

SERVICE AND WIRING SHEET 2155536CZ



**ELECTRICAL
SHOCK HAZARD**

**DISCONNECT FROM ELECTRICAL SUPPLY BEFORE
SERVICING UNIT. REINSTALL ALL PANELS BEFORE
OPERATING.**

PERFORMANCE DATA			
*(NORMAL OPERATING CONDITIONS)			
AMB	WATTS	SYSTEM PRESSURE (PSIG)	
		HIGH SIDE	LOW SIDE
70°	195±10	100±10	1 TO 3
90°	195±10	135±10	1 TO 3
110°	195±10	170±10	1 TO 3

*Normal operating conditions are viewed when the air and temperature controls are at mid-setting, freezer section 0 to -5F and unit is cycling.

NOTE: Watt and pressure readings will vary and are influenced by the existing condition of the appliance, such as iced-up evaporator, condition of condenser, defrost cycle, pull-down time and customer use.

SERVICE INFORMATION (2155776-B)

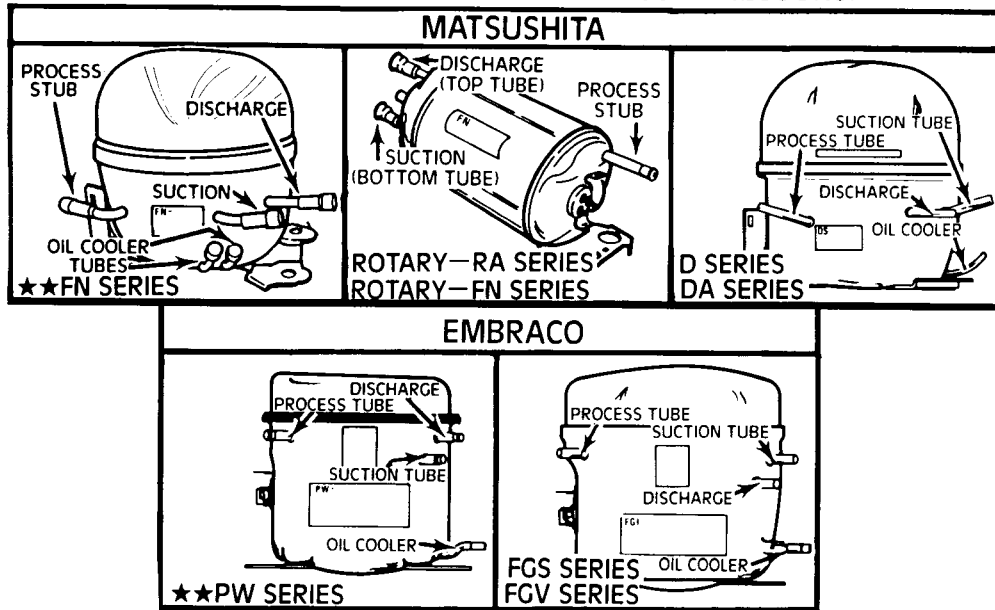
1. COMPRESSOR SUCTION AND PROCESS STUBS MAY **NOT** BE INTERCHANGED UNLESS INDICATED BY ★★.
2. REFRIGERANT CHARGE MUST BE APPLIED TO HIGH SIDE ONLY.
3. ICE MAKER AND WATER VALVE NOT ORIGINAL EQUIPMENT ON ALL MODELS.
4. **CAUTION:** ICE MAKER CYCLE **MUST** BE INITIATED ELECTRICALLY. DO NOT TRY TO MANUALLY START CYCLE.

GENERAL COMPONENT INFORMATION FOR ALL REFRIGERATOR/FREEZER MODELS		
BE SURE AND USE CORRECT REPLACEMENT PARTS		
COMPONENT (IF APPLICABLE)	WATTAGE @ 120V	OHMS RESISTANCE
DEFROST HEATER	480-600	24-30
COMPRESSOR:		
RUN WINDINGS	—	1-4
START WINDINGS	—	3-8
EVAPORATOR FAN	6-10	—
CONDENSER FAN	7-13	—
DISPENSER HOUSING HEATER (DOOR)	2-6	2400-7200

NOTE: Defrost timer may contain a capacitor in series with motor. Do not continuity test when checking for failed timer motor. Instead, energize timer and listen for gear movement.

COMPRESSOR OPTIONS — REFER TO APPLICABLE DESIGN

(OIL COOLER NOT PRESENT ON ALL COMPRESSORS)

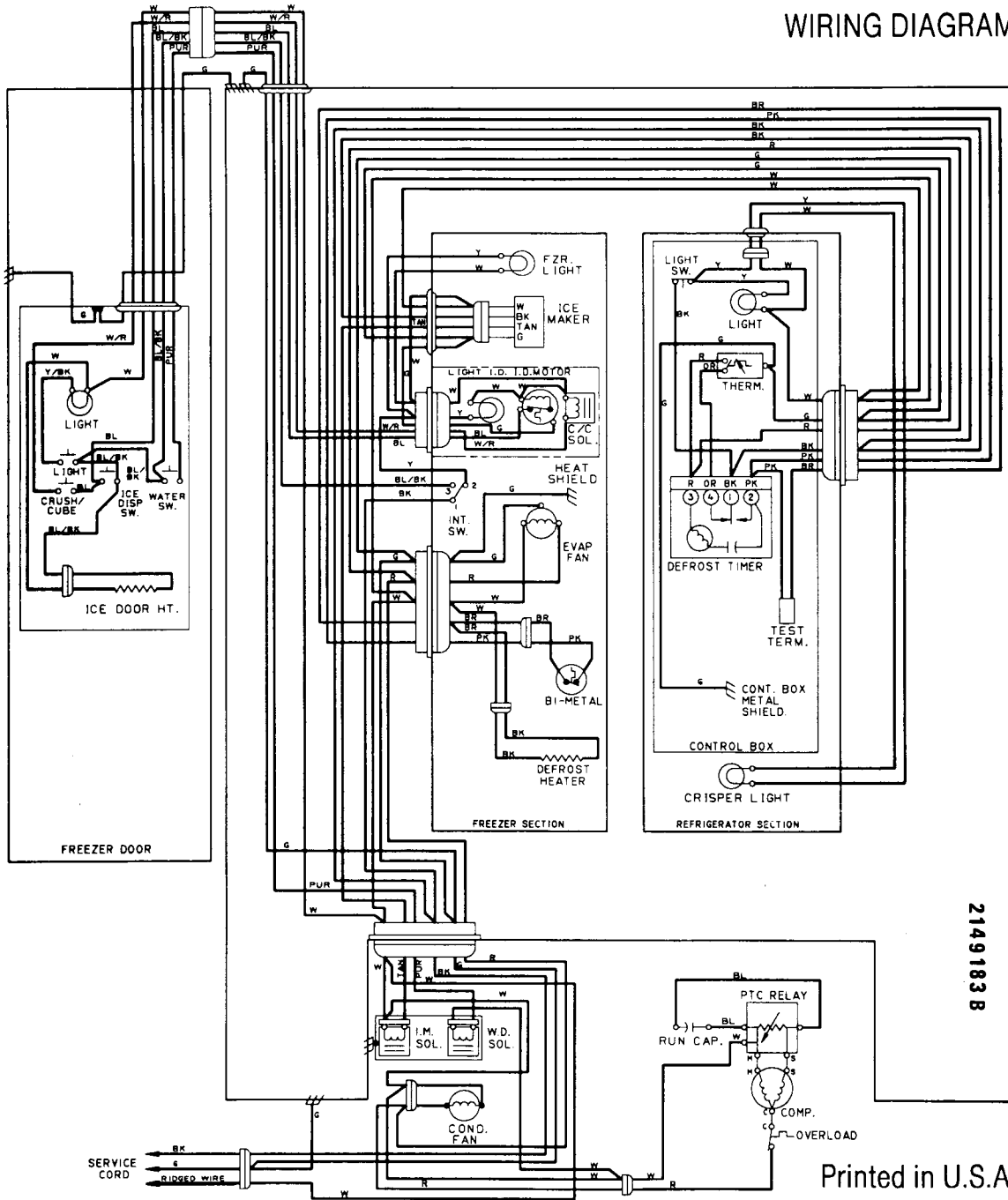


SERVICE DEFROST BIMETALS
50°F OPEN

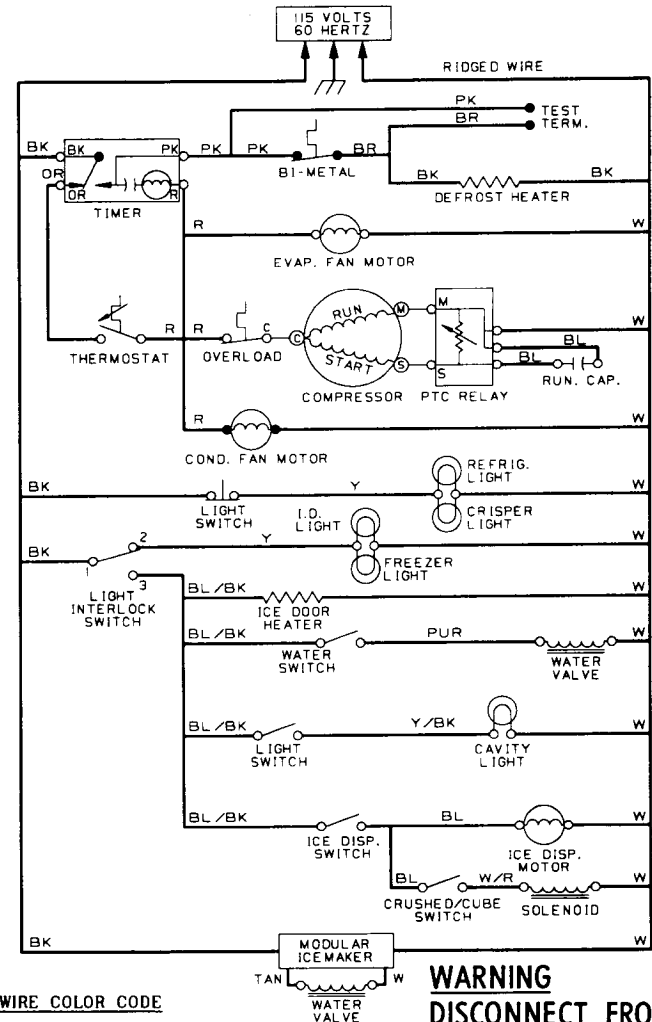
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WIRING DIAGRAM



2149183 B



WIRE COLOR CODE

- G = GREEN
- BL = BLUE
- BK = BLACK
- R = RED
- W = WHITE
- Y = YELLOW
- OR = ORANGE
- BR = BROWN
- GY = GRAY
- PK = PINK
- PUR = PURPLE
- TAN = TAN
- OR/BK = ORANGE/BLACK TRACER
- Y/R = YELLOW/RED TRACER
- BL/BK = BLUE/BLACK TRACER
- W/BL = WHITE/BLUE TRACER
- BK/Y = BLACK/YELLOW TRACER
- W/R = WHITE/RED TRACER
- GY/Y = GREEN/YELLOW TRACER
- BK/W = BLACK/WHITE TRACER
- Y/BK = YELLOW/BLACK TRACER

SYMBOL CODE

- ⊙ : CONNECTOR - SCREW ON
- ⊙ : CONNECTOR - CLOSED END
- : DISCONNECT TERMINAL
- : PERMANENT CONNECTION
- ⊕ : PLUG CONNECTOR
- ⊔ : GROUND (CHASSIS)

WARNING

DISCONNECT FROM ELECTRICAL SUPPLY BEFORE SERVICING UNIT.

MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING UNITED STATES PATENTS:

3,727,419	4,387,578	4,682,474	4,732,432	4,787,216
3,858,409	4,404,813	4,688,393	4,732,435	4,799,362
3,872,688	4,481,785	4,690,468	4,739,233	4,800,935
3,883,198	4,555,915	4,694,553	4,741,170	4,801,181
3,960,631	4,640,432	4,706,169	4,745,656	4,805,293
4,084,725	4,646,528	4,707,401	4,745,775	4,807,086
4,090,641	4,649,712	4,709,556	4,756,165	4,821,528
4,102,660	4,649,717	4,714,304	4,765,696	4,833,894
4,226,489	4,649,718	4,715,512	4,767,896	4,834,169
4,327,557	4,659,157	4,715,831	4,768,353	4,862,577
4,330,310	4,665,708	4,728,759	4,776,178	4,970,874

OTHER PATENTS PENDING

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