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# LG 75312 Owner's Manual

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\* The color vary in each model

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

## FAILURE DIAGNOSIS TABLE

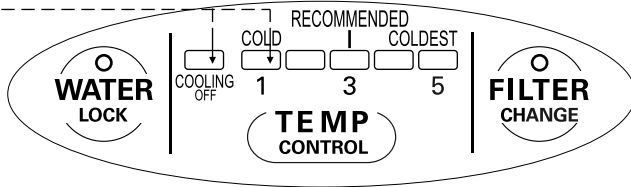
### Error Code Diagnosis

1) If any error is detected, LED number 1 and LED "OFF" will not be ON and the buttons TEMP CONTROL, WATER LOCK and FILTER EXCHANGE will be disable.

2) Remove power to unit to end test mode.

#### (1) FAILURE DIAGNOSIS FUNCTION

In error code, the R1 LED and LED "OFF" will remain turned OFF.



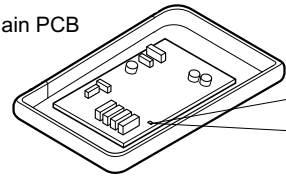
#### ERROR CODES displayed on Frz. Temp. indicator lights.

□ : ON    ■ : OFF

ITEM	ERROR CODE	POSSIBLES CAUSES	PRODUCT OPERATION STATUS IN FAILURE		
			COMPRESSOR	FREEZING BLDC MOTOR	DEFROST HEATER
Failure of Refrigerator Sensor	■ ■ ■ □ ■ ■ ■	Cut or short circuit wire.	15 min ON/ 15 min OFF	15 min ON/ 15 min OFF	Normal
Failure of Defrost Sensor	■ ■ ■ ■ ■ □ ■ ■ ■	Cut or short circuit wire.	Normal	Normal	No defrost
Failure of Room Temperature Sensor	■ ■ ■ ■ ■ ■ ■ □	Cut or short circuit wire.	Normal	Normal	Normal
Failure of Defrost Mode	■ ■ ■ □ □ □ □ □	When defrost sensor does not reach 50°F within 1 hour after starting defrost.	Normal	Normal	Normal
Failure of BLDC Fan Motor at freezer compartment.	■ ■ ■ □ □ □ □ □	If there is no fan motor signal for more than 115 seconds in operation fan motor.	Normal	OFF	Normal

## PCB TEST BUTT

Main PCB



NOTE: Test mode will not begin if an error code is

NOTE: During the Test mode, display board button

• After finishing the Test mode, always unplug and

Mode	Operation	
Test 1	Press test button once	1) COMP, FF 2) DEFROST 3) ALL DISP 4) LAMP RE DOOR SV
Test 2	Push the test button once while in TEST MODE 1.  NOTE: To enter this mode, Freezer Compartment must be under 50°F (10°C).	1) COMP, FF 2) DEFROST 3) DISPLAY figure)
Normal Status	Push the test button once while in TEST MODE 2.	Return to nor 7 minutes for

#### \* Demonstration MODE:

<p>COOLING OFF light is ON</p>	<p>Press the TEMP selecting the De In this Status, display work no be demonstrate To exit of the temperature lev</p>
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TEST SELECTOR SWITCH

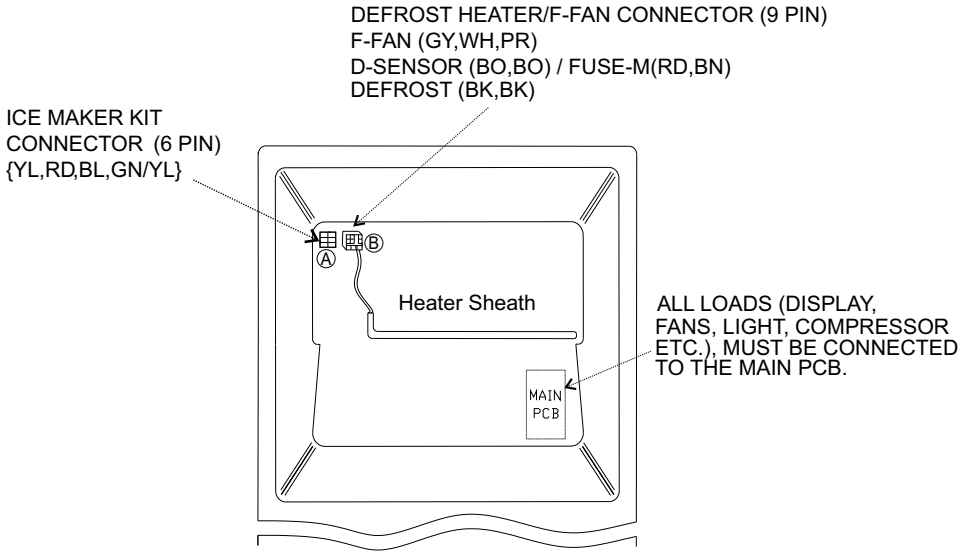
#### 1. ICEMAKER

**Test Control** → • Press and hold the Test  
• It operates in the followi

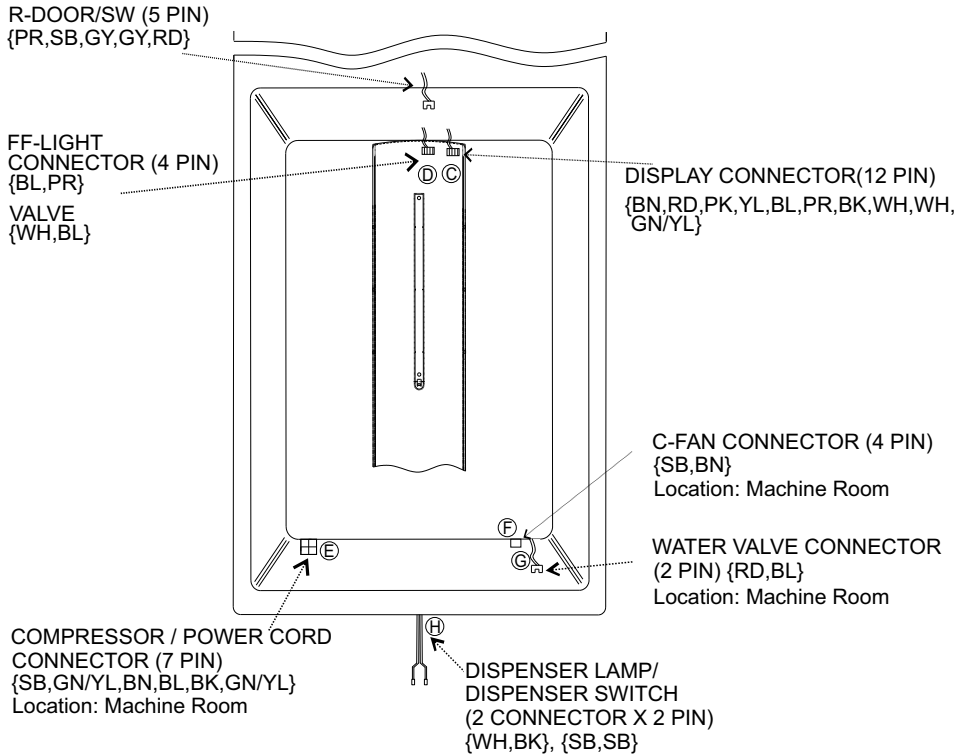
# IMPORTANT DO NOT DESTROY

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

## FREEZER COMPARTMENT



## REFRIGERATOR COMPARTMENT



- H:BA  
- Q:PT  
- A:CO  
- N:NE