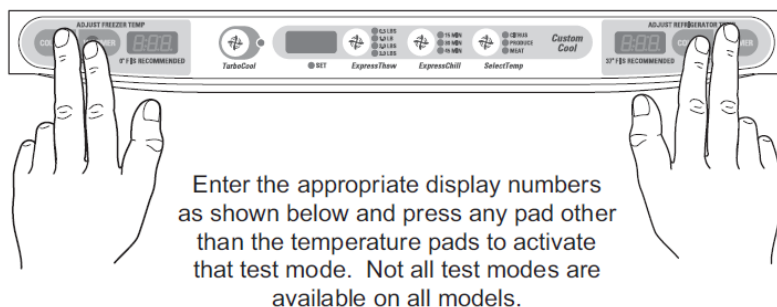


## Control Diagnostics

Enter the diagnostic mode by pressing both the freezer temperature (COLDER and WARMER) pads and the refrigerator temperature (COLDER and WARMER) pads simultaneously. All four pads must be held for approximately 3 seconds. Blinking "0"s in both displays indicate the refrigerator has entered the test mode.



Freezer Display	Fresh Food Display	Diagnostics	Results	Comments
0	2	Communication check between Temperature Control and Main Control	"P" on freezer display if OK. "F" if problem is found.	
0	4	Communication check between Dispenser Control and Main Control	"P" on freezer display if OK. "F" if problem is found.	
0	6	Temperature Control LED Test	All LEDs light. Pressing the corresponding pad turns off the LED.	See Note 3.
0	7	Control and Sensor System Test	Checks each thermistor and displays "P" for pass and "0" for fail.	See Note 1.
0	8	Duct Door Test	Opens the dispenser duct door for 10 seconds, then closes.	Test can be performed with door open.

Freezer Display	Fresh Food Display	Diagnostics	Results	Comments
1	0	Dampers Test	Double damper will open, close after 10 seconds, pause briefly, then single damper will open for 10 seconds.	Test will not start for 20 seconds after pad is depressed.
1	1	Fan Test	Cycles through each fan for 5 seconds.	
1	2	100% Run Time	Sealed system on 100% of the time. Times out after 1 hour.	
1	3	Prechill Test	Starts Prechill mode. Unit returns to normal on its own.	
1	4	Defrost Test	Toggles on the defrost cycle. <b>See Note 2.</b>	Must press again to turn heaters off. <b>See Note 2.</b>
1	5	Main Control Reset	Causes a system reset.	
1	6	Exit Diagnostics Mode	Causes a temperature control board reset.	

**Note 1:** Display order is #1 = Fresh Food Evaporator Thermistor, #2 = Fresh Food Thermistor, #3 = Custom Cool Thermistor, #4 = Freezer Evaporator Thermistor, #5 = Freezer Thermistor.

Thermistor test results are: P = Pass, 0 = Fail, S = Short to 5 VDC, B = Bad amplifier (replace main control).

**Note 2:** You **must** enter the defrost test again to toggle the defrost heater off at the end of the test. The heater will not come on if the evaporator thermistor is above 70°F.

**Note 3:** To exit the Temperature Control LED Test, press both refrigerator temperature pads (COLDER and WARMER) simultaneously for 3 seconds.