Pump Assembly

The pump assembly is driven by a synchronous motor. The motor drives a pump which supplies 100 percent filtered water

Draining is accomplished by using a small separate synchronous drain pump mounted to the side of the sump. The drain pump is connected to the main pump by a small rubber hose. The drain check valve is located at the discharge end of the drain pump. The drain hose is attached by a clamp to 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.

Heater

Refer to the cycle chart on the reverse side to Voltage checks of the heater should be made in determine when the heater is on during the the dry portion of the service test mode. wash cycle. The heater cycles ON and OFF for brief periods during the drying cycle.

Standard Dry Air Flow

The heated, moist air leaving the dishwasher through the lower vent causes drier air to be drawn into the unit by way of intake vents located heating element is turned **ON** and **OFF** during the at the side of the tub.

The water on the dishes is evaporated into drier air and the venting process continues. The entire drying cycle.

shut off electricity to dishwasher,

remove the six screws,

 remove the dispenser, replace and reinstall screws,

· remove outer door panel assembly, · disconnect wiring to the actuator,

Detergent and Rinse Aid Dispenser

The detergent and rinse aid dispenser is a one
To replace dispenser: 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

Liquid rinse aid is added to the dispenser up to • rewire actuator. 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.

Product Specifications Electrical

Rating	120 Volts, 60Hz
Separate Circuit15 amp	min 20 amp max.
Motor (Amps)	1 amp
Heater Wattage	475 - 630W
Total Amps (load rated)	8.7
TempAssure	135°F ±5°F
	outer door in place]
TempBoost	
	Vash/Heated Rinse
Hi-Limit Thermostat	200°F (93°C)

Water Supply

Suggested minimum incoming water
temperature 120°F (49°C)
Pressure (PSI) min./max 20/120
Connection (NPT) ³ / ₈ "
Consumption (Normal Cycle)
5.8-6.0 U.S. gal
Water valve flow rate (U.S. GPM) 0.9
Water recirculation rate (U.S. GPM)
approx. 5.28
Water fill time43 sec.

Trouble Shooting Tips

AWARNING

Personal Injury Hazard

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

Symptom	Check the Following	Remedy					
Dishwasher will not operate when turned on.	Fuse (blown or tripped). 120 VAC supply wiring connection faulty. Electronic control board defective. No 12 VAC power to control. Motor (inoperative). Door switch (open contacts). Door latch not making contact with door switch. Touch pad circuit defective. No indicator lamps illuminate when START or OPTIONS are pressed.	1. Replace fuse or reset breaker. 2. Repair or replace wire fasteners a dishwasher junction box. 3. Replace control board. 4. Replace control board. 5. Replace motor/impeller assembly. 6. Replace latch assembly. 7. Replace latch assembly. 8. Replace console assembly. 9. Replace console assembly.					
Motor hums but will not start or run.	Motor (bad bearings). Motor stuck due to prolonged non-use.	Replace motor assembly. Rotate motor impeller.					
Motor trips out on internal thermal overload protector.	Improper voltage. Motor windings shorted. Glass or foreign items in pump.	Check voltage. Replace motor/impeller assembly. Clean and clear blockage.					
Dishwasher runs but will not heat.	Heater element (open). Electronic control board defective. Wiring or terminal defective. Hi-Limit thermostat defective.	Replace heater element. Replace control board. Repair or replace. Replace thermostat.					
Detergent cover will not latch or open.	Latch mechanism defective. Electronic control board defective. Wiring or terminal defective. Broken spring(s). Defective actuator.	 Replace dispenser. Replace control board. Repair or replace. Replace dispenser. Replace dispenser. 					
Dishwasher will not pump out.	Drain restricted. Electronic control board defective. Defective drain pump. Blocked impeller. Open windings. Wiring or terminal defective.	 Clear restrictions. Replace control board. Replace pump. Check for blockage, clear. Replace pump assembly. Repair or replace. 					
Dishwasher will not fill with water.	 Water supply turned off. Defective water inlet fill valve. Check fill valve screen for obstructions. Defective float switch. Electronic control board defective. Wiring or terminal defective. Pressure Switch Stuck. 	 Turn water supply on. Replace water inlet fill valve. Disassemble and clean screen. Repair or replace. Replace control board. Repair or replace. Repair or replace. 					
Dishwasher water siphons out.	Drain hose (high) loop too low. Drain line connected to a floor drain not vented.	1. Repair to proper <i>32-inch minimum height</i> . 2. Install air gap at counter top.					
Detergent left in dispenser.	Detergent allowed to stand too long in dispenser. Dispenser wet when detergent was added.	Instruct customer/user. Instruct customer/user.					

by large dishes.

4. Improper incoming water

temperature to properly dissolve

5. See "Detergent cover will not open."

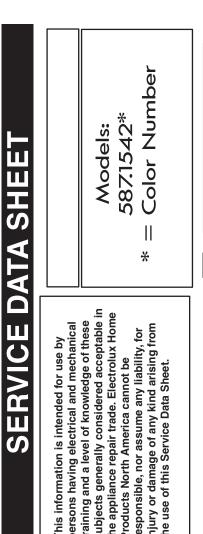
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3. Detergent cover held closed or blocked 3. Instruct customer/user on proper

loading of dishes.

4. Incoming water temperature of

120°F is required to properly dissolve dishwashing detergents



Color Code . Black BU.....Blue ..Pink ..Red WH/RD.White/Red RD/YERed/Yellow VT.....Violet ..OrangeGreen

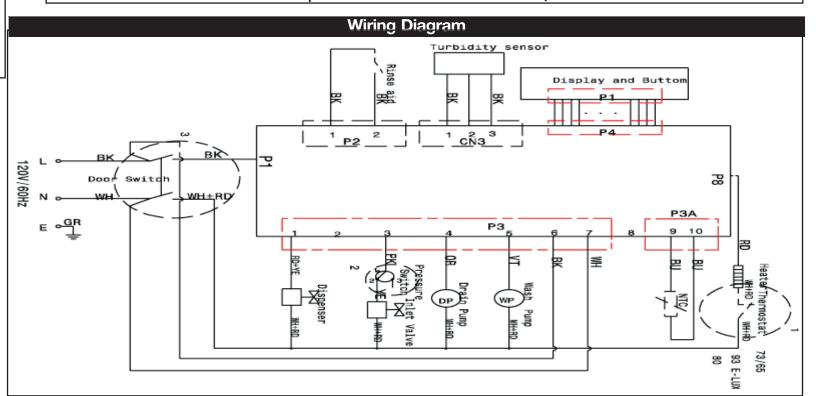
Operation To start...... Press START/CANCEL pad. Close and latch door. To delay start .. Press DELAY START pad to select desired delay time. Close and latch door. To select a new cycle or option Press desired cycle and/or option pad. The indicator lights will change. Press START/CANCEL within 15 seconds to begin cycle. To cancel cycle Press START/CANCEL. Dishwasher will drain for 60 seconds, then shut off. For controls Press and hold the AIR DRY pad for 3 seconds.

3 seconds.

To unlock, press and hold the AIR DRY pad for

Water/Service Test The water/service test is a **Special function initiated** from the power failure mode or idle mode. DESCRIPTION While in power failure TLL / DISPENSER or idle mode -DISPENSER WASH/HEAT simultaneously press the AIR DRY and START/CANCEL WASH/HEAT pads for 1 1/2 seconds. WASH/HEAT/DISP The dishwasher will then DRAIN 90 0 0 1 X 0 1 0 0 rinse aid rA step through the test TOTAL 430 1 1 cycle per the chart. X - denotes selectable option Pushing the START/CANCEL SANITIZE and CLEAN LED stay on for 30 seconds after door is opened or cycle started. pad will advance the dishwasher to the next step.

Display Codes (Readout) Display Codes (LED) CLEAN -Shows completion of cycle. Indicator light will go off 30 seconds after LO.....Low liquid in the rinse aid dispenser door is openedA power failure has occurred OPTION LED's Flashing -- HI-TEMP WASH and AIR DRY/ LED's flashing indicates power failure has occurred. Press START/CANCEL pad and reselect desired options Cd.....Close the door '01-24'....Hour(s) delay before start LOW RINSE The liquid rinse agent is low. Light will switch off after 5 complete (Some models) wash cycles or dispenser is filled. SANITIZE-The SANITIZED criteria has been met. Indicator light will go off 30 seconds after door is opened.



Cycle Selection Options

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