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# LG 78099 Owner's Manual

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\* The color vary in each model

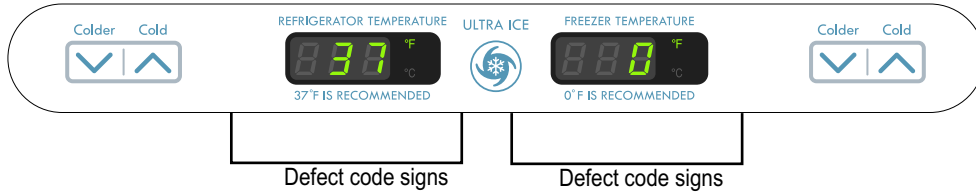
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----- Manual continues below -----

## FAILURE DIAGNOSIS TABLE

### Defect Diagnosis Function

1. Automatic diagnosis makes servicing the refrigerator easy.
2. When a defect occurs, the buttons will not operate; but the tones, such as ding, will sound.
3. When the defect CODE removes the sign, it returns to normal operation (RESET).
4. The defect CODE shows on the Refrigerator and Freezer Display.



### ERROR CODE on display panel

NO	ITEM	ERROR CODE		CONTENTS	REMARKS
		①	②		
1	Failure of freezer sensor	Er	FS	Cut or short circuit wire	Inspect Connecting wires on each sensor
2	Failure of refrigerator sensor	Er	rS	Cut or short circuit wire	
3	Failure of defrost sensor	Er	dS	Cut or short circuit wire	
4	Failure of defrost mode	Er	dH	When defrost sensor does not reach 8°C within 1 hour after starting defrost.	Snapping of defrost heater or temperature fuse, pull out of connector (indicated minimum 2 hours after failure occurs)
5	Failure of BLDC fan motor at freezing compartment.	Er	FF	If there is no fan motor signal for more than 115sec in operation fan motor	Poor motor, hooking to wires of fan, contact of structures to fan, snapping or short circuit of Lead wires.

\*LED check function: If simultaneously pressing the Cold key of refrigerator Temp and the Cold key of freezer temperature for a second, all display LED graphics on. If releasing the button, the LED graphics displays the previous status.

## PCB TEST BUTT

### TEST Mode

1. The Test mode allows checking the PCB, finding out the defective part in case of a defect.
2. The test mode is operated by pressing the TEST button.
3. While in the test mode, the function code recognition tone (beep~) sounds.
4. After exiting the test mode, be sure to turn the appliance on.
5. If an error, such as a sensor failure, is detected, the error code is displayed and the error is cleared.
6. While an error code is displayed, the appliance will not operate.

MODE	OPERATION	REMARKS
TEST1	Push ULTRA ICE & COLDER (F) KEYS for 3sec. Or Push TEST switch (on the main Board) once.	1. Continuous beep sound 2. Continuous display of error code 3. STEP 1 4. Defrost mode 5. Every 30 seconds
TEST2	Push ULTRA ICE & COLDER (F) KEY for 3sec. In TEST MODE or Push TEST switch once in TEST MODE 1 <Forced desfrosting MODE>	1. Continuous beep sound 2. Freezer fan speed check 3. STEP 1 4. Defrost mode 5. Display of error code
Return to Normal	On TEST 2 press ULTRA ICE & COLDER (F) KEY for 3 sec.	Return to normal operation

\* Freezer Fan RPM Variable Check:  
If the freezer fan is in operation when the COLDER (F) and ULTRA ICE keys are pressed for more than one second at the same time, the fan speed, to normal speed or if normal speed, to high speed. After 30 seconds, it turns to its original RPM.

\* Demonstration (Display) MODE:  
1. To enter this mode, raise either the Refrigerator or Freezer temperature and press the Cold key and hold for about 5 seconds.  
2. The LED panels will display OFF, to indicate that the appliance is not operating.  
3. The Open Door Alarm and the Lamp Auto-Off feature will be disabled.  
4. To reset to normal operation, press and hold either the COLDER (F) or ULTRA ICE key for 3 seconds.

TEST SELECTOR SWITCH

### 1. ICEMAKER

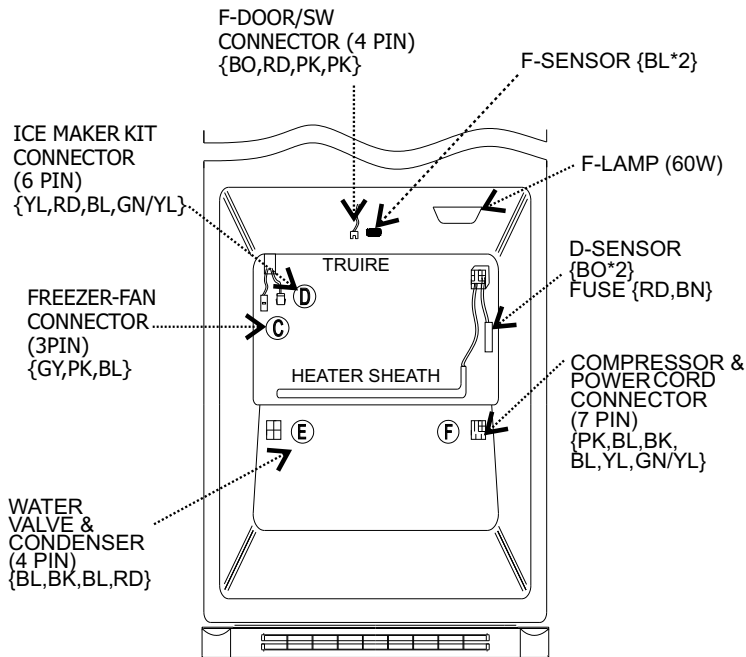
Test Control

- ➡ • Press and hold the Test button 3 seconds.
- ➡ • It operates in the following steps:

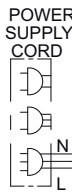
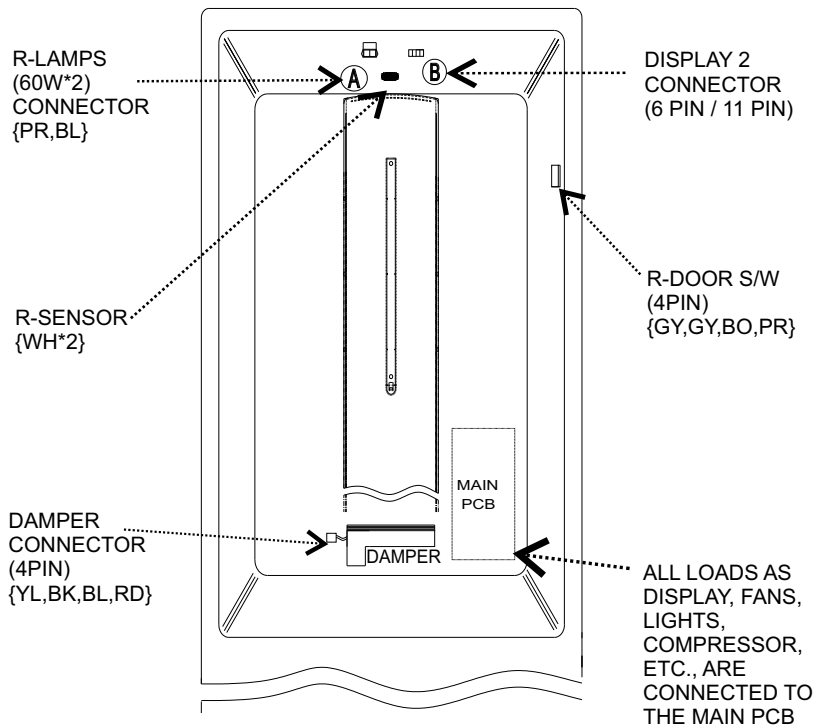
# IMPORTANT DO NOT DESTROY

**WIRING DIAGRAMS, SERVICE AND PARTS INFORMATION INCLUDED  
REPOSITION TO ORIGINAL LOCATION**

## FREEZER COMPARTMENT



## REFRIGERATOR COMPARTMENT



\*PLU  
P.T.  
DO  
CO  
TO

\*O

BK: BK  
YL: YL