Standard Dry Air Flow
When the control advances to the "dry" portion of the cycle, a linear actuator retracts a valve, which opens a vent path through the console into the kitchen. This venting method eliminates discharging heated moisture into the motor compartment. The heated, moist air leaving the dishwasher through the console vent causes drier air to be drawn into the unit by way of intake vents located at the bottom of the door. The water on the dishes is evaporated into drier air and the venting process continues. The heating element is turned ON and OFF during the entire drying cycle.

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. Liquid rinse aid is applied to the dispenser up to the fill line indicator. 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.

Tub and Door Seal
The door seal is pressed into the tub channel for an interference fit. Center the gasket (marked on back) at the tub top center and press in place without stretching or bunching. The gasket takes a short turn at the bottom of the tub channel before ending at the channel end wall.

Power Dry Air Flow
The Power Dry configuration is the same as the Standard except it has a cross flow blower located in the air discharge path. The blower assists the heating element in producing power to drive the moist air out of the dishwasher.

Trouble Shooting Tips
Personal Injury Hazard
Always disconnect the dishwasher from the electrical power source before adjusting or replacing components.

Symptom | Check the Following | Remedy
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Dishwasher will not operate when turned on. | 1. Fuse (blown or tripped). | 1. Replace fuse or reset breaker.  
2. 120 VAC supply wiring connection faulty. | 2. Replace or repair wire fasteners at dishwasher junction box.  
3. Electronic control board defective. | 3. Replace control board.  
4. No 12 VAC power to control. | 4. Replace control board.  
7. Door latch not making contact with door switch. | 7. Replace latch assembly.  
9. No indicator lamp illuminates when START or ON/TURBO are pressed. | 9. Replace control board.  
2. Electronic control board defective. | 2. Replace control board.  
3. Wiring or terminal defective. | 3. Repair or replace.  
Dishwasher will not fill with water. | 1. Drain restricted. | 1. Clear restrictions.  
2. Electronic control board defective. | 2. Replace control board.  
3. Defective drain pump. | 3. Replace pump.  
4. Air lock in drain hose. | 4. Make sure hose is attached in proper position on side of tub.  
5. Blocked impeller. | 5. Check for blockage, clear.  
6. Open windings. | 6. Replace pump assembly.  
7. Wiring or terminal defective. | 7. Repair or replace.  
Dishwasher will not pump out. | 1. Check water supply. | 1. Turn on water supply.  
2. Defective water inlet fill valve. | 2. Replace water fill valve.  
3. Check fill valve screen for obstructions. | 3. Disassemble and clean screen.  
4. Defective switch. | 4. Replace or replace.  
5. Electronic control board defective. | 5. Replace control board.  
6. Wiring or terminal defective. | 6. Repair or replace.  
7. Float stuck in "UP" position. | 7. Clean float.  
Dishwasher water overflows out. | 1. Drain hose (high) loop too low. | 1. Repeat to proper height.  
2. Drain line connected to a floor drain not vented. | 2. Install air gap at counter top.  
3. Drain hose not connected to side of tub. | 3. Reattach drain hose.  
Detergent left in dispenser. | 1. Detergent allowed to stand in long dispenser. | 1. Instruct customer/user.  
2. Dispenser wet when detergent was added. | 2. Instruct customer/user.  
3. Detergent cover held closed or blocked. | 3. Instruct customer/user on proper loading of dishes.  
4. Improper incoming water temperature to properly dissolve detergent. | 4. Improving incoming water temperature of 120°F is required to properly dissolve dishwashing detergents.  
5. See "Detergent cover will not open." | 5. See "Detergent cover will not open."

Product Specifications:
- Electrical:
  - Rating: 120 Volts, 60Hz
  - Separate Circuit, 15 amp min. - 20 amp max.
  - Motor (Amps): 1.1
  - Heater Wattage: 900
  - Total Amps (load rated): 10.0
  - Temperature: 140°F ±5°F (60°C ±3°C) [with outer door in place]
  - TempBoost: 145°F ±5°F (65°C ±3°C)
  - Heated Wash/Heated Rinse
  - Sanitize: 150°F ±5°F (66°C ±3°C)
  - Hi-Limit Thermostat: 200°F (93°C)

- Water Supply:
  - Suggested minimum incoming water temperature: 120°F (49°C)
  - Pressure (PSI): 10 - 120
  - Connection (NPT): 1/2" NPT
  - Consumption (Normal Cycle): 4.9 - 9.7 US gal. (18.5 - 36.7 liters)
  - Water valve flow rate (U.S. GPM): 83
  - Water recirculation rate (U.S. GPM): approx. 12
  - Water fill time: approx. 87 sec.

900 Watt Heater
Refer to the cycle chart on the reverse side to determine when the heater is on during the wash cycle. The heater cycles ON and OFF for brief periods during the drying cycle.

Pump Assembly:
The pump assembly is driven by a synchronous motor. Rotation is in the counterclockwise direction at 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 drain pump mounted to the side of the sump. The drain pump is connected to the main pump by a small hose. The drain check valve is located at the entrance to the drain pump. The drain hose is attached by a worm gear clamp to the discharge of the drain pump. The drain hose is routed to the side of the dishwasher and attached to the side of the tub. This drain loop insures that an air pocket cannot form near the drain pump and cause the pump to air lock. The drain loop on the side of the tub must be kept in place after servicing. The main pump can easily be removed by disconnecting the upper spray arm supply tube hose, the drain pump connector hose, the wiring harness connections made at the circulation motor, the water heater thermistor located on the bottom of the pump and rotating the four sump retainers toward the middle of the sump.

Trouble Shooting Tips Exploded View of Wash System

Motor Assembly:
- Water Supply:
  - Suggested minimum incoming water temperature: 120°F (49°C)
  - Pressure (PSI): 10 - 120
  - Connection (NPT): 1/2" NPT
  - Consumption (Normal Cycle): 4.9 - 9.7 US gal. (18.5 - 36.7 liters)
  - Water valve flow rate (U.S. GPM): 83
  - Water recirculation rate (U.S. GPM): approx. 12
  - Water fill time: approx. 87 sec.

900 Watt Heater
Refer to the cycle chart on the reverse side to determine when the heater is on during the wash cycle. The heater cycles ON and OFF for brief periods during the drying cycle.