

| PERFORMANCE DATA<br>NO LOAD & NO DOOR OPENINGS AT MID-POINT CONTROL SETTING                                                                                                |                                  |            |                                                                             |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------|-----------------------------------------------------------------------------|------|
| Capacitor Run or Induction Run                                                                                                                                             | 65°F (18°C) Ambient              |            | 90°F (32°C) Ambient                                                         |      |
| Operating Time                                                                                                                                                             | 25 to 35%                        |            | 45 to 55%                                                                   |      |
| Freezer Temperature                                                                                                                                                        | 2° to 8°F (-17° to -13°C)        |            | 0° to 5°F (-18° to -15°C)                                                   |      |
| Refrigerator Temperature                                                                                                                                                   | 35° to 40°F (2° to 4°C)          |            | 35° to 40°F (2° to 4°C)                                                     |      |
| Low Side Pressure (cut-in)                                                                                                                                                 | 8 to 16 psig ( 55 to 110 kPa)    |            | 8 to 16 psig (55 to 110 kPa)                                                |      |
| Low Side Pressure (cut-out)                                                                                                                                                | 1 to 4 psig (7 to 28 kPa)        |            | 1 to 4 psig (7 to 28 kPa)                                                   |      |
| High Side Pressure (last 1/3 cycle)                                                                                                                                        | 110 to 120 psig (758 to 827 kPa) |            | 150 to 175 psig (1034 to 1207 kPa)                                          |      |
| Wattage (last 1/3 cycle)                                                                                                                                                   | 140 to 185                       |            | 140 to 185                                                                  |      |
| Amps (running)                                                                                                                                                             | 1.1 to 1.6                       |            | 1.1 to 1.6                                                                  |      |
| Base Voltage                                                                                                                                                               | 115 vac (127 vac max)            |            | 115 vac (127 vac max)                                                       |      |
| DEFROST SPECIFICATIONS                                                                                                                                                     |                                  |            |                                                                             |      |
| Cabinet Size                                                                                                                                                               | Thermostat                       |            | Heater                                                                      |      |
|                                                                                                                                                                            | Cut-in                           | Cut-out    | Watts                                                                       | Ohms |
| 18' & 21'                                                                                                                                                                  | 25°F (-4°C)                      | 47°F (8°C) | 375                                                                         | 35   |
| 14', 15' & 17'                                                                                                                                                             | 25°F (-4°C)                      | 47°F (8°C) | 325                                                                         | 41   |
| Mechanical Timer - Defrost 30 minutes every 10 hours of compressor run time.<br>Electronic Timer (ADC) - Defrost up to 24 minutes every 6-72 hours of compressor run time. |                                  |            |                                                                             |      |
| CONDENSER FAN MOTOR                                                                                                                                                        |                                  |            |                                                                             |      |
| Watts                                                                                                                                                                      | RPM                              |            | Amps                                                                        |      |
| 2.3                                                                                                                                                                        | 1100 CW Opposite Shaft           |            | 0.15 Running                                                                |      |
| ICE MAKER SPECIFICATIONS                                                                                                                                                   |                                  |            |                                                                             |      |
| Electrical                                                                                                                                                                 | 115 vac (127 vac max)            |            | 60 Hertz                                                                    |      |
| Thermostat                                                                                                                                                                 | Opens at 48°F (9°C)              |            | Closes at 15°F ( -9°C)<br>Models with Orange wire close at 8.96°F (-12.8°C) |      |
| Heater Voltage                                                                                                                                                             | 165 vac                          |            |                                                                             |      |
| ICE MAKER CONNECTOR PLUG CONNECTIONS                                                                                                                                       |                                  |            |                                                                             |      |
| Wire Number                                                                                                                                                                | Wire Color                       |            | Connects to:                                                                |      |
| 1                                                                                                                                                                          | Green / Yellow                   |            | Ground                                                                      |      |
| 2                                                                                                                                                                          | Yellow                           |            | Water Valve                                                                 |      |
| 3                                                                                                                                                                          | Black                            |            | Line                                                                        |      |
| 4                                                                                                                                                                          | Light Blue                       |            | Neutral                                                                     |      |

SERVICE DATA SHEET

241588205

STANDARD - AUTOMATIC DEFROST

TOP MOUNT FREEZER - R134a

IMPORTANT SAFETY NOTE

The information provided herein is designed to assist qualified repair personnel only. Untrained persons should not attempt to make repairs due to the possibility of electrical shock. Disconnect power cord before servicing this appliance.

IMPORTANT

If any green grounding wires are removed during servicing, they must be returned to their original position and properly secured.

NOTE

Some products come equipped with an Electronic Defrost Control. To initiate defrost, depress the fresh food light switch 5 times in 6 seconds (light bulb must be working). To terminate defrost, depress the fresh food light switch 5 times in 6 seconds.

CAUTION

All electrical parts and wiring must be shielded from torch flame. DO NOT allow torch to touch insulation; it will char at 200°F and flash ignite (burn) at 500°F. Excessive heat will distort the plastic liner.

IMPORTANT

PLEASE RETURN THIS SHEET TO ITS ORIGINAL LOCATION.

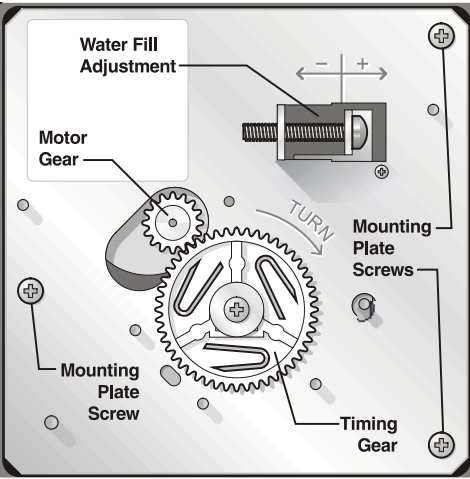
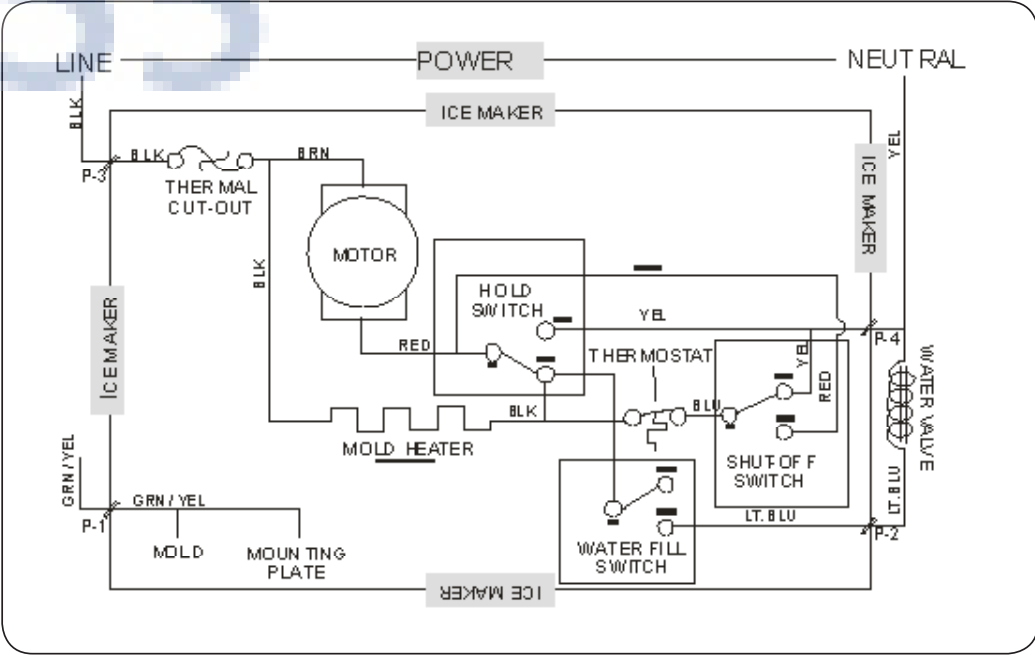
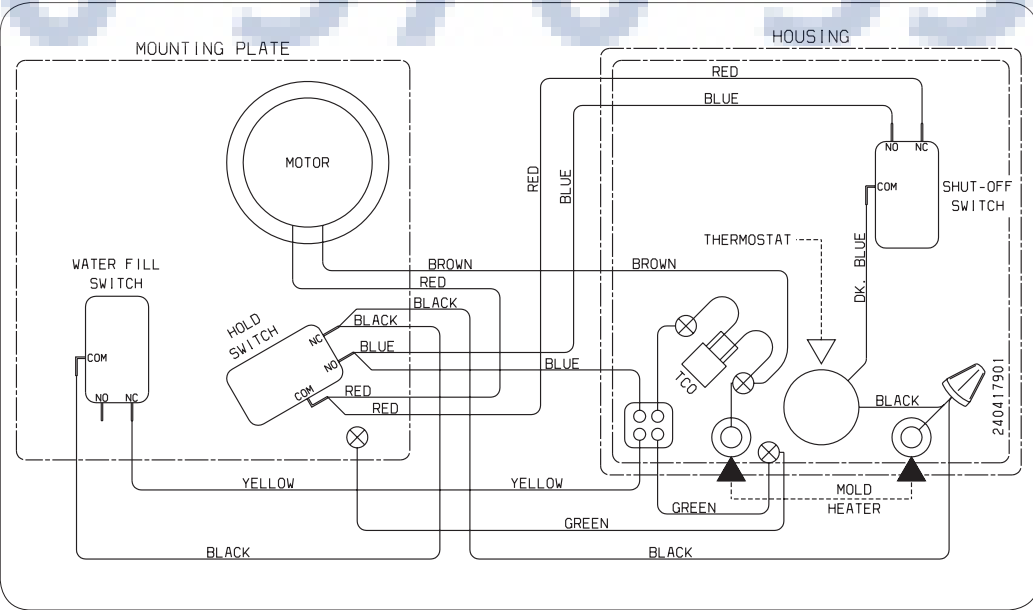
ICE MAKER INFORMATION

Test Cycling:

Remove cover by inserting screwdriver in notch at bottom and prying cover from housing. Use screwdriver to rotate motor gear counterclockwise until hold-ing switch circuit is completed. All components of ice maker should function to com-plete the cycle.

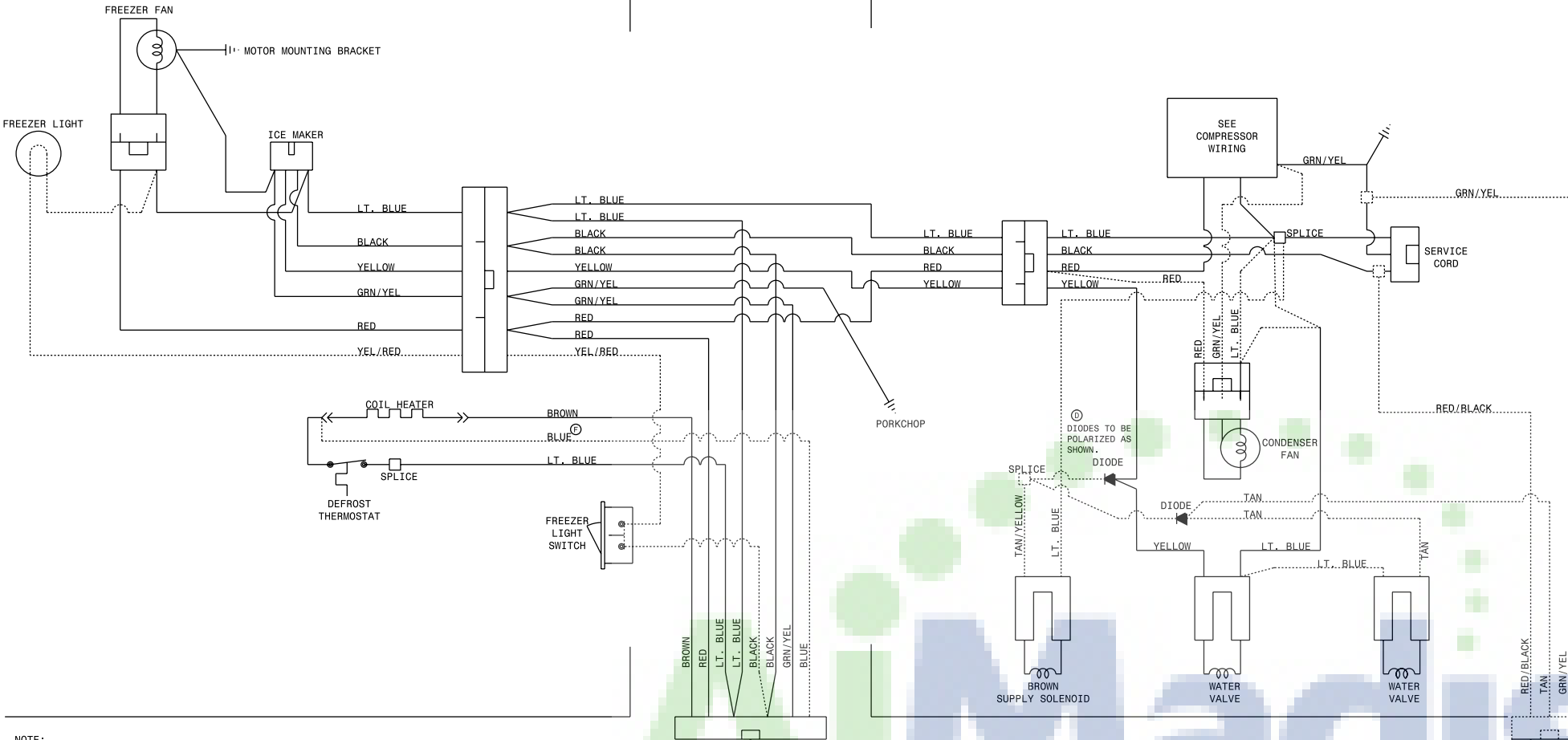
Water Fill Volume:

The water fill adjustment screw will change the fill time. One full turn is equal to 20cc (.68 oz.). The correct fill is 95 to 105cc (3.2 to 3.6 oz.). When a water valve is replaced, the fill volume must be checked.



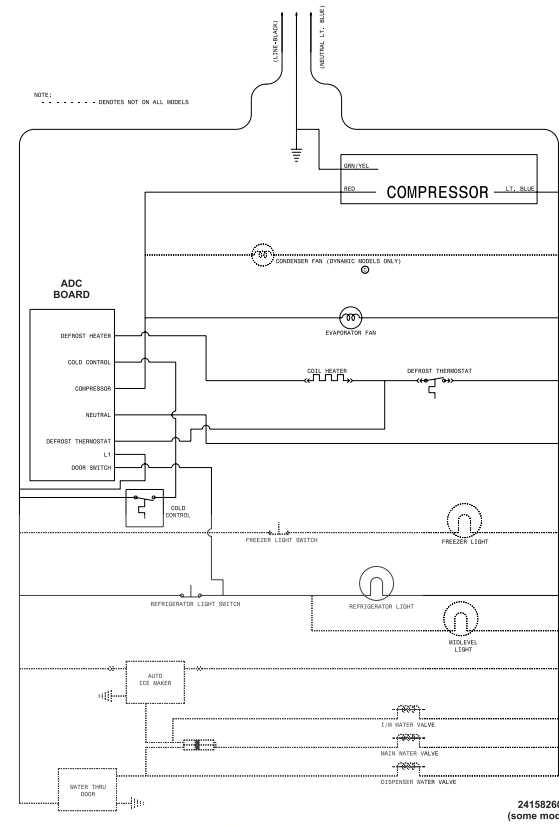
FREEZER COMPARTMENT

MACHINE COMPARTMENT

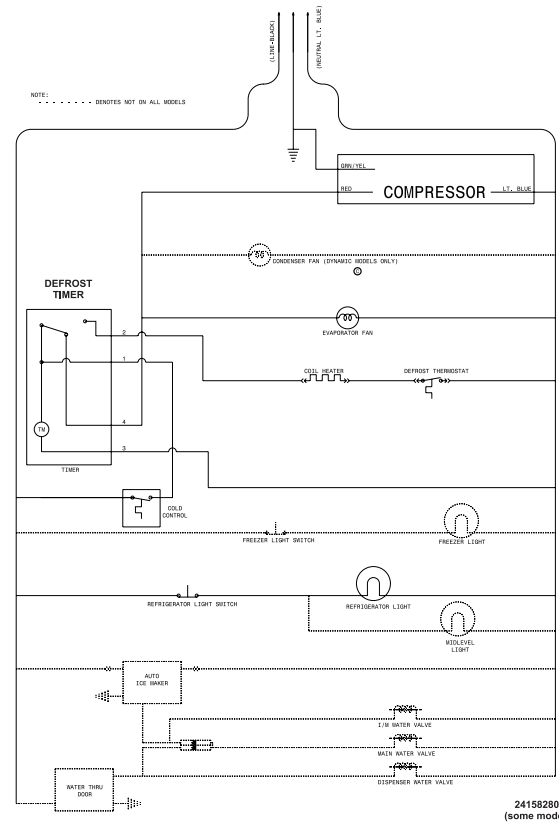


NOTE:  
- - - - - DENOTES NOT ON ALL MODELS.

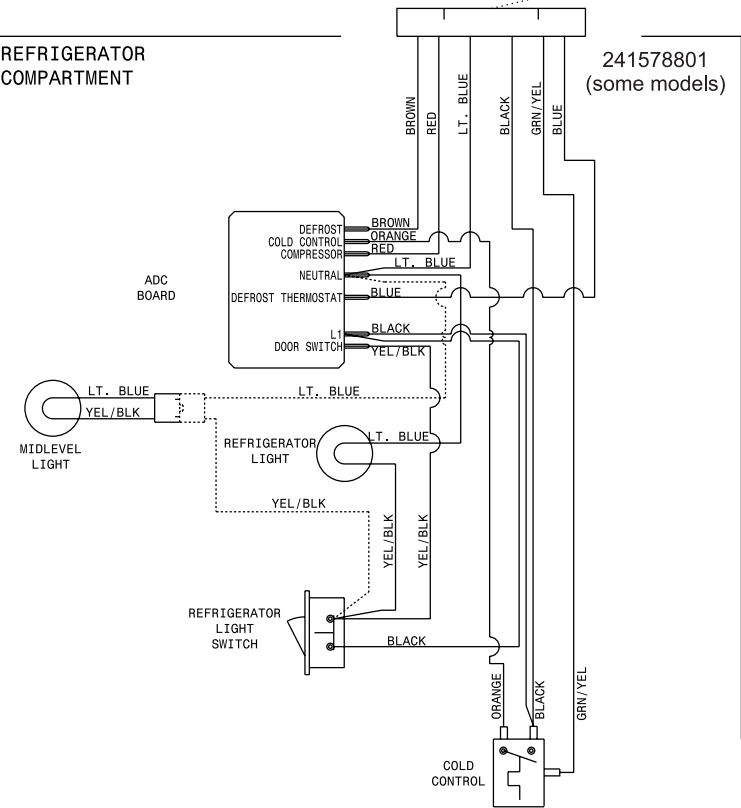
◊ LADDER SCHEMATIC-TOP MOUNTS WITH OPTIONAL ICE MAKER, WATER DISPENSER, FREEZER LIGHT OR MID-LEVEL LIGHTING



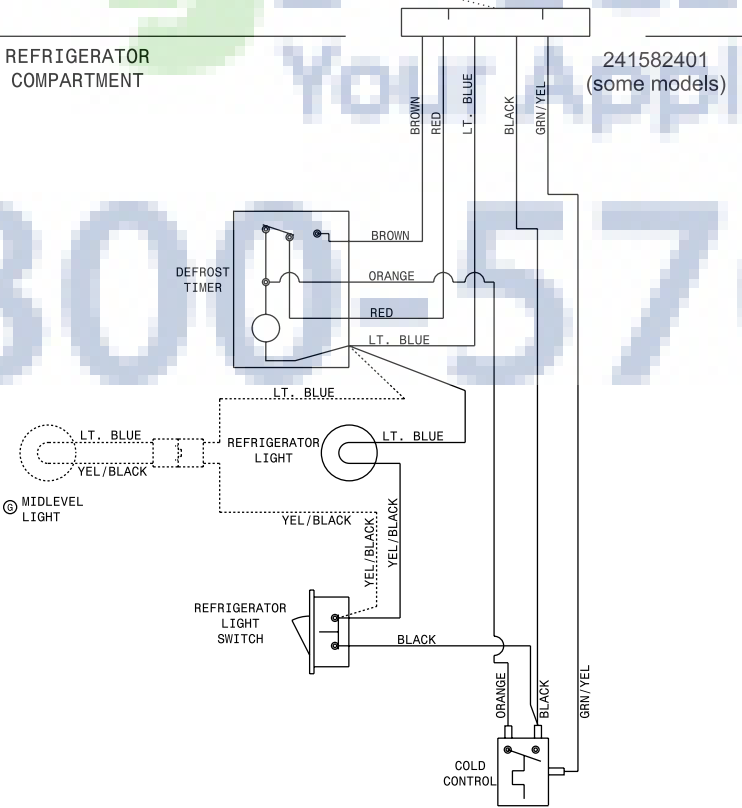
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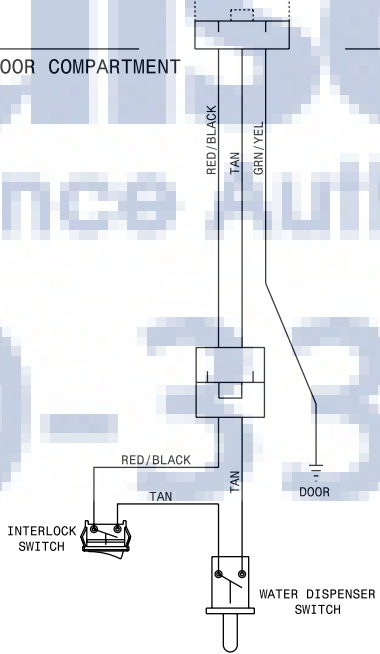
REFRIGERATOR COMPARTMENT



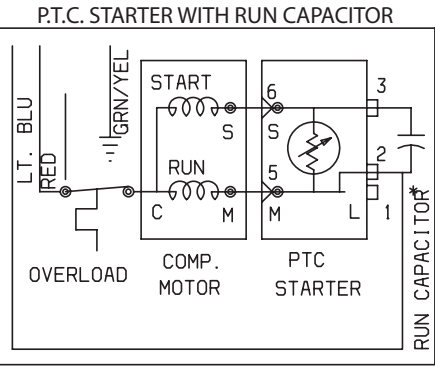
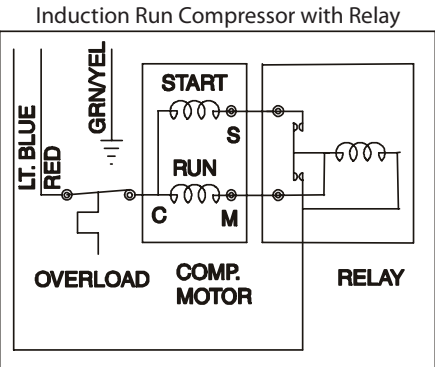
REFRIGERATOR COMPARTMENT



DOOR COMPARTMENT



COMPRESSOR WIRING



\* CAPACITOR IS ONLY USED WITH SOME P.T.C. MODELS.