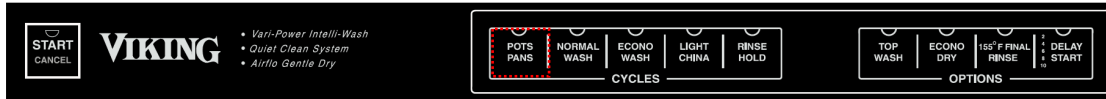


450 Series



To enter the Diagnostic mode on model **450**, Press the left most program button 5 times (Pots Pans) and then immediately press the start button.

The test cycle will run approximately 6.5 minutes and will run each component individually. Be sure to close the soap dispenser cup as this function will also be energized opening up the cup.

- 1) Drains any water in the sump (*Pressure sensor controlled*)
- 2) Fills until pressure sensor is satisfied (about 1 minute)
- 3) Soap Dispenser activates
- 4) Wash arm diverter sets to **Upper** wash arm
- 5) Motor circulates at 2500 RPM's (upper wash arm) with water heater for **10** Seconds.
- 6) Wash arm diverter sets to **Lower** wash arm
- 7) Motor circulates at 3100 RPM's (lower wash arm) with water Heater for **10** Seconds
- 8) Water drains below primary filter level (*Pressure sensor controlled*)
- 9) Wash arm diverter sets to **Filter Clean**. Circulate (Filter Clean) for **10** Seconds
- 10) Drains all water in the sump (*Pressure sensor controlled*) until empty.
- 11) **10** second pause
- 12) Dryer blower motor and heater will activate for **10** seconds to check amps
When cycle is complete, you will hear 2 long Beeps. This is the indication that the test cycle has finished.

Note: During this test cycle, if the Control board senses a failure that it is programmed to monitor, it will display an error code.

1	1		Moisture sensor disconnect
1	2		Motor Control Status Error
1	3		Motor Control Comms Error
1	4		Diverter Timeout
1	5		Drain Error (pressure sensor models)
2	1		Pressure Sensor Disconnect Error
2	2		Fill Error (pressure sensor models)
2	3		Low Level Error
2	4		High Level Error
2	5		Level Sensor Error
3	1		User Interface - Main Control Communication Error
3	2	YES	Pump Flow Error
3	3		Drain Pump Error
3	4		Motor Status Error
3	5		Motor Undervoltage Error
4	1		Temperature Sensor Error
4	2	YES	Wash Heater Error
4	3	YES	Dispenser Error
4	4	YES	Inlet Valve Error
4	5		
5	1	YES	Vent Error
5	2	YES	Blower Error
5	3	YES	Dry Heater Error
5	4	YES	Current Sense Error
5	5		Internal Error
Flash both LED1 and LED2			Moisture Sensor - water detection
Flash all LEDs but start and run continuously			AC Power Loss