The dishwasher responds to user inputs only when its door is open. To select a new cycle or option: Press to select desired cycle and/or option (indicator lights will change). To delay start: Press DELAY START repeatedly until the desired delay time is displayed. For controls lock: Press and hold DELAY START for 3 seconds (its LED will illuminate when lock is set). To start: Press START/CANCEL and close the door.

### WATER/SERVICE TEST

<table>
<thead>
<tr>
<th>Description</th>
<th>Interval Duration (sec)</th>
<th>Monitor Device</th>
<th>Device monitored</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fill/Det. Dispenser</td>
<td>60</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>FB</td>
<td>27</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Wash/Heat/Det. Disp.</td>
<td>45</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Pause/Heat</td>
<td>0.4</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Wash/Heat</td>
<td>75</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Wash/Heat/Det. Disp.</td>
<td>60</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Dry</td>
<td>60</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>End State</td>
<td>60</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

Note: End State remains in effect until door is opened.

### CYCLE SELECTION OPTIONS

<table>
<thead>
<tr>
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<td>0</td>
<td>1</td>
</tr>
<tr>
<td>End State</td>
<td>60</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

**NOTE:**

1. In all cycles except Rinse Only and Quick Wash the main wash and final rinse may be lengthened when needed to reach optimal wash temperatures.

2. If Normal Wash is the first cycle run after applying power to the heavy soil response shown here will result. Thereafter, the sensor will be calibrated. Then, the cycle will automatically adjust to the amount of food soil by running only as many of the pre-washes or pre-rinse as appropriate. Normal Wash will run the extra-light soil response shown here when run empty or with dishware having extra-light soil or no soil are installed.

3. In the Quick Wash and Rinse Only cycles it is normal for the circulation pump to pulse during this...
**Standard Dry Air Flow**

The heating element at the bottom of the tub and the vent assembly in the top right rear of the tub are used to dry the dishes. During the "dry" portion of the cycle, the heater opens the vent's damper and the vent fan are energized. The vent fan draws in cooler, drier air from outside the tub and pushes it down into the tub. Hot moist air rises to escape through a condensing duct with an entrance at the top. Inside the of the duct inlet near the top of the door. At the duct exit near the bottom of the door, drier air escapes into the kitchen and the condensed water runs into the drain portion of the dishwasher. Energy from the heating element warms the incoming air and augments the energy stored in the dishwasher. Together their energy causes the water on the dishware to evaporate.

**Detergent and Rinse Aid Dispenser**

The detergent and rinse aid dispenser is a one piece component consisting of a molded detergent cup and a built-in rinse aid dispenser. The detergent cup has a spring loaded cover and the rinse aid dispenser has a removable cover. To re-fill, remove the cap and poor in detergent and rinse aid. They can be adjusted by turning the arrow indicator from one side to another, being the least amount, to four, being the greatest amount.

To replace dispenser:
- shut off electricity to dishwasher
- remove outer door panel assembly
- disconnect wiring to the actuator
- remove the six screws
- remove the dispenser
- replace and reinstall screws
- rewire actuator.

**Tub and Door Seal**

Line up the center mark on the back of the seal with the tub top center and press it into the channel. Move along the channel left and right periodically press the seal into place without bunching or stretching it until going around the corners at the top. Next, place the free ends into the channel at the bottom left and right by creating a short turn at the bottom of the tub channel and ensuring the seal extends to the locator ridge at the bottom of the tub (see enlarged portion of the image at left). Then, press the seal periodically into place. Finally slide your fingers over the seal to press it fully in place. When completed a simple face of the seal should be visible and flush with the edge of the channel.

**Product Specifications**

**Electrical**
- **Rating:** 120 Volts, 60Hz Separate Circuit, 26 amp min., 30 amp max.
- **Motor Power:** 1.5 HP (3450 RPM)
- **Heater Wattage:** 900 W
- **TempBoost:** 145°F (63°C) Heated Wash/Heated Rinse
- **Sanitize:** 150°F/59°F (66°C/3°C)
- **Hi-Limit Thermostat:** 200°F (93°C)

**Water Supply**
- **Suggested minimum incoming water pressure:** 20-120 PSI
- **Water valve flow rate:** (U.S. GPM)...
- **Water recirculation (U.S. GPM)...
- **Water fill time:**...

**Pump Assembly**

The pump assembly is driven by a synchronous motor. Rotation is in the counterclockwise direction at up to 3600 RPM. The motor drives a pump which supplies 100 percent filtered water at a rate of approximately 12 GPM to one spray arm at a time. The spray arm's operation is alternated by small "pauses" of the motor during the wash cycle. Draining is accomplished by using a small separate synchronous drain pump mounted to the side of the pump. The drain pump is located at the drain outlet end of the drain pump. The drain hose is attached by a worm gear clamp to the discharge end of the drain pump.

**Troubleshooting Tips**

Always disconnect the dishwasher from the electrical power source before adjusting or replacing components.

**Symptom**

**Check the Following**

1. **Detergent cover will not latch or open.**
   - Latch mechanism defective.
   - Electronic control board defective.
   - Wiring or terminal defective.
2. **Dishwasher water siphons out.**
   - Drain hose (high) loop too low.
   - Drain line connected to a floor drain not vented.
   - Float stuck in "UP" position.
3. **Dishwasher will not fill with water.**
   - Water supply turned off.
   - Defective water inlet fill valve.
   - Defective water valve screen for obstructions.
   - Defective electronic control board.
   - Wiring or terminal defective.
   - Float stuck in "UP" position.

**Remedy**

1. **Replace dispenser.**
2. **Replace control board.**
3. **Repair or replace.**
4. **Replace control board.**
5. **Repair or replace.**
6. **Check water supply line.**
7. **Replace water inlet fill valve.**
8. **Replace stainless steel floating ball.**
9. **Repair or replace.**
10. **Open cold water and re-check fill.**
11. **Check drain line.**
12. **Connect to a vented drain.**
13. **Replace pump assembly.**
14. **Repair or replace.**
15. **Repair or replace.**
16. **Repair or replace.**
17. **Replace water inlet fill valve.**
18. **Replace control board.**
19. **Repair or replace.**
20. **Check drain line.**
21. **Connect to a vented drain.**

**WARNING**

**Personal Injury Hazard**

Always disconnect the dishwasher from the electrical power source before adjusting or replacing components.