

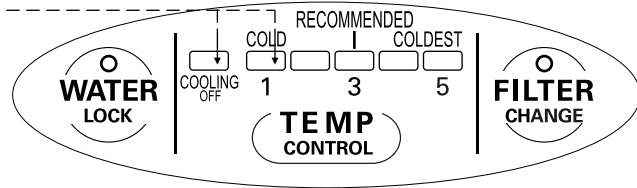
## FAILURE DIAGNOSIS TABLE

### 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.

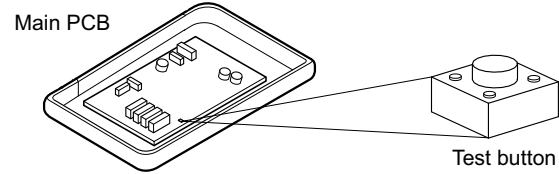


### ERROR CODES displayed on Frz. Temp. indicator lights.

□ : 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 BUTTON FUNCTION



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

NOTE: During the Test mode, display board buttons will not operate.

- After finishing the Test mode, always unplug and replug in the refrigerator to reset to normal operation.

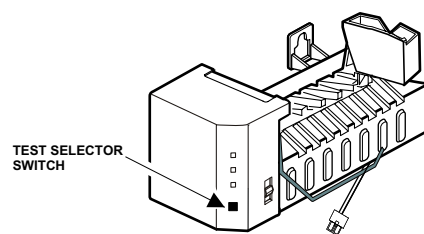
Mode	Operation	Function	Remarks
Test 1	Press test button once	1) COMP, FFAN and CFAN ON. 2) DEFROSTING HEATER OFF 3) ALL DISPLAY ON 4) LAMP RELAY ON/OFF OPERATED BY DOOR SWITCH.	The maximum time for TEST1 is 5 min.
Test 2	Push the test button once while in TEST MODE 1.	1) COMP, FFAN and CFAN OFF. 2) DEFROSTING HEATER ON 3) DISPLAY LED (Please refer to the next figure)	 □ : ON ■ : OFF Operate max 1 Hr
Normal Status	Push the test button once while in TEST MODE 2.	Return to normal state (compressor will delay 7 minutes for power ON)	Compressor will operate

### \* Demonstration MODE:

COOLING OFF light is ON

Press the TEMP CONTROL button until the OFF LED turns ON to activate this mode (After selecting the Demonstration Mode it takes 10 seconds to be enable).  
In this Status, all loads are OFF ( compressor, fans, heaters) only the lamps and the display work normally. The refrigerator lamp automatic off function works normally and can be demonstrated.  
To exit of the Demonstration Mode press the TEMP CONTROL button and set the desired temperature level. The device will reset after 10 seconds and the display will blink one time.

## ICEMAKER



### 1. ICEMAKER

#### Test Control

- Press and hold the Test button 3 seconds to activate.
- It operates in the following steps: Initial → Ice ejection → Water supply control steps

# TECHNICAL DATA

Part No. MBM61864305

### DISCONNECT POWER CORD BEFORE SERVICING IMPORTANT - RECONNECT ALL GROUNDING DEVICES

All parts of this appliance capable of conducting electrical current are grounded. If grounding wires, screws, straps, clips, nuts or washers used to complete a path to ground are removed for service, they must be returned to their original position and properly fastened.

### IMPORTANT NOTICE

This information is intended for use by individuals possessing adequate backgrounds of electrical, electronic and mechanical experience. Any attempt to repair a major appliance may result in personal injury and property damage. The manufacturer or seller cannot be responsible for the interpretation of this information, not can it assume any liability in connection with its use.

### ELECTRICAL SPECIFICATIONS

Temperature Control (Position: MID)	-6°F to +8°F
Defrost Control	Automatic
Defrost Thermostat	50°F
Electrical Rating: 115VAC, 60Hz	1-5.2A
Maximum Current Leakage	0.5mA
Maximum Ground Path Resistance	0.14 Ohms
Energy Consumption	22 cu.ft. 422kWh/yr (Energy Star)

For models: 795.75312.900, 795.75313.900, 795.75319.900

### NO LOAD PERFORMANCE Control Position: MID/MID

And ambient of: 70°F 90°F

Fresh Food, °F	33°F to 41°F	33°F to 41°F
Frozen Food, °F	-4°F to +4°F	-4°F to +4°F
Percent Running Time	25%-35%	45%-60%

### REFRIGERATION SYSTEM

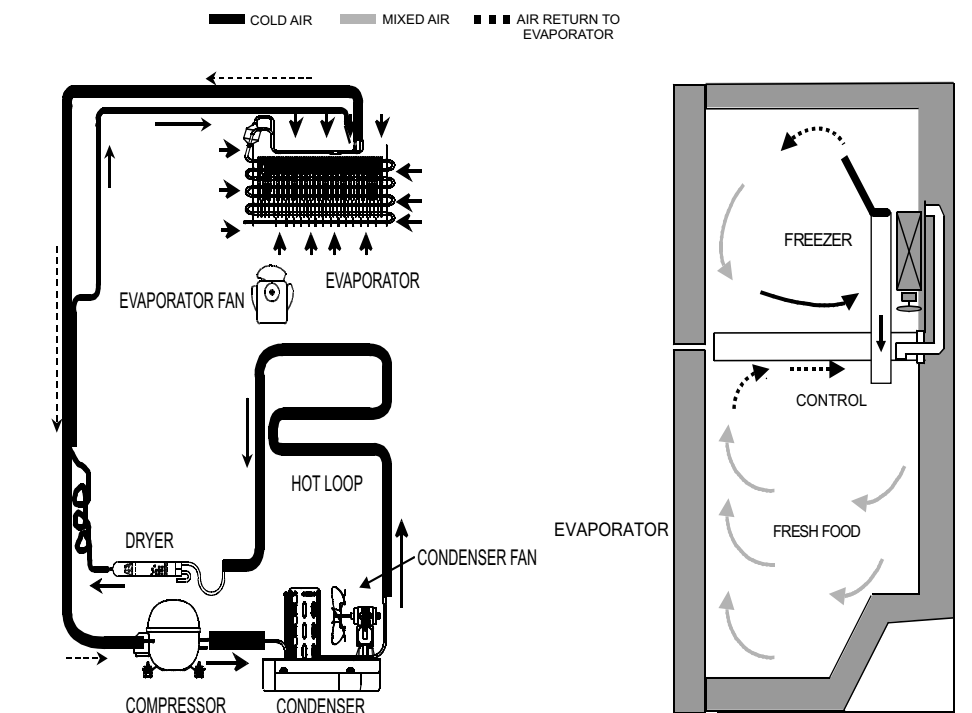
Minimum Compressor Capacity Vacuum	21 in
Minimum Equalized Pressure	
@ 70°F	49PSIG
@ 90°F	56PSIG
Refrigerant R134a	5.47 oz
Compressor	700BTU/hr

### INSTALLATION

For proper air circulation, best cooling and energy consumption results, maintain a minimum distance of 2 inches (5.08cm) from adjacent items and surfaces.

CLEARANCE	
AT TOP	2 in
AT SIDES	2 in
AT REAR	2 in

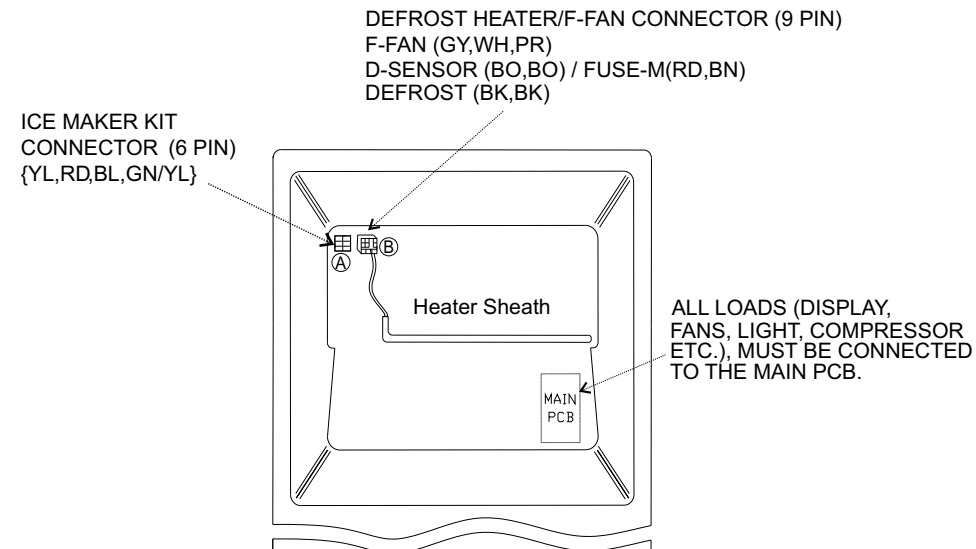
### AIR FLOW



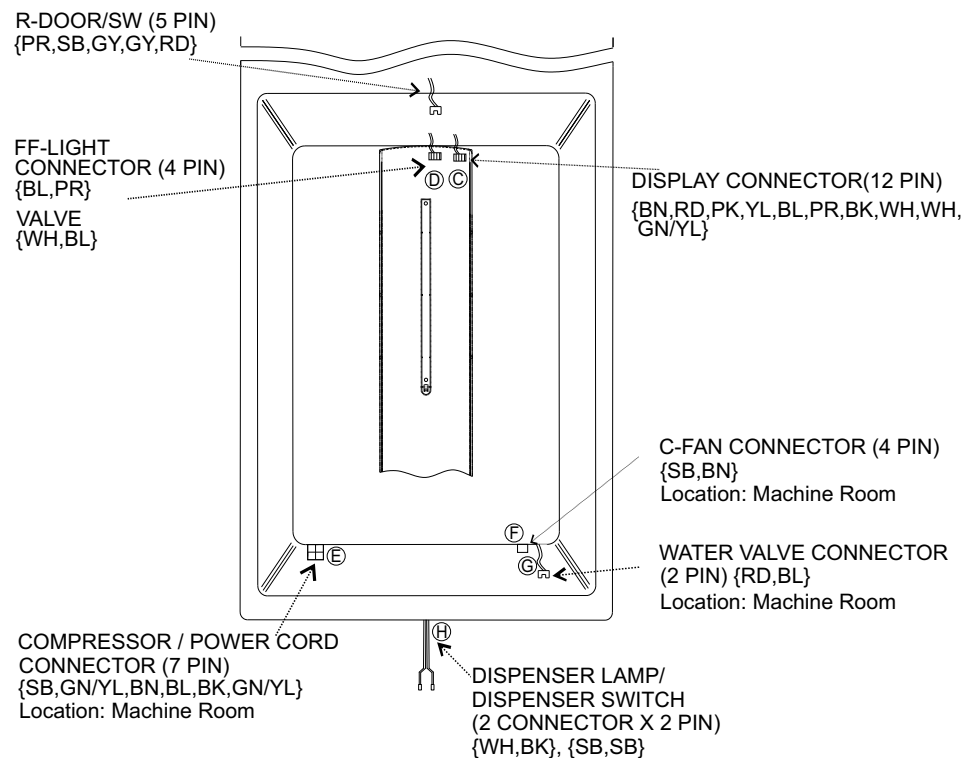
# IMPORTANT DO NOT DESTROY

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

## FREEZER COMPARTMENT



## REFRIGERATOR COMPARTMENT



## CIRCUIT DIAGRAM

- H/BAR PART (H/BAR HEATER, DOOR SW), CAPACITOR PART, FUSE PART, PLUG TYPE, COMPRESSOR EARTH PART, ICE & WATER VALVES, PILOT VALVE, SW PART, OPTIC HILL ZONE, P.T.C ASSEMBLY, COMP ACCESSORIES, WATER-TANK SENSOR ON CIRCUIT DIAGRAMS ARE SUBJECT TO CHANGE IN DIFFERENT LOCALITIES AND ACCORDANCE WITH MODEL TYPE.  
- N: NEUTRAL

