

Part No. 33860
9/90

Amana

A **Raytheon** Company

AUTOMATIC WASHER OPERATING INSTRUCTIONS

**Models: LW3603
LW3903
LW9103**

KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE. (If the washer changes ownership, be sure this manual accompanies the washer.)

▲WARNING

**FOR YOUR SAFETY
and to reduce the risk of fire or an
explosion, do not store or use
gasoline or other flammable vapors and
liquids in the vicinity of this or any
other appliance.**

Operating Instructions

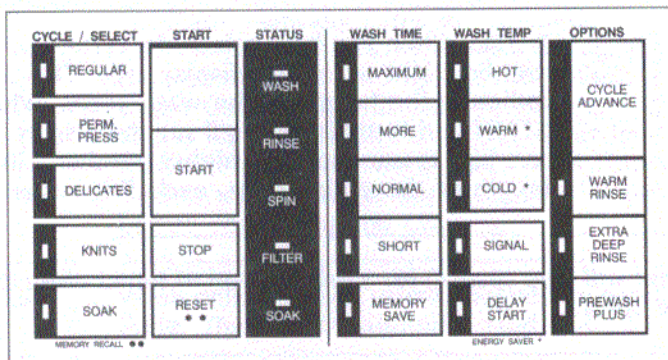
To Wash Clothes

IMPORTANT: Before using your new washer, make sure the washer cord is plugged into a 120 Volt electrical outlet that has the proper grounding and polarity, that washer hoses are connected to the hot and cold water faucets, and that faucets are turned on. Be sure the drain hose is not kinked and is inserted into a drain. See the **INSTALLATION INSTRUCTIONS** for details of proper washer installation. Keep these instructions for future reference.

1. Get the clothes ready for washing. Empty the pockets and cuffs. Sort items into separate loads. Pretreat stains and heavily soiled areas. Consult the Handbook (supplied with the washer) for information on how to get the best cleaning results.
2. Measure and add the detergent to the washtub.
3. Add clothes loosely into the washtub. The bulk of the clothes rather than the weight will determine load size.
4. Close the loading door. The washer will not agitate or spin with the loading door open.

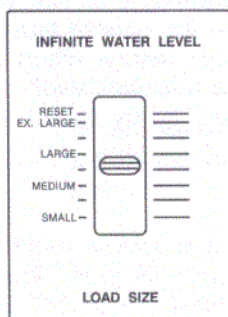
⚠WARNING To reduce the risk of severe personal injury, **DO NOT** by-pass the loading door switch by permitting the washer to agitate or spin with the loading door open.

- Set the LOAD SIZE WATER LEVEL control. Use RESET if agitation has started and more water is needed.



IMPORTANT: Holding the LOAD SIZE WATER LEVEL control in the RESET position can cause flooding of the washer.

- Press one of the cycle selection pads to select a cycle which is appropriate for the type of fabric being washed; REGULAR, PERMANENT PRESS, DELICATES, KNITS or SOAK. These are automatic, preprogrammed cycles.



- Select the desired cycle options by pressing the various pads to the right of the STATUS LIGHTS. See CUSTOMIZING CYCLES for detailed information.

8. Press the START pad. Washer will start immediately and stop automatically when the cycle has completed. Washer will not start until START is pressed.

NOTE: When you have selected a cycle, you'll see a number light up in the display area. This number indicates the length of the wash cycle. When the START pad is pressed, you'll see the display change to a higher number. This higher number tells you the length of the entire cycle, excluding water fills.

The washer will stop (pause) for a brief period of time before the wash and rinse spins.

Automatic Cycles

Your washer may not have all of these cycles. The model of washer you have will determine which cycles are available.

REGULAR

Use for sturdy items, like play or work clothes, towels, T-shirts, etc. The wash time selection will depend on the type of fabric and the amount of soil. For the best results when cleaning heavily soiled items, use a longer wash time (15 minutes maximum). Lightly soiled items require less wash time.

PERMANENT PRESS

Use for permanent press items and synthetics. The wash time selection will depend upon the type of fabric and amount of soil. The PERMANENT PRESS cycle automatically cools the temperature of the fibers before the spin. After wash the agitation stops, the washtub spins slowly, partially drains and then stops. Cold water will then be automatically added to the washtub until the proper water level is reached. When the COOL DOWN is complete, the washer will pause for approximately 10 seconds before continuing the cycle.

DELICATES

Wash delicate items usually washed by hand on this cycle. There is an automatic cold rinse.

The wash portion of this cycle alternates between short periods of agitation and longer periods of soaking. This method ensures gentle handling.

KNITS

Use this cycle to wash knit items. READ THE GARMENT MANUFACTURER'S CARE LABEL FIRST to determine if the item is machine washable.

The wash portion of this cycle alternates between short periods of agitation and longer periods of soaking. The KNITS cycle has a cool-down similar to the DELICATES cycle.

SOAK

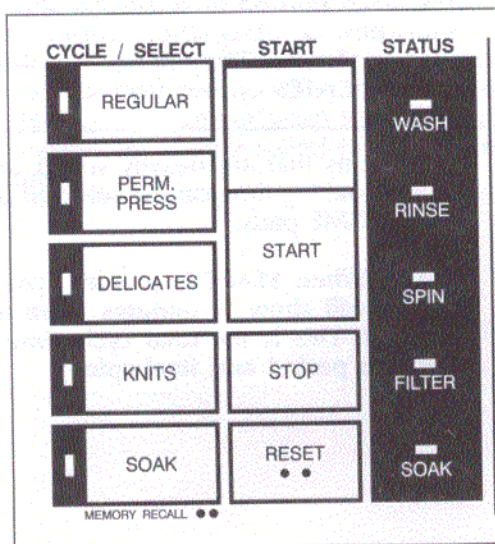
Soak items that are heavily soiled or stained. More or less soaking time can be selected by pressing the WASH TIME pads.

NOTE: When START is pressed, you'll notice the display will show 10 minutes more time than you selected. This is the total cycle time, including the agitation period and final spin.

Status LIGHTS

The STATUS lights illuminate to show you at a glance, what is happening inside the washer.

- WASH** Lights up during the wash portion of the cycle.
 - RINSE** Lights up during the rinse portion of the cycle.
 - SPIN** Lights up during the final spin.
 - FILTER** Flashes whenever the lint filtering system is activated.
 - SOAK** Lights up whenever the load is soaking. Also, lights up during the soak portion of the SOAK cycle.
- WASH and SOAK** Both light up during the wash portion of the DELICATES and KNITS cycle and during periods of soaking.



Other Features

Digital Display

Shows you the length of the wash cycle you have selected and counts down the number of minutes (excluding water fills) remaining in the cycle. The display also shows the number of hours remaining during the DELAYED START countdown on those models equipped with DELAYED START.

Flashing Digital Display Light

Tells you the START pad must be pressed in order to continue cycle. Close the washer loading door. The washer will not run with the loading door open.

Flashing Digital Display Light and Signal

Load is out-of-balance. Open loading door, redistribute load and close loading door. Press the START pad. Washer will continue with cycle.

START

Press the START pad to start washer. Washer will not run until the START pad is pressed.

STOP

Press the STOP pad to stop washer at any point in the cycle. Washer will stop and remain at that portion of the cycle until the START pad is pressed. At that time, the cycle will continue where it left off.

Pressing the STOP pad two times in succession will cancel the cycle.

RESET



The RESET pad functions the same as the STOP pad. Pressing it once stops the washer, pressing it two times in succession cancels the cycle.

Customizing Preprogrammed Cycles

Your washer may or may not have all of the following selections. The model of washer you own will determine which features are available.

All preprogram cycles can be customized to fit your laundering needs. First select a cycle, then customize. The control "wakes up" only after a cycle has been selected.

WASH TIME

The type of fabric and amount of soil will determine how long of a wash time is needed. When a cycle is selected, the NORMAL SOIL LEVEL is automatically provided. The number of minutes in the wash portion of the cycle on the NORMAL SOIL LEVEL setting appears in the digital display area. This wash time can be increased or decreased by using the WASH TIME pads.

WASH TIME PADS

MAXIMUM, MORE, NORMAL and SHORT control the length of the wash cycle. The MAXIMUM pad provides the longest wash time. The SHORT pad has the shortest wash time. Each WASH TIME pad provides a range of several minutes. For instance; press the MORE and a number will appear in the display area. Press MORE again and the time will increase by one minute.

WASH TEMPERATURES

When a wash temperature cycle is selected, a warm wash and a cold rinse is automatically provided. To select a hot wash, press the HOT WASH TEMP pad. Not all fabrics can be washed safely in hot water. Your CompuCare™ washing system works to protect these heat sensitive items. You WILL NOT be able to program a hot wash on either the DELICATES or KNITS cycles, as your washer recognizes this is an inappropriate way to care for these items. Use a hot wash for sturdy garments which are heavily soiled. A warm wash cycle can be selected by pressing the WARM WASH TEMP pad. Use a warm water wash for most of your cleaning needs. A cold wash can be selected by pressing the COLD WASH TEMP pad. Use cold water for color sensitive items.

**WARM
RINSE**

A warm rinse can be selected by pressing the WARM RINSE pad. A warm rinse can cause wrinkling in some garments. A warm rinse can be selected only when the REGULAR cycle is used. Your washer will not accept a warm rinse on any other cycle.

**EXTRA
DEEP
RINSE**

An extra rinse can be obtained by pressing the EXTRA DEEP RINSE pad. If a warm rinse has been selected, both rinses will be warm.

SIGNAL

A signal is provided to let you know when the cycle has been completed. The signal has three distinctive tone levels. Pressing the SIGNAL pad once will produce the softest tone. Press the pad again and the tone will get louder. Pressing the pad a third time will result in setting the loudest tone. To turn the signal off, press the pad repeatedly until the signal light goes off. The signal will not sound if the light is off.

**MEMORY
SAVE**

You can create and save your favorite cycles by using the MEMORY SAVE option. Each programmed cycle — REGULAR, PERMANENT PRESS, DELICATES, KNITS and SOAK can have one memory cycle for a total of five memory or favorite cycles in addition to the programmed cycles.

To save a favorite cycle, first select a program cycle, then customize that cycle. When all selections have been made, press the MEMORY SAVE pad. Your favorite cycle is now saved. This cycle will be stored until you either change the cycle or until there is a power outage of several seconds or longer.

FOR EXAMPLE: Let's customize and save the REGULAR cycle. We will customize this cycle by adding more wash time, an extra rinse and a hot wash. First press the REGULAR ON/OFF SELECT pads. Next press the MORE WASH TIME pad to add wash time. Next press the EXTRA DEEP RINSE and HOT WASH TEMP pad. When all selections have been made, press MEMORY SAVE. This cycle will be available to you by pressing the REGULAR pad twice in succession.

The light on the MEMORY SAVE pad will light up when the memory cycle is on.

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To change a memory cycle, press the programmed cycle selection pad twice to recall the memory cycle. Change the cycle, then press the MEMORY SAVE pad. The old memory cycle will be deleted and the new cycle memorized in its place.

NOTE: The SIGNAL and DELAYED START can not be saved in memory.

DELAYED START

When using DELAYED START, make sure the water faucets have been turned on or the washer will not start after the time has counted down.

You can start your washer to delay starting from one to nine hours.

1. Add detergent and clothes load to the washtub.
2. Select a programmed or memory cycle.
3. Press the DELAYED START pad. At this point you'll see a number and an "h" appear in the display area. This tells you in how many hours the washer will start. Press the DELAYED START pad until the desired number of hours appears.
4. Press the START pad.
5. The "hours to go" number will remain lit while the "h" flashes. The flashing "h" tells you the washer has started to count down the time.

When the selected number of hours has passed, the washer will start and perform the cycle you selected.

Pressing the RESET or STOP pad twice will cancel the DELAYED START option. It will also cancel the entire cycle as well.

PREWASH PLUS

Prewash items which are heavily soiled or stained. Put clothes in washer. Add detergent. Place the dispenser on the agitator. Add LIQUID detergent diluted with water (no more than one cup total volume) to the dispenser.

After the PREWASH cycle has finished, the washer will automatically continue to the selected cycle (either REGULAR or PERMANENT PRESS). The detergent added to the washtub is used during the PREWASH PLUS cycle. The detergent in the dispenser is automatically released for use in the REGULAR or PERMANENT PRESS cycle. Your washer knows that longer periods of agitation could damage delicates and some knits, so it WILL NOT allow PREWASH PLUS to be programmed with the KNITS or DELICATES cycles.

Wash Temperature Selected =	HOT	WARM	COLD
Prewash Temperature Will Be =	WARM	WARM	COLD

NOTE: Rinse the dispenser thoroughly after it has been used to dispense detergent.

CYCLE ADVANCE

The CYCLE ADVANCE pad option removes the time from a cycle, starting at the beginning of the cycle. The CYCLE ADVANCE pad moves you quickly through a selected cycle in one or five minute increments. By watching the STATUS lights while pressing the CYCLE ADVANCE pad, you can see to which area in the cycle you have advanced.

TO USE ADVANCE . . . select a cycle. Press the ADVANCE pad. You'll notice the total cycle time will be displayed when the CYCLE ADVANCE pad is pushed. Pressing the pad momentarily will advance the cycle one minute at a time. Holding the pad down will advance the time in five minute increments. Use the CYCLE ADVANCE pad to travel to any area of the selected cycle.

If the washer is running and the CYCLE ADVANCE pad is pressed, the washer will stop and allow you to advance through the cycle. The START pad must then be pressed to start or continue the cycle.

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**Additional
Options
Using
ADVANCE**

Spin Only . . . select a cycle. Press the CYCLE ADVANCE pad until SPIN lights up in the STATUS area. The number in the display tells you how many minutes of spin are left. Press the START pad.

Rinse Only . . . select a cycle. Press the ADVANCE pad until RINSE lights up in the STATUS area. Press the START pad. At this point, the washer will fill with water, agitate and spin out.

Short Cycle . . . select a programmed cycle. Press the SHORT WASH TIME pad to the lowest number available in that loop. **Remember** that the CYCLE ADVANCE pad takes time off the beginning of the cycle. Pressing the CYCLE ADVANCE pad will remove agitation time from the cycle. For instance, on the REGULAR cycle, the lowest wash time obtainable on the SHORT setting is six minutes. By pressing the CYCLE ADVANCE pad twice, you can reduce the wash time by two minutes.

IMPORTANT:

When programming a "short cycle", do not remove all of the initial wash time or unsatisfactory washing results may occur.