**SERVICE DATA SHEET**

This information is intended for use by persons having electrical and mechanical training and a level of knowledge of these subjects generally considered acceptable in the appliance repair trade. Electrolux Home Products North America cannot be responsible, nor assume any liability, for injury or damage of any kind arising from the use of this Service Data Sheet.

<table>
<thead>
<tr>
<th>BK</th>
<th>BU</th>
<th>PK</th>
<th>R</th>
<th>Viol</th>
<th>W</th>
<th>Y-BK</th>
<th>R-Y</th>
<th>BK-W</th>
<th>R-W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>Blue</td>
<td>Pink</td>
<td>Red</td>
<td>Violet</td>
<td>White</td>
<td>Yellow/BK</td>
<td>Red/Yellow</td>
<td>Black/White</td>
<td>Red/White</td>
</tr>
</tbody>
</table>

**COLOR CODE**

- BK............Black
- BU............Blue
- PK............Pink
- R..............Red
- Viol..........Violet
- W.............White
- Y-BK.........Yellow/BK
- R-Y............Red/Yellow
- BK-W........Black/White
- R-W...........Red/White

**WIRING DIAGRAM**

**WATER/SERVICE TEST**

To activate the Water/Service Test, cycle the circuit breaker to put the unit in Power Failure Mode. Simultaneously press “DRY” and START/CANCEL for 1 second. The dishwasher will then step through the test cycle per the chart. If START/CANCEL is pressed during the test the current step is terminated and the test advances to the next cycle step.

**CYCLE SELECTION OPTIONS**

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.

**OPERATION**

- Er Switch failure (shorted keypad)
- Th Open/shorted thermistor
- Tu Open/shorted turbidity sensor
- hS Pump rpm error
- Uo Vent stuck open
- uC Vent stuck closed
- uF Vent rpm too low or stopped

All LEDs illuminate during Power Failure

CLOSE DOOR will scroll indicating to close and latch the door

**DELAY**

Displayed down if a delay timer is running. When delay is complete, the indicator is turned off.

**CLEAN**

Displayed to indicate the cycle is complete.

**SANITIZE**

Displayed to indicate sanitization was achieved.

**TACTILE TOP SWITCH**

<table>
<thead>
<tr>
<th>Description</th>
<th>Interval Number</th>
<th>Fill Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interval Duration Sec.</td>
<td>Motor Speed (rpm)</td>
<td>Water Valve Circulation Motor Drain Motor Heater Dispenser Blower Washing LED Drying LED Sanitize LED Clean LED</td>
</tr>
<tr>
<td>60</td>
<td>3400</td>
<td>0</td>
</tr>
<tr>
<td>30</td>
<td>2800</td>
<td>0</td>
</tr>
<tr>
<td>30</td>
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<td>45</td>
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<td>0</td>
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<tr>
<td>45</td>
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</tr>
<tr>
<td>45</td>
<td>0</td>
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</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 obtain desired washing results. If normal wash is the first cycle run after applying power 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-rinses as appropriate. Normal wash will run for the amount of time as indicated above.

2. If Normal Wash is the first cycle run after applying power, 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-rinses as appropriate. Normal wash will run for the amount of time as indicated above.

3. All LEDs illuminate during Power Failure

4. If pre-rinse or pre-wash is selected, the timing of the pre-wash will be complete and the LED will illuminate when the pre-wash is finished.

5. If Quick Wash and Rinse Only cycles it is normal for the circulation pump to pulse during fills.

6. In all cycles except Rinse Only and Quick Wash the main wash and final rinse may be lengthened when needed to obtain desired washing results. If normal wash is the first cycle run after applying power 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-rinses as appropriate. Normal wash will run for the amount of time as indicated above.

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8. If pre-rinse or pre-wash is selected, the timing of the pre-wash will be complete and the LED will illuminate when the pre-wash is finished.

9. If Quick Wash and Rinse Only cycles it is normal for the circulation pump to pulse during fills.

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11. If Normal Wash is the first cycle run after applying power, 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-rinses as appropriate. Normal wash will run for the amount of time as indicated above.
**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 dishware. During the "dry" portion of the cycle the heater, the solenoid that 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 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 dishware. 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 dispensor.

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 rinse aid in until the level shows above the bottom of the cylindrical opening and the sight gauge changes appearance. If any is spilt wipe it up before starting the cycle. The amount of rinse aid released can be adjusted by turning the arrow indicator from one, 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 pressing 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 complete a single face of the seal should be visible and flush with the edge of the channel.

**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 sump. The drain check valve is located at the discharge end of the drain pump. The drain hose must have a loop at a minimum height of 32 inches in order to insure proper drainage.

To remove the main circulation (circ) pump do the following in sequence: Shut off electricity to the dishwasher. Disconnect the wiring harness connections located at the circ pump's motor. Remove the two screws that hold the motor bracket. Slide the motor bracket away from the sump. The motor and pump, now held only by friction against O-rings, can be pulled out of the sump.

**Product Specifications**

**Electrical**
- Rating: 120 Volts, 60Hz
- Separate Circuit: 15 amp min., 20 amp max.
- Motor (Amps): 1.8
- Heater Temperature: 140°F (60°C) (with outer door in place)
- Tempcontrol: 145°F (6°C-3°C) Heated Wash/Heated Rinse
- Sanitizer: 150°F (6°C-3°C)
- Hi-Limit Thermostat: 200°F (93°C)

**Water Supply**
- Suggested minimum incoming water pressure: 20-120 PSI
- Pressure (PSI) min./max.: 20/120
- Temperature: 140°F (60°C) or 40°F (4°C)
- Water valve flow rate (U.S.GPM): 83
- Water recirculation (U.S.GPM): approx. 12
- Water fill time: approx. 87 sec.

**Trouble Shooting Tips**

**WARNING**

Personal Injury Hazard

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

**Symptom**
- Dishes will not operate when turned on

**Check the Following**
- Fuse (blown or tripped)
- 120V ac supply wiring
- Electronic control board
- Motor (inoperative)
- Door Switch (open contacts)
- Electronic control board
- Touch pad circuit defective
- Electronic control board

**Remedy**
- Replace fuse or reset breaker
- Replace fuse or reset breaker
- Replace control board
- Replace control board
- Replace motor/improper alignment
- Replace motor/improper alignment
- Replace latch assembly
- Replace latch assembly
- Replace console assembly
- Replace console assembly

**Symptom**
- Motor hums but will not start or run

**Check the Following**
- Motor (bad bearings)
- Motor (bad bearings)

**Remedy**
- Replace motor assembly
- Replace motor assembly
- Rotate motor impeller
- Rotate motor impeller

**Symptom**
- Motor trips out on internal thermal overload protector

**Check the Following**
- Motor (bad bearings)
- Motor (bad bearings)

**Remedy**
- Replace motor assembly
- Replace motor assembly

**Symptom**
- Dishwasher will not pump out

**Check the Following**
- Drain restricted
- Drain restricted

**Remedy**
- Check for obstructions
- Check for obstructions

**Symptom**
- Dishwasher water siphons out

**Check the Following**
- Drain hose (high) loop too low
- Drain hose (high) loop too low

**Remedy**
- Straighten water inlet fill valve
- Straighten water inlet fill valve

**Symptom**
- Water supply turned off

**Check the Following**
- Defective inlet valve
- Defective inlet valve

**Remedy**
- Replace inlet valve
- Replace inlet valve

**Symptom**
- Dishwasher will not fill with water

**Check the Following**
- Float stuck in "UP" position
- Float stuck in "UP" position

**Remedy**
- Replace float
- Replace float

**Symptom**
- Improper incoming water temperature

**Check the Following**
- Defective float switch
- Defective float switch

**Remedy**
- Replace float switch
- Replace float switch

**Symptom**
- Detergent cover will not latch or open

**Check the Following**
- Latch mechanism defective
- Latch mechanism defective

**Remedy**
- Replace dispenser
- Replace dispenser

**Symptom**
- Dishwasher water siphons out

**Check the Following**
- Drain hose (high) loop too low
- Drain hose (high) loop too low

**Remedy**
- Replace motor assembly
- Replace motor assembly
- Rotate motor impeller
- Rotate motor impeller

**Symptom**
- Defective motor

**Check the Following**
- Defective motor

**Remedy**
- Replace motor assembly
- Replace motor assembly

**Symptom**
- Water recirculation (U.S.GPM)

**Check the Following**
- 83

**Remedy**
- Replace water recirculation
- Replace water recirculation

**Symptom**
- Water fill time

**Check the Following**
- approx. 12

**Remedy**
- Replace water fill time
- Replace water fill time

**Symptom**
- Water valve flow rate (U.S.GPM)

**Check the Following**
- 83

**Remedy**
- Replace water valve flow rate
- Replace water valve flow rate

**Symptom**
- Water recirculation (U.S.GPM)

**Check the Following**
- approx. 12

**Remedy**
- Replace water recirculation
- Replace water recirculation