

CONTROL PANEL AND FEATURES



Not all features and options are available on all models.
Appearance may vary.

1 WATER LEVEL

Select the setting most suitable for your load. Small will add a low amount of water for smaller loads and Super Plus will add the most amount of water for large or bulky loads. Items need to move freely. Tightly packing can lead to poor cleaning performance, and may increase wrinkling and tangling.

2 TEMPERATURE

Temperature senses and maintains uniform water temperatures by regulating incoming hot and cold water.

Select a wash temperature based on the type of fabric and soils being washed. For best results and following the garment label instructions, use the warmest wash water safe for your fabric.

- Warm and hot water will be cooler than what your previous washer provided.
- Even in a cold and cool water wash, some warm water may be added to the washer to maintain a minimum temperature.

3 WASH CYCLE KNOB

Use the Wash Cycle knob to select cycles on your washer. Knob does not advance during the progress of the cycle. See cycle status lights for each stage of the process. See "Cycle Guide" for detailed descriptions of cycles.

4 FABRIC SOFTENER

This option can be added to most cycles and must be set to "YES" if using fabric softener during a cycle. It ensures that fabric softener is added at the correct time in the rinse for even distribution.

5 START/PAUSE/UNLOCK BUTTON

Press to start the selected cycle; press again to pause the cycle and unlock the lid.

NOTE: If the washer is spinning, it may take several minutes to unlock the lid. Press and hold for 3 seconds to cancel a cycle.

6 CYCLE STATUS LIGHTS



The Cycle Status Lights show the progress of a cycle. At each stage of the process, you may notice sounds or pauses that are different from traditional washers.

SENSING

When the START/Pause/Unlock button is pressed, the washer will fill to the selected water level. If the lid is closed when the machine is done filling the lid will lock and the machine will begin operation.

If the lid is open when the water stops entering the machine, the cycle will not begin until the lid has been closed and the START/Pause/Unlock button is pressed. If the cycle has not been started within 10 minutes of the water filling the washer, the washer will pump out the water.

NOTE: Avoid opening lid during sensing phase. The sensing process will start over when the washer is restarted. The sensing light may also come on during the Soak and Wash portions of the cycle. This is normal. To restart the washer after the lid has been opened press start.

WASH

You will hear the agitator moving the load. The motor sounds may change at different stages in the cycle. The wash time is determined by the selected soil level.

RINSE

You will hear sounds similar to the wash cycle as the washer rinses and moves the load. You may hear the motor turning on briefly (short hum) to move the basket while filling. Fabric softener will be added if the Fabric Softener-Yes option was selected.

Some cycles use spray rinsing. After draining and spinning out wash water, the washer will continue to spin and spray in rinse water for the entire rinse time.

Maytag Admiral Washer Manual

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3 four quadrant operation of dc motor four quadrant operation or mode of any dc motor means that machine operate in four quadrants they are forward braking mode forward motoring mode reverse braking or stop mode and reverse motoring mode a motor operates in two modes motoring and braking a motor drive capable of

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aug 8 2020 1 answer sorted by 1 you can think of the first quadrant operation as being a buck converter down from the supply to the motor you can think of the second quadrant as being a boost converter from the motor s generated low voltage up to the supply voltage

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put simply the four quadrants that the controller can work in are 1 motor going clockwise controller applying clockwise drive 2 motor going anti clockwise controller applying anti clockwise drive 3 motor going clockwise controller applying anti clockwise drive 4 motor going anti clockwise controller applying clockwise drive

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1 to observe the four quadrant operation of a dc motor 2 to control a motor under torque control 3 to couple the speed control motor and torque controlled motor and observe the effect of a stepped torque 6 2 four quadrant operation of a dc motor the four quadrant operation is performed by giving an alternating reference speed command to

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aug 16 2021 the four quadrant operation of the motor can be described as follows quadrant i in the first quadrant the developed power by the motor is positive thus the motor operates in motoring mode and converts electrical energy into mechanical energy therefore the operation of the motor in first quadrant is called forward motoring quadrant ii

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the control of bldc motor in four quadrants is very crucial in this paper bldc motor is controlled in all the four quadrants without any wastage of power during regenerative braking period power generated is being stored in the chargeable battery

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