Washer

User manual

WF45T6000A*

SAMSUNG

Before you start

Initial settings

Run Calibration (recommended)

Calibration ensures accurate weight detection by the washer. Make sure the drum is empty before running Calibration.

1. Press **Power** to turn on the washer.
2. Press and hold **Temp.** and **Delay End** simultaneously for 3 seconds.
3. Press and hold **Start/Pause (Hold to Start)** to start Calibration.
   - The door is locked during the operation.
   - The drum keeps rotating clockwise and counterclockwise for several minutes.
4. When complete, the washer turns off automatically.

Laundry guidelines

STEP 1 Sort

Sort the laundry according to these criteria:
- Care Label: Sort the laundry into cottons, mixed fibers, synthetics, silks, wools, and rayon.
- Color: Separate whites from colors.
- Size: Mixing different sized items together in the drum improves the washing performance.
- Sensitivity: Wash delicate items separately. For pure, new woolen items, curtains, and silk items, check the labels on the items.

📄 **NOTE**

Make sure to check the care label on all clothing, and sort clothing accordingly before starting the wash.

STEP 2 Empty pockets

Empty all the pockets of your laundry items
- Metal objects such as coins, pins, and buckles on clothing may damage other laundry items as well as the drum.

Turn clothing with buttons and embroideries inside out
- If pants or jacket zippers are open while washing, the drum may be damaged. Zippers should be closed and fixed with a string.
- Clothing with long strings may become entangled with other clothes. Make sure to tie the strings before starting the wash.

STEP 3 Use a laundry net

- Brassieres (water washable) must be placed in a laundry net. Metal parts of the brassieres may break through and tear other laundry items.
- Small, light clothing such as socks, gloves, stockings, and handkerchiefs may become caught around the door. Place them inside a fine laundry net.
- Do not wash the laundry net by itself without other laundry. This may cause abnormal vibrations that could move the washer and result in injury.

STEP 4 Determine the load capacity

Do not overload the washer. Overloading may cause the washer to wash improperly.

📄 **NOTE**

When washing bedding or bedding covers, the wash time may be lengthened or the spin efficiency may be reduced.

For bedding or bedding covers, the recommended maximum spin level is Level 2 or Level 3, and the load capacity is 3.0 kg or less.

⚠ **CAUTION**

If the laundry is unbalanced and the "**UB**" information code is displayed, redistribute the load. Unbalanced laundry may reduce spinning performance.

STEP 5 Add the correct detergent type

The type of detergent you use - general purpose, specifically for woolens, etc. - depends on the type of fabric (cotton, synthetic, delicate items, wool), color, wash temperature, and degree of soiling. Regardless of the specific type of detergent you use, always use "low suds" HE laundry detergent which is designed for automatic washers.

📄 **NOTE**

- Follow the detergent manufacturer's recommendations based on the weight of the laundry, the degree of soiling, and the hardness of the water in your local area. If you are not sure about the water hardness, contact your local water authority.
- Do not use detergent that tends to harden or solidify. This detergent may remain after the rinse cycle, blocking the drain outlet.

⚠ **CAUTION**

When washing wool using the WOOL cycle, use only a neutral liquid detergent. Powdered detergent used with the WOOL cycle can remain on the laundry and discolor it.

Before you start

Use HE detergent only

Your washer is designed to use high efficiency (HE) detergents.

- For the best cleaning results, use a high efficiency detergent such as Tide HE, Wisk HE, Cheer HE or Gain HE*. High efficiency detergents contain suds suppressors that reduce or eliminate suds. When fewer suds are produced, the load tumbles more efficiently and cleaning is maximized. (* Brand names are trademarks of their respective manufacturers.)

⚠ **WARNING**

For best results, use HE detergents only. Do not use non-HE detergent, organic detergent, natural detergent or HE detergents with natural ingredients (such as vinegar, baking soda).

Detergent drawer guidelines

The washer provides a three-compartment dispenser: the front-left compartment for the main wash, the front-right for fabric softeners, and the rear-right for the liquid chlorine bleach.
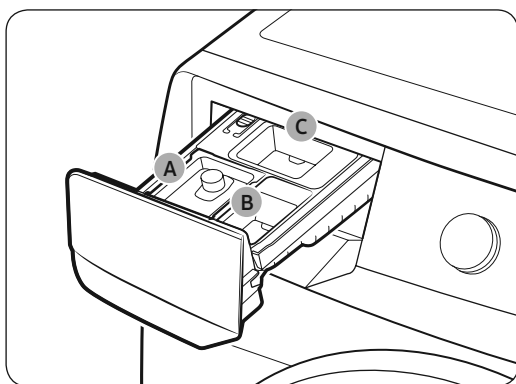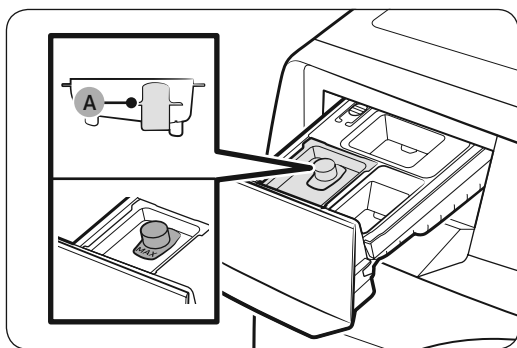
A. Main-wash compartment: Add main-wash detergent, water softener, soaking detergent, color–safe, and/or stain removers.

B. Softener compartment: Add fabric softener. Do not exceed the **max line**.

C. Bleach compartment: Add liquid chlorine bleach. Do not exceed the **max line**.

⚠ CAUTION

- Do not open the detergent drawer while the washer is operating.
- Do not put a tablet or capsule type detergents into the detergent drawer. Put them directly into the drum.
- Do not use a ball type detergent.
- To prevent the compartment from clogging, concentrated or highly-enriched agents (fabric softener or detergent) must be diluted with water before being added.

To add washing agents to the detergent drawer

1. Slide open the detergent drawer.
2. Add liquid laundry detergent to the liquid detergent container in the main wash compartment.

⚠ CAUTION

- Make sure the liquid detergent container is inserted in the main wash compartment.
- Do not exceed the marked **max line (A)**.

📑 NOTE

- Do not add powdered laundry detergent or other powdered laundry agents to the liquid laundry container.
- To use powdered detergent, see page 30.

3. Add fabric softener to the **softener compartment**. Do not exceed the **max line (B)**.
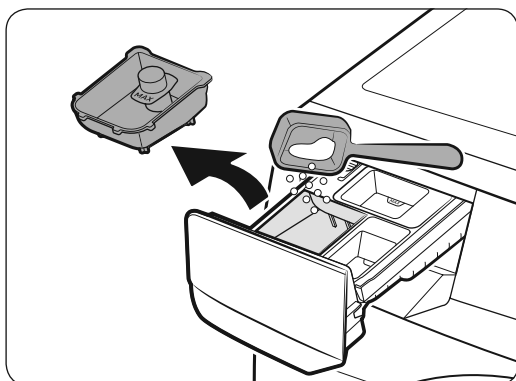
⚠ CAUTION

- Powdered fabric softener is not recommended. Use liquid fabric softener only.
- Concentrated fabric softener must be diluted with water before being added.
- Do not add main-wash detergent to the **softener compartment**.
4. Close the detergent drawer.
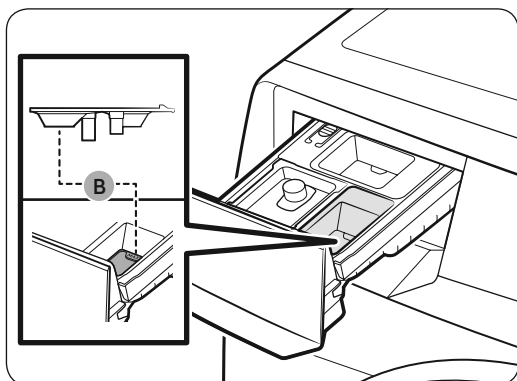
Before you start

Before you start

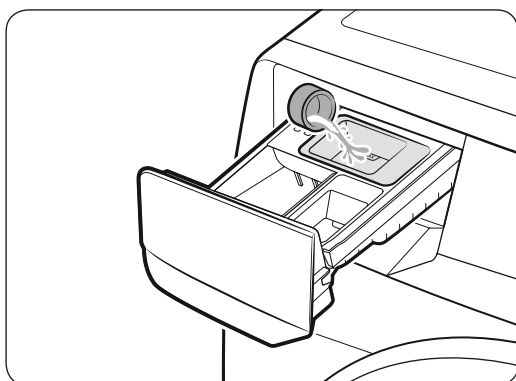### To use powdered detergent

First, remove the provided liquid detergent container from the **main-wash compartment**. Then, add powdered detergent to the **main-wash compartment** according to the detergent manufacturer's instructions.

⚠ **CAUTION**

Do not add powdered detergent to the liquid detergent container.

To use the bleach compartment

Add only liquid chlorine bleach to the **bleach compartment**. Do not exceed the **max line**.

⚠ **CAUTION**

Do not add undiluted liquid chlorine bleach directly to the load or to the drum. It is a powerful chemical and can cause fabric damage, such as weakening of the fibers or color loss if not used properly.

To use oxygen boosters or color-safe bleach
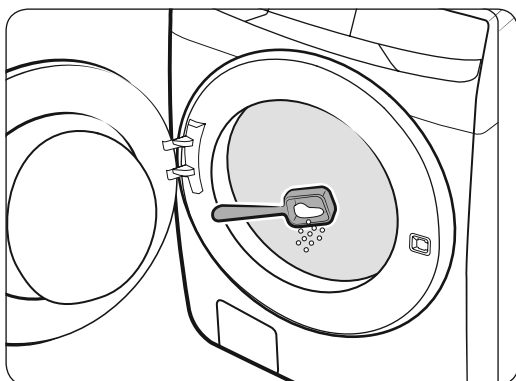
Oxygen boosters or color-safe bleach can increase washing performance. Make sure to add the oxygen booster or color-safe bleach after putting the laundry into the drum.
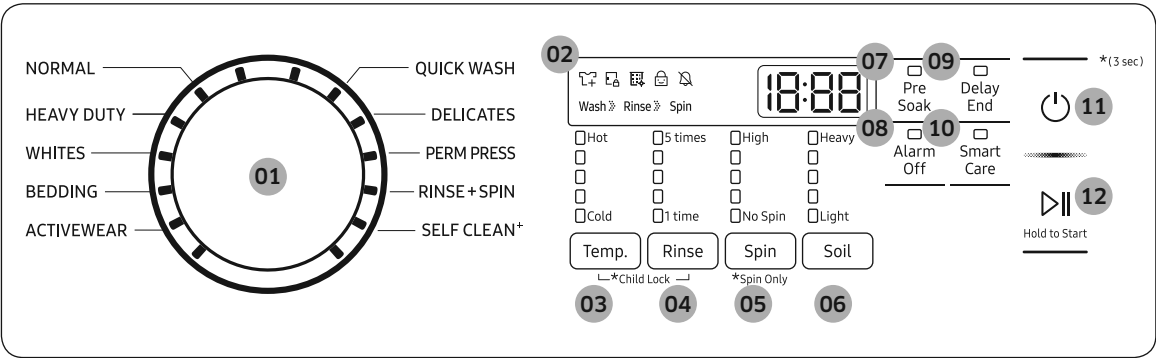
📖 **NOTE**

To use both powdered detergent and powdered oxygen booster or powdered color-safe bleach, it is more effective to put them together into the drum before loading the laundry.

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⚠ WARNING

To reduce the risk of fire, electric shock, or injury to persons, read the Safety information before operating this appliance.

Control panel

01 Cycle Selector	Turn the dial to select a cycle. (For more information about wash cycles, see page **35**.)
02 Display	The display shows current cycle information and estimated time remaining, or an information code if the washer needs to be checked.
03 Temp.	Press to change the water temperature for the current cycle. • **Hot (Level 5)**: Heavily soiled, colorfast items. Only available with **NORMAL**, **HEAVY DUTY** and **SELF CLEAN⁺**. • **(Level 4)**: Whites and heavily soiled, colorfast items. • **(Level 3)**: Colorfast items. • **(Level 2)**: Brightly colored, very lightly soiled items. • **Cold (Level 1)**: Uses only cold water without utilizing the washer's heater. No warm water is supplied.
04 Rinse	Press to change the rinse count for the current cycle. • You can select 1 to 5 rinses.

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05 Spin	Press to change the spinning speed for the current cycle. • **High (Level 5)**: Extends the spinning process to effectively remove moisture from the load. This level uses a stronger spinning process to remove moisture, so it is not suitable for wrinkle-free or non-iron fabrics, or overloads. • **(Level 4)**: Underwear, t-shirts, jeans, and sturdy cottons. • **(Level 3)**: Jeans, wrinkle-free or wash-and-wear items, and synthetics. • **(Level 2)**: Delicate items that require a lower spinning speed. • **No Spin (Level 1)**: The drum does not spin after the final drain process. **Rinse hold** (All indicators are off): The final rinse process is suspended so that the laundry remains in the water. To unload the laundry, run a drain or spin process. 📄 **NOTE** **Spin Only**: To perform the spin process only, press and hold **Spin** for 3 seconds. With the cycle time on the display, press **Spin** repeatedly until a desired spinning speed is selected. Then, press and hold **Start/Pause (Hold to Start)** to start.
06 Soil	Press to change the soil level for the current cycle. • **Heavy (Level 5)**: For extremely soiled loads. • **(Level 4)**: For heavily soiled loads. • **(Level 3)**: For moderately soiled loads. This setting is best for most loads. • **(Level 2)**: For lightly soiled loads. • **Light (Level 1)**: For barely soiled loads.
07 Pre Soak	Press to add 30 minutes of soaking time at the start of the wash cycle for better stain removal.
08 Alarm Off	Press to turn the alarm sound on or off. When the alarm is off, the cycle completion melody and the power-off beep will not sound. However, button and alert sounds will remain on.
09 Delay End	Set the washer to finish your wash automatically at later time. Choose a delay of between 1 to 24 hours (in 1 hour increments). (For more information about Delay End, see page **38**.)
10 Smart Care	This function enables you to check the status of the washer using a smartphone.
11 Power	Press to turn the washer on or off.

12 Start/Pause (Hold to Start)	Press and hold to start operation or press to stop operation temporarily.

Icon description

Icon	Name	Description
🗘₊	Garment+	• This icon indicates you can add or take out items after a cycle has started. • To add or take out items, press **Start/Pause (Hold to Start)** to pause the cycle, and then open the door. To resume the cycle, close the door, and then press and hold **Start/Pause (Hold to Start)**.
🔒	Door Lock	• This icon indicates the door is locked and cannot be opened. • The door locks automatically during a cycle and this indicator turns on. • You can open the door when this icon disappears.
▦✦	SELF CLEAN⁺ reminder	• This icon indicates that you should clean the drum using the SELF CLEAN⁺ cycle. • After every 40 cycles, this icon appears for an hour and then turns off automatically. The icon will appear for 5 more cycles, turn off, and then will not appear for another 40 cycles.
🔒	Child Lock	• This icon indicates that Child Lock is on. • For more information on Child Lock, see page **39**.
🔕	Alarm Off	• This icon indicates that the alarm is off. • For more information on Alarm Off, see page **39**.

Operations

Operations

Simple steps to start
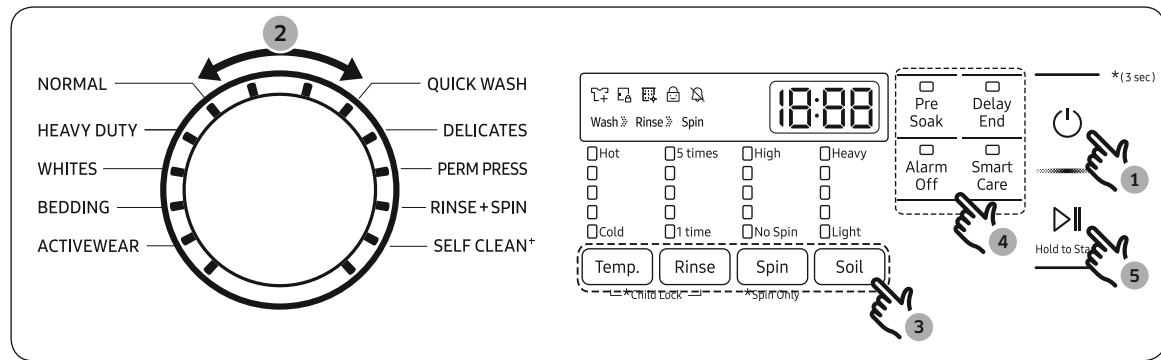
1. Press **Power** to turn on the washer.
2. Turn the **Cycle Selector** to select a cycle.
3. Change the cycle settings (**Temp.**, **Rinse**, **Spin**, and **Soil**) as necessary.
4. Select desired options as necessary.
5. Press and hold **Start/Pause (Hold to Start)**.

To change the cycle during operation

1. Press **Start/Pause (Hold to Start)** to stop operation.
2. Select a different cycle.
3. Press and hold **Start/Pause (Hold to Start)** again to start the new cycle.

⚠ **WARNING**

Do not place anything on top of your washer while it is running.

Cycle overview

📄 **NOTE**

The washer detects the weight of the items and automatically adjusts the optimal water level, washing time, rinse counts, and spin counts. (This may not be applicable on some cycles.)

Cycle	Description
NORMAL	• For cottons, bed linens, table linens, underwear, towels, or shirts. The washing time and the number of rinses are automatically adjusted according to the load.
HEAVY DUTY	• For sturdy, colorfast fabrics and heavily soiled items.
WHITES	• For white items. You can wash with or without bleach.
BEDDING	• For bulky items such as comforters, blankets, and sheets. • For best results, wash only 1 type of bedding. • For bulky items, use liquid detergent and do not roll the items in the drum because they might get stuck in the drum.
ACTIVEWEAR	• For exercise wear such as sports jerseys, training pants, shirts/tops and other performance clothing. This cycle provides effective soil removal with controlled drum rotation for special fabric care.
QUICK WASH	• For lightly soiled items that you want to finish washing quickly. • For best performance, recommended load is 4 lb or lower.
DELICATES	• For sheer fabrics, bras, lingerie (silk), and other handwash-only fabrics. • For best performance, use liquid detergent.
PERM PRESS	• For wash-and-wear, synthetic fabrics, and lightly to normally soiled items.
RINSE+SPIN	• Features an additional rinse process after fabric softener is applied to the laundry.
SELF CLEAN+	• Cleans the drum by removing dirt and bacteria from the drum. • Perform once every 40 washes. • Make sure the drum is empty.

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Cycle chart

Use this chart to set the best cycle and options for your laundry.

📄 **NOTE**

Setting	Temp.	Rinse	Spin	Soil
● : factory setting	5 : Hot (Level 5)	5 : 5 times (Level 5)	5 : High (Level 5)	5 : Heavy (Level 5)
○ : can be selected	4 : (Level 4)	4 : (Level 4)	4 : (Level 4)	4 : (Level 4)
	3 : (Level 3)	3 : (Level 3)	3 : (Level 3)	3 : (Level 3)
	2 : (Level 2)	2 : (Level 2)	2 : (Level 2)	2 : (Level 2)
	1 : Cold (Level 1)	1 : 1 time (Level 1)	1 : No spin (Level 1)	1 : Light (Level 1)

Cycle	Functions									
	Temp.					Rinse				
	5	4	3	2	1	5	4	3	2	1
NORMAL	○	○	●	○	○	○	○	○	●	○
HEAVY DUTY	○	●	○	○	○	○	○	○	●	○
WHITES		○	●	○	○	○	○	○	●	○
BEDDING			●	○	○	○	○	○	●	○
ACTIVEWEAR			●	○	○	○	○	○	●	○
QUICK WASH		○	●	○	○	○	○	○	○	●
DELICATES			○	○	●			○	●	○
PERM PRESS			●	○	○	○	○	○	●	○
RINSE+SPIN						○	○	○	○	●
SELF CLEAN⁺	●								●	

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Cycle	Functions									
	Spin					Soil				
	5	4	3	2	1	5	4	3	2	1
NORMAL	○	●	○		○	○	○	●	○	○
HEAVY DUTY	●	○	○	○	○	●	○	○	○	○
WHITES	○	●	○	○	○	○	○	●	○	○
BEDDING			○	●	○	○	○	●	○	○
ACTIVEWEAR				●	○	○	○	●	○	○
QUICK WASH	●	○	○	○	○	○	○	○	○	●
DELICATES			●	○	○	○	○	●	○	○
PERM PRESS		○	○	●	○	○	○	●	○	○
RINSE+SPIN	○	●	○	○	○					
SELF CLEAN+	●									

| Cycle	Options	
	Pre Soak	Delay End
NORMAL	○	○
HEAVY DUTY	○	○
WHITES	○	○
BEDDING	○	○
ACTIVEWEAR	○	○
QUICK WASH		○
DELICATES		○
PERM PRESS	○	○
RINSE+SPIN		○
SELF CLEAN+		○

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Special features

Delay End

You can set the washer to finish your wash automatically at a later time by choosing a delay of between 1 to 24 hours (in 1 hour increments). The hour displayed indicates the time the wash will finish.

1. Select a cycle. Then, change the cycle settings if necessary.
2. Press **Delay End** repeatedly until a desired end time is set.
3. Press and hold **Start/Pause (Hold to Start)**.
4. To cancel Delay End, restart the washer by pressing **Power**.

Real-life case

You want to finish a two-hour cycle 3 hours from now. To do this, you add the Delay End option to the current cycle with a 3-hour setting, and then press and hold **Start/Pause (Hold to Start)** at 2:00 pm. The washer starts operating at 3:00 pm and ends at 5:00 pm. Provided below is the time line for this example.

2:00 pm	**3:00 pm**	**5:00 pm**
Set Delay End to 3 hours	Start	End
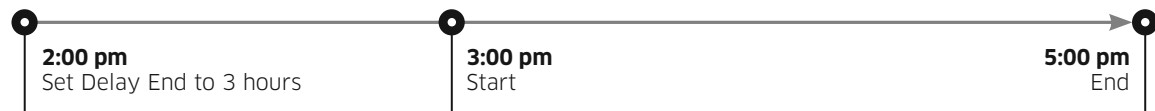
ATC (Auto Temperature Control)

ATC enables the washer to control water temperatures in each washing cycle using the internal thermistor. It is designed to maintain certain washing temperatures for best results.

📄 **NOTE**

- If you select **NORMAL** or **HEAVY DUTY**, you may notice the washer supplying cold water. This is normal because the machine is designed to reduce power consumption. In these cycles, the water temperature for Level 5 is similar to bath-water temperatures, and Level 3 is similar to comfortable swimming pool temperatures.
- To wash clothes at a specific temperature, you must choose a different cycle first.

Child Lock 🔒

The Child Lock function locks the washer door to prevent children from climbing into and suffocating inside the drum.

- To activate or deactivate Child Lock, press and hold both **Temp.** and **Rinse** for 3 seconds.
  - When Child Lock is activated, the door locks and the Child Lock indicator turns on. All the buttons on the control panel becomes inactive, and you must deactivate Child Lock to use the control panel.
  - When Child Lock is deactivated, the door unlocks and the Child Lock indicator turns off. All the buttons on the control panel becomes active, and you can use the control panel.

📄 NOTE

To add laundry after activating Child Lock, deactivate Child Lock or restart the washer.

Alarm Off 🔕

You can turn the alarm sound on or off. When the alarm is off, the cycle completion melody and the power-off beep will not sound. However, the other sounds stay active.

- Press **Alarm Off** to turn the alarm on or off.
- Your setting will be kept even after you turn off and then restart the appliance.

Operations

Maintenance

Keep the washer clean for best performance and to lengthen its life cycle.

⚠ WARNING

Certain internal parts are intentionally not grounded and may present a risk of electric shock only during servicing. Service personnel – Do not contact the following parts while the appliance is energized: Control board, heat sink, motor, inlet valve and pump.

Self Clean⁺

Certain usage and environmental conditions may result in some residue build-up or odor in the washer drum. To prevent this build-up of residue or odor causing bacteria and keep your washer drum fresh and clean, perform the SELF CLEAN⁺ cycle at least once a month or every 40 cycles. Perform the recommended procedure below when using the SELF CLEAN⁺ cycle.

1. Remove all items from the washer drum and ensure the drum is empty. Laundry left in the drum during the SELF CLEAN⁺ cycle may be damaged.
2. Press **Power** to turn on the washer.
3. Turn the **Cycle Selector** to **SELF CLEAN⁺**.
4. Press and hold **Start/Pause (Hold to Start)**.

📄 NOTE

- The water temperature for SELF CLEAN⁺ is defaulted to Hot. This temperature cannot be changed.
- In the case where residue is present in the washer drum, add liquid chlorine bleach to the MAX level line in the main-wash compartment before starting the SELF CLEAN⁺ cycle. Do not add the liquid chlorine bleach to the bleach compartment (This is only the case for SELF CLEAN⁺ cycle).
- Do not exceed the max line. Do not use or mix any other detergent or chemicals during the SELF CLEAN⁺ cycle. If necessary, run a RINSE+SPIN cycle after the SELF CLEAN⁺ cycle has completed to help remove any remaining residue.

⚠ CAUTION

If there is chlorine bleach left in the washer drum for an extended period of time, rust can occur.

SELF CLEAN⁺ reminder (▦)

- After 40 washing cycles, the SELF CLEAN⁺ LED reminder icon and the SELF CLEAN⁺ cycle LED will blink on the control panel for an hour and then turn off automatically.
- The reminder will appear on the control panel for 5 additional consecutive cycles before turning off. The next reminder will not appear until another 40 cycles have been completed.