing machine for manual drying.
- If the load is not dry after the estimated time, the drying time is modified automatically and the new estimated time appears in the display.

NOTE

- The actual drying time may vary from the estimated drying time for the sensor dry cycles. Drying time is affected by the type of fabric, load size, and selected dry level.