SERVICE AND WIRING SHEET 2154075CJ

⚠WARNING **ELECTRICAL SHOCK HAZARD** DISCONNECT FROM ELECTRICAL SUPPLY BEFORE SERVICING UNIT. REINSTALL ALL PANELS BEFORE OPERATING.

PERFORMANCE DATA *(NORMAL OPERATING CONDITIONS)			
		SYSTEM PRESSURE (PSIG)	
AMB	WATTS	HIGH SIDE	LOW SIDE
70°	160±20	110±20	-5" TO 5#
90°	175±20	145±20	-2" TO 5#
110°	190±20	190±20	0" TO 6#

*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 (2154079-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

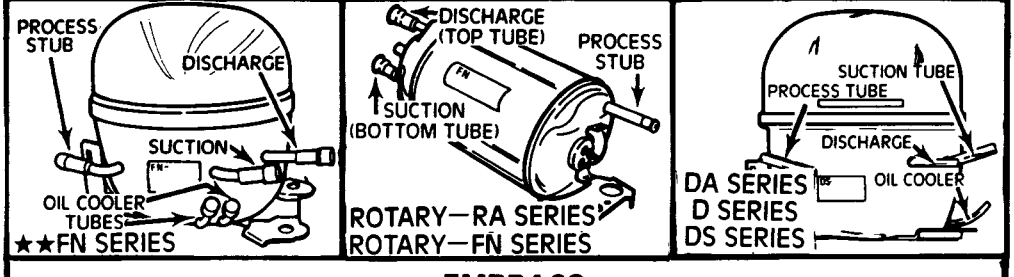
COMPONENT (IF APPLICABLE)	WATTAGE @ 120V	OHMS RESISTANCE
DEFROST HEATER	525-750	19-27
COMPRESSOR:		
RUN WINDINGS	—	1-5
START WINDINGS	—	3-11
EVAPORATOR FAN	6-10	—
CONDENSER FAN	7-13	—
MULLION HEATER	0-13	1150-OPEN
DISPENSER HOUSING HEATER	2-6	2400-7200

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.

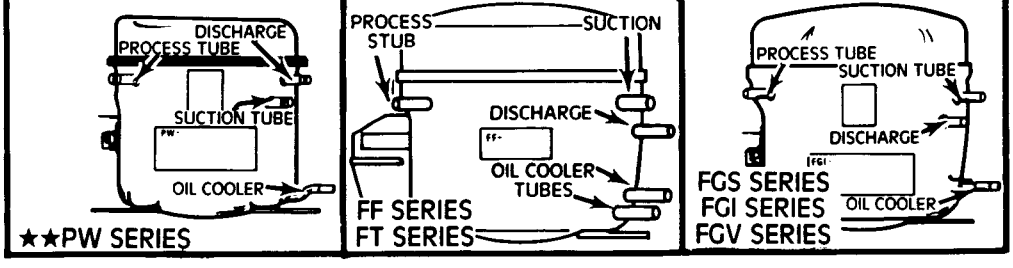
COMPRESSOR OPTIONS—REFER TO APPLICABLE DESIGN

(OIL COOLER NOT PRESENT ON ALL COMPRESSORS)

MATSUSHITA

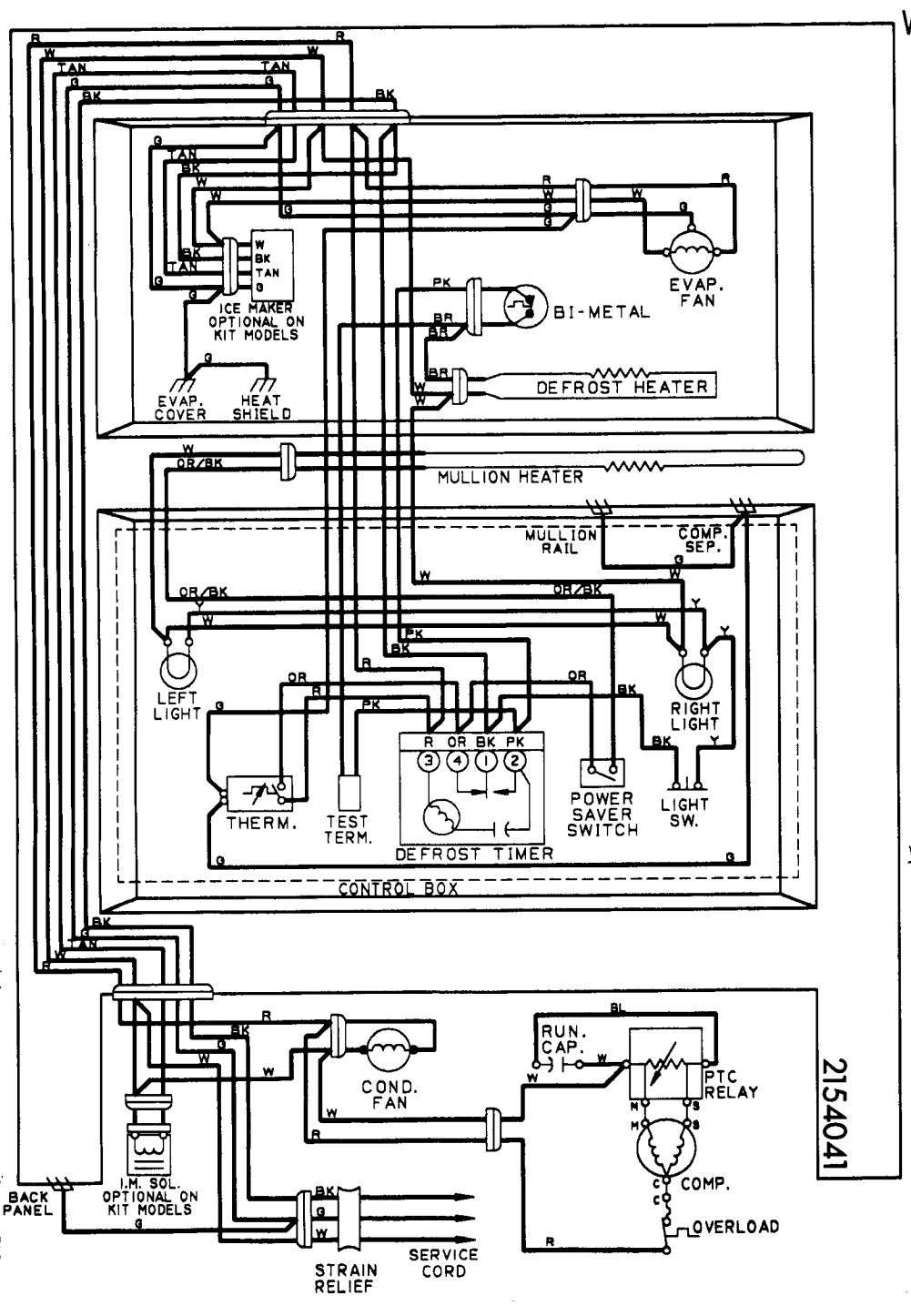


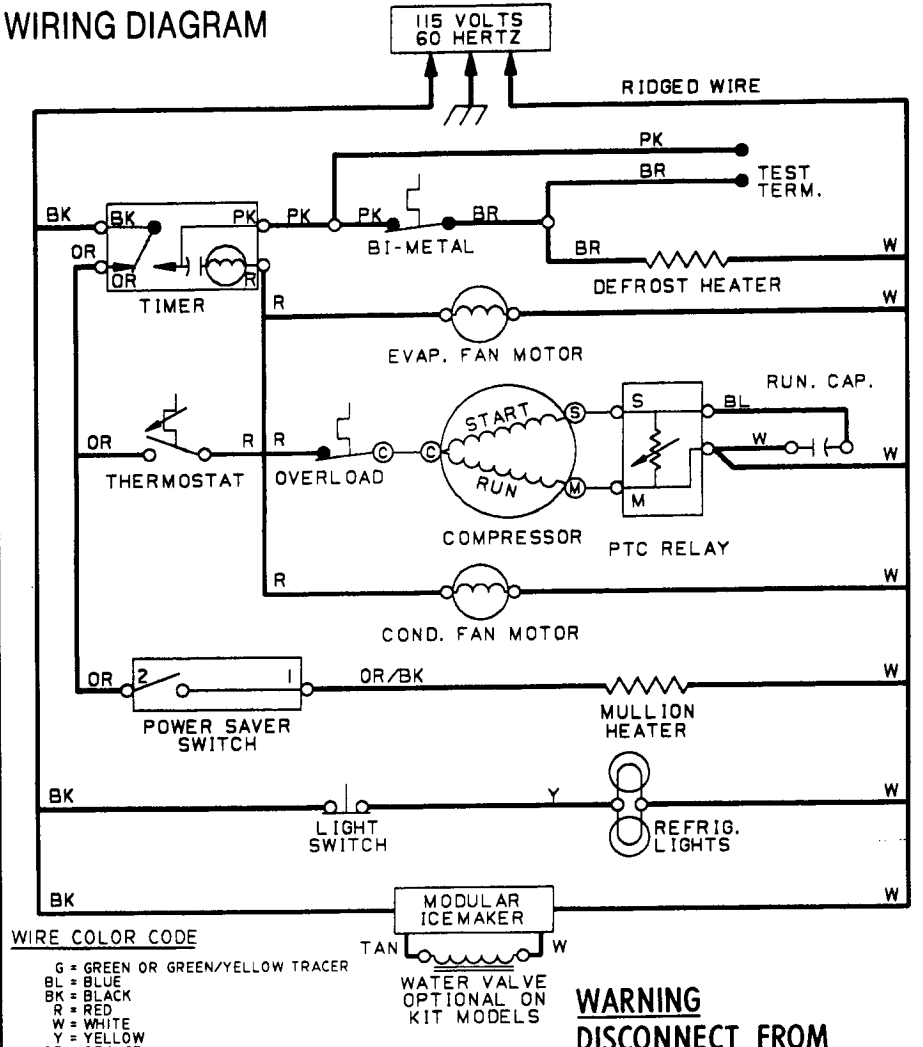
EMBRACO



SERVICE DEFROST BIMETALS	SERVICE & WIRING SHEET NO.	SERVICE & WIRING SHEET NO.
50°F OPEN	2154075CJ	2154075CJ

WIRING DIAGRAM





WIRE COLOR CODE

G = GREEN OR GREEN/YELLOW TRACER
BL = BLUE
BK = BLACK
R = RED
W = WHITE
Y = YELLOW
OR = ORANGE
BR = BROWN
GY = GRAY
PK = PINK
TAN = TAN
PUR = PURPLE
W/R = WHITE/RED TRACER
Y/R = YELLOW/RED TRACER
OR/BK = ORANGE/BLACK TRACER
W/BL = WHITE/BLUE TRACER
BK/Y = BLACK/YELLOW TRACER
BL/BK = BLUE/BLACK TRACER
PK/W = PINK/WHITE TRACER
PK/R = PINK/RED TRACER
PK/BK = PINK/BLACK TRACER
R/W = RED/WHITE TRACER
R/BK = RED/BLACK TRACER
BL/R = BLUE/RED TRACER
T/R = TAN/RED TRACER
T/BK = TAN/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	4,805,295
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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