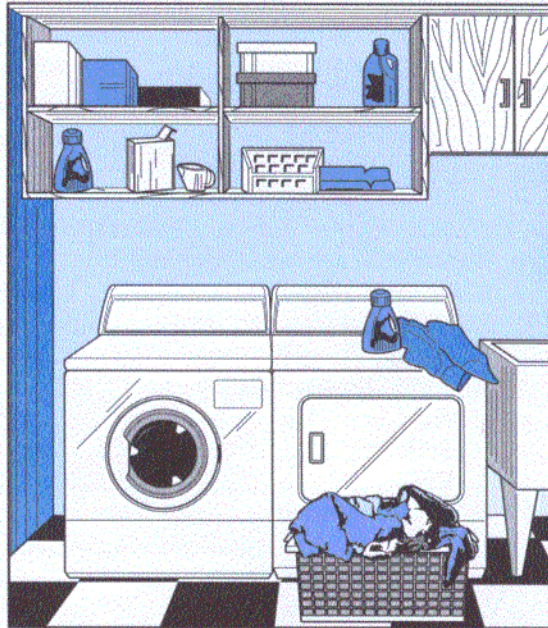


# Amana

Raytheon Appliances

**Use and Care Guide  
Tumble Action Washer**

**GUIDE D'EMPLOI ET  
D'ENTRETIEN DE  
LA MACHINE À LAVER PAR  
CULBUTAGE**



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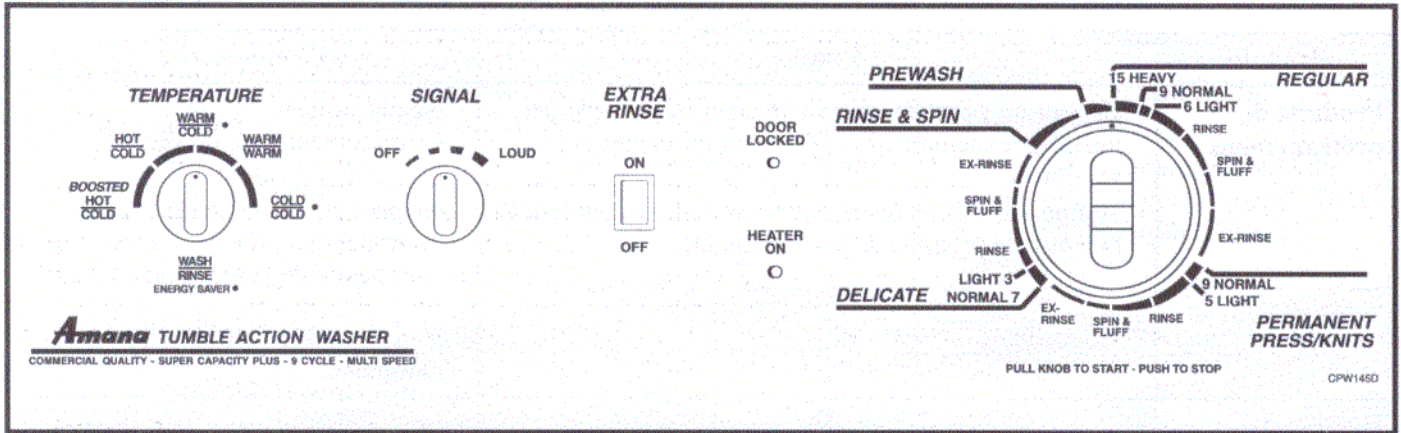
LTC85A \*

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

CONSERVER CES INSTRUCTIONS. (En cas de changement de propriétaire, s'assurer que ces instructions accompagnent la machine à laver).

Part No. 685919  
July 1997  
Réf. 685919  
Juillet 1997

# Operating Instructions . . .



## WARNING

To reduce the risk of fire, electric shock, serious injury or death to persons, read the **IMPORTANT SAFETY INSTRUCTIONS** on pages 4 and 6 before operating your washer.

W018

**NOTE:** Always Follow Manufacturer's Care Labels.

## Determine Proper Cycle

### Regular Cycle

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 the prewash setting and a longer wash time (15 minutes maximum). Lightly soiled items require less wash time.

There are four settings in the REGULAR cycle — Prewash, Heavy, Normal and Light. The prewash setting is for heavily soiled or stained clothing. The number shown next to the Heavy, Normal, and Light settings is the length of tumbling in minutes. (For example: Setting the timer on Heavy will be a 15 minute tumble, including pauses.)

**NOTE:** Detergent will not be dispensed during the Prewash setting. Use a spot remover directly on stains when using this setting.

### Permanent Press/Knits Cycle

Use for permanent press items and synthetics. The wash time selection will depend upon the type of fabric and amount of soil. There are two settings in the PERMANENT PRESS/KNITS cycle — Normal and Light. The number shown next to these settings is the length of tumbling in minutes. (For example: Setting the timer on Normal will be a nine minute tumble, including pauses.)

### Delicate Cycle

Wash delicate items usually washed before by hand on this cycle. There are two settings in the DELICATE cycle — Normal and Light. The number shown next to these settings is the length of tumbling in minutes. (For example: Setting the timer on Normal will be a seven minute tumble, including pauses.)

### Rinse and Spin Cycle

Use for items that only need to be rinsed. This cycle is also useful in ridding your washer from suds when too much detergent or regular sudsing detergent has been used.

**NOTE:** In some cases, the Rinse and Spin Cycle may not be enough to completely remove soap. In these cases, an additional Rinse and Spin setting may be necessary.

(continued)

## 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. Make sure the washer hoses are connected to the hot and cold water faucets, and that the 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.

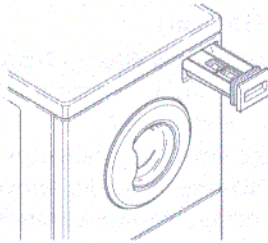
**IMPORTANT:** Prior to first wash, use an all-purpose cleaner, or a detergent and water solution, and a damp cloth to remove shipping dust from inside of washtub.

1. Get the clothes ready for washing. Empty pockets and cuffs. Sort items into separate loads. Pretreat stains and heavily soiled areas.



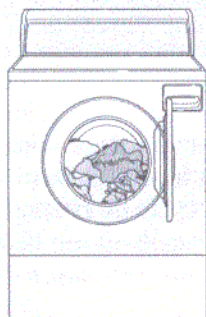
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2. Measure and add low sudsing detergent, fabric softener, and bleach to the dispenser drawer. Refer to section on **Using Your Dispenser Drawer**.



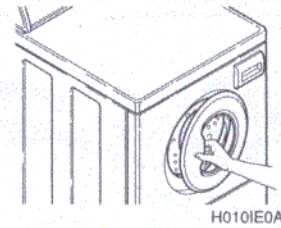
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3. Load clothes into wash drum. Refer to section on **Load Sizes**.



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4. Close the loading door tightly. The washer will not operate with the loading door open.



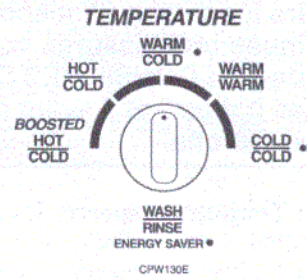
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### WARNING

**To reduce the risk of serious injury, do not by-pass the loading door switch by permitting the washer to tumble or spin with the loading door open.**

W095

5. Set WASH/RINSE temperatures.



There are five WASH/RINSE temperatures available — Boosted Hot Wash/Cold Rinse, Hot Wash/Cold Rinse, Warm Wash/Cold Rinse, Warm Wash/Warm Rinse, and Cold Wash/Cold Rinse.

See the chart on the following page for the temperature that works best for your garments.

**CAUTION: Window may be hot in the Boosted Hot and Hot Wash cycles.**

The Boosted Hot Wash will boost the water temperature in the tub to 140° and is useful for improved cleaning of some loads. The “Heater On” light will light up when the heating element is on. The timer will not advance until 140° has been reached. The time needed to reach this temperature may add an additional 30 to 60 minutes to the cycle time. Hot water is the most effective for cleaning but it is not recommended for all fabric types (read labels).

**NOTE: The Boosted Hot Wash can be turned off by rotating the WASH/RINSE temperature to another setting. (The washer may pause for a short time when this change is made).**

The Hot Wash temperature is determined by the actual temperature of the hot water supplied to the washer. The heater element will not be on.

The Warm Wash is useful for providing a thorough cleaning on lightly soiled clothing without damaging fabric or adding to color fading. This washer has a sensor that regulates the incoming water for warm wash and warm rinse and provides an overall temperature of approximately 100°F.

The Warm Rinse is useful in preventing wrinkles on certain fabrics. Check labels for fabric manufacturer’s recommendations.

The Cold Wash is ideal for delicate items. Although its cleaning abilities are not as great as with hot or warm water, it is useful for colors that bleed easily and for sensitive fabrics.

The Cold Rinse is optional in every cycle and is the most beneficial for fabrics. Cold rinses reduce wrinkling and color fading. In addition, cold rinses will save money and energy.

**NOTE: The Energy Saver settings, marked with a dot (•), show which temperature settings will use the least energy.**

**NOTE: Always follow Manufacturer’s Care Labels.**

<b>Boosted Hot</b> Approximately 140°F	<ul style="list-style-type: none"> <li>• Sturdy whites and colorfast items.</li> <li>• Work clothes.</li> <li>• Heavily soiled items.</li> <li>• Diapers.</li> </ul>
<b>Hot</b> Approximately 120°F (or as determined by outside hot water supply)	<ul style="list-style-type: none"> <li>• Sturdy whites and colorfast items.</li> <li>• Work clothes.</li> <li>• Soiled items.</li> <li>• Diapers.</li> </ul>
<b>Warm</b> Approximately 100°F	<ul style="list-style-type: none"> <li>• Light and moderately soiled items.</li> <li>• Non-colorfast or dark colors.</li> <li>• Permanent press.</li> <li>• Silks, woolens, nylon, acrylic.</li> <li>• Rinsing of some items.</li> </ul>
<b>Cold</b> Approximately 65°F	<ul style="list-style-type: none"> <li>• Non-colorfast items.</li> <li>• Extra delicate clothing.</li> <li>• Rinsing of most items.</li> </ul>

**(continued)**

- Select "Extra Rinse" if desired.

**EXTRA  
RINSE**

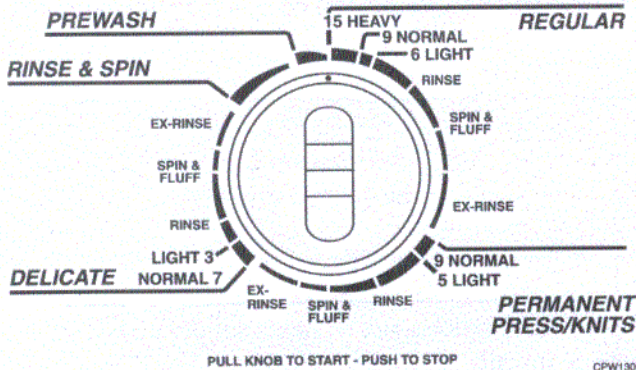


**OFF**

CPW130F

The extra rinse control is useful for detergent sensitive skin. By pressing the "Extra Rinse" to "On", the Regular, Permanent Press/Knits, or Delicate cycles will each provide an additional rinse. If the extra rinse is desired, press the switch to "On." When the extra rinse is not wanted, "Off" should be selected.

- Select the cycle according to the type of fabric being washed. Push the timer knob in and turn clockwise to the desired cycle and wash time. Use the indicator dot on the knob as a guide.



- Pull the timer knob out to start the washer. The "DOOR LOCKED" light will come on after a short delay, water fill will begin, and wash drum will begin tumbling.

**NOTE: Washer door MUST be closed tightly to start washer.**

If items need to be added or removed after a cycle has started, push the timer knob in, wait approximately 45 seconds for "DOOR LOCKED" light to go out, open door, add or remove items, adjust the timer knob (if desired) and pull timer knob out.

There is no agitator on this washer. Instead, the clothing gently tumbles through the water. The wash action consists of a period of tumbling in one direction, a brief pause, and then a reverse tumble in the opposite direction. The pauses are part of the tumble action and add to the uniqueness of the washer. Do not attempt to turn the timer through these pauses. They are part of the cycle.

**NOTE: There will be extended pauses when Boosted Hot Wash is selected because the water is being heated.**

**(continued)**

## Timer

Although the washer cycles are automatic, the timer may be reset to lengthen, shorten or repeat a portion of a cycle.

To set or reset the timer, push timer knob in to stop the washer. Hold timer knob in firmly while slowly turning it clockwise to the setting desired. Pull timer knob out to start the washer.

## “DOOR LOCKED” Light

When the washer is started, the “DOOR LOCKED” light will come on after a short delay. The light will turn off 10 to 30 seconds after the cycle is complete.

## “HEATER ON” Light

This light comes on during the Boosted Hot setting only. While the washer is heating, the “Heater On” light will turn on. The light will go off when the washer tumbles and will come back on when the heater is on.

## Out of Balance Load

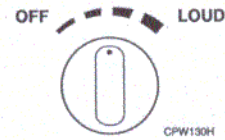
If at the end of the cycle, the load is dripping wet, the washer has limited the spin speed. This is to prevent damage to the unit if there is a severely unbalanced load.

If this condition occurs, redistribute the load manually and repeat the cycle beginning at the last rinse.

If the condition persists, consider steps discussed in the **Before Washing** section.

## End of Cycle Signal

### SIGNAL



The volume of the signal tone may be set on OFF, LOUD or between the two selections. If a volume level is selected, the signal tone will buzz on and off when the cycle is completed. The signal will stop when the door is opened, or when the timer has advanced to an OFF position.

**NOTE: If the signal comes on and remains on, the washer may have sensed an error. Unplug the washer, shut water off to washer and contact a service person.**