



# WASHER USER INSTRUCTIONS

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## Assistance or Service

If you need assistance or service, please check "Troubleshooting." If you still need help, follow the instructions below.

### If you need replacement parts

If you need to order replacement parts, we recommend that you only use factory specified parts. These parts will fit right and work right because they are made with the same precision used to build every new MAGIC CHEF® appliance. To locate factory specified parts in your area, call the dealer from whom you purchased the washer or a Magic Chef designated service company.

**NOTE:** If the power supply cord of this washer is damaged, it must be replaced by a special cord available from the dealer from whom you purchased the washer or a Magic Chef designated service company.

### For warranty information

Contact the dealer from whom you purchased your washer.

# WASHER SAFETY

## Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word “DANGER” or “WARNING.” These words mean:

**⚠ DANGER**

You can be killed or seriously injured if you don't immediately follow instructions.

**⚠ WARNING**

You can be killed or seriously injured if you don't follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

## IMPORTANT SAFETY INSTRUCTIONS

**WARNING:** To reduce the risk of fire, electric shock, or injury to persons when using the washer, follow basic precautions, including the following:

- Read all instructions before using the washer.
- Do not wash articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, other flammable, or explosive substances as they give off vapors that could ignite or explode.
- Do not add gasoline, dry-cleaning solvents, or other flammable, or explosive substances to the wash water. These substances give off vapors that could ignite or explode.
- Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for 2 weeks or more. **HYDROGEN GAS IS EXPLOSIVE.** If the hot water system has not been used for such a period, before using the washing machine, turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.
- Do not allow children to play on or in the washer. Close supervision of children is necessary when the washer is used near children.
- Before the washer is removed from service or discarded, remove the door or lid.
- Do not reach into the washer if the drum, tub or agitator is moving.
- Do not install or store the washer where it will be exposed to the weather.
- Do not tamper with controls.
- Do not repair or replace any part of the washer or attempt any servicing unless specifically recommended in this manual or in published user-repair instructions that you understand and have the skills to carry out.
- See “Electrical Requirements” for grounding instructions.

**SAVE THESE INSTRUCTIONS**

# WASHER USE

## Starting Your Washer

### ⚠ WARNING



#### Fire Hazard

Never place items in the washer that are dampened with gasoline or other flammable fluids.

No washer can completely remove oil.

Do not dry anything that has ever had any type of oil on it (including cooking oils).

Doing so can result in death, explosion, or fire.

### ⚠ WARNING



#### Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

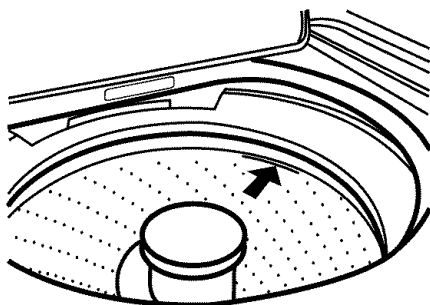
Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

1. Measure detergent and pour it into the washer. If desired, add powdered or liquid color safe bleach.
2. Drop a sorted load of clothes loosely into your washer.
  - Load evenly to maintain washer balance. Mix large and small items. Items should move easily through the wash water.
  - Load only to the top of the basket as shown. Overloading can cause poor cleaning.

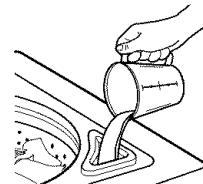


3. (OPTIONAL) Add liquid chlorine bleach.

**NOTE:** Follow the garment and the chlorine bleach manufacturers' directions for proper use. Undiluted bleach will damage any fabric it touches. The damage appears as rips, holes, tears, or color loss and may not show up until several washings later. To avoid spilling, use a cup with a pouring spout. Do not let bleach splash, drip, or run down into the washer basket. Always measure liquid chlorine bleach. Do not guess. Do not use more than the manufacturer's recommended amount for a full load. Use less with a smaller load size.

**Style 1:** With liquid chlorine bleach dispenser (on some models)

- Use only liquid chlorine bleach in this dispenser. Do not use this dispenser to add powdered chlorine or color-safe bleach to your load. Pour measured liquid chlorine bleach into the liquid chlorine bleach dispenser. Bleach is immediately fed into washer and is diluted automatically during the wash part of the cycle.



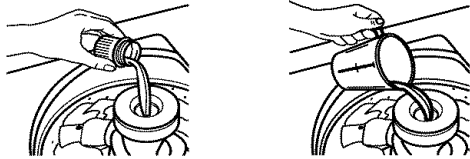
**Style 2:** Without liquid chlorine bleach dispenser (on some models)

- Let the washer fill and begin agitating the load.
  - Add bleach 5 minutes into the wash cycle for best cleaning and so that bleach can be removed in the rinse cycle. Pour bleach around the agitator, not directly onto the load to avoid damaging clothing or other items in the load.
4. (OPTIONAL) Add liquid fabric softener.

**NOTE:** Do not spill or drip any fabric softener onto the clothes. Undiluted fabric softener can stain fabrics. Always dilute fabric softener with warm water. Using too much fabric softener can make some items (diapers and towels) nonabsorbent. If this happens, do not use it in every load, or use less of it in each load.

**Style 1:** With liquid fabric softener dispenser (on some models)

- Use only liquid fabric softener in this dispenser. Pour measured liquid fabric softener into the dispenser. Softener is added automatically during the rinse portion of the cycle. Dilute liquid fabric softener by filling the dispenser with warm water until liquid reaches the underside of the rim. See max fill line arrows.



**Style 2:** Without liquid fabric softener dispenser (on some models)

- In the final rinse only, add fabric softener that has been diluted with ½ to 1 cup (125 to 250 mL) warm water.
5. Close the washer lid. Washer will not agitate or spin with the lid open.
  6. Turn the **LOAD SIZE** or **WATER LEVEL** selector to the correct setting for your wash load and the type of fabric being washed.
    - You may change the load size or water level selection after the washer has started filling by turning the selector to a different setting.
    - On models with a variable Load Size or Water Level control, you should turn the knob to **RESET**, then to desired setting.
  7. Select a Wash Temperature based on the type of fabric and soil being washed. Use the warmest wash water safe for the fabric. Follow garment label instructions.

The Automatic Temperature Control (ATC) (on some models) electronically senses and maintains a uniform water temperature by regulating incoming hot and cold water.

    - Even in Cool wash, some warm water is let into the washer to maintain a minimum temperature of approximately 70°F (21°C).

Care Control Temps (on some models) uses Automatic Temperature Control (ATC) to electronically sense and maintain a uniform water temperature by regulating incoming hot and cold water. Care Control Temps provides higher wash temperatures for the more aggressive, heavy-duty cycles and slightly lower temperatures on cycles for delicate and hand wash items, to provide better fabric care.

## Temperature Guide

Wash Temp	Suggested Fabrics
<b>Hot</b> Care Control	Whites and pastels Durable garments Heavy soils
<b>Warm</b> Care Control	Bright colors Moderate to light soils
<b>Cool</b>	Colors that bleed or fade Light soils
<b>Cold</b>	Dark colors that bleed or fade Light soils

**NOTE:** In wash water temperatures colder than 60°F (15.6°C), detergents do not dissolve well. Soils can be difficult to remove. Some fabrics can retain wear wrinkles and have increased pilling (the formation of small lint-like balls on the surface of garments).

8. You can customize your wash by adding rinse Options to your cycle selections. This knob has settings for:
  - Extra Rinse - Selecting this option provides a second rinse. An Extra Rinse can be added to any wash cycle.
  - Cycle Signal - A tone will sound at the end of the cycle. The sound level cannot be adjusted.
  - Extra Rinse & Cycle Signal - This option combines both a Extra Rinse and a Cycle Signal at the end of the wash cycle.
9. Fabric Select (on some models). Each fabric setting is designed for different types of fabric and soil levels.
10. Push in the Timer knob and turn it clockwise to the wash cycle you want. Reduce the wash time when using a small water level setting. Pull out the Timer knob to start the washer.



### To stop or restart your washer:

- To stop the washer at any time, push in the Timer knob.
- To restart the washer, close the lid (if open) and pull out the Timer knob.

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# WASHER CARE

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## Cleaning Your Washer

Use a soft, damp cloth or sponge to wipe up any spills such as detergent or bleach from the outside of your washer.

Clean your washer interior by mixing 1 cup (250 mL) of chlorine bleach and 2 cups (500 mL) of detergent. Pour this mixture into your washer and run it through a complete cycle using hot water. Repeat this process if necessary.

Remove any hard water deposits using only cleaners labeled as washer safe.

### Cleaning the liquid fabric softener dispenser (on some models):

1. Remove dispenser by grasping top with both hands and squeezing, while pushing upward with thumbs.
2. Rinse dispenser under warm water, then replace it.

**NOTE:** Some models are equipped with a liquid fabric softener dispenser. To avoid damage to the washer or clothing, do not wash clothes with the liquid fabric softener dispenser removed or add detergent or bleach to this dispenser; it is for liquid fabric softener only.

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## Water Inlet Hoses

Replace inlet hoses after 5 years of use to reduce the risk of hose failure. Periodically inspect and replace inlet hoses if bulges, kinks, cuts, wear or leaks are found.

When replacing your inlet hoses, mark the date of replacement on the label with a permanent marker.

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## Moving and Storage

Because some water may stay in the hoses, freezing can damage your washer. If storing or moving your washer during freezing weather, winterize it.

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## Winterizing your washer

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1. Shut off both water faucets. Disconnect and drain water inlet hoses. Pour 1 qt (1 L) of R.V.-type antifreeze into the basket.
2. Run washer on a drain and spin setting for about 30 seconds to mix the antifreeze and remaining water.
3. Unplug washer or disconnect power.

### To use washer again

1. Flush water pipes and hoses. Reconnect water inlet hoses. Turn on both water faucets.

## WARNING



### Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

2. Plug in washer or reconnect power.
  3. Run the washer through a complete cycle with 1 cup (250 mL) of detergent to clean out antifreeze.
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## Storage, non-use or vacation care

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Operate your washer only when you are at home. If you will be on vacation or not using your washer for an extended period of time, you should:

1. Unplug washer or disconnect power.
2. Turn off the water supply to the washer. This helps avoid flooding (due to a water pressure surge) while you are away.

# TROUBLESHOOTING

First try the solutions suggested here and possibly avoid the cost of a service call...

## Washer and Components

### Noisy

- **Is the load balanced and the washer level?** The wash load should be balanced and not overloaded. The washer must be level. The front feet should be properly installed and the nuts tightened. Reset the rear leveling legs (if needed). See the Installation Instructions.
- **Did you completely remove the yellow shipping strap with cotter pins?** See the Installation Instructions.
- **Are the gears engaging after the drain and before spin, or is the upper part of agitator clicking during wash?** These are normal washer noises.

### Leaking

- **Check the following:**
  - Are the fill hoses tight?
  - Are the fill hose washers properly seated?
  - Is the drain hose clamp properly installed? See the Installation Instructions.
- **Is the sink or drain clogged?** Sink and standpipe must be able to handle 17 gal. (64 L) of water per minute.
- **Is water deflecting off the tub ring or the load?** Center the tub before starting the washer. The wash load should be balanced and not overloaded. The fill or spray rinses can deflect off the load. The washer must be level. The front feet should be properly installed and the nuts tightened. Reset the rear leveling legs (if needed). See the Installation Instructions.
- **Check household plumbing for leaks.**

### Basket crooked

- **Was the washer basket pulled forward during loading?** Push the basket to the center before starting wash.
- **Is the load balanced and the washer level?** The wash load should be balanced and not overloaded. The washer must be level. The front feet should be properly installed and the nuts tightened. Reset the rear leveling legs (if needed). See the Installation Instructions.
- **The washer basket moves while washing.** This is normal.

### Agitator operation

- **The top of the agitator is loose, or moves in only one direction.** This is normal.

### Dispensers clogged or bleach leaking

- **Did you follow the manufacturer's directions when adding detergent and fabric softener to the dispensers (on some models)?** Measure detergent and fabric softener. Slowly pour into the dispensers. Wipe up all spills. Dilute fabric softener in the fabric softener dispenser.
- **Did you put powdered or color-safe bleach into the liquid chlorine bleach dispenser (on some models)?** Add powdered or liquid color-safe bleach directly to the basket. Do not use the chlorine bleach dispenser for color-safe bleach.

## Washer Operation

### Washer won't run, fill, rinse or agitate; washer stops

#### ⚠ WARNING



#### Electrical Shock Hazard

- Plug into a grounded 3 prong outlet.
- Do not remove ground prong.
- Do not use an adapter.
- Do not use an extension cord.
- Failure to follow these instructions can result in death, fire, or electrical shock.

- **Is the power cord plugged into a grounded 3 prong outlet?** Plug power cord into a grounded 3 prong outlet.
- **Are you using an extension cord?** Do not use an extension cord.
- **Is the indicator on the Timer knob properly lined up with a cycle?** Turn the Timer knob to the right slightly and pull to start.
- **Are the water inlet valve screens clogged?** Turn off the water and remove inlet hoses from the washer. Remove any accumulated film or particles. Reinstall hoses, turn on water and check for leaks.
- **Are both the hot and cold water faucets turned on?** Turn on the water.
- **Is the water inlet hose kinked?** Straighten the hoses.
- **Does the water level seem too low, or does the washer appear to not fill completely?** The top of the agitator is much higher than the highest water level. This is normal and necessary for clothes to move freely.
- **Has a household fuse blown, or has a circuit breaker tripped?** Replace the fuse or reset the circuit breaker. If the problem continues, call an electrician.
- **Is the washer in a normal pause in the cycle?** The washer pauses for about 2 minutes during certain cycles. Allow the cycle to continue. Some cycles feature periods of agitation and soak.
- **Is the washer overloaded?** Wash smaller loads.
- **Is the lid open?** The lid must be closed during operation. Washer will not agitate or spin with the lid open.

### Washer won't drain or spin

- **Is the drain hose clogged, or the end of the drain hose more than 96" (244 cm) above the floor?** See the Installation Instructions for proper installation of drain hose.

- **Is the lid open?** The lid must be closed during operation. Washer will not agitate or spin with the lid open.
- **Is there excessive sudsing?** Always measure detergent. Follow manufacturer's directions. If you have very soft water, you might need to use less detergent.

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### Washer continues to fill or drain; cycle seems stuck

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- **Is the top of drain hose lower than the water level in washer?** The top of the hose must be higher than the water level in the washer for proper operation. See the Installation Instructions.
- **Does the drain hose fit too tightly in the standpipe, or is it taped to the standpipe?** The drain hose should be loose yet fit securely. Do not seal the drain hose with tape. The hose needs an air gap. See the Installation Instructions.

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### Wash/Rinse temperature not what I selected

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- **Are the hot and cold water inlet hoses reversed?** See the Installation Instructions for more information. As your frequency of loads washed increases, the water temperature may decrease for hot and warm temperatures. This is normal.

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## Washer Results

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### Load too wet

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- **Did you use the right cycle for the load being washed?** Select a cycle with a higher spin speed (if available).
- **Did you use a cold rinse?** Cold rinses leave loads wetter than warm rinses. This is normal.

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### Residue or lint on load

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- **Did you sort properly?** Sort lint givers (towels, chenille) from lint takers (corduroy, synthetics). Also sort by color.
- **Did you overload the washer?** The wash load must be balanced and not overloaded. Clothes should move freely. Lint can be trapped in the load if overloaded. Wash smaller loads.
- **Did you select the correct water level?** The water level should be correct for the load size. Clothes should move freely in the water.
- **Did you use enough detergent?** Follow manufacturer's directions. Use enough detergent to hold the lint in the water.
- **Did you line dry your clothing?** If so, you can expect some lint on the clothing.
- **Check the following:**
  - Was paper or tissue left in the pockets?
  - Is your water colder than 60°F (15.6°C)? Wash water colder than 60°F (15.6°C) may not completely dissolve the detergent.
  - Did you use the proper cycle time for the load? Reducing wash time (duration) is another way to reduce lint.

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### Stains on load

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- **Did you follow the manufacturer's directions when adding detergent and fabric softener?** Measure detergent and fabric softener. Use enough detergent to remove soil and hold it in suspension. Dilute fabric softener and add to the rinse portion of a cycle only. Do not drip fabric softener on clothes.
- **Is there above average iron (rust) in water?** You may need to install an iron filter.

- **Did you properly sort the load?** Sort dark clothes from whites and lights.
- **Did you unload the washer promptly?** To avoid dye transfer, unload the washer as soon as it stops.

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### Load is wrinkled

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- **Did you unload the washer promptly?** Unload the washer as soon as it stops.
- **Did you use the right cycle for the load being washed?** Use the cycle for Casual or Permanent Press clothes or another cycle with low spin speeds (if available) to reduce wrinkling.
- **Did you overload the washer?** The wash load must be balanced and not overloaded. Loads should move freely during washing.

To reduce wrinkling of permanent press clothes and some synthetic knits, use a large load size to provide more space.

- **Are the hot and cold water hoses reversed?** Check that the hot and cold water hoses are connected to the right faucets. See the Installation Instructions.

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### Load is tangled or twisted

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- **Did you overload the washer?** The wash load must be balanced and not overloaded. Loads should move freely during washing.
- **Did you wrap items around the agitator?** Drop items loosely into the washer. Do not wrap items around the agitator.

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### Gray whites, dingy colors

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- **Did you properly sort the load?** Dye transfer can occur when mixing whites and colors in a load. Sort dark clothes from whites and lights.
- **Was the wash temperature too low?** Use hot or warm washes if safe for the load. Make sure your hot water system is adequate to provide a hot water wash.
- **Did you use enough detergent, or do you have hard water?** Use more detergent for washing heavy soils in cold or hard water.
- **Are the hot and cold water hoses reversed?** Check that the hot and cold water hoses are connected to the right faucets. See the Installation Instructions.

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### Garments damaged

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- **Check the following:**
  - Were sharp items removed from pockets before washing? Empty pockets, zip zippers, snap or hook fasteners before washing.
  - Were strings and sashes tied to avoid tangling?
  - Were items damaged before washing? Mend rips and broken threads in seams before washing.
- **Did you overload the washer?** The wash load must be balanced and not overloaded. Loads should move freely during washing.
- **Did you add chlorine bleach properly?** Do not pour chlorine bleach directly onto load. Wipe up bleach spills. Undiluted bleach will damage fabrics. Do not place load items on top of the bleach dispenser when loading and unloading the washer (on some models).
- **Did you follow the manufacturer's care label instructions?**

