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 at the side of the tub.

The water on the dishes is evaporated into drier air and the venting process continues. The drawn into the unit by way of intake vents located 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
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.

- 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,

Product Specifications

Electrical

Rating	.120 Volts, 60Hz
Separate Circuit15 amp mi	n 20 amp max.
Motor (Amps)	1 amp
Heater Wattage	
Total Amps (load rated)	8.7
TempAssure	135°F ±5°F
(60°C±3°C) [with ou	
TempBoost	
	sh/Heated Rinse
Hi-Limit Thermostat	200°F (93°C)

Water Supply

r
(49°C)
20/120
3/8'
J.S. gal
0.9
x. 5.28

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.	Replace fuse or reset breaker. Repair or replace wire fasteners at dishwasher junction box.						
	3. Electronic control board defective.	Replace control board.						
	4. No 12 VAC power to control.	4. Replace control board.						
	5. Motor (inoperative).6. Door switch (open contacts).	 Replace motor/impeller assembly. Replace latch assembly. 						
	7. Door latch not making contact with	7. Replace latch assembly.						
	door switch.	,						
	Touch pad circuit defective.	Replace console assembly.						
	No indicator lamps illuminate when START or OPTIONS are pressed.	Replace console assembly.						
Motor hums but will not start or run.	Motor (bad bearings).	Replace motor assembly.						
	Motor stuck due to prolonged non-use.	2. Rotate motor impeller.						
Motor trips out on internal thermal	Improper voltage.	Check voltage.						
overload protector.	Motor windings shorted.	Replace motor/impeller assembly.						
	Glass or foreign items in pump.	Clean and clear blockage.						
Dishwasher runs but will not heat.	Heater element (open).	Replace heater element.						
	 Electronic control board defective. Wiring or terminal defective. 	 Replace control board. Repair or replace. 						
	4. Hi-Limit thermostat defective.	Replace thermostat.						
Detergent cover will not latch or	Latch mechanism defective.	Replace dispenser.						
open.	Electronic control board defective.	Replace control board.						
	Wiring or terminal defective.	 Repair or replace. Replace dispenser. 						
	4. Broken spring(s).5. Defective actuator.	5. Replace dispenser.						
Dishwasher will not pump out.	Drain restricted.	Clear restrictions.						
	2. Electronic control board defective.	Replace control board.						
	Defective drain pump.	3. Replace pump.						
	 Blocked impeller. Open windings. 	 Check for blockage, clear. Replace pump assembly. 						
	Wiring or terminal defective.	6. Repair or replace.						
Dishwasher will not fill with water.	Water supply turned off.	Turn water supply on.						
	Defective water inlet fill valve. Check fill valve screen for	Replace water inlet fill valve. Disassemble and clean screen.						
	obstructions.	o. Disassemble and clean screen.						
	4. Defective float switch.	Repair or replace.						
	5. Electronic control board defective.	5. Replace control board.						
	 6. Wiring or terminal defective. 7. Pressure Switch Stuck. 	6. Repair or replace.7. Repair or replace.						
Dishwasher water siphons out.	Drain hose (high) loop too low.	Repair to proper 32-inch minimum						
	O Drain line connected to a floor drain	height. 2. Install air gap at counter top.						
	Drain line connected to a floor drain not vented.	2. Ilistali ali gap at counter top.						
Data was at left in discussion	1. Determent ellewed to stand to a long in	1 Instruct austomau/usau						
Detergent left in dispenser.	 Detergent allowed to stand too long in dispenser. 	Instruct customer/user.						
	Dispenser wet when detergent was added.	2. Instruct customer/user.						
	3. Detergent cover held closed or blocked	3. Instruct customer/user on prope						
	by large dishes. 4. Improper incoming water	loading of dishes. 4. Incoming water temperature of						
	temperature to properly dissolve	120°F is required to properly						
	determent	dissolve dishwashing detergents						

5. See "Detergent cover will not open."

020905

Series P/N: FPHD2491 RIGIDA Electronic HS 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.

Color Code Black ..Blue PK. ..Pink RD.. ...Red WH/RD... ...White/Red RD-YE... ...Red/Yellow VT.... ..Violet OR... ...Orange GR... ..Green ..White

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.

Operation

To cancel cycle . . Press START/CANCEL. Dishwasher will drain for 60 seconds, then shut off.

Press and hold the AIR DRY pad for 3 seconds.

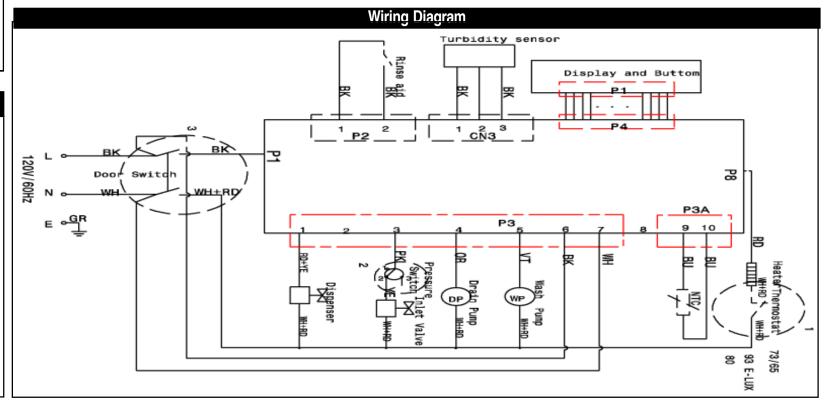
Water/Service Test

The water/service test is a **Special function initiated** from the power failure mode or idle mode.

While in power failure or idle mode simultaneously press the AIR DRY and START/CANCEL pads for 1 1/2 seconds. The dishwasher will then step through the test cycle per the chart. Pushing the START/CANCEL pad will advance the

dishwasher to the next step.

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



Cycle Selection Options

Minutes	<u>lmılmılmil</u>	uilmilm	<u>ı İlmilmilmilmilmilmil</u>	шЁш	<u> تسلت</u>	<u> </u>	نسات	لآساآ	<u>uüluüluüluülui</u>	ĭшï	بلتتبيل	<u>ىيلتنى</u>	<u>iilmiilmiil</u>	шї					Minute	es II	لتسلب	لتسائيين
Heavy Wash	Pre-Wash 1	Pre-Wash 2	Pre-Wash 3 Main W	Vash			Rinse 1	Rinse 2	Final Rinse			Dry							Quick R	tinse R	nse 1 F	Rinse 2
Water Valve		•	l l			•													Water V	alve		
Wash Motor																			Wash M	otor		
Drain Motor																			Drain M	otor		
Heater																			He	eater		
Dispenser																			Disper	nser		
Normal	Pre-Wash 1	Pre-Wash 2	Main Wash		Rinse 1	Rinse 2	Final R	inse	Dry				China Crystal	Pre	e-Wash 1	Main Wash	Final Rinse	Dry				
Water Valve		<u> </u>	P		•								Water Valve			p						
Wash Motor													Wash Motor									
Drain Motor									ı		•		Drain Motor					ı ı				
Heater										are and			Heater						and a second			
Dispenser													Dispenser									
Energy Saver	Pre-Wash 1	Pre-Wash 2	Main Wash	Rinse 1		Final Rinse			Dry		1		Light Wash	Pre-	-Wash 1	Main Wash	Rinse 1	Final Rinse		Dry		
Water Valve		.		•	•						-		Water Valve			•						
Wash Motor											1		Wash Motor									
Drain Motor				•							1		Drain Motor				• •	-				_ •
Heater											1		Heater								ere gerere	
Dispenser											1		Dispenser									
					<u> </u>]											
Minutes	5 10 15	20 25 1	30 35 40 45 50 55 60	65 7	75	80 8	5 90 1 1 1 1 1	95 	100 105 110 115 1:	20 125 I I I I I			Minutes	5	10 15	20 25 30 35 40	45 50 55 1 1 1 1 1 1 1 1 1 1	60 65 70 75 80	85 90	95 	100 105	110 115