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Product Updates

Refrigeration

In Door Ice Revised Diagnostics

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HOME APPLIANCES

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PRODUCT UPDATES

REFRIGERATION

Whirlpool In-Door Ice Refrigerator Revised Diagnostics

IMPORTANT NOTE: For no ice, or low ice production, always confirm that the freezer temperatures are normal before starting the diagnostic tests.

Always perform the “Optics Diagnostics Mode” test first.

OPTICS DIAGNOSTICS MODE

1. Make sure that the ice maker is in the “parked” mode, and not the “harvest” mode.
2. Set the ice maker control to the “On” position.
3. If not already done, install the ice bin on the door.
4. Make sure that the ice level in the bin is below the notched openings.

IMPORTANT NOTE: When you are instructed to activate the door switch, shown in step 2 of the following chart, press and hold in on the switch for 1 second, then release the switch for 1 second, and repeat the procedure two more times, for a total of three times.

TEST PROCEDURE	DIAGNOSTICS LED INDICATION		
	2 Pulses	Steady Light	No Light
1. Open the freezer door.	repeated once	for 5 seconds	Unplug the
2. Activate the door switch 3 times.	indicates that one	indicates the	refrigerator for
3. Close the freezer door for a minimum of 5 seconds to a maximum of 50 seconds.	or both of the	optics are okay.	5 seconds, and
4. Open the freezer door and view the diagnostics LED.	optics boards are defective. Replace both boards.	Continue to the “Component Diagnostics Mode.”	repeat the test.

COMPONENT DIAGNOSTICS MODE

IMPORTANT NOTE: Be sure to run the “Optics Diagnostics Mode” test before you perform the component diagnostics test.

1. Make sure that the ice maker is in “mid harvest” immediately after the water fill.
2. Perform steps 1 through 8 in the following chart to set the ice maker for the test.
3. Set the ice maker control to the “On” position.
4. If not already done, install the ice bin on the door.
5. Make sure that the ice level in the bin is below the notched openings.

IMPORTANT NOTE: If the ice maker will not run with the jumper properly in place, (see step 3 in the chart), stop the test, and check the ice maker. The bail arm switch must be in the down position for the ice maker to operate. Use a screwdriver and turn it counterclockwise to activate the switch. A bail arm is not used on in-door ice systems.

TEST PROCEDURE	DIAGNOSTICS LED INDICATION				
	4 Pulses	3 Pulses	2 Pulses	Steady Light	No Light
1. Disconnect the power supply plug.	repeated once	repeated once	repeated once	for 5 seconds	Unplug the
2. Slide the ice maker out and remove the cover.	indicates that the	indicates that	indicates the	indicates the	refrigerator for
3. Jumper holes “T” to “H” to bypass the bimetal and start a harvest.	relay is defective. Replace the	there is a problem with the I/M circuit. Check all of the I/M connections and components.	optics are defective. Replace both optics boards.	optics are okay, and the receiver senses the I/M in the circuit.	5 seconds, and repeat the test.
4. Reconnect the power supply plug.					
5. Close the freezer door to align the optics and a harvest cycle will begin in 5 seconds.					
6. Open the freezer door and observe the ice maker. A harvest should be in progress. NOTE: If the ice maker will not operate, refer to the “Important Note” above the chart.					
7. Remove the jumper before the fingers reach the 10 o'clock position. Reinstall the ice maker, or be prepared to catch the water that will occur in the next step.					
8. Listen for the water fill and disconnect the power immediately after the fill.					
9. Close the freezer door and reconnect the power supply.					
10. Wait 5 seconds to a maximum of 50 seconds, open the freezer door, and watch the LED.					