COLOR CODE		OPERATION	
P/N: A21520601 Rev. A Artwork: A21520601 Rev. A Artwork: A21520601 Rev. A BRIGIDAIR N-N- N-N- N- N- N- N- N- N- N- N- N- N-	. Black . Blue . Pink . Red . Violet . White . Yellow/BK . Red/Yellow . Black/White . Red/White . R	 ser inputs only when its door is open. Press to select desired cycle and/or option (indicator lights will change). Press DELAY START repeatedly until the desired delay time is displayed. Press and hold CONTROL LOCK for 3 seconds (its LED will illuminate when lock is set) Press START/CANCEL and close the door. 	Clean Sanitize Washing
WATER	R/SERVICE TEST	WIR	ING DIAG
Construction Construction <th< td=""><td>initial initial <t< td=""><td>Pada Pada</td><td>W NEUT W 120 VAC 60Hz L1 BK BK BK BR BK BR BK BACK</td></t<></td></th<>	initial initial <t< td=""><td>Pada Pada</td><td>W NEUT W 120 VAC 60Hz L1 BK BK BK BR BK BR BK BACK</td></t<>	Pada Pada	W NEUT W 120 VAC 60Hz L1 BK BK BK BR BK BR BK BACK
		CYCLE SELECTION OPTIONS	
Minutes 5 10 15 20 25	30 35 40 45 50 55 60 1<	65 70 75 80 85 90 95 100 105 110 115 1	120
Normal (Heavy Soils) Pre-Wash 1 Pre-Wash 2 Pre-Wash 3 Water Valve Water Val	Main Wash	Rinse 1 Final Rinse Dry	
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Circulation Motor			
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DISPLAY CODES (LED)

Displayed to indicate the cycle is complete Displayed to indicate sanitiziation was achieved Displayed to indicate dishwasher is in the washing phase.

GRAM



ΓE:

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.

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

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

EXPLODED VIEW OF WASH SYSTEM



Standard Dry Air Flow

The heating element at the bottom of the tub, the vent fan assembly at the top right rear of the tub and the static vent on the left side of the tub are used to dry dishware. During the drying 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

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 rinse aid in until the level shows above the bottom of the cylindrical opening and the sight gauge changes appearance. If any is spilled wipe it up before starting the cycle. The amount of rinse aid released

Tub and Door Seal



Product Specifications

Electrical

Rating12	20 Volts, 60Hz
Separate Circuit	
	-20 amp max.
Motor (Amps)	1.8
Heater Wattage	900
Total Amps (load rated)	
TempAssure 140°F+5	°F (60°C+3°C)
	door in place]
TempBoost 145°F+5	°F (63°C+3°C)
Heated Wash	/Heated Rinse
Sanitize 150°F+5	°F (66°C+3°C)
Hi-Limit Thermostat	. 200°F(93°C)
	()

tub and pushes it down into the tub. Hot air escapes through the static vent into the kitchen while 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.

replacing components.

Symptom

Dishwasher will not operate when turned on.

Motor hums but will not start or run.

remover outer door panel assembly,

disconnect wiring to the actuator, •

can be adjusted by turning the arrow

shut off electricity to dishwasher,

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).

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.

Then, press the seal periodically into place.

indicator from one, being the least

amount, to four, being the greatest

- remove the six screws.
- remove the dispenser,

To replace dispenser:

amount.

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- replace and reinstall screws,
- rewire actuator.

Motor trips out on internal thermal overload protector.

Dishwasher runs but will not heat.

Detergent cover will not latch or open.

Dishwasher will not pump

Dishwasher will not fill with

Dishwasher water siphons out

Detergent left in dispenser.

Pump Assembly

The pump assembly is driven by an asynchronous motor. Rotation is in the counterclockwise direction at up to in order to insure proper drainage. 2900 RPM. The motor drives a pump which supplies 100 percent filtered water at a rate of approximately 8 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 is attached by a worm gear clamp to the discharge end of the drain pump.

The drain hose must have a loop at a minimum height of 32 inches 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.

ts, 60Hz amp min	Suggested minimum incoming water temperature 120°F (49°C)
	Pressure (PSI) min./max20/120
np max.	
1.8	Connection
900	3/4" Hose Thread Fitting
10.0	Consumption
)°C+3°C)	(Normal Cycle) 4.9 - 9.7 U.S. gal.,
n place]	18.5 - 36.7 liters
°C+3°C)	Water valve
	flow rate (U.S.GPM)83
ed Rinse	Water recirculation
5°C+3°C)	(U.S. GPM) approx. 12
F(93°C)	Water fill time

Water Supply

out.

TROUBLESHOOTING TIPS

Personal Injury Hazard

Always disconnect the dishwasher from the electrical power source before adjusting or

Che	Check the Following Remedy					
1. 2. 3.	Fuse (blown or tripped). 120 VAC supply wiring connection faulty. Electronic control board	1. 2.	Replace fuse or reset breaker. Repair or replace wire fasteners at dishwasher junction box. Peolace control board			
4. 5. 6. 7.	defective. No 12 VAC power to control. Motor (inoperative). Door Switch (open contacts). Door latch not making contact with doar cwitch	3. 4. 5.	Replace control board. Replace control board. Replace motor/impeller assembly.			
	Door latch not making contact with door switch Touch pad circuit defective.	6. 7.	assembly. Replace latch assembly. Replace latch assembly.			
8. 9.	No indicator lamps illuminate when START or OPTIONS are pressed.	8. 9.	Replace console assembly. Replace console assembly.			
1. 2.	Motor (bad bearings). Motor stuck due to prolonged non-use.	1. 2.	Replace motor assembly. Rotate motor impeller.			
1. 2. 3.	Improper voltage. Motor windings shorted. Glass or foreign items in pump.	1. 2. 3.	Check voltage. Replace motor/impeller assembly. Clean and clear blockage.			
1. 2.	Heater element (open). Electronic control board	1. 2. 3. 4.	Replace heater element. Replace control board.			
3. 4. 5.	defective. Wiring or terminal defective. Hi-Limit thermostate defective. Thermistor failure.	3. 4. 5.	Repair or replace. Replace thermostat. Replace turbidity sensor.			
1. 2.	Latch mechanism defective. Electronic control board	1. 2. 3.	Replace dispenser. Replace control board.			
3. 4. 5.	defective. Wiring or terminal defective. Broken spring (s). Defective actuator.	3. 4. 5.	Repair or replace. Replace dispenser. Replace dispenser.			
1. 2.	Drain restricted. Electronic control board defective	1. 2.	Clear restrictions. Replace control board. Replace nump			
3. 4. 5. 6.	defective. Defective drain pump. Blocked impeller.	1. 2. 3. 4. 5.	Replace pump. Check for blockage, clear. Replace pump assembly. Repair or replace.			
6.	Open windings. Wiring or terminal defective.	0.				
1. 2. 3.	Water supply turned off. Defective water inlet fill valve. Check fill valve screen for obstructions.	1. 2. 3.	Turn water supply on. Replace water inlet fill valve. Disassemble and clean screen.			
4. 5.	Defective float switch. Electronic control board defective.	4. 5. 6. 7.	Repair or replace. Replace control board.			
6. 7.	Wiring or terminal defective. Float stuck in "UP" position.	0. 7.	Repair or replace. Clean float.			
1.	Drain hose (high) loop too low.	1.	Repair to proper 32-inch minimum height.			
2.	Drain line connected to a floor drain not vented.	2.	Connect to a vented drain.			
1.	Detergent allowed to stand too long in dispenser.	1.	Instruct customer/user			
2.	Dispenser wet when detergent was added.	2.	Instruct customer/user			
3.	Detergent cover held closed or blocked by large dishes.	3.	Instruct customer/user on proper loading of dishes.			
4. 5.	Improper incoming water temperature to properly dissolve detergent. See "Detergent cover will not	4.	proper loading of 'dishes. Incoming water temperature of 120 [°] F is required to properly dissolve dishwashing detergents.			
	open".					